

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047288.D
 Acq On : 12 Aug 2025 11:52
 Operator : JC/MD
 Sample : VX0812WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/13/2025
 Supervised By : Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 01:17:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	266708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	403402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	207271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156027	46.963	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.920%		
35) Dibromofluoromethane	5.391	113	140246	50.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.920%		
50) Toluene-d8	8.647	98	400252	44.466	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.940%#		
62) 4-Bromofluorobenzene	11.079	95	186845	48.168	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	69899	19.731	ug/l	98
3) Chloromethane	1.313	50	61646	17.592	ug/l	99
4) Vinyl Chloride	1.392	62	71280	18.923	ug/l	97
5) Bromomethane	1.630	94	35824	17.507	ug/l	97
6) Chloroethane	1.703	64	42892	17.337	ug/l	100
7) Trichlorofluoromethane	1.904	101	107951	19.219	ug/l	99
8) Diethyl Ether	2.148	74	36446	18.403	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	61745	18.246	ug/l	98
10) Methyl Iodide	2.471	142	90798	26.326	ug/l	100
11) Tert butyl alcohol	2.959	59	34722	82.511	ug/l	99
12) 1,1-Dichloroethene	2.331	96	61388	18.315	ug/l	99
13) Acrolein	2.252	56	109384	152.908	ug/l	99
14) Allyl chloride	2.678	41	108053	17.834	ug/l	99
15) Acrylonitrile	3.081	53	148912	93.980	ug/l	99
16) Acetone	2.386	43	117062	87.955	ug/l	98
17) Carbon Disulfide	2.526	76	176245	18.176	ug/l	98
18) Methyl Acetate	2.715	43	72484	20.493	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	194935	19.110	ug/l	97
20) Methylene Chloride	2.800	84	68289	18.650	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	63062	18.386	ug/l	98
22) Diisopropyl ether	3.770	45	217146	18.641	ug/l	95
23) Vinyl Acetate	3.727	43	891231	95.391	ug/l	100
24) 1,1-Dichloroethane	3.623	63	118731	18.330	ug/l	98
25) 2-Butanone	4.568	43	171260	88.371	ug/l	98
26) 2,2-Dichloropropane	4.489	77	90767	18.102	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	74965	18.457	ug/l	98
28) Bromochloromethane	4.910	49	68214	22.890	ug/l	98
29) Tetrahydrofuran	5.019	42	106137	84.883	ug/l	93
30) Chloroform	5.105	83	121763	18.467	ug/l	99
31) Cyclohexane	5.477	56	108000	17.389	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	107008	18.685	ug/l	99
36) 1,1-Dichloropropene	5.696	75	83564	17.638	ug/l	98
37) Ethyl Acetate	4.721	43	90485	20.726	ug/l	96
38) Carbon Tetrachloride	5.684	117	92470	18.286	ug/l	99
39) Methylcyclohexane	7.385	83	108041	18.264	ug/l	94
40) Benzene	6.044	78	256537	18.710	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047288.D
 Acq On : 12 Aug 2025 11:52
 Operator : JC/MD
 Sample : VX0812WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/13/2025
 Supervised By : Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 01:17:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	39807	17.439	ug/l	92
42) 1,2-Dichloroethane	6.092	62	91804	19.007	ug/l	99
43) Isopropyl Acetate	6.342	43	135160	19.859	ug/l	99
44) Trichloroethene	7.129	130	64759	18.418	ug/l	98
45) 1,2-Dichloropropane	7.434	63	63746	18.563	ug/l	97
46) Dibromomethane	7.580	93	46573	19.339	ug/l	99
47) Bromodichloromethane	7.824	83	95572	18.645	ug/l	98
48) Methyl methacrylate	7.696	41	68229	18.402	ug/l	99
49) 1,4-Dioxane	7.671	88	15691	372.088	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	395128	97.673	ug/l	99
52) Toluene	8.720	92	158098	18.752	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	86876	17.948	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	97236	18.354	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	61302	19.388	ug/l	98
56) Ethyl methacrylate	9.116	69	92290	19.717	ug/l	98
57) 1,3-Dichloropropane	9.311	76	103459	18.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	213726	82.055	ug/l	100
59) 2-Hexanone	9.427	43	270477	101.199	ug/l	99
60) Dibromochloromethane	9.519	129	71339	19.238	ug/l	98
61) 1,2-Dibromoethane	9.610	107	61948	18.738	ug/l	98
64) Tetrachloroethene	9.275	164	52898	18.190	ug/l	96
65) Chlorobenzene	10.079	112	175362	18.556	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	59685	18.759	ug/l	100
67) Ethyl Benzene	10.195	91	304960	18.456	ug/l	99
68) m/p-Xylenes	10.299	106	229943	37.187	ug/l	100
69) o-Xylene	10.640	106	110879	18.849	ug/l	100
70) Styrene	10.653	104	193735	19.207	ug/l	98
71) Bromoform	10.799	173	46474	19.229	ug/l #	100
73) Isopropylbenzene	10.957	105	292039	17.859	ug/l	100
74) N-amyl acetate	10.842	43	118356	17.938	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	87818	18.801	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71234m	18.568	ug/l	
77) Bromobenzene	11.195	156	71864	18.322	ug/l	97
78) n-propylbenzene	11.305	91	350815	17.953	ug/l	99
79) 2-Chlorotoluene	11.360	91	207220	17.740	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	247687	18.334	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14230	9.556	ug/l	94
82) 4-Chlorotoluene	11.451	91	247627	18.162	ug/l	100
83) tert-Butylbenzene	11.713	119	247287	18.237	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	244944	18.178	ug/l	98
85) sec-Butylbenzene	11.890	105	313440	18.501	ug/l	100
86) p-Isopropyltoluene	12.006	119	262367	18.674	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	136883	18.368	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	138415	18.332	ug/l	98
89) n-Butylbenzene	12.329	91	245333	18.620	ug/l	99
90) Hexachloroethane	12.536	117	45620	18.151	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	131227	18.424	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16604	18.519	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	88508	18.808	ug/l	100
94) Hexachlorobutadiene	13.719	225	33284	20.797	ug/l	97
95) Naphthalene	13.774	128	254276	18.431	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	84235	18.580	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
Data File : VX047288.D
Acq On : 12 Aug 2025 11:52
Operator : JC/MD
Sample : VX0812WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 01:17:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

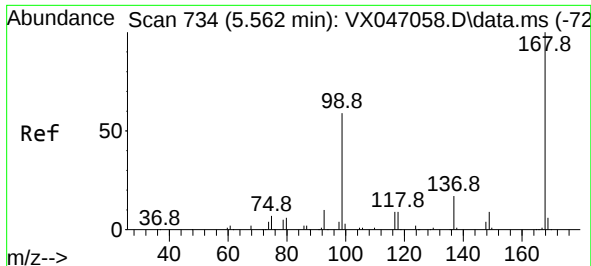
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

Abundance

TIC: VX047288.D\data.ms

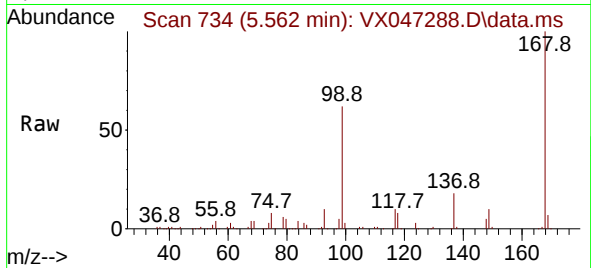
Time-->

1,1,1-Trichloroethane, T
Chloroethane, T
Chloromethane, T
Trichlorofluoromethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acetone, T
1,1,2-Dichloroethane, T
Methyl Chloride, T
Methyl Acetate, T
Methyl Chloride, T
Tert butyl alcohol, T
Methyl Chloride, T
Methyl Chloride, T
1,1-Dichloroethane, P
Diisopropyl ether, T
Vinyl Acetate, T
2-Butanone, T
Ethyl Acetate, T
2,2-Dichloropropane, T
Methyl Chloride, T
Methyl Chloride, T
Methyl Chloride, T
Cyclohexane, T
Pentachlorobenzene, I
Cyclohexane, T
1,2-Dichloroethane, T
1,2-Dichloroethane, T
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloroethane, T
1,4-Dioxane, T
Bromochloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanol, T
Toluene, CM
1,1,1-Trichloroethane, T
1,3-Dichloropropene, T
Ethyl Chloride, T
1,3-Dichloropropane, T
2-Hexanone, T
1,2-Dibromochloroethane, T
Chlorobenzene, T
1,1,1,2-Tetrachloroethane, T
Ethyl Benzene, C
Chlorobenzene-d5, I
m/p-Xylenes, T
Bromobenzene, T
N-amyl acetate, T
Isopropylbenzene, T
trans-1,2-Dichloro-2-butene, T
1,2,3-Trichlorobenzene, T
2-Chlorotoluene, T
1,2,4-Trichlorobenzene, T
tert-Butylbenzene, T
1,2,4-Trichlorobenzene, T
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene, T
1,2,4-Trichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
Hexachlorobutadiene, T
1,2,4-Trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

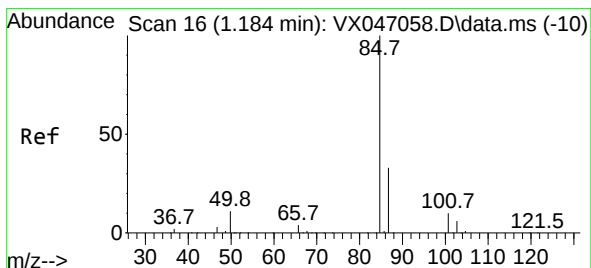
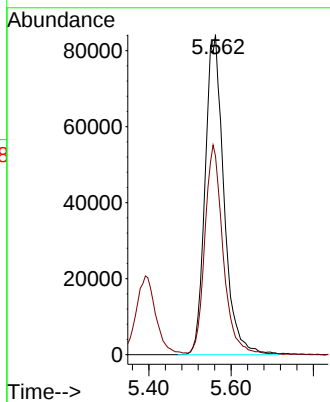
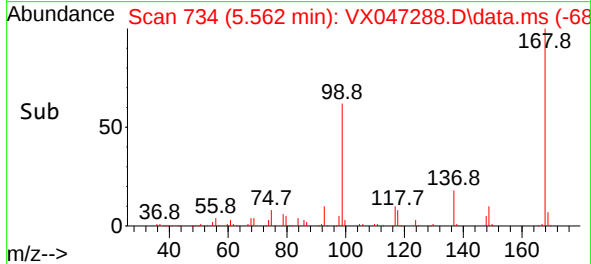
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion:168 Resp: 266708
Ion Ratio Lower Upper
168 100
99 61.7 48.0 72.0

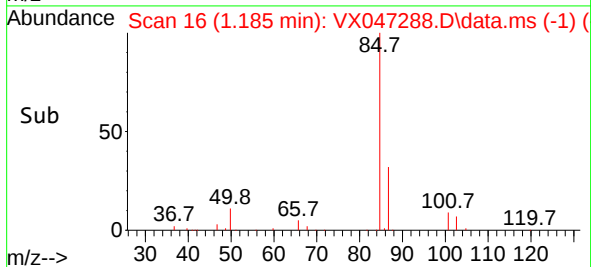
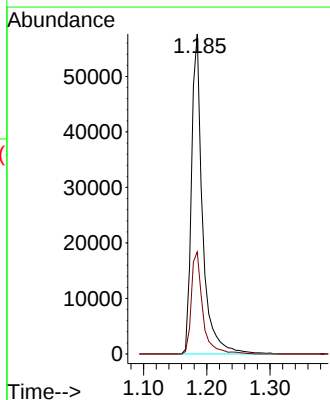
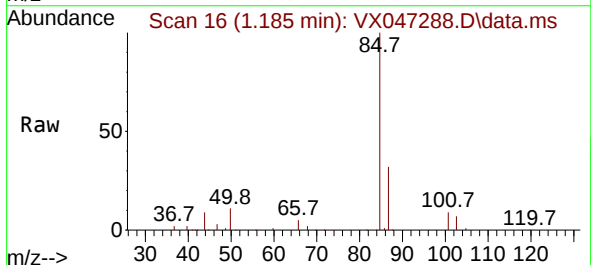
Manual Integrations
APPROVED

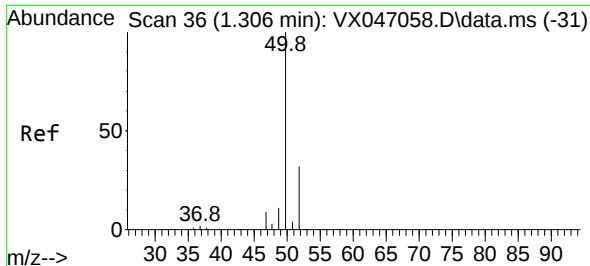
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#2
Dichlorodifluoromethane
Concen: 19.731 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Tgt Ion: 85 Resp: 69899
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.8





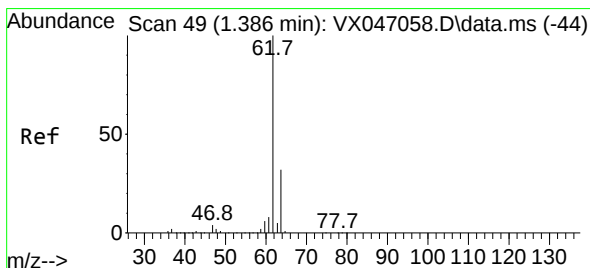
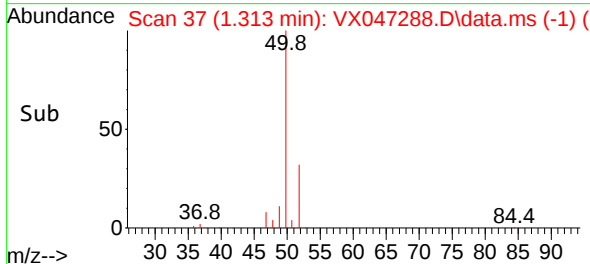
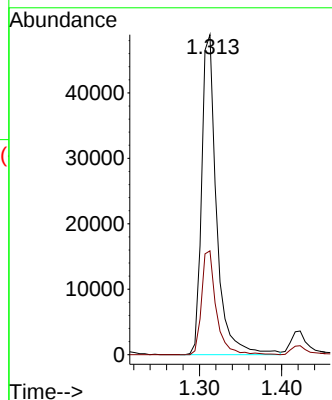
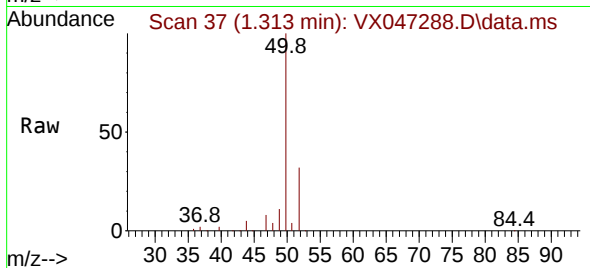
#3
Chloromethane
Concen: 17.592 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Tgt Ion: 50 Resp: 61640
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

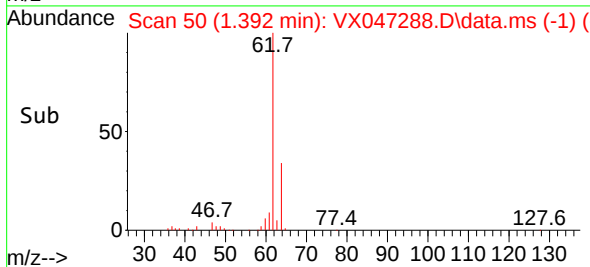
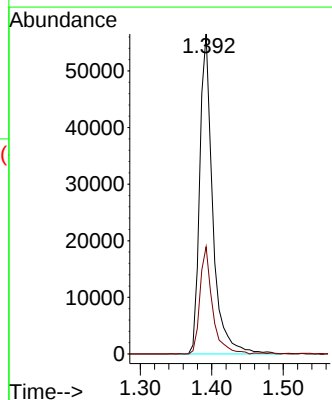
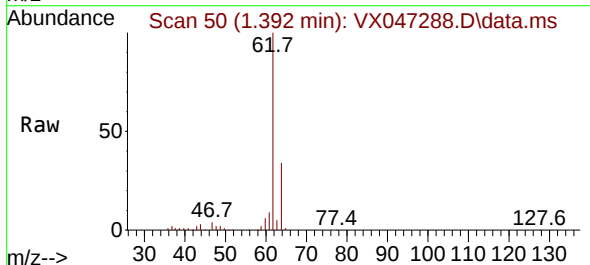
Manual Integrations
APPROVED

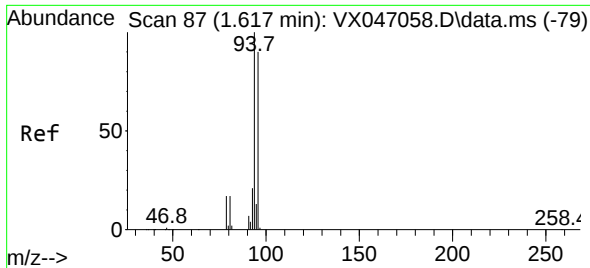
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#4
Vinyl Chloride
Concen: 18.923 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

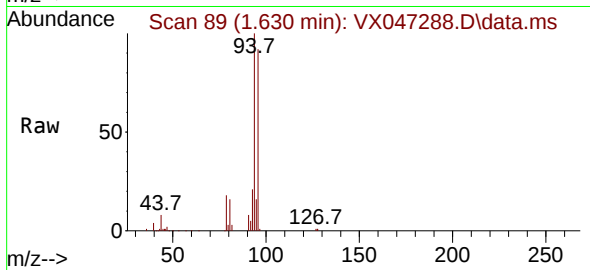
Tgt Ion: 62 Resp: 71280
Ion Ratio Lower Upper
62 100
64 33.4 25.2 37.8





#5
Bromomethane
Concen: 17.507 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

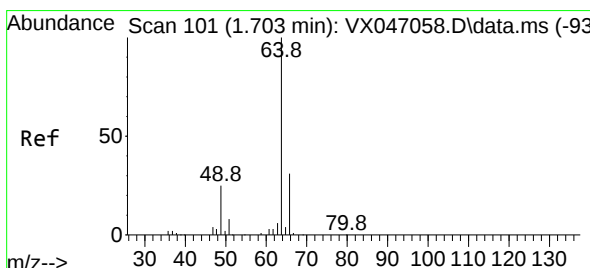
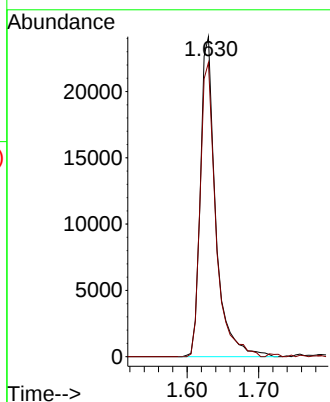
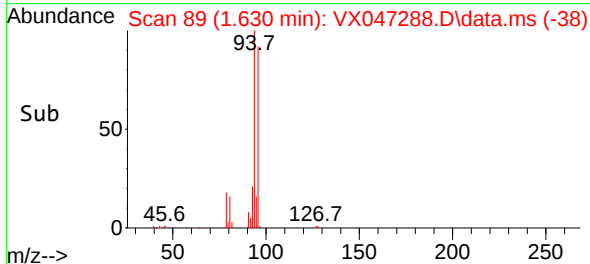
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion: 94 Resp: 35824
Ion Ratio Lower Upper
94 100
96 93.0 72.3 108.5

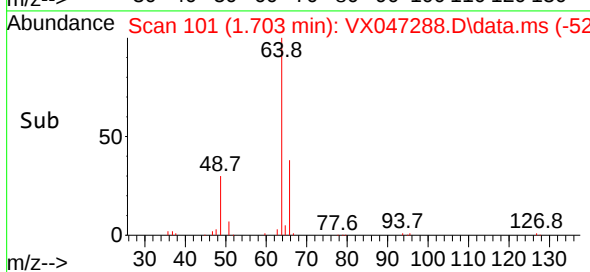
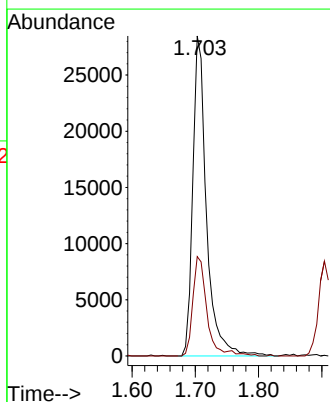
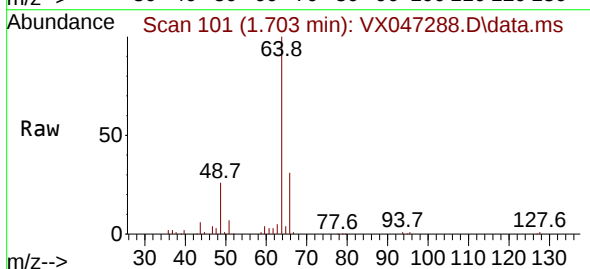
Manual Integrations
APPROVED

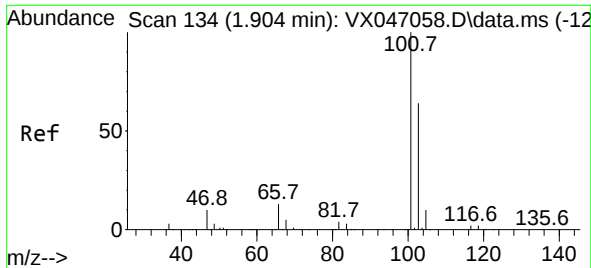
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#6
Chloroethane
Concen: 17.337 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

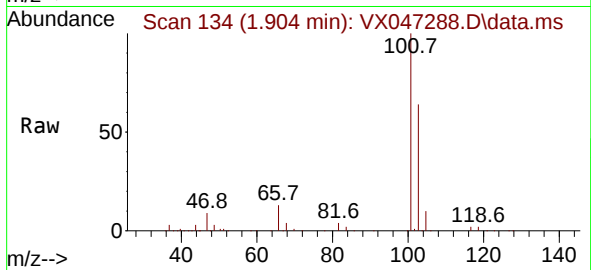
Tgt Ion: 64 Resp: 42892
Ion Ratio Lower Upper
64 100
66 31.1 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 19.219 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047288.D
 Acq: 12 Aug 2025 11:52

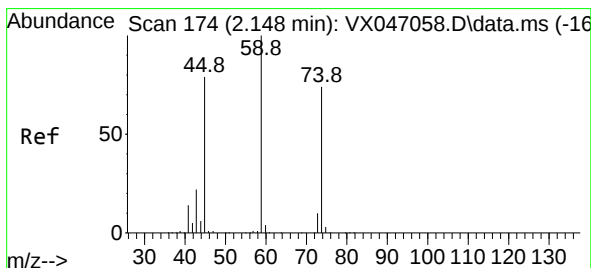
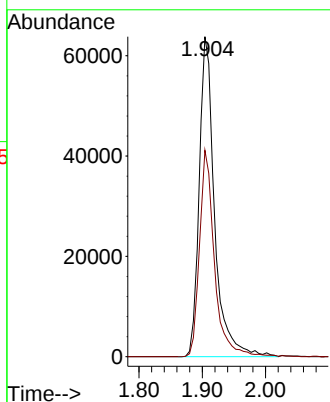
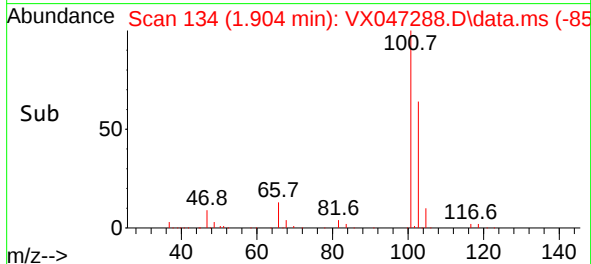
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01



Tgt Ion:101 Resp: 10795
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.9 76.3

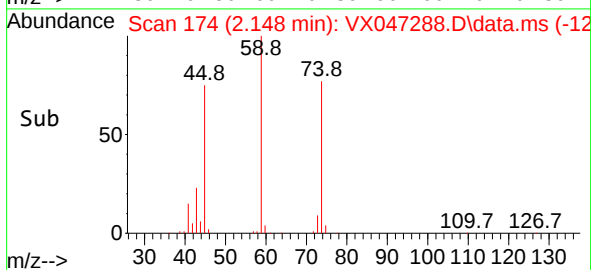
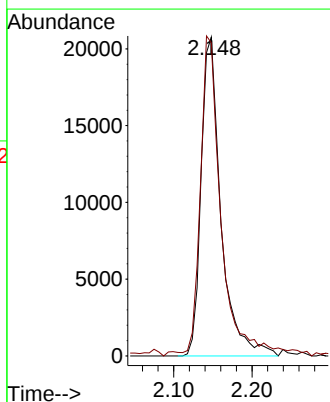
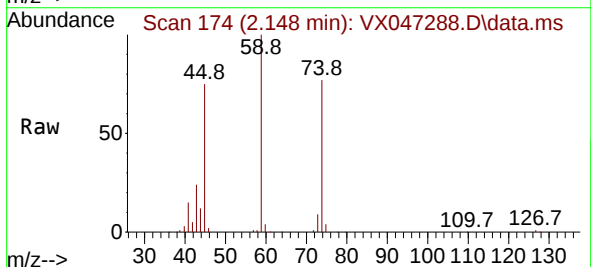
Manual Integrations
 APPROVED

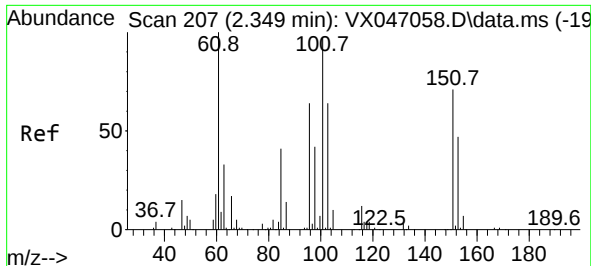
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#8
 Diethyl Ether
 Concen: 18.403 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047288.D
 Acq: 12 Aug 2025 11:52

Tgt Ion: 74 Resp: 36446
 Ion Ratio Lower Upper
 74 100
 45 105.5 53.0 159.0





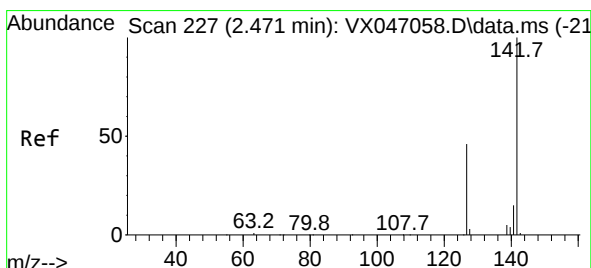
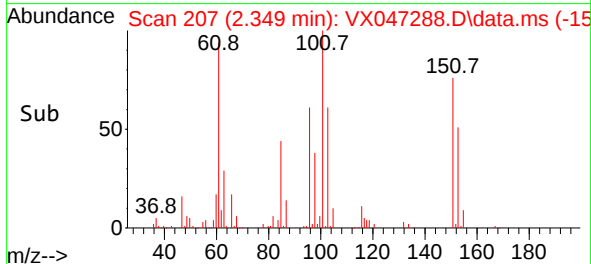
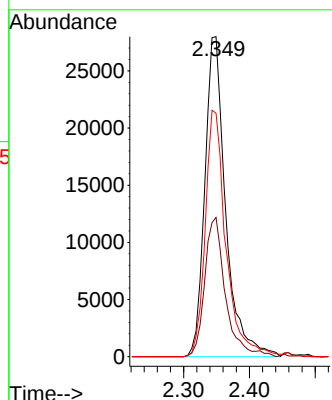
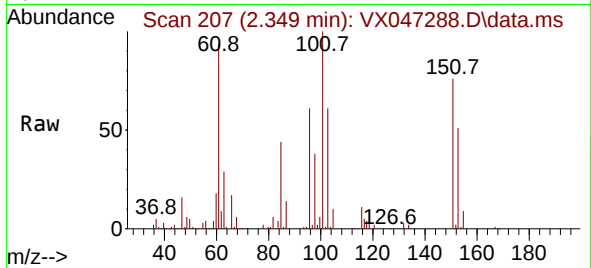
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.246 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Tgt Ion:101 Resp: 61749
Ion Ratio Lower Upper
101 100
85 43.2 35.4 53.0
151 76.6 59.2 88.8

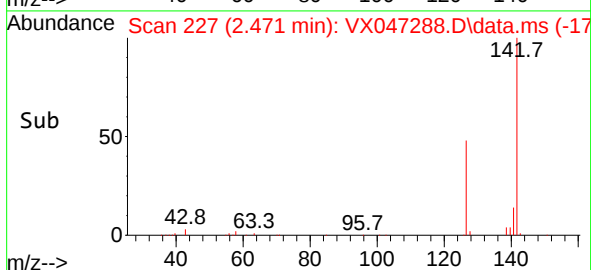
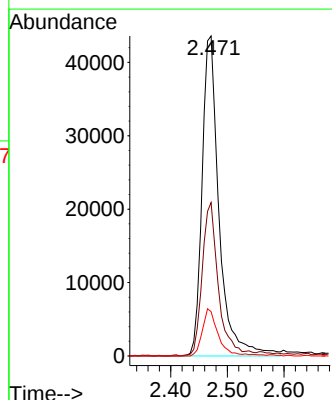
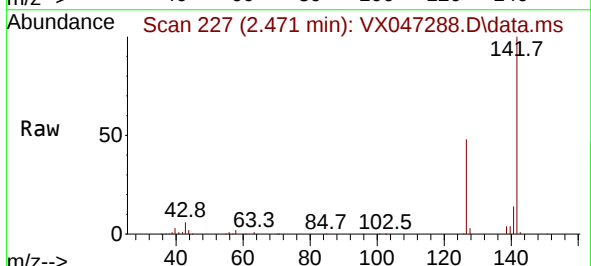
Manual Integrations
APPROVED

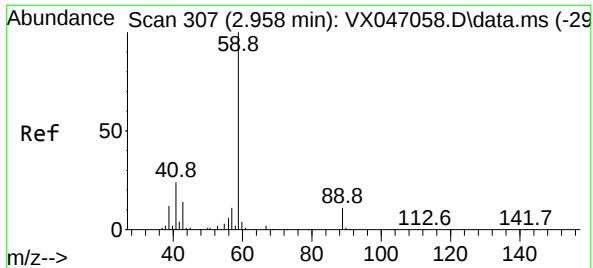
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#10
Methyl Iodide
Concen: 26.326 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Tgt Ion:142 Resp: 90798
Ion Ratio Lower Upper
142 100
127 45.9 36.6 54.8
141 13.8 10.9 16.3





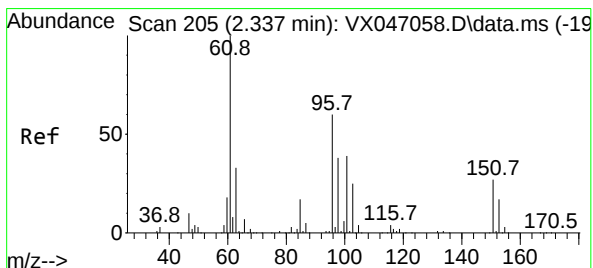
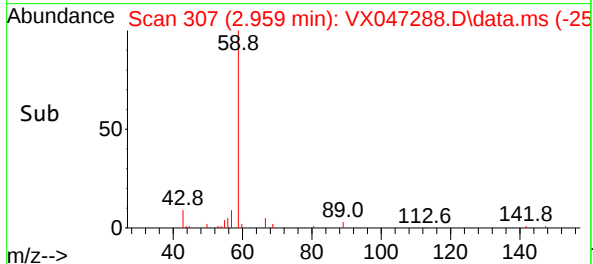
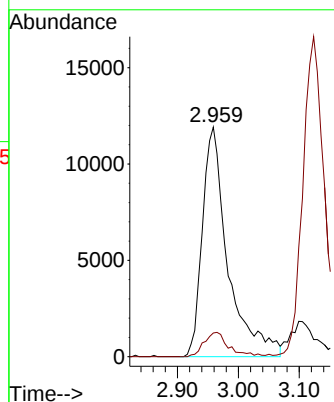
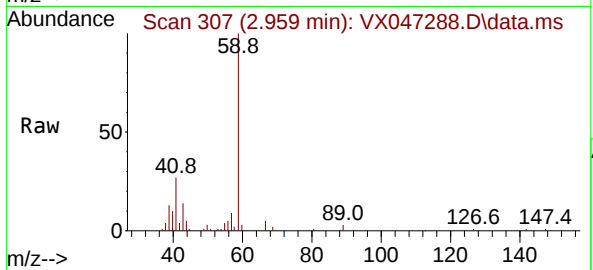
#11
Tert butyl alcohol
Concen: 82.511 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Tgt Ion: 59 Resp: 3472
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

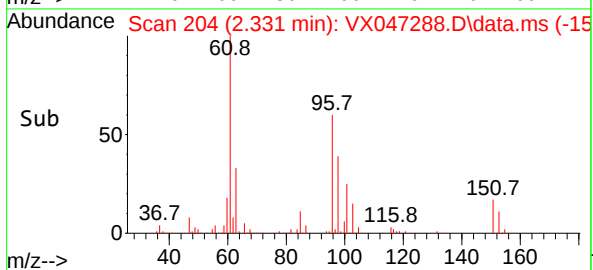
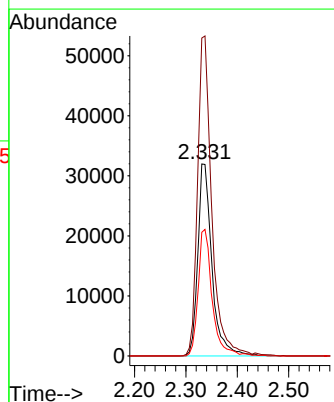
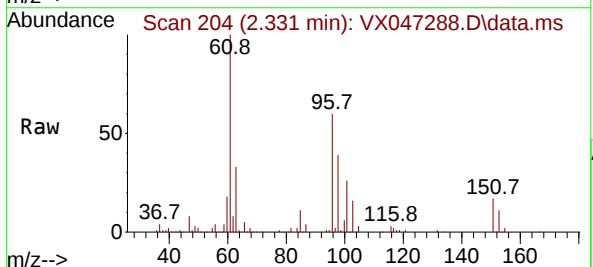
Manual Integrations
APPROVED

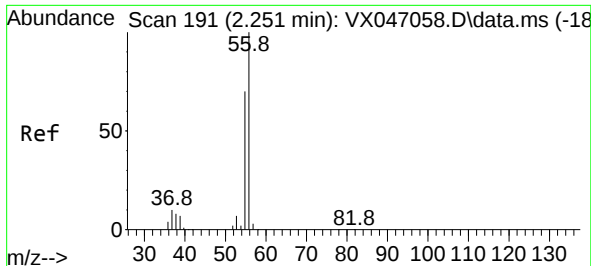
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#12
1,1-Dichloroethene
Concen: 18.315 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

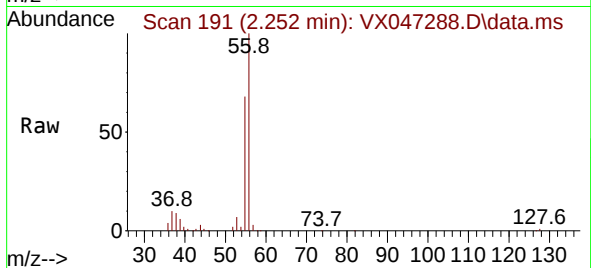
Tgt Ion: 96 Resp: 61388
Ion Ratio Lower Upper
96 100
61 165.6 132.6 198.8
98 66.0 50.2 75.4





#13
Acrolein
Concen: 152.908 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

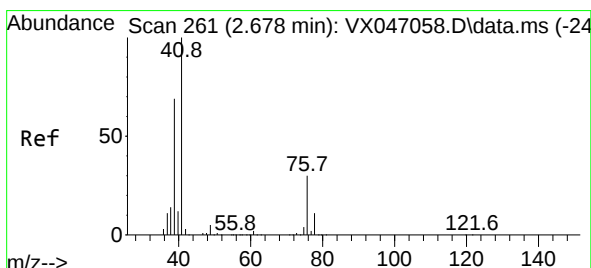
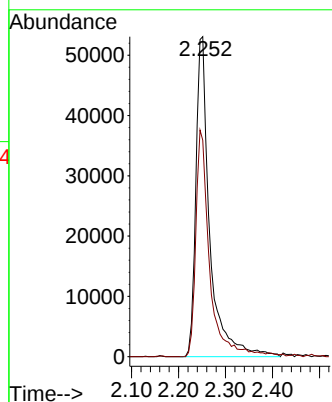
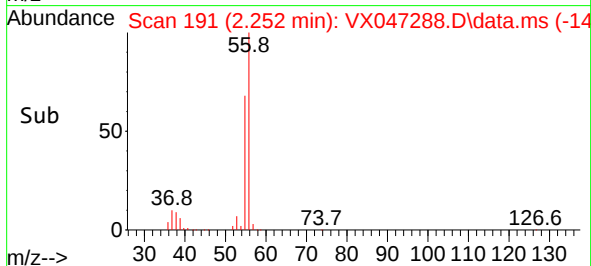
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion: 56 Resp: 109384
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5

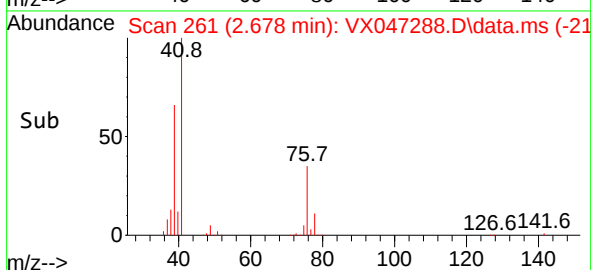
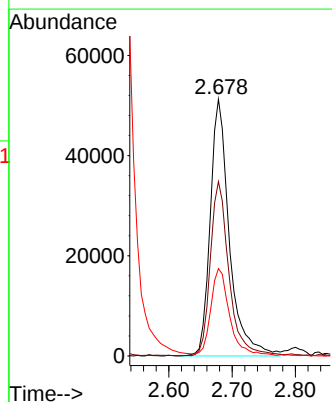
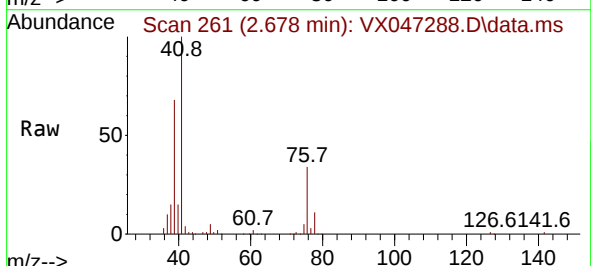
Manual Integrations
APPROVED

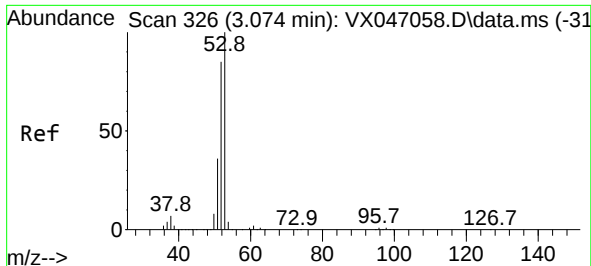
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#14
Allyl chloride
Concen: 17.834 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

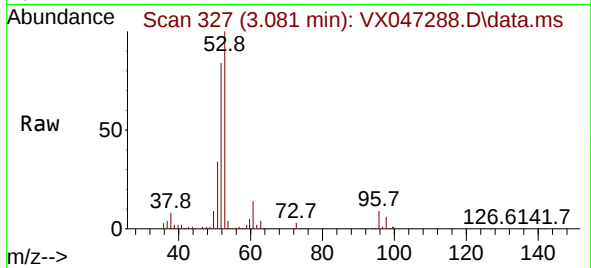
Tgt Ion: 41 Resp: 108053
Ion Ratio Lower Upper
41 100
39 66.3 52.6 78.8
76 32.8 25.7 38.5





#15
Acrylonitrile
Concen: 93.980 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

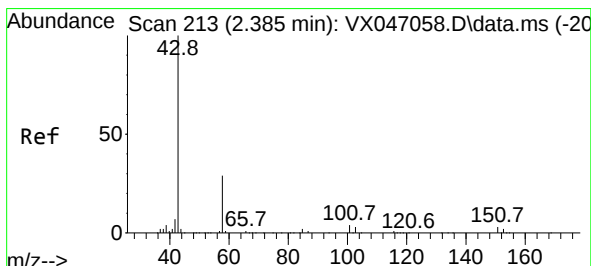
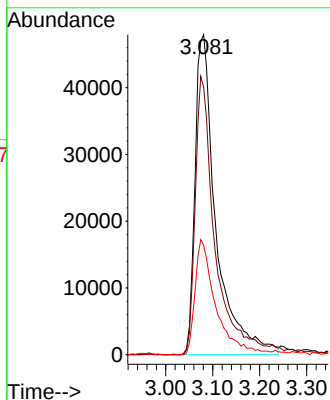
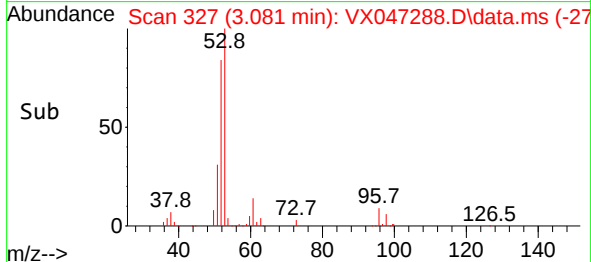
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion: 53 Resp: 148912
Ion Ratio Lower Upper
53 100
52 81.3 65.7 98.5
51 35.6 28.8 43.2

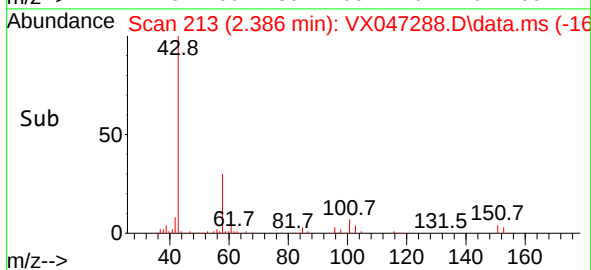
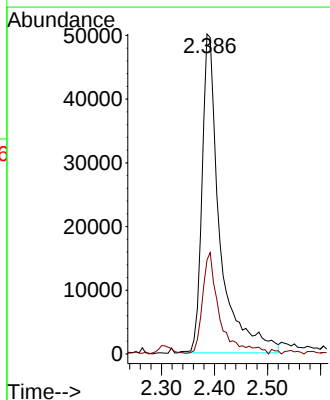
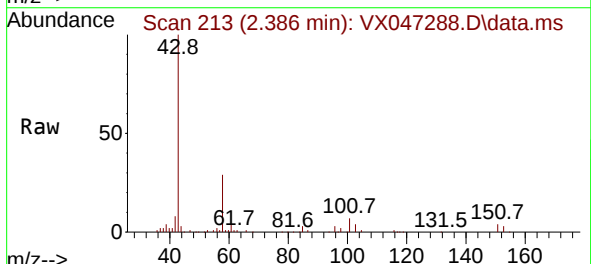
Manual Integrations
APPROVED

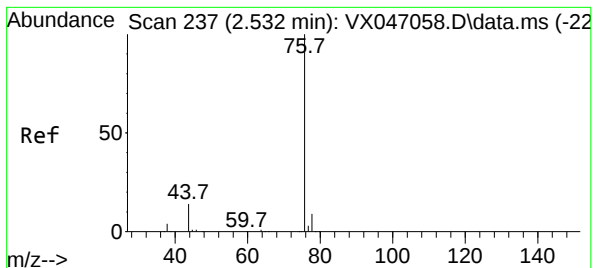
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#16
Acetone
Concen: 87.955 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Tgt Ion: 43 Resp: 117062
Ion Ratio Lower Upper
43 100
58 29.0 24.0 36.0





#17

Carbon Disulfide

Concen: 18.176 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

Tgt Ion: 76 Resp: 17624

Ion Ratio Lower Upper

76 100

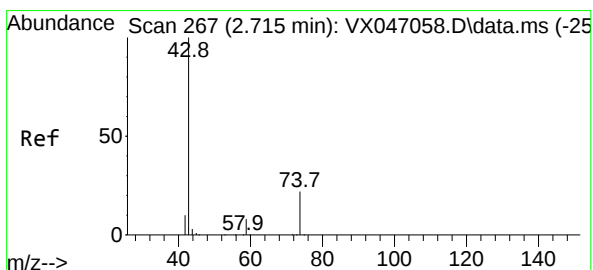
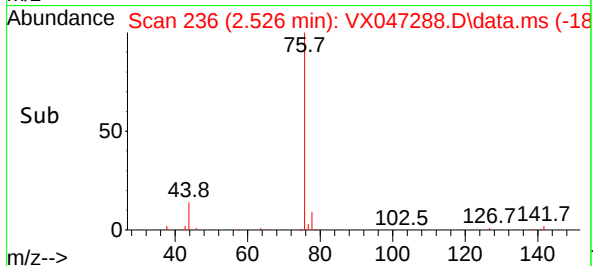
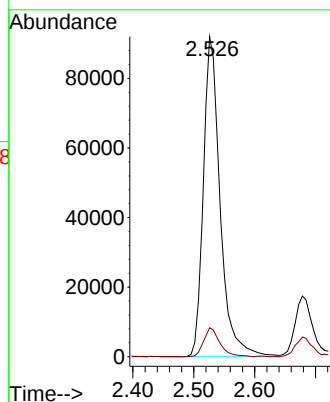
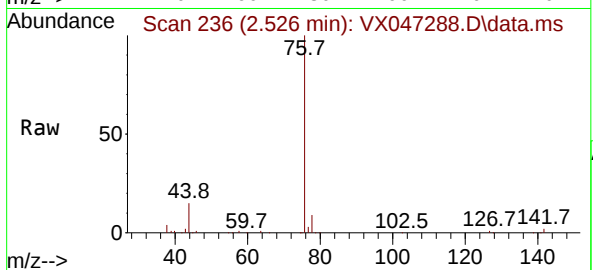
78 9.3 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#18

Methyl Acetate

Concen: 20.493 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.000 min

Lab File: VX047288.D

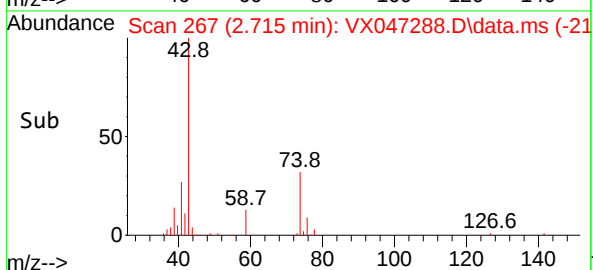
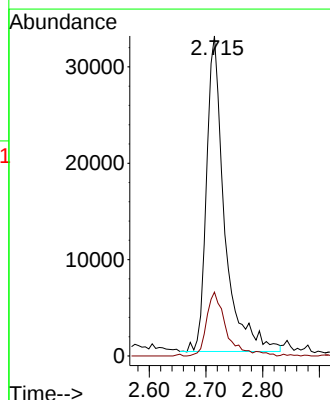
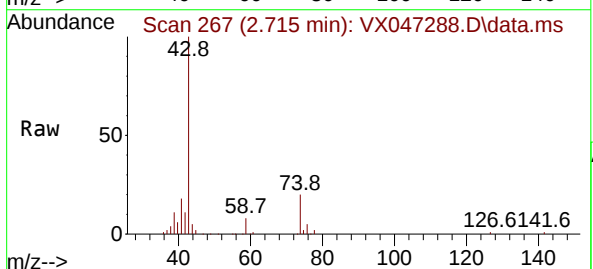
Acq: 12 Aug 2025 11:52

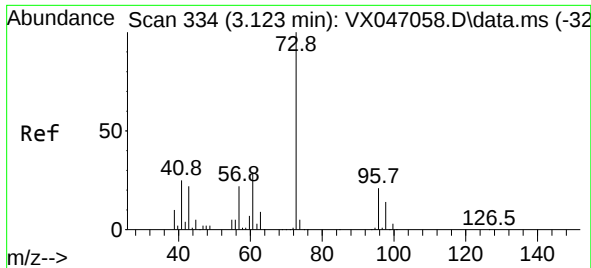
Tgt Ion: 43 Resp: 72484

Ion Ratio Lower Upper

43 100

74 21.1 17.7 26.5





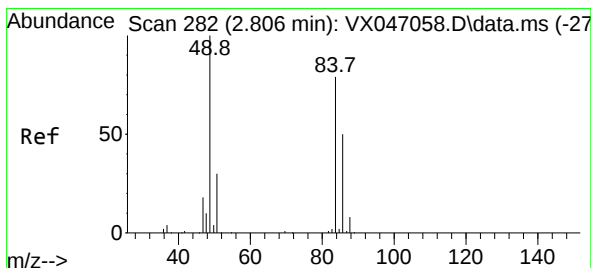
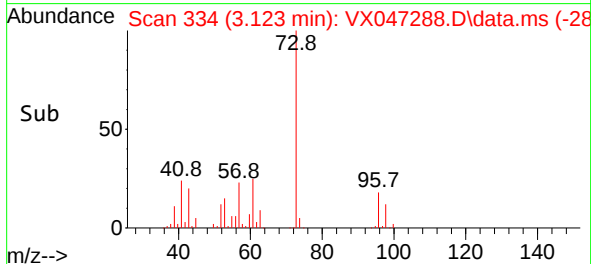
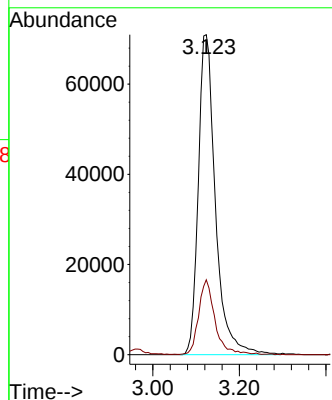
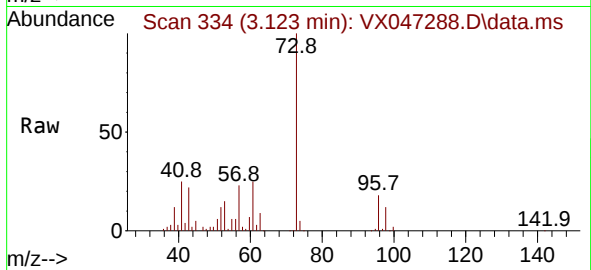
#19
Methyl tert-butyl Ether
Concen: 19.110 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Tgt Ion: 73 Resp: 19493
Ion Ratio Lower Upper
73 100
57 23.4 17.7 26.5

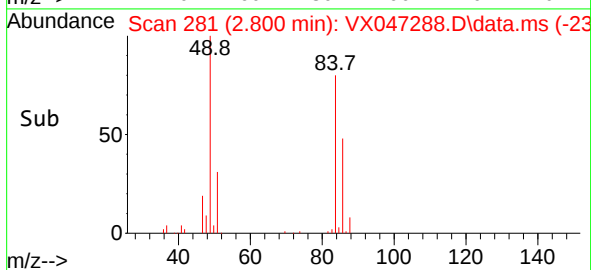
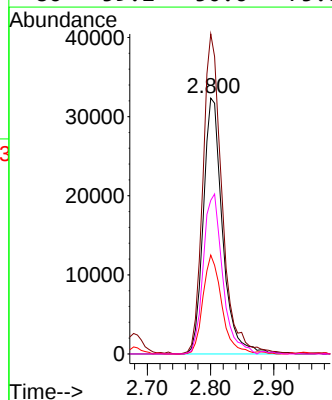
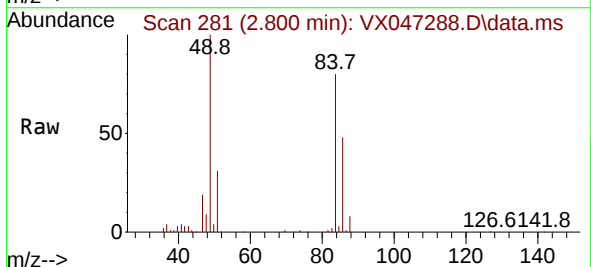
Manual Integrations
APPROVED

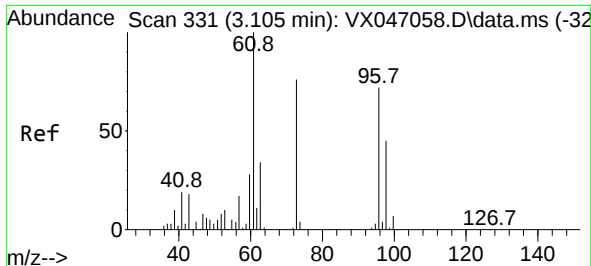
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#20
Methylene Chloride
Concen: 18.650 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

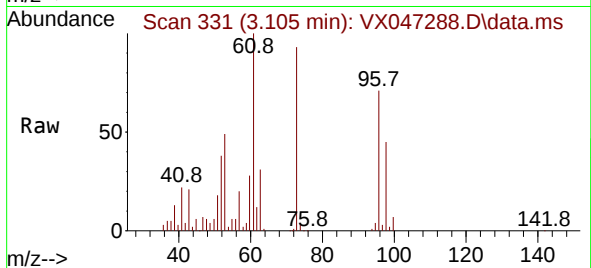
Tgt Ion: 84 Resp: 68289
Ion Ratio Lower Upper
84 100
49 121.1 101.6 152.4
51 37.4 30.3 45.5
86 59.2 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 18.386 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

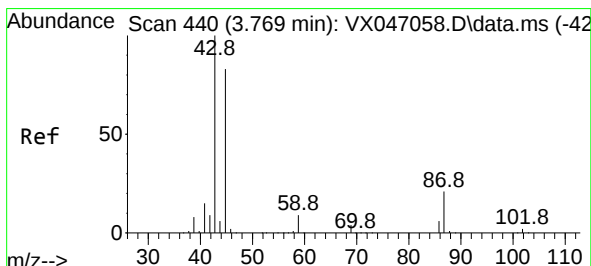
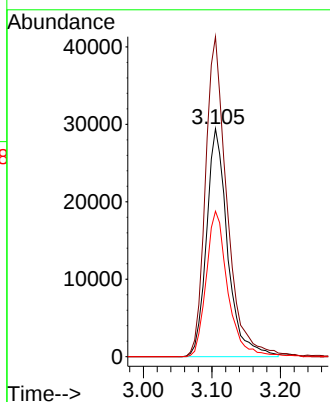
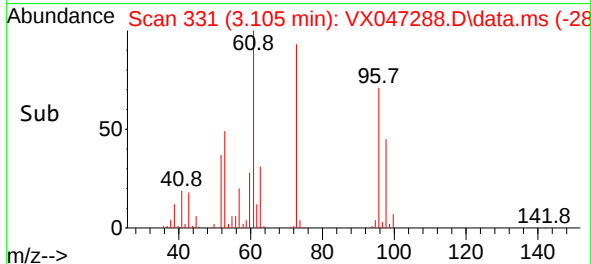
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



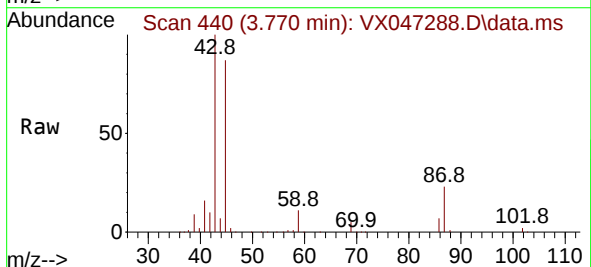
Tgt Ion: 96 Resp: 63062
Ion Ratio Lower Upper
96 100
61 140.4 111.1 166.7
98 63.8 49.6 74.4

Manual Integrations
APPROVED

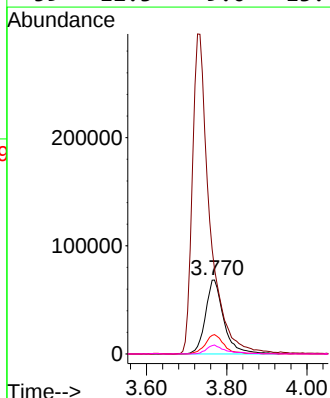
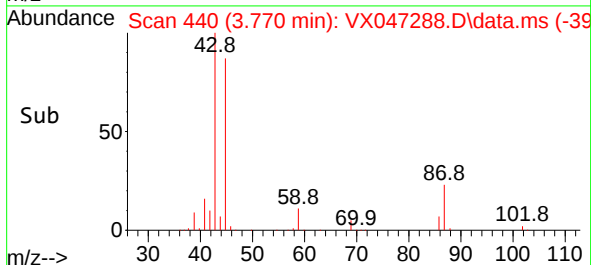
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

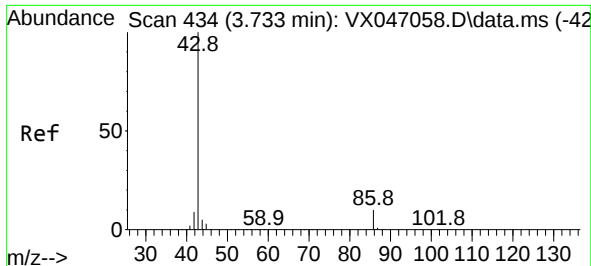


#22
Diisopropyl ether
Concen: 18.641 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52



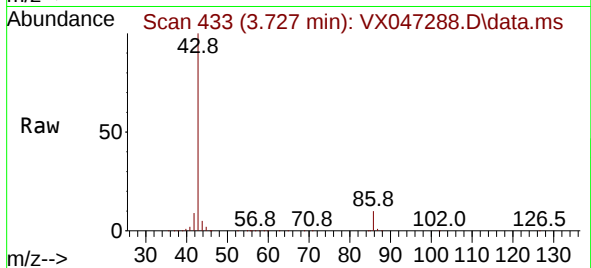
Tgt Ion: 45 Resp: 217146
Ion Ratio Lower Upper
45 100
43 114.3 96.8 145.2
87 26.0 20.5 30.7
59 12.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 95.391 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047288.D
 Acq: 12 Aug 2025 11:52

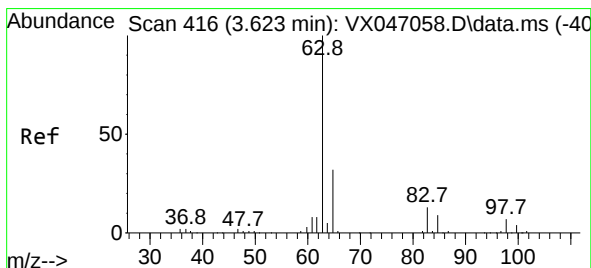
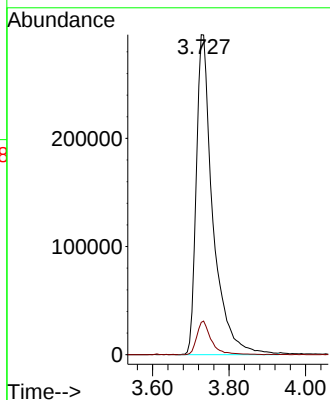
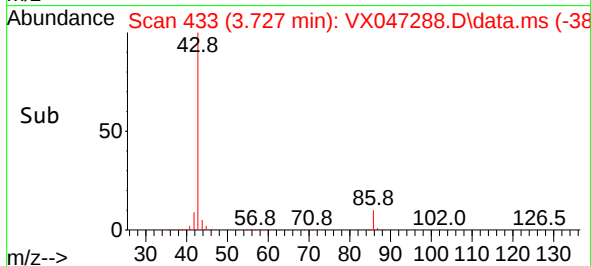
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01



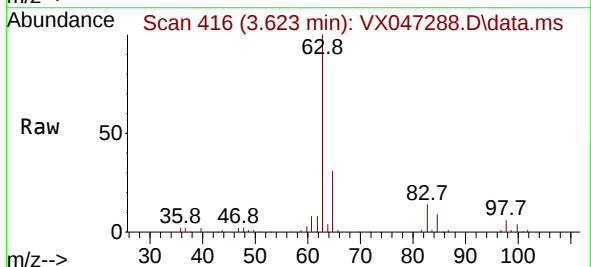
Tgt Ion: 43 Resp: 89123
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

Manual Integrations
 APPROVED

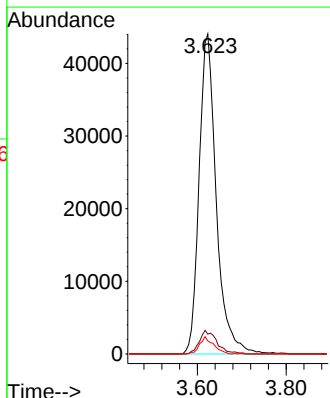
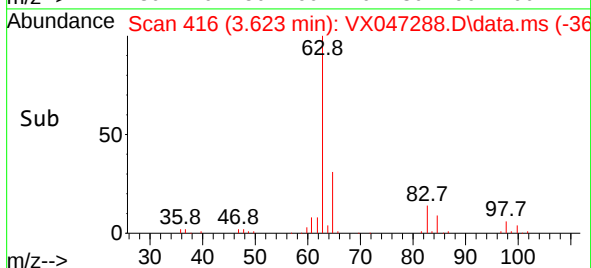
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

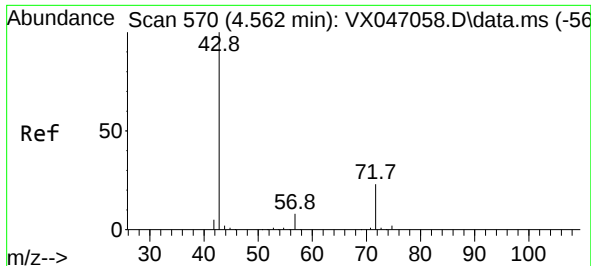


#24
 1,1-Dichloroethane
 Concen: 18.330 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047288.D
 Acq: 12 Aug 2025 11:52



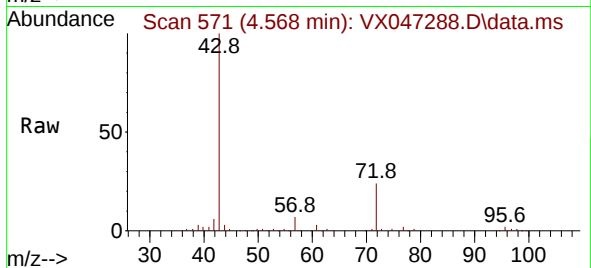
Tgt Ion: 63 Resp: 118731
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.8
 100 4.1 2.3 6.8





#25
2-Butanone
Concen: 88.371 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

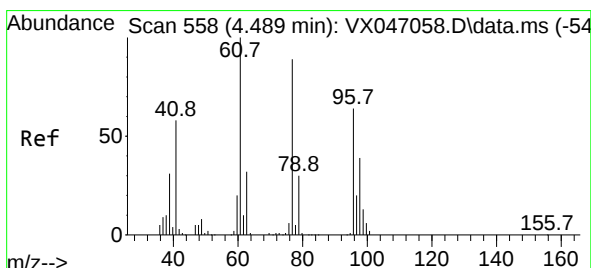
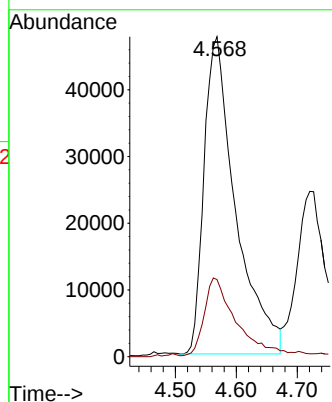
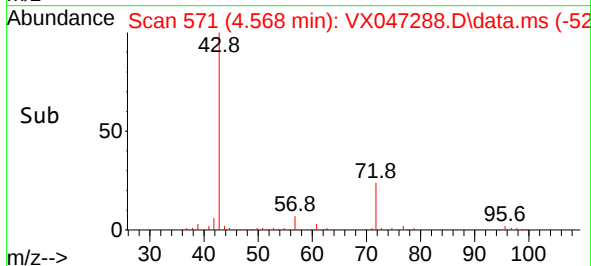
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion: 43 Resp: 171260
Ion Ratio Lower Upper
43 100
72 24.3 18.8 28.2

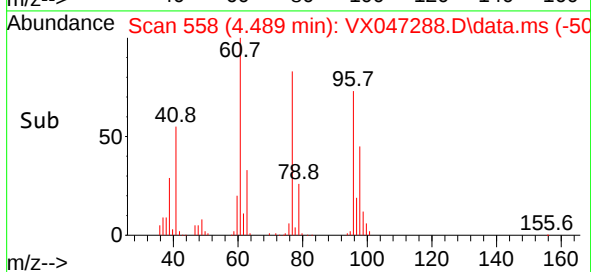
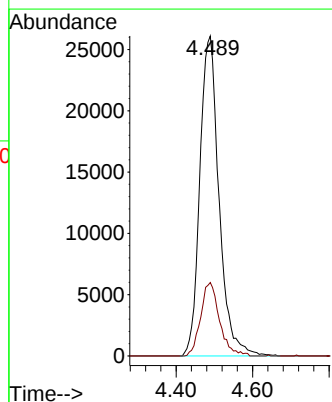
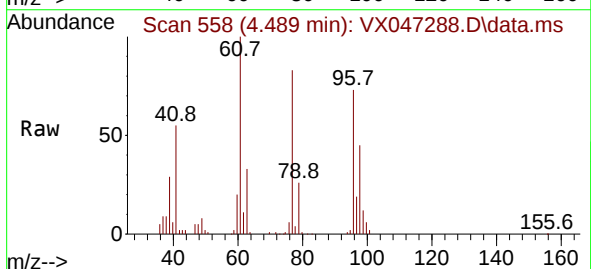
Manual Integrations
APPROVED

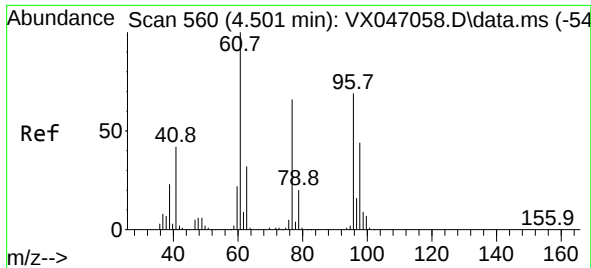
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#26
2,2-Dichloropropane
Concen: 18.102 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

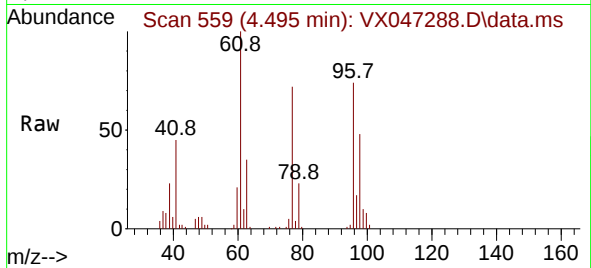
Tgt Ion: 77 Resp: 90767
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.457 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX047288.D
 Acq: 12 Aug 2025 11:52

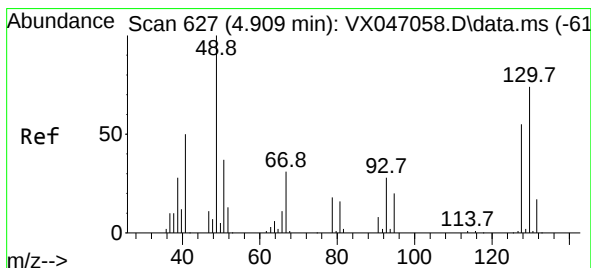
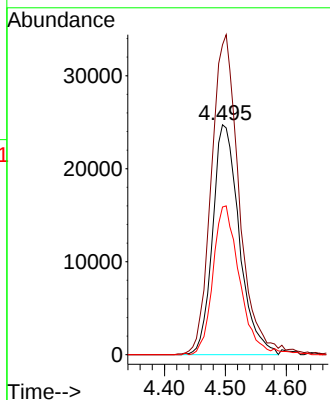
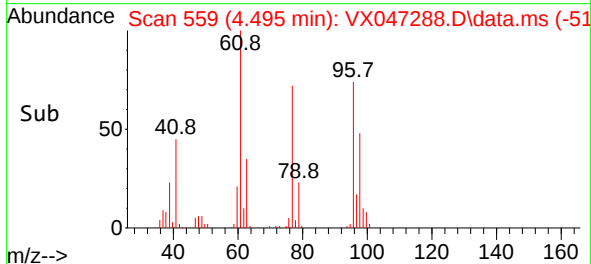
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01



Tgt Ion: 96 Resp: 7496
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 298.6
 98 63.9 0.0 128.8

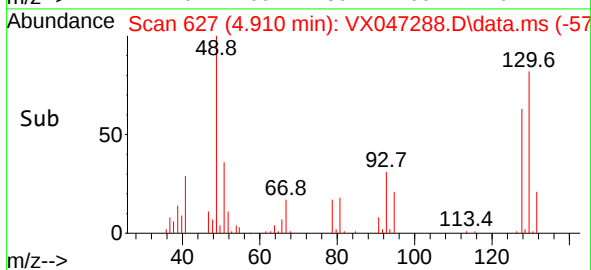
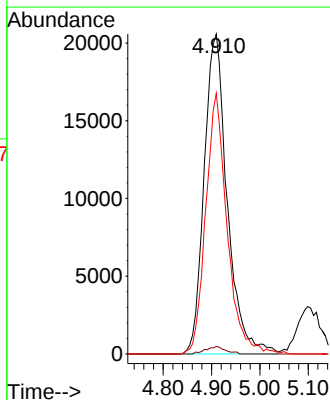
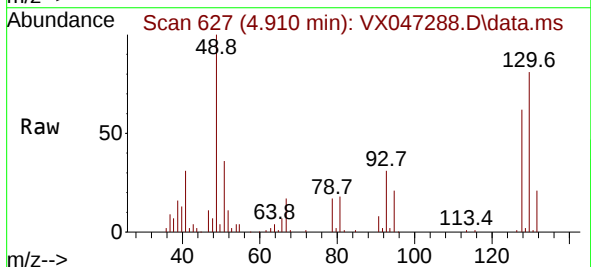
Manual Integrations
 APPROVED

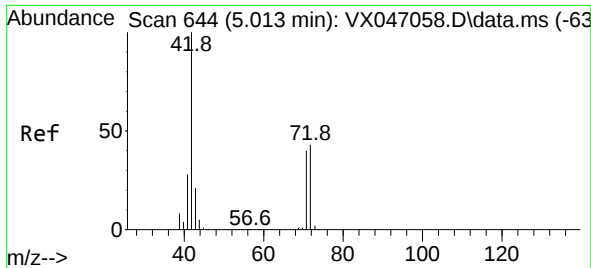
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#28
 Bromochloromethane
 Concen: 22.890 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VX047288.D
 Acq: 12 Aug 2025 11:52

Tgt Ion: 49 Resp: 68214
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 75.7 59.0 88.4





#29

Tetrahydrofuran

Concen: 84.883 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.007 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

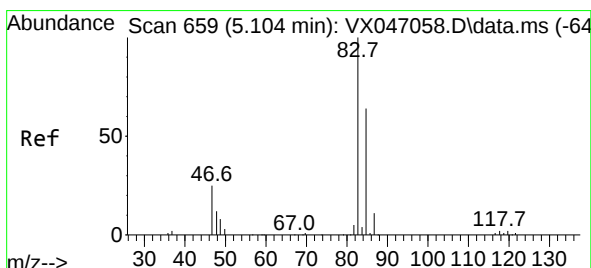
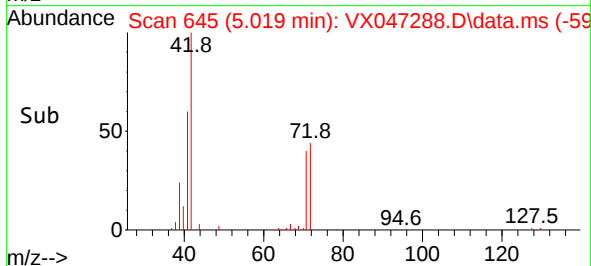
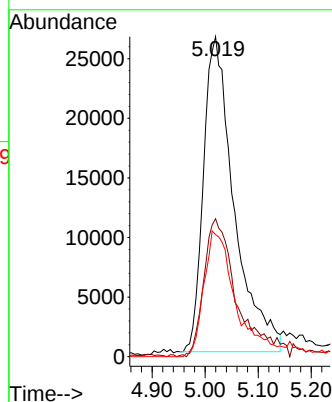
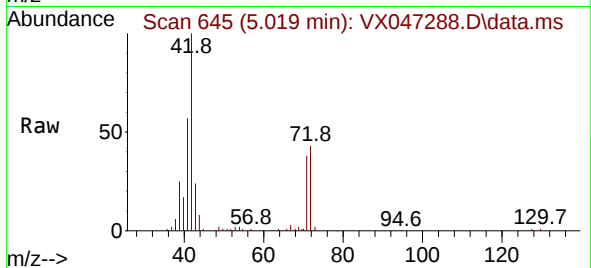
Tgt Ion:	42	Resp:	10613
Ion Ratio	Lower	Upper	
42	100		
72	47.3	33.7	50.5
71	41.5	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#30

Chloroform

Concen: 18.467 ug/l

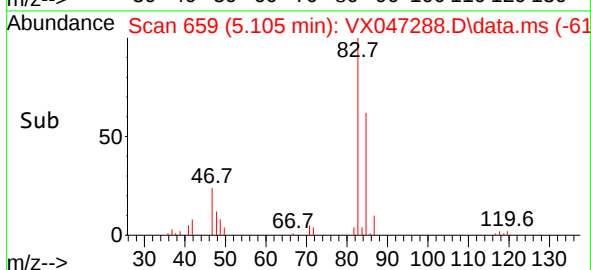
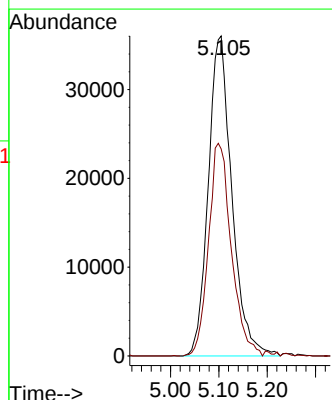
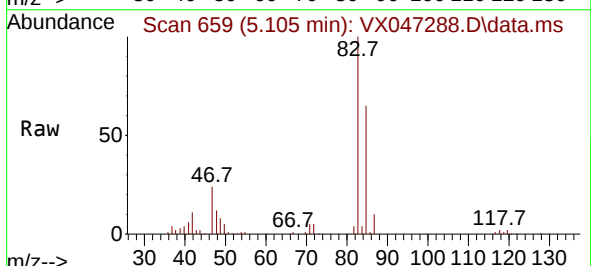
RT: 5.105 min Scan# 659

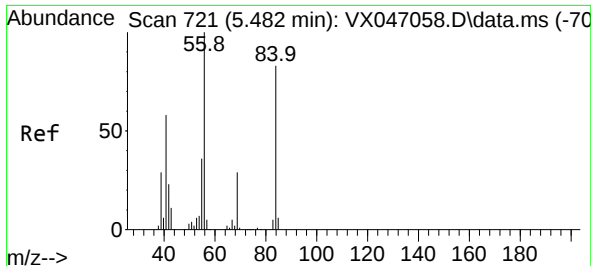
Delta R.T. 0.000 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

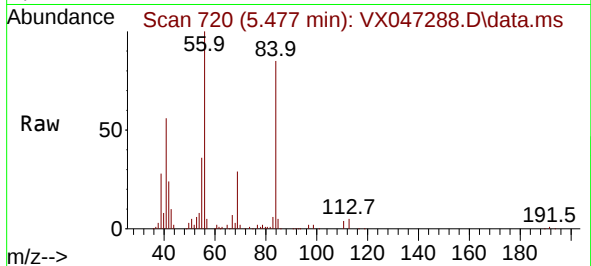
Tgt Ion:	83	Resp:	121763
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.9	76.3





#31
Cyclohexane
Concen: 17.389 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

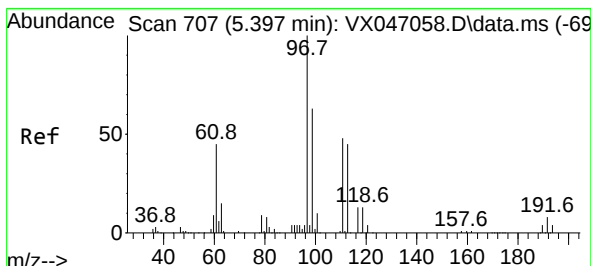
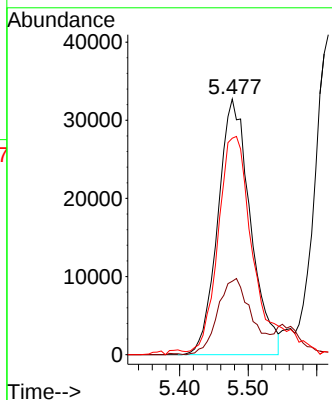
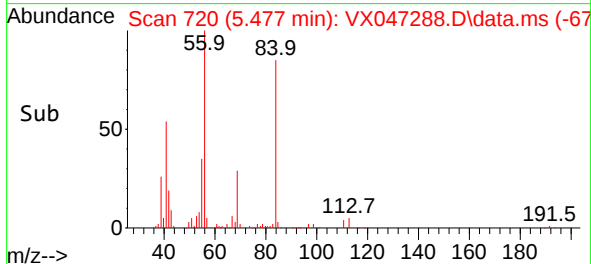
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion: 56 Resp: 108000
Ion Ratio Lower Upper
56 100
69 28.3 23.3 34.9
84 82.8 66.5 99.7

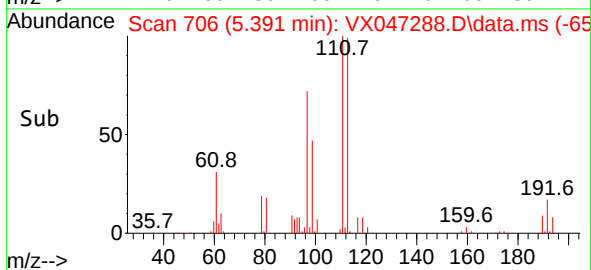
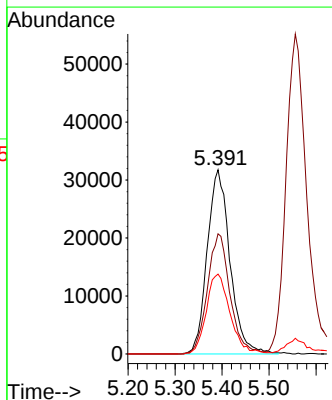
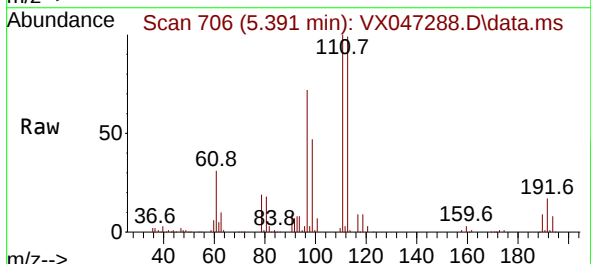
Manual Integrations
APPROVED

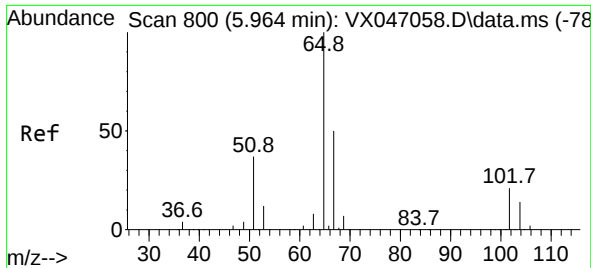
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#32
1,1,1-Trichloroethane
Concen: 18.685 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

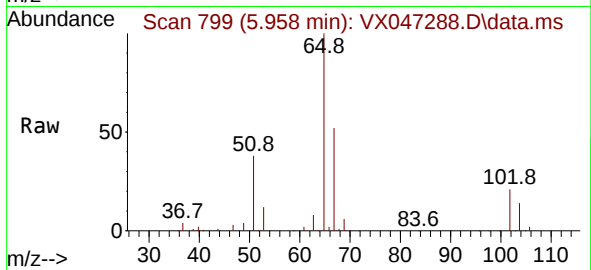
Tgt Ion: 97 Resp: 107008
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 45.3 37.1 55.7





#33
 1,2-Dichloroethane-d4
 Concen: 46.963 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX047288.D
 Acq: 12 Aug 2025 11:52

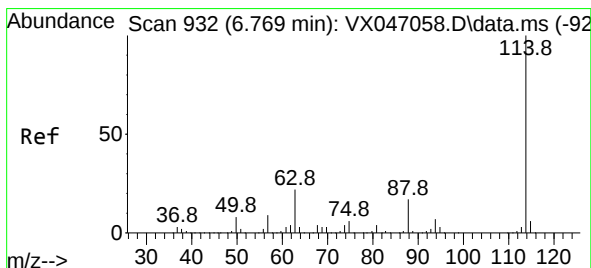
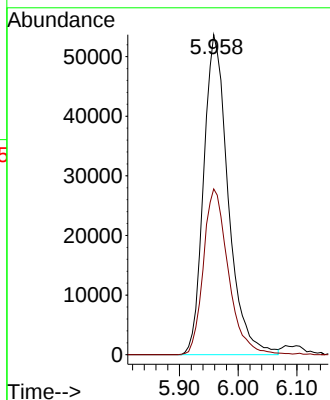
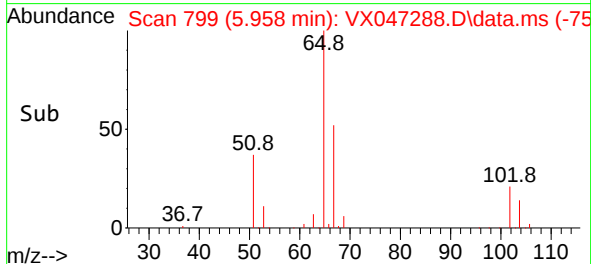
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01



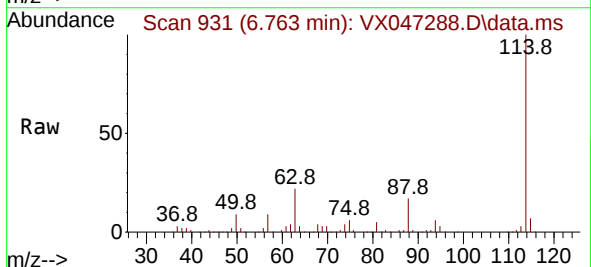
Tgt Ion: 65 Resp: 15602
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8

Manual Integrations
 APPROVED

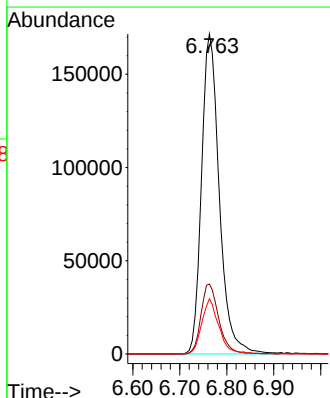
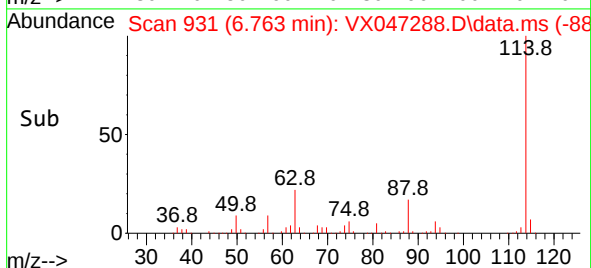
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

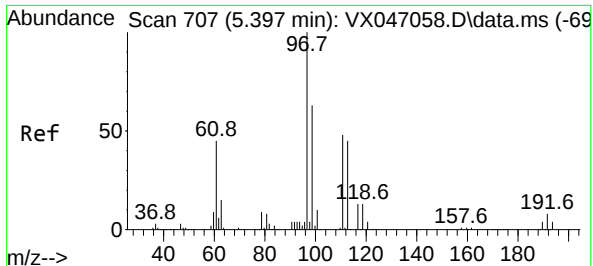


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047288.D
 Acq: 12 Aug 2025 11:52



Tgt Ion:114 Resp: 450165
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.2
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.458 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

Tgt Ion:113 Resp: 140240

Ion Ratio Lower Upper

113 100

111 100.6 82.6 124.0

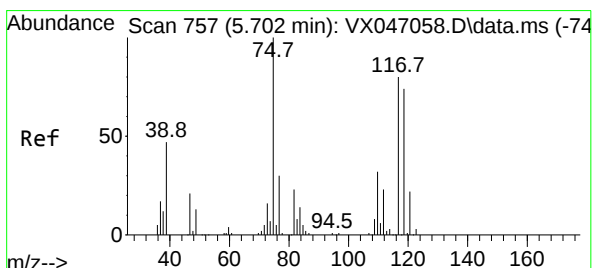
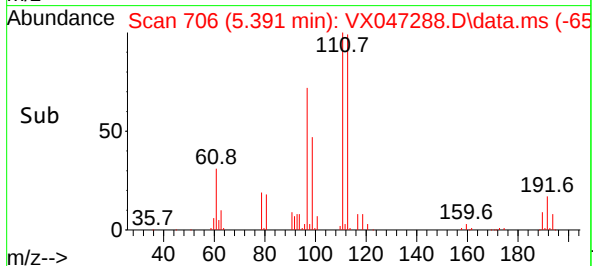
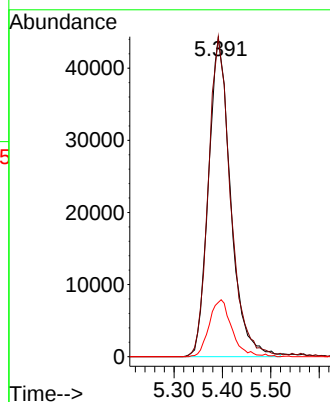
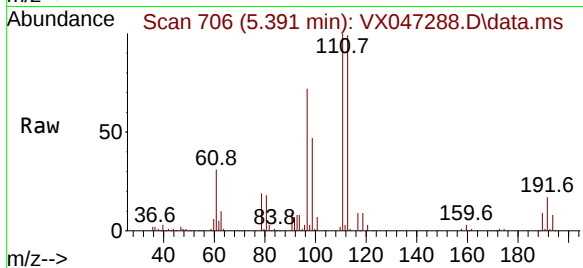
192 18.2 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#36

1,1-Dichloropropene

Concen: 17.638 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

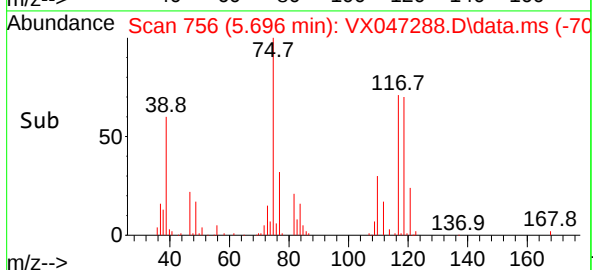
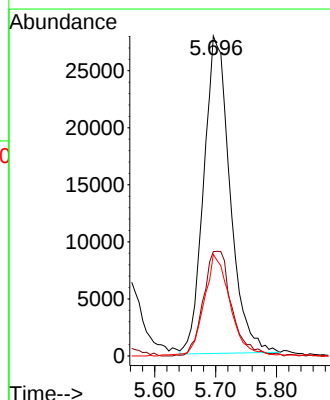
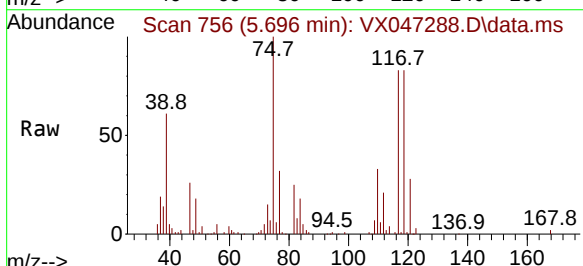
Tgt Ion: 75 Resp: 83564

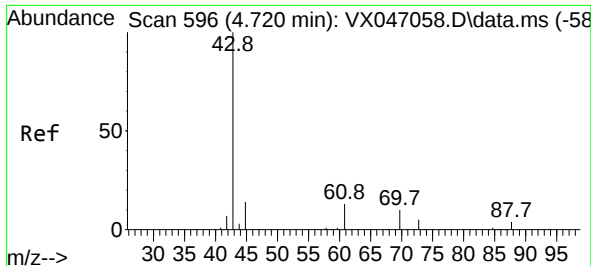
Ion Ratio Lower Upper

75 100

110 35.5 17.2 51.5

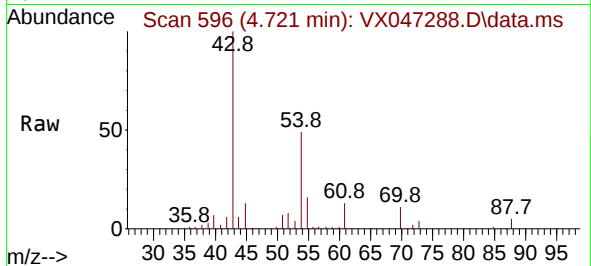
77 32.0 25.1 37.7





#37
Ethyl Acetate
Concen: 20.726 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

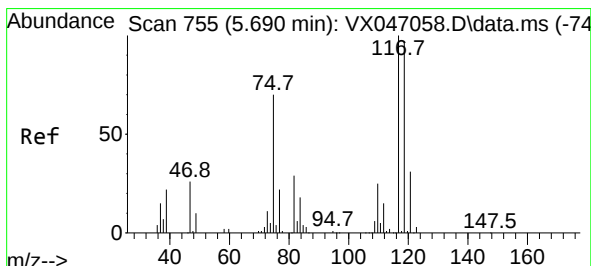
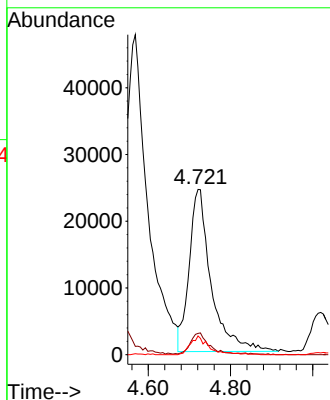
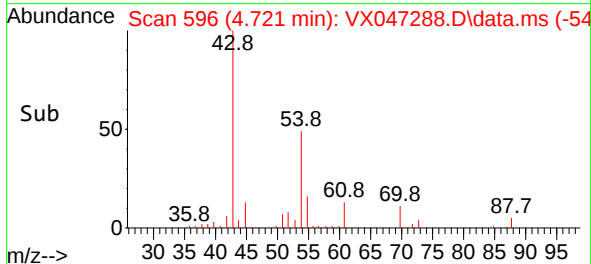
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion: 43 Resp: 90485
Ion Ratio Lower Upper
43 100
61 10.3 10.2 15.2
70 9.6 8.1 12.1

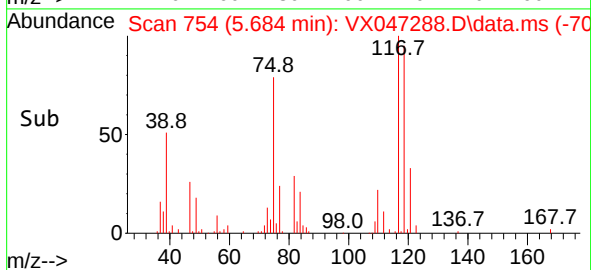
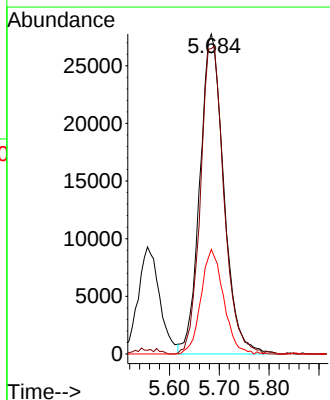
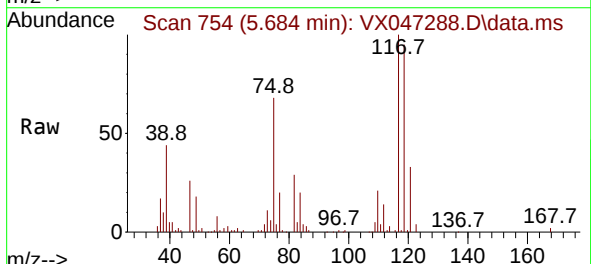
Manual Integrations
APPROVED

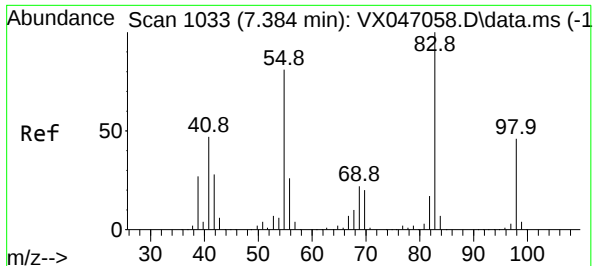
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#38
Carbon Tetrachloride
Concen: 18.286 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Tgt Ion:117 Resp: 92470
Ion Ratio Lower Upper
117 100
119 95.4 76.6 115.0
121 32.6 24.4 36.6





#39

Methylcyclohexane

Concen: 18.264 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

Tgt Ion: 83 Resp: 10804

Ion Ratio Lower Upper

83 100

55 73.3 64.5 96.7

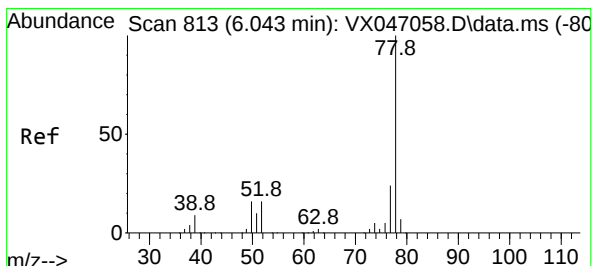
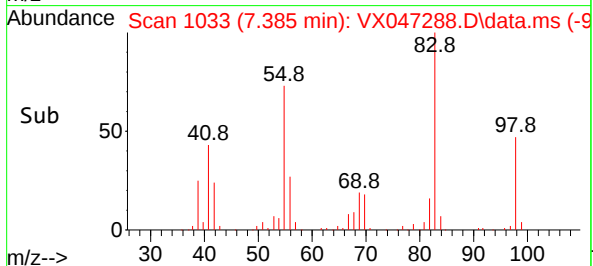
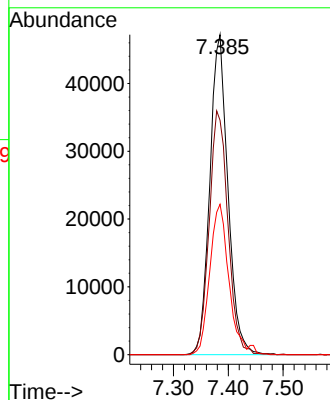
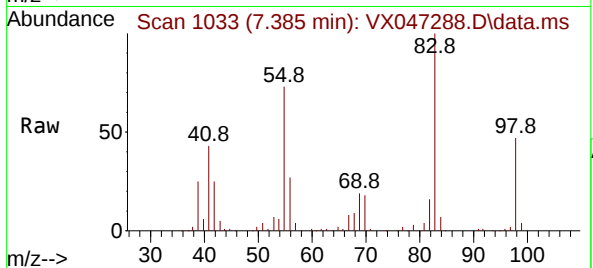
98 47.0 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#40

Benzene

Concen: 18.710 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047288.D

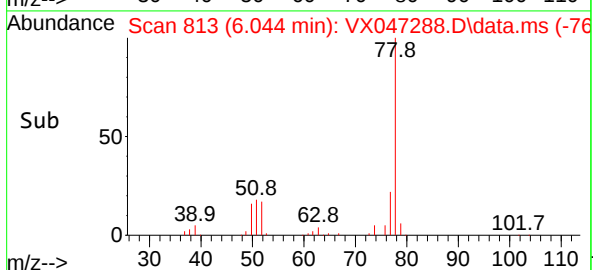
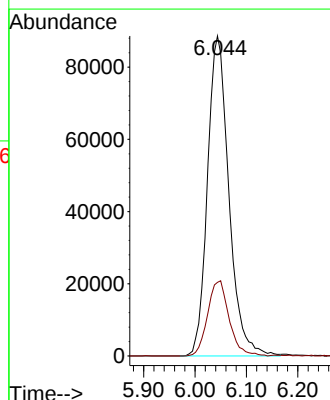
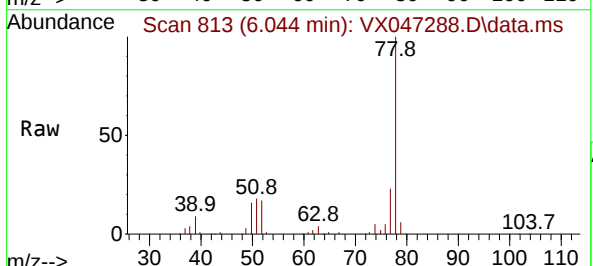
Acq: 12 Aug 2025 11:52

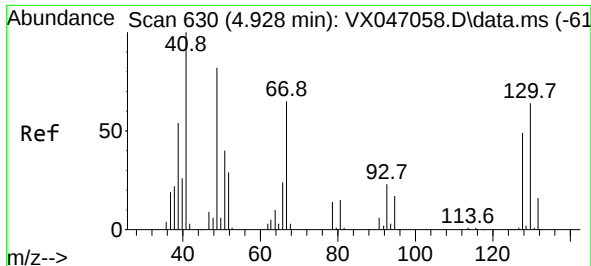
Tgt Ion: 78 Resp: 256537

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.4





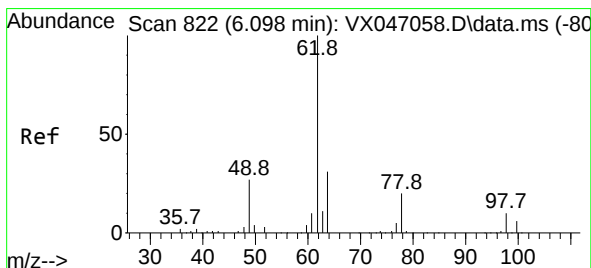
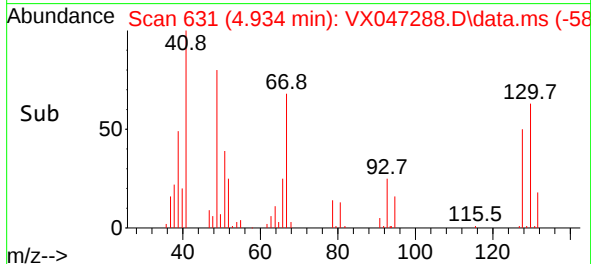
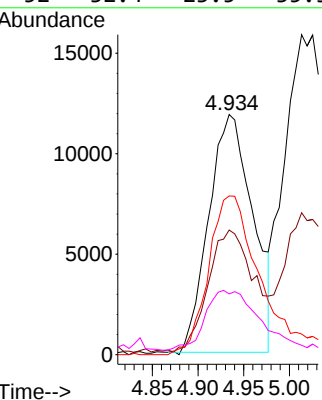
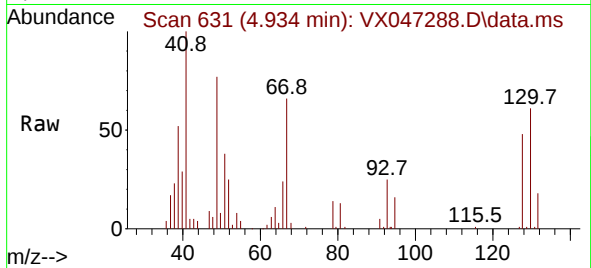
#41
Methacrylonitrile
Concen: 17.439 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Tgt Ion: 41	Resp: 3980
Ion Ratio	Lower Upper
41 100	
39 53.3	44.2 66.2
67 80.8	56.4 84.6
52 32.4	23.5 35.3

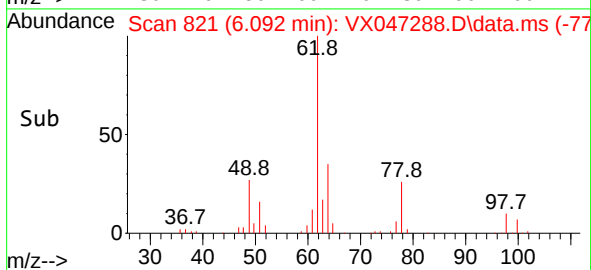
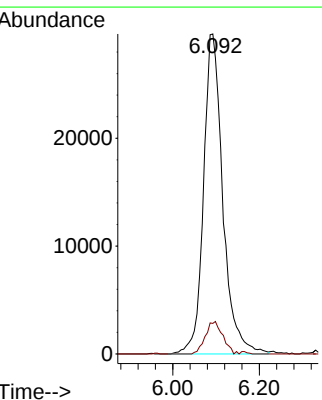
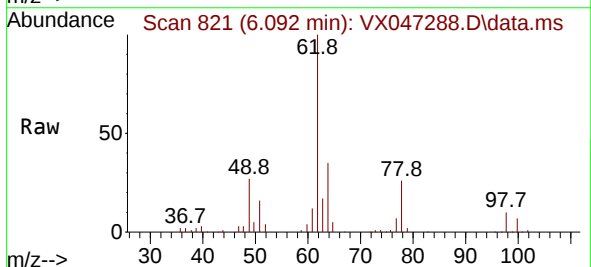
Manual Integrations
APPROVED

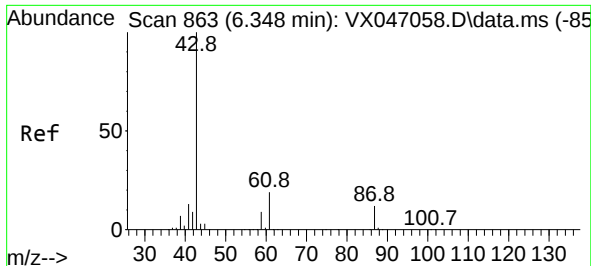
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#42
1,2-Dichloroethane
Concen: 19.007 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

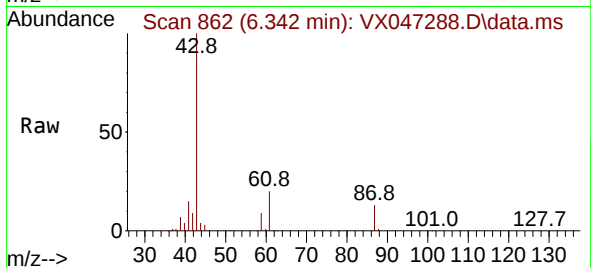
Tgt Ion: 62	Resp: 91804
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 18.8





#43
Isopropyl Acetate
Concen: 19.859 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

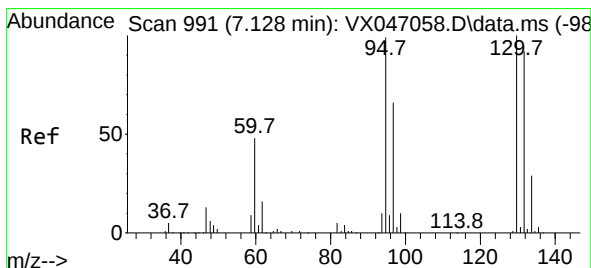
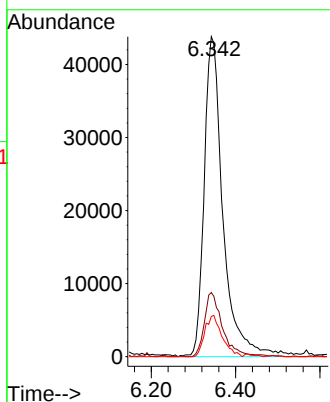
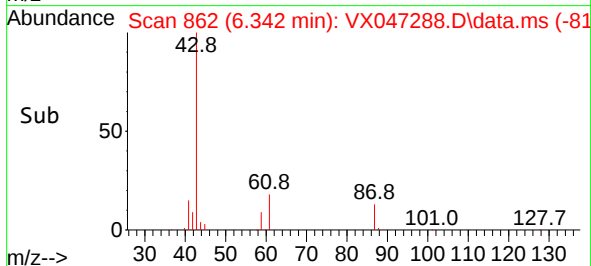
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion: 43 Resp: 135160
Ion Ratio Lower Upper
43 100
61 19.5 15.1 22.7
87 11.9 9.7 14.5

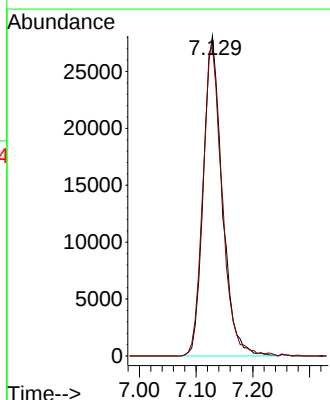
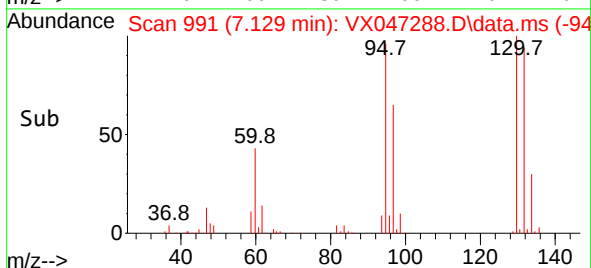
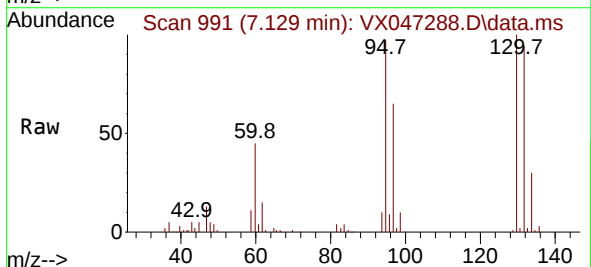
Manual Integrations
APPROVED

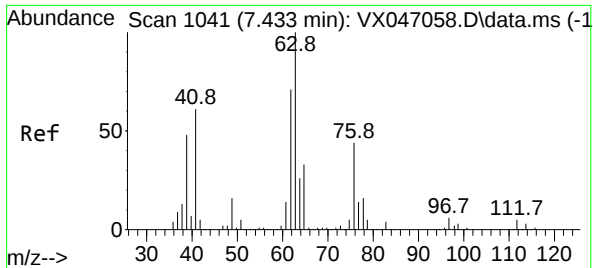
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#44
Trichloroethene
Concen: 18.418 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Tgt Ion:130 Resp: 64759
Ion Ratio Lower Upper
130 100
95 96.9 0.0 198.6





#45

1,2-Dichloropropane

Concen: 18.563 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

Tgt Ion: 63 Resp: 63740

Ion Ratio Lower Upper

63 100

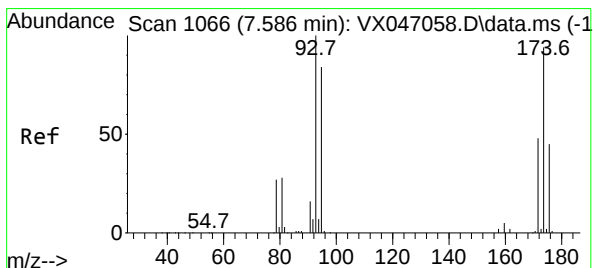
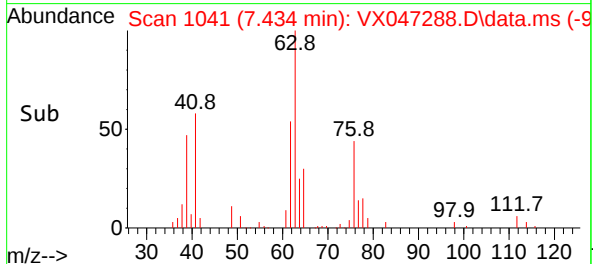
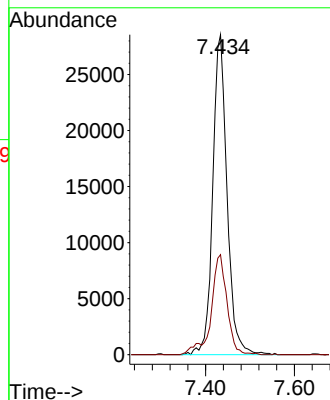
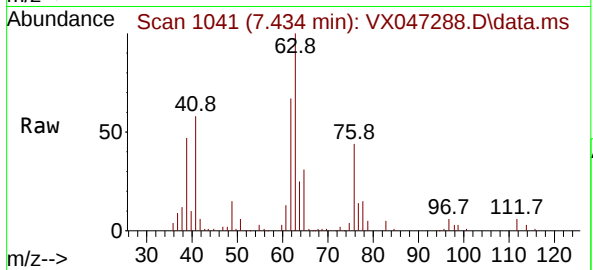
65 31.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#46

Dibromomethane

Concen: 19.339 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

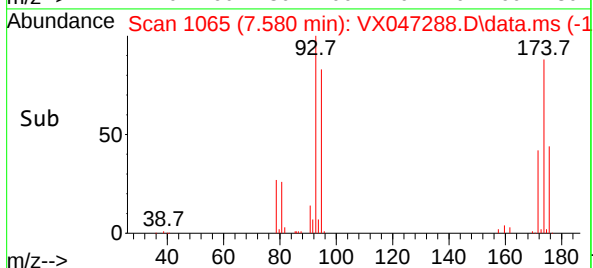
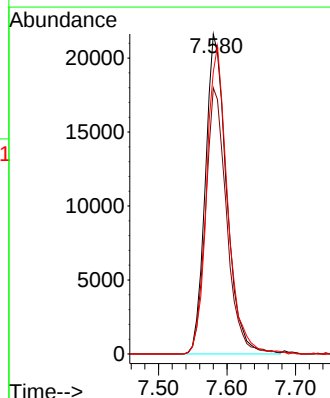
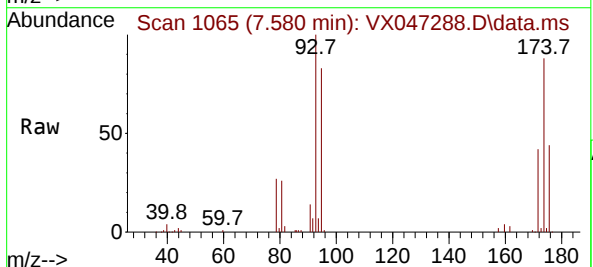
Tgt Ion: 93 Resp: 46573

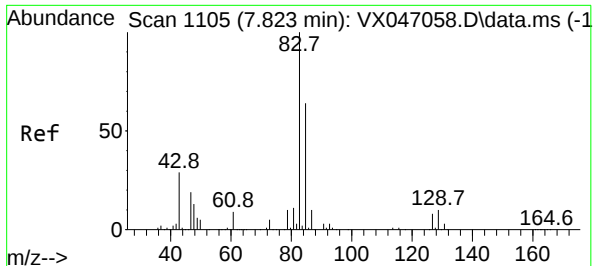
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

174 94.4 74.6 112.0





#47

Bromodichloromethane

Concen: 18.645 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

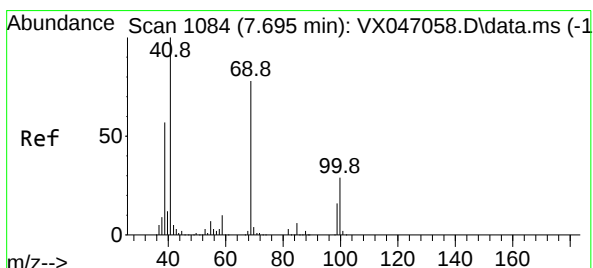
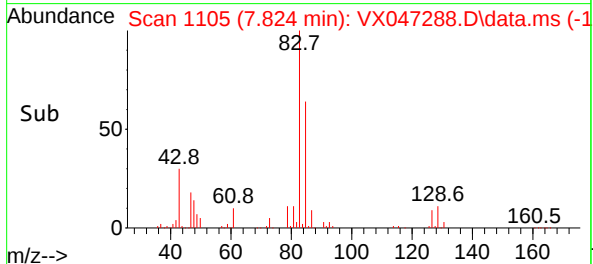
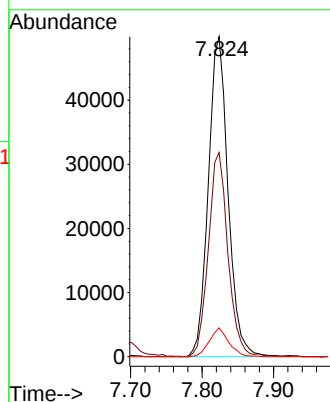
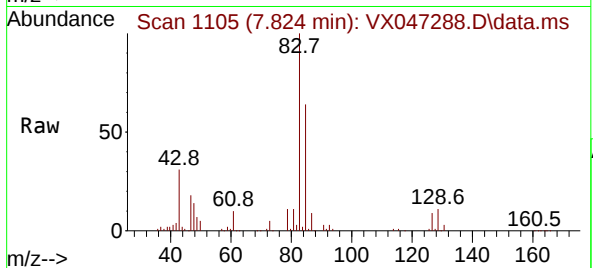
Tgt Ion:	83	Resp:	9557
Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.9	74.9
127	9.0	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#48

Methyl methacrylate

Concen: 18.402 ug/l

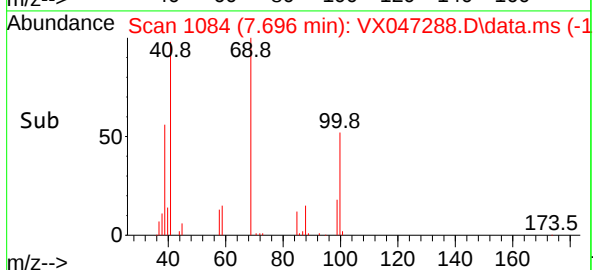
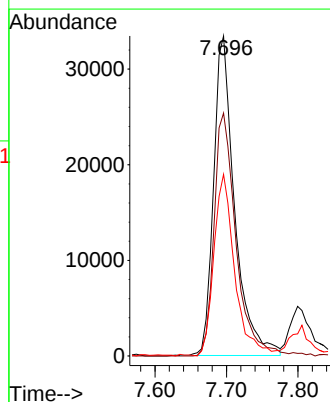
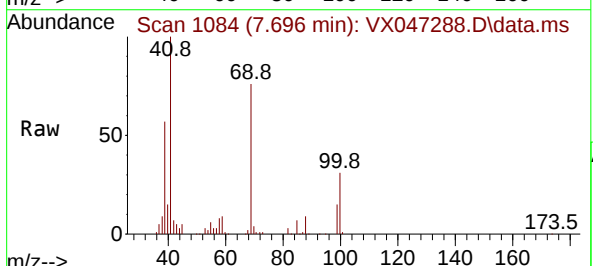
RT: 7.696 min Scan# 1084

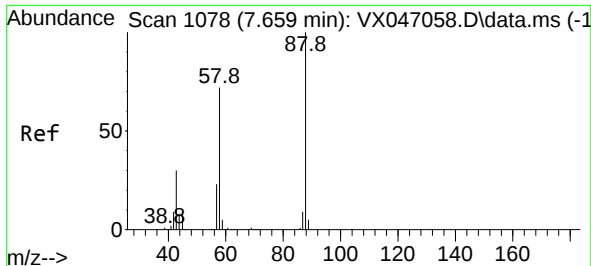
Delta R.T. 0.000 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

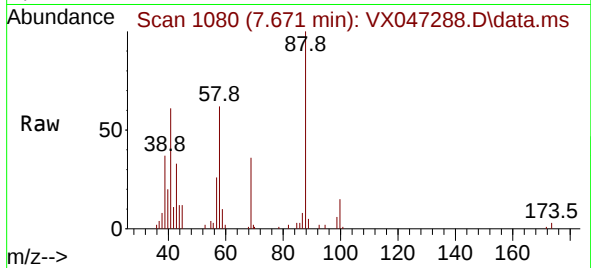
Tgt Ion:	41	Resp:	68229
Ion	Ratio	Lower	Upper
41	100		
69	79.1	62.3	93.5
39	55.7	44.8	67.2





#49
1,4-Dioxane
Concen: 372.088 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.013 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

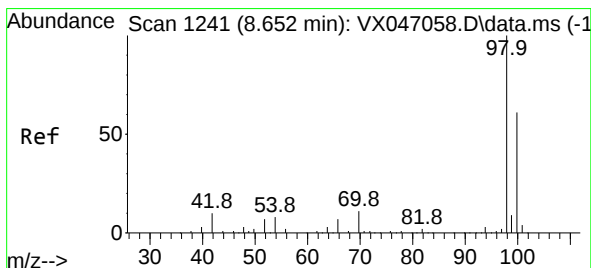
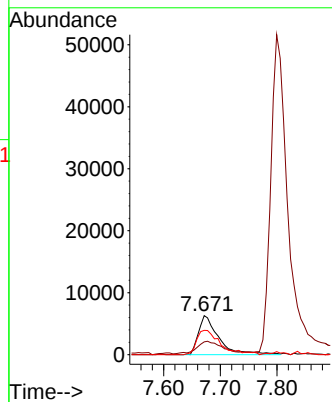
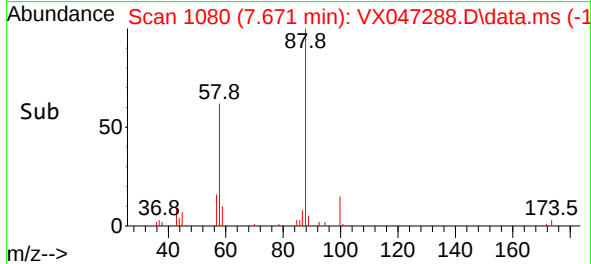
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion: 88 Resp: 1569
Ion Ratio Lower Upper
88 100
43 42.0 33.6 50.4
58 71.0 58.8 88.2

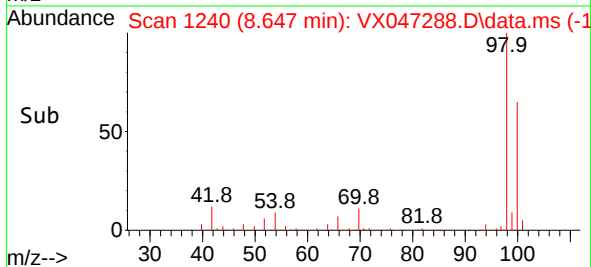
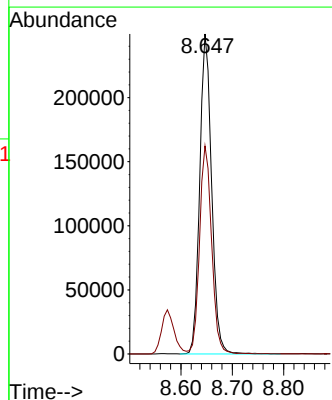
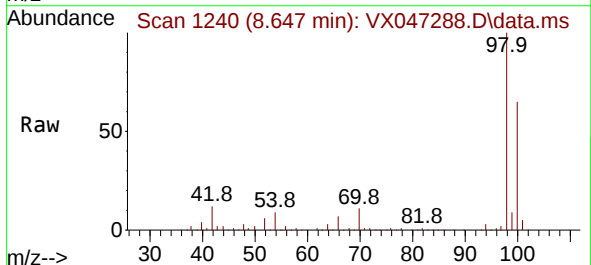
Manual Integrations
APPROVED

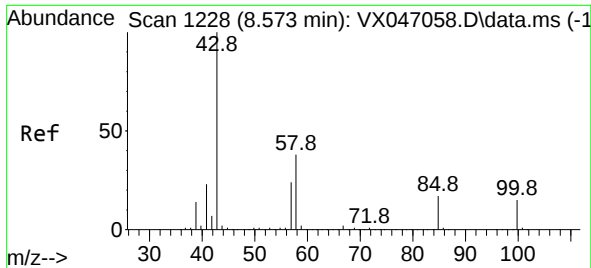
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#50
Toluene-d8
Concen: 44.466 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

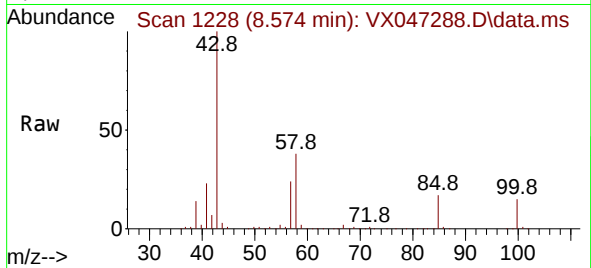
Tgt Ion: 98 Resp: 400252
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 97.673 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

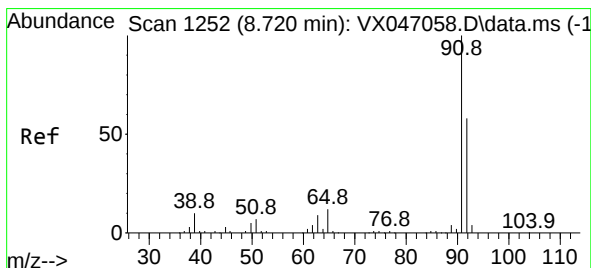
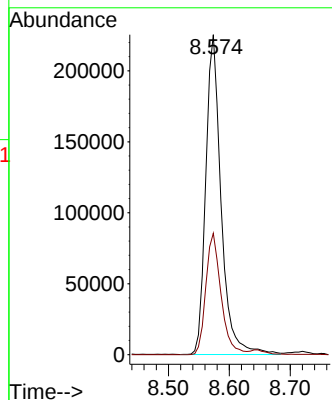
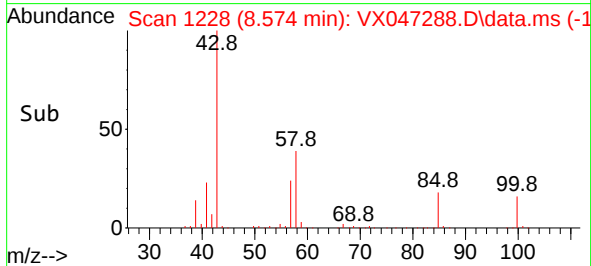
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



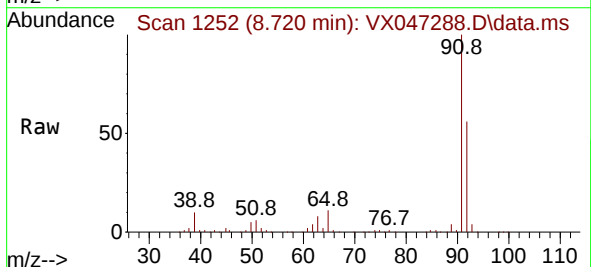
Tgt Ion: 43 Resp: 395128
Ion Ratio Lower Upper
43 100
58 37.6 30.6 45.8

Manual Integrations
APPROVED

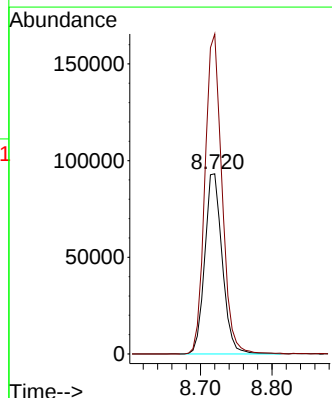
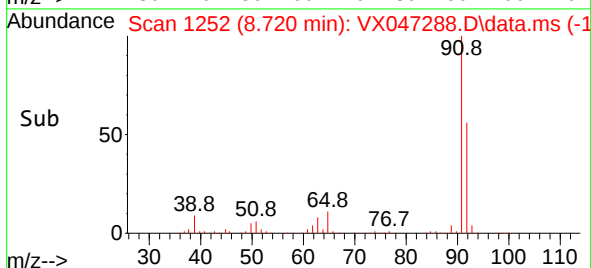
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

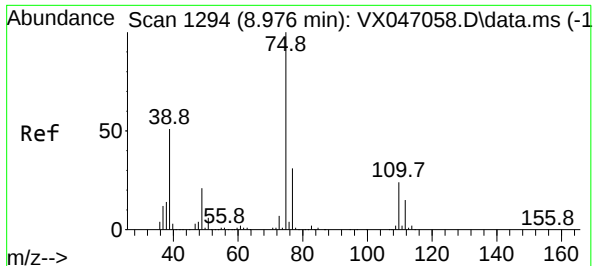


#52
Toluene
Concen: 18.752 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52



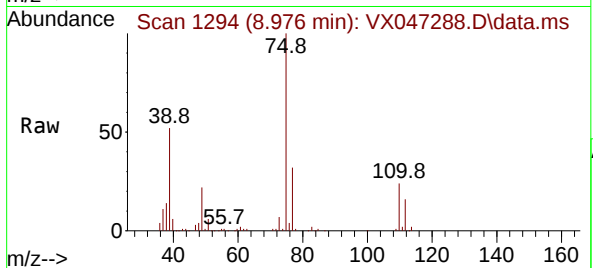
Tgt Ion: 92 Resp: 158098
Ion Ratio Lower Upper
92 100
91 172.9 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 17.948 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

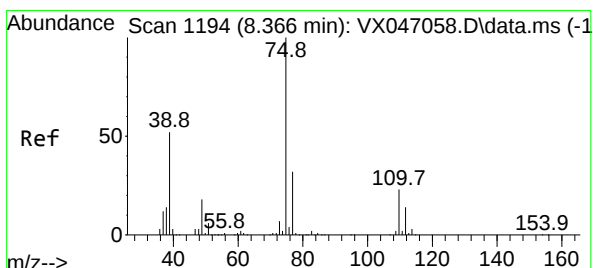
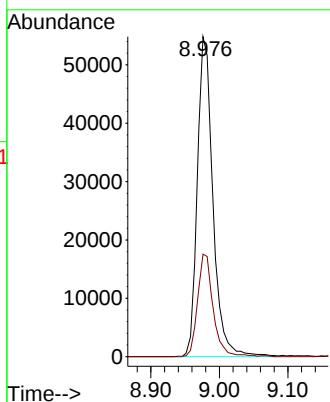
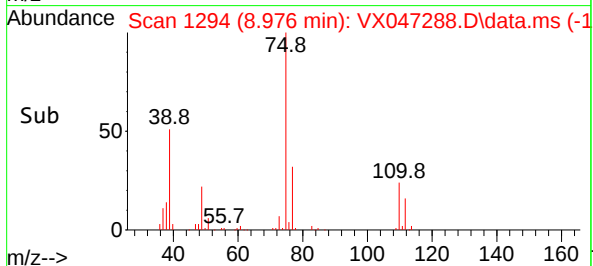
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



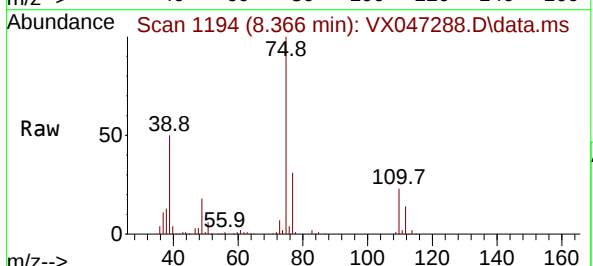
Tgt Ion: 75 Resp: 86870
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7

Manual Integrations
APPROVED

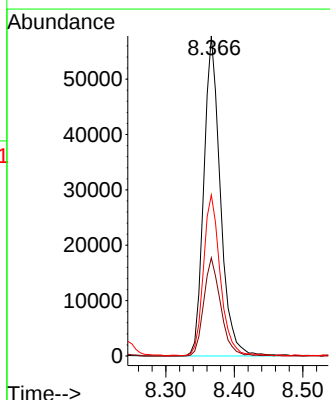
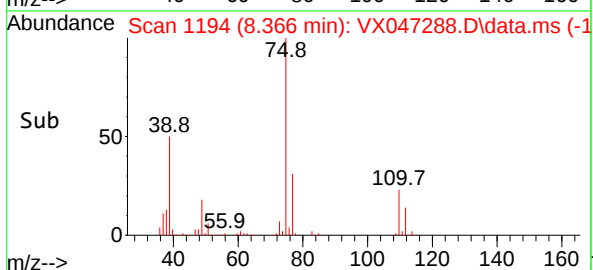
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

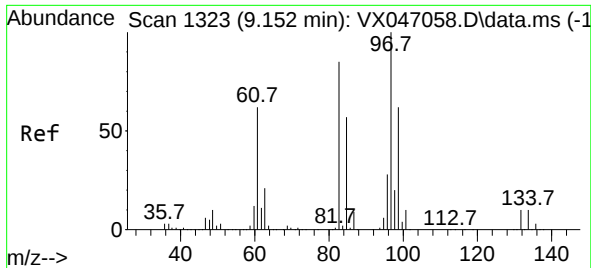


#54
cis-1,3-Dichloropropene
Concen: 18.354 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52



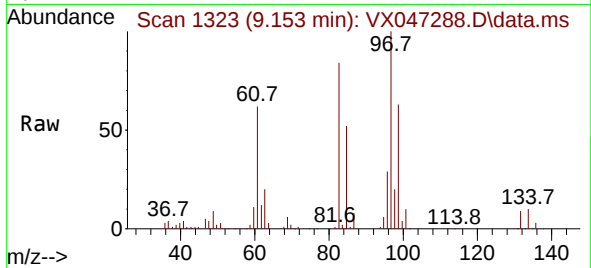
Tgt Ion: 75 Resp: 97236
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 50.1 41.8 62.6





#55
 1,1,2-Trichloroethane
 Concen: 19.388 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX047288.D
 Acq: 12 Aug 2025 11:52

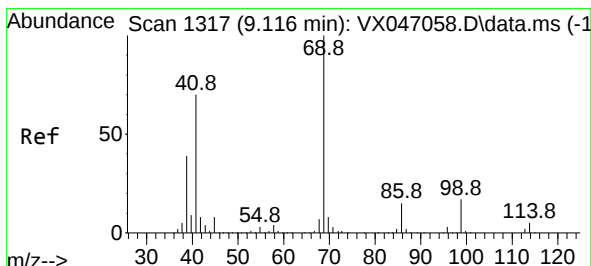
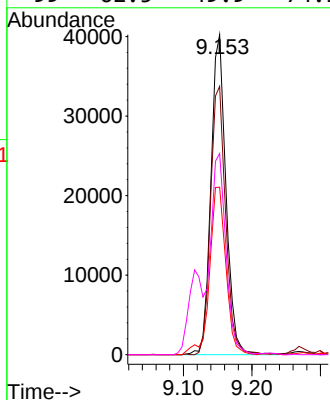
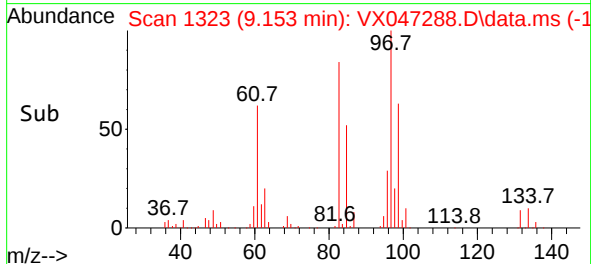
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01



Tgt Ion:	97	Resp:	6130
Ion Ratio	Lower	Upper	
97	100		
83	85.5	68.0	102.0
85	52.1	45.2	67.8
99	62.5	49.9	74.9

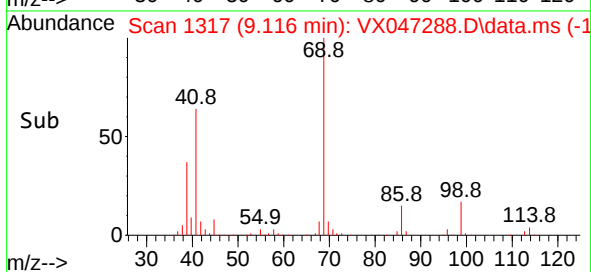
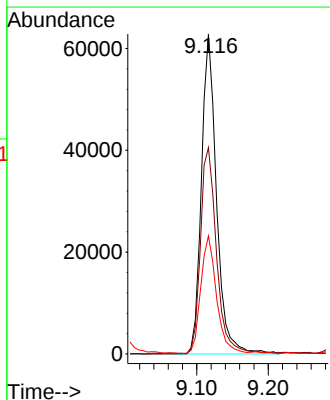
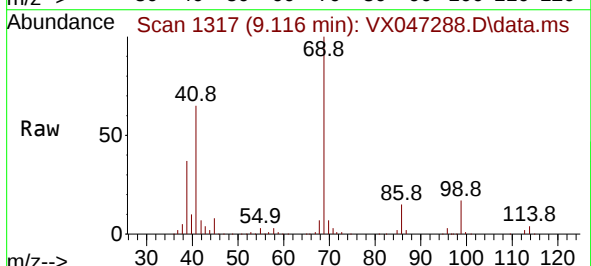
Manual Integrations
 APPROVED

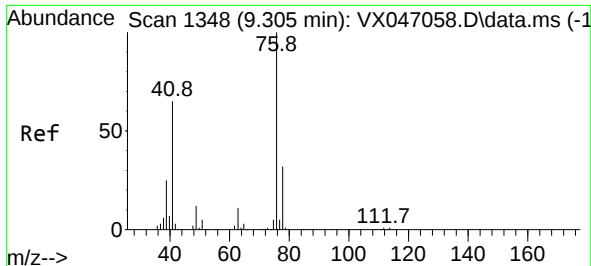
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#56
 Ethyl methacrylate
 Concen: 19.717 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX047288.D
 Acq: 12 Aug 2025 11:52

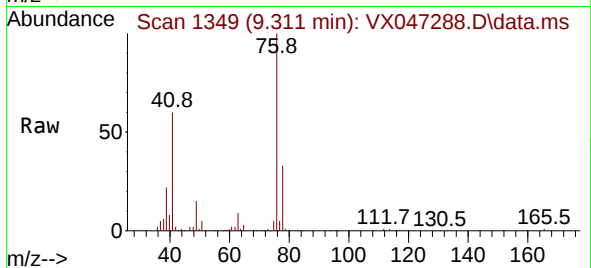
Tgt Ion:	69	Resp:	92290
Ion Ratio	Lower	Upper	
69	100		
41	67.8	56.1	84.1
39	38.0	31.1	46.7





#57
1,3-Dichloropropane
Concen: 18.828 ug/l
RT: 9.311 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

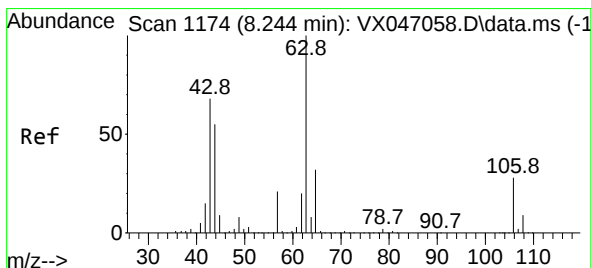
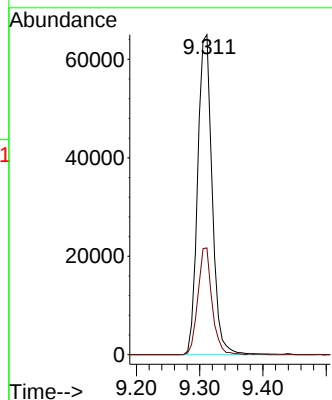
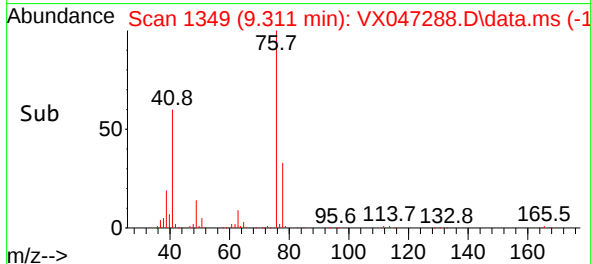
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion: 76 Resp: 10345
Ion Ratio Lower Upper
76 100
78 32.6 25.5 38.3

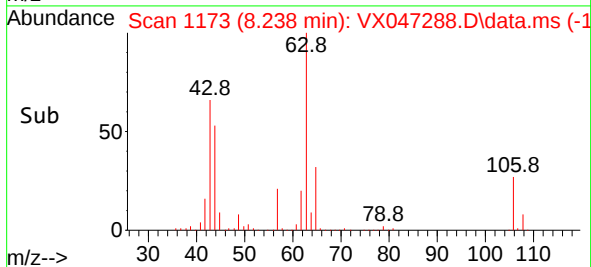
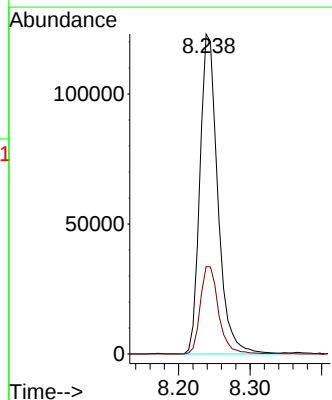
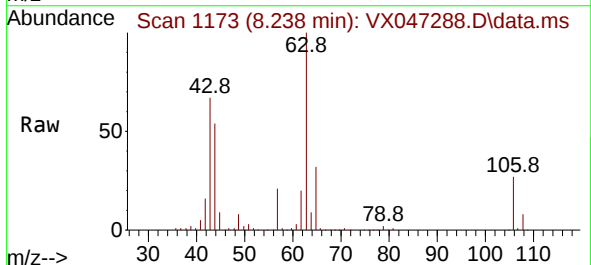
Manual Integrations
APPROVED

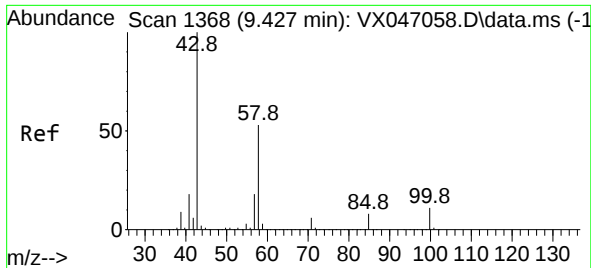
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 82.055 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

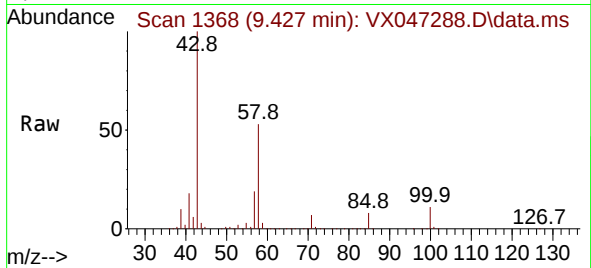
Tgt Ion: 63 Resp: 213726
Ion Ratio Lower Upper
63 100
106 28.0 22.2 33.4





#59
2-Hexanone
Concen: 101.199 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

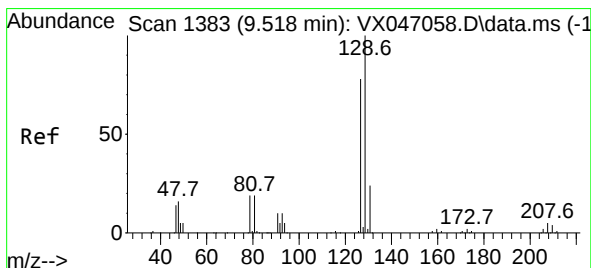
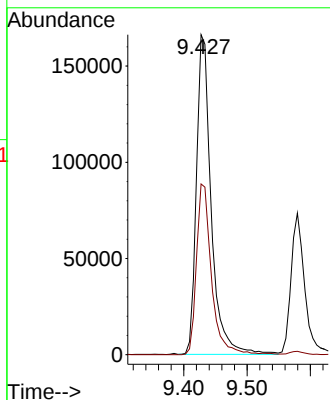
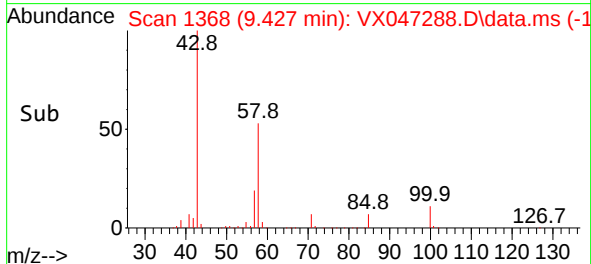
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion: 43 Resp: 27047
Ion Ratio Lower Upper
43 100
58 54.0 26.5 79.5

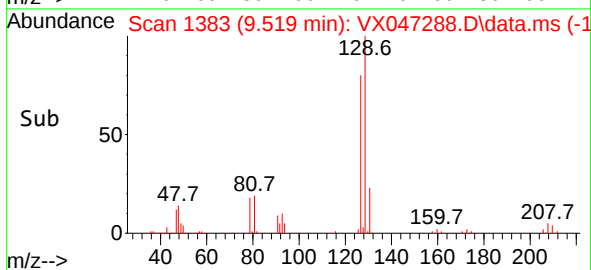
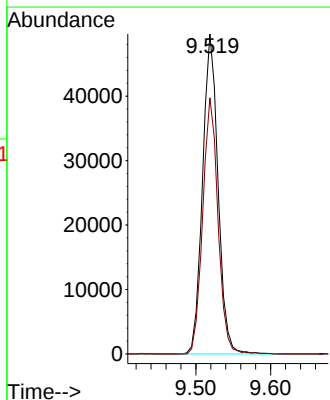
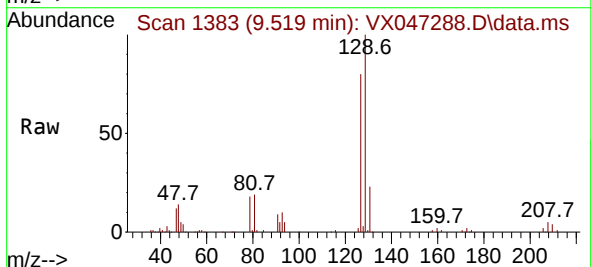
Manual Integrations
APPROVED

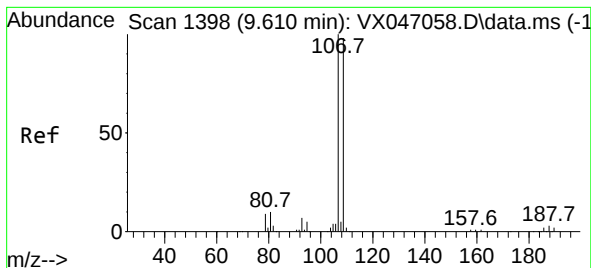
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#60
Dibromochloromethane
Concen: 19.238 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

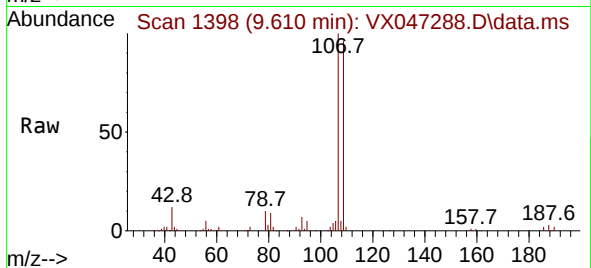
Tgt Ion:129 Resp: 71339
Ion Ratio Lower Upper
129 100
127 79.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 18.738 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

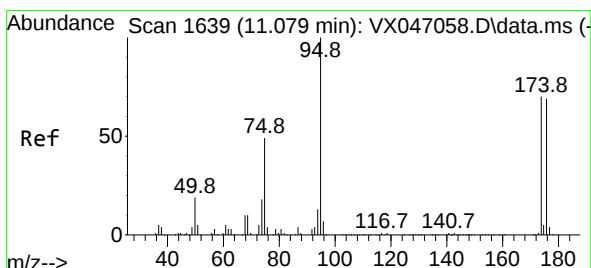
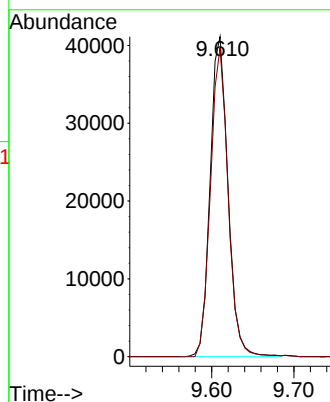
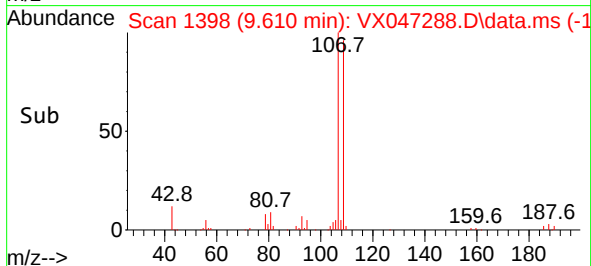
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



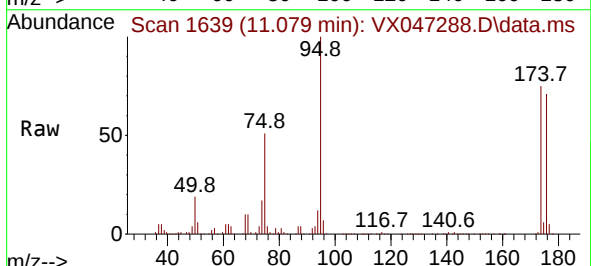
Tgt Ion:107 Resp: 61948
Ion Ratio Lower Upper
107 100
109 95.5 74.6 112.0

Manual Integrations
APPROVED

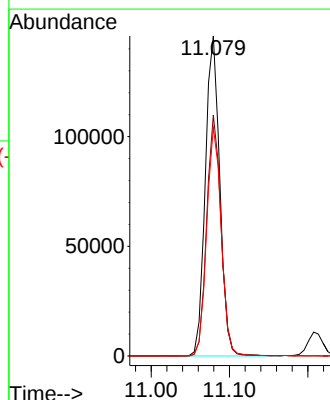
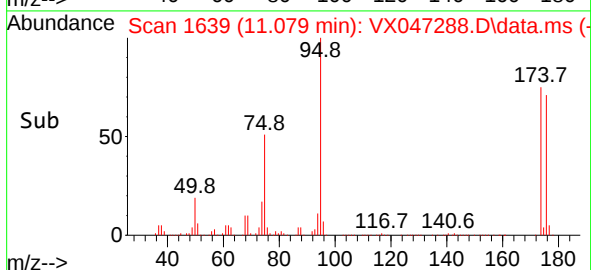
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

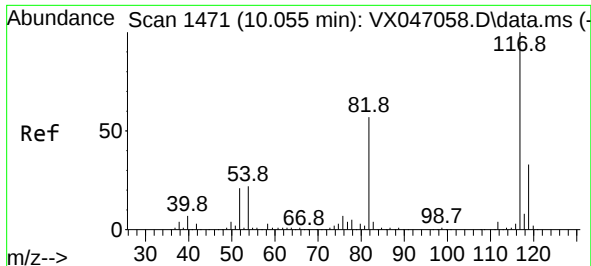


#62
4-Bromofluorobenzene
Concen: 48.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52



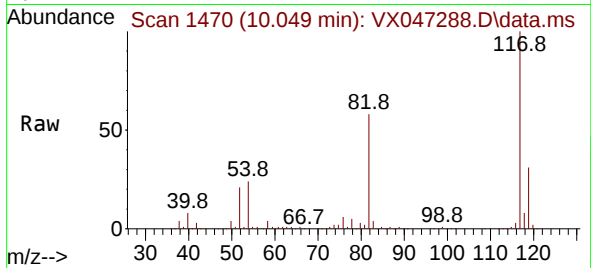
Tgt Ion: 95 Resp: 186845
Ion Ratio Lower Upper
95 100
174 74.5 0.0 144.6
176 71.4 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

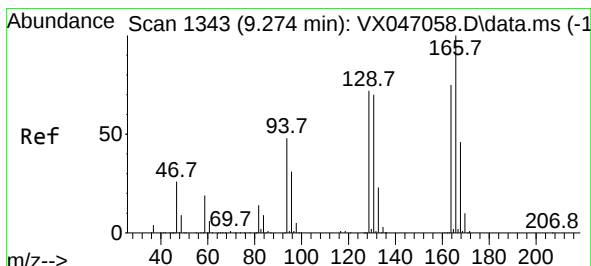
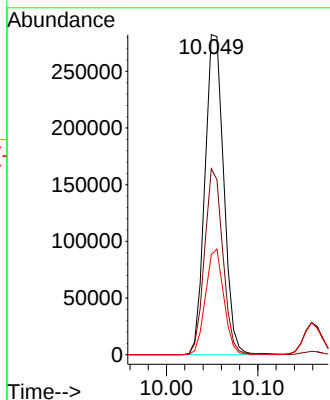
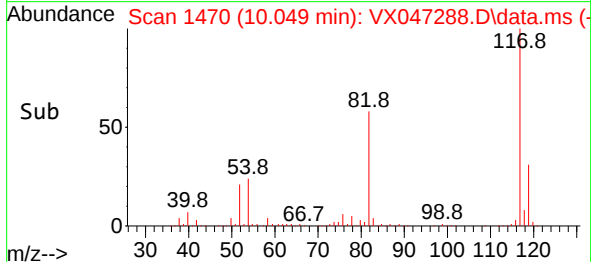
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion:117 Resp: 403402
Ion Ratio Lower Upper
117 100
82 58.1 45.4 68.2
119 31.2 26.1 39.1

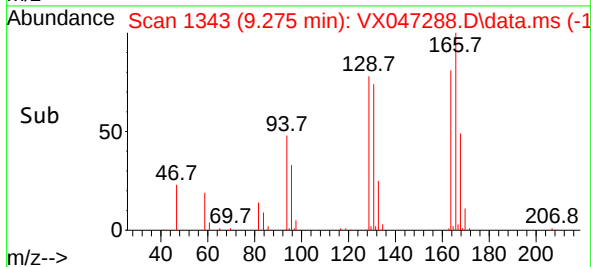
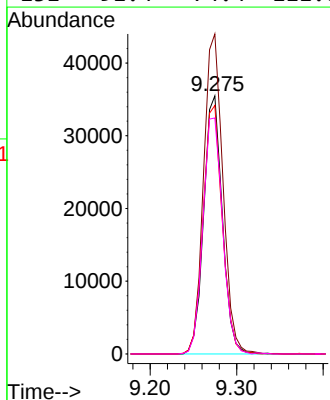
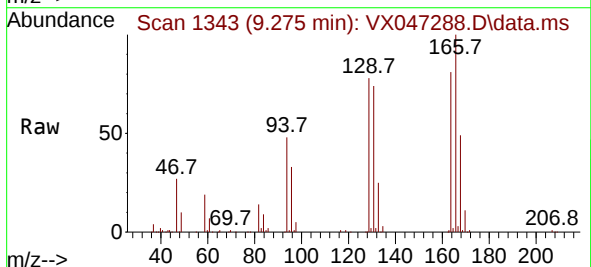
Manual Integrations
APPROVED

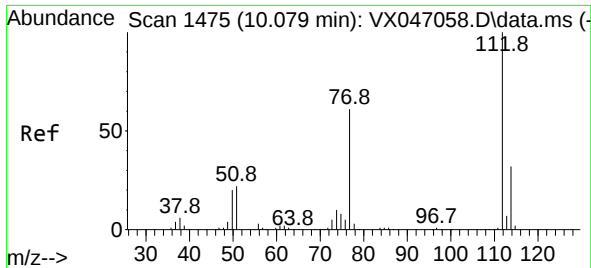
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#64
Tetrachloroethene
Concen: 18.190 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Tgt Ion:164 Resp: 52898
Ion Ratio Lower Upper
164 100
166 124.0 106.2 159.4
129 96.2 76.6 114.8
131 91.4 74.4 111.6





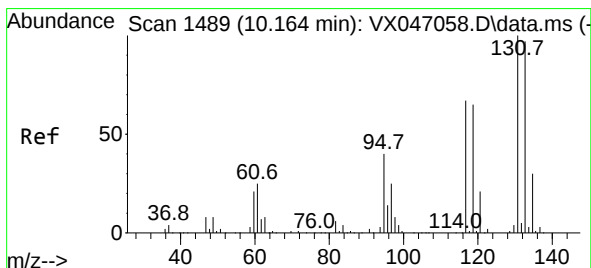
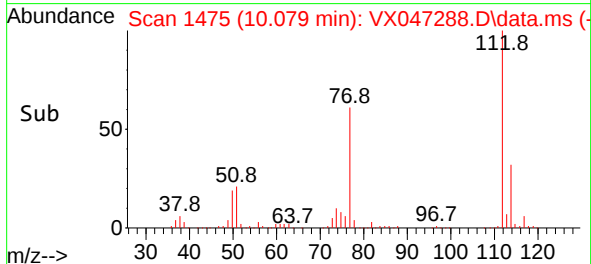
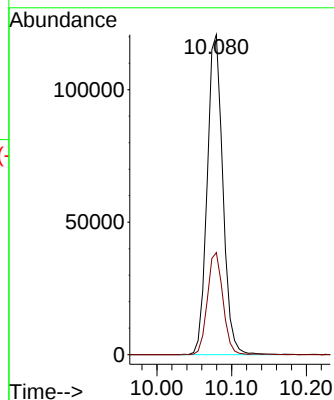
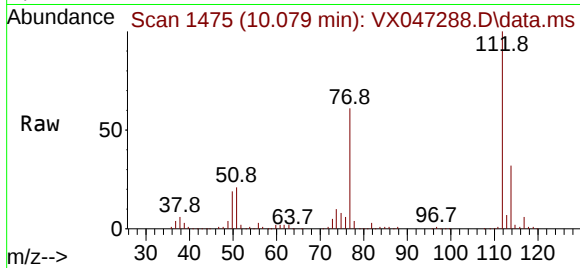
#65
Chlorobenzene
Concen: 18.556 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Tgt Ion:112 Resp: 175362
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

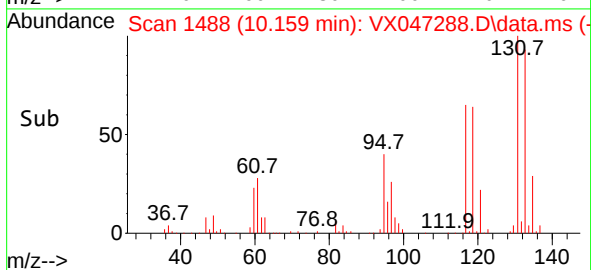
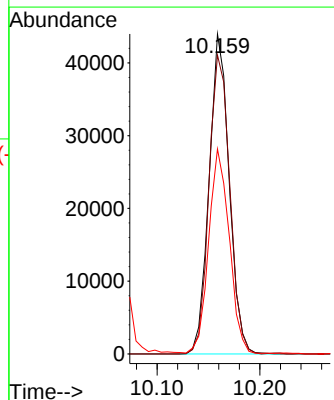
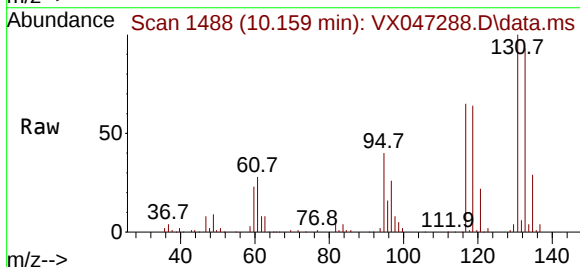
Manual Integrations
APPROVED

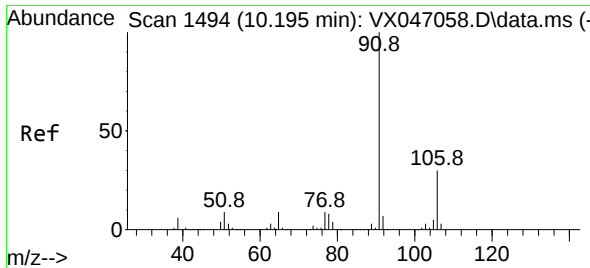
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.759 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

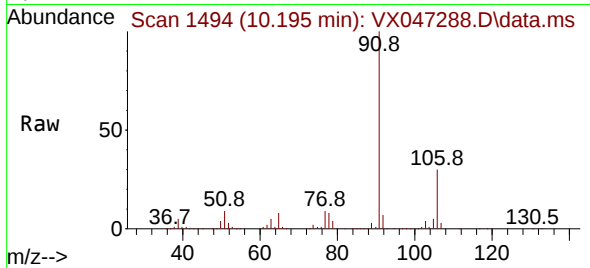
Tgt Ion:131 Resp: 59685
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.3
119 65.5 32.4 97.0





#67
Ethyl Benzene
Concen: 18.456 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

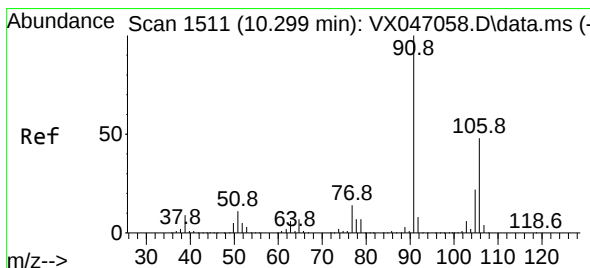
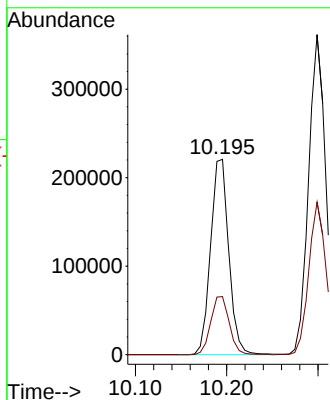
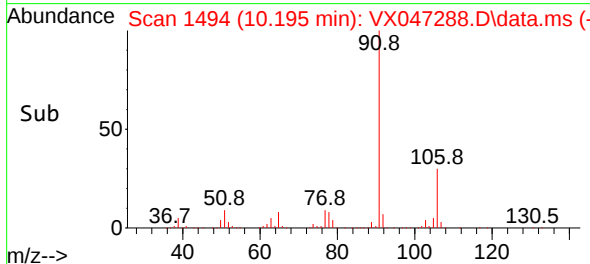
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



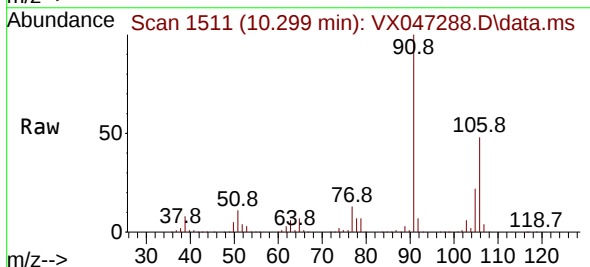
Tgt Ion: 91 Resp: 304960
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.4

Manual Integrations
APPROVED

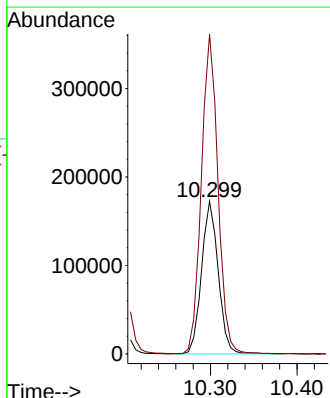
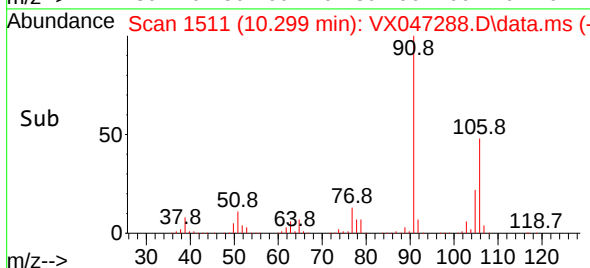
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

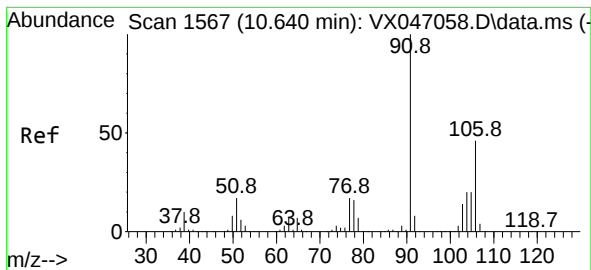


#68
m/p-Xylenes
Concen: 37.187 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52



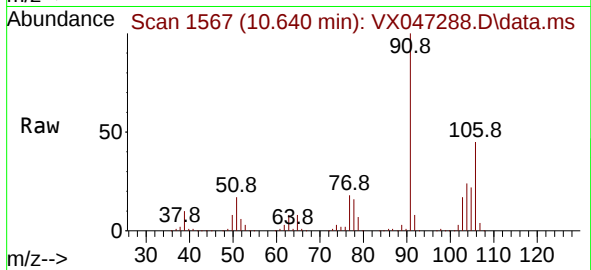
Tgt Ion:106 Resp: 229943
Ion Ratio Lower Upper
106 100
91 208.5 167.4 251.0





#69
o-Xylene
Concen: 18.849 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

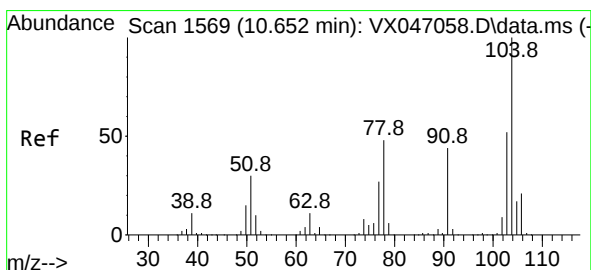
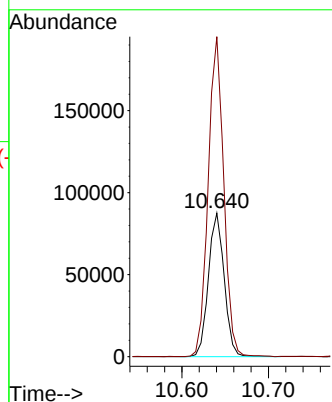
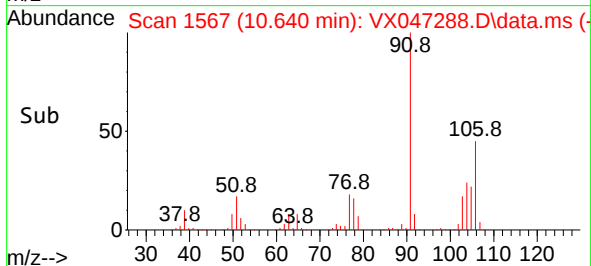
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion:106 Resp: 110879
Ion Ratio Lower Upper
106 100
91 220.0 110.3 331.0

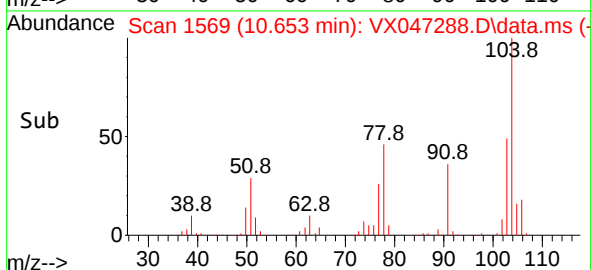
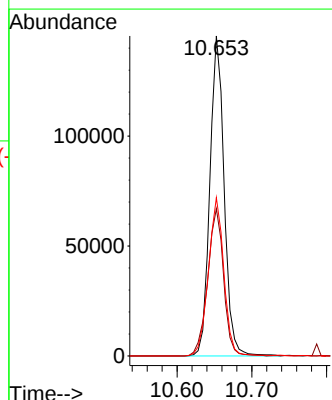
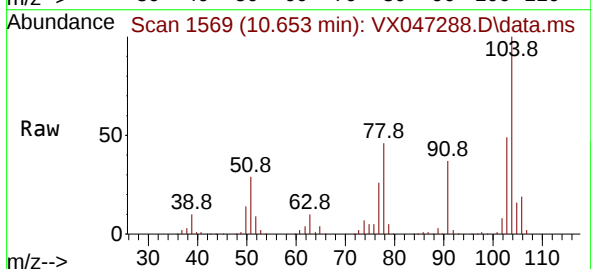
Manual Integrations
APPROVED

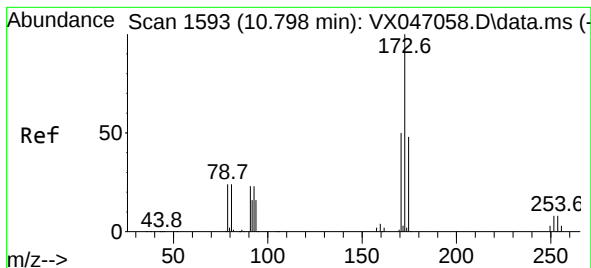
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#70
Styrene
Concen: 19.207 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

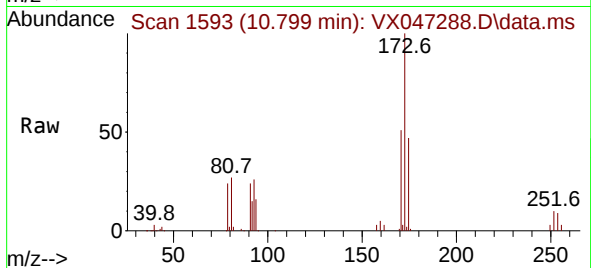
Tgt Ion:104 Resp: 193735
Ion Ratio Lower Upper
104 100
78 51.0 42.0 63.0
103 53.5 43.8 65.6





#71
Bromoform
Concen: 19.229 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

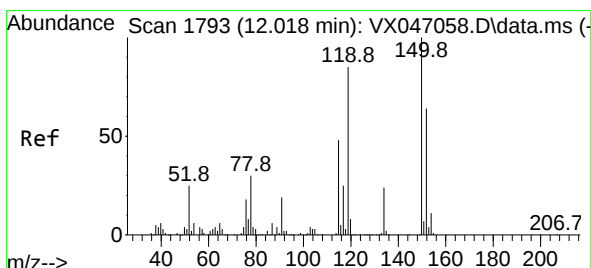
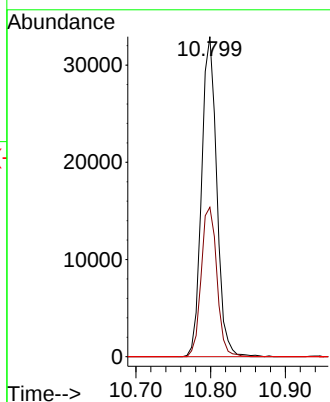
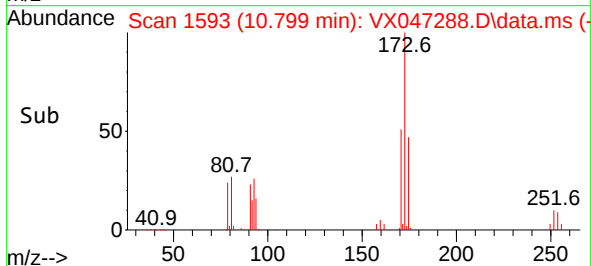
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



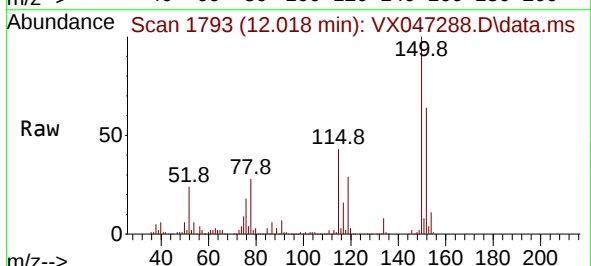
Tgt Ion:173 Resp: 46474
Ion Ratio Lower Upper
173 100
175 48.1 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

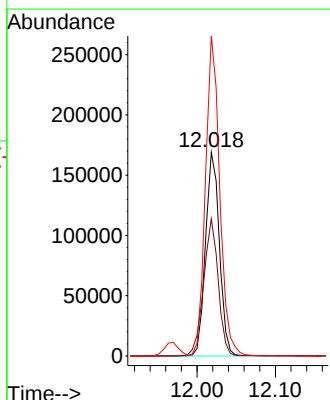
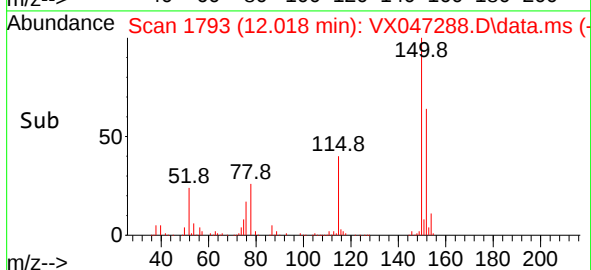
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

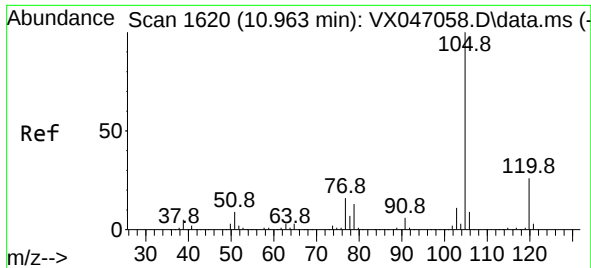


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52



Tgt Ion:152 Resp: 207271
Ion Ratio Lower Upper
152 100
115 71.1 45.6 136.7
150 161.1 0.0 354.6





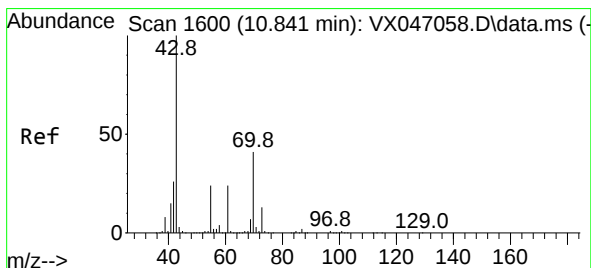
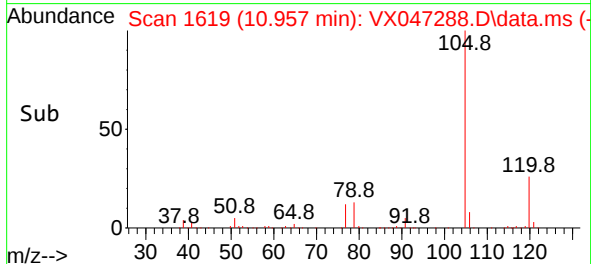
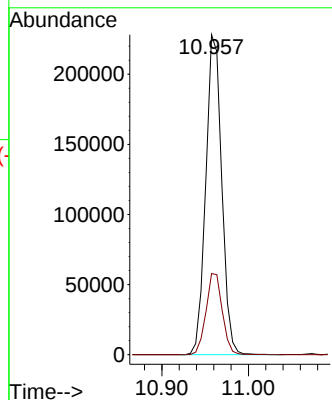
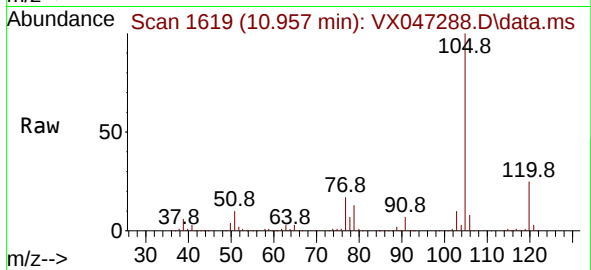
#73
Isopropylbenzene
Concen: 17.859 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Tgt Ion:105 Resp: 292039
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7

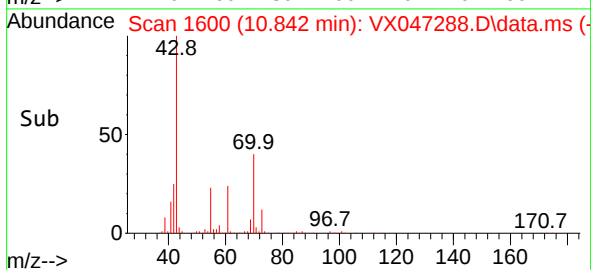
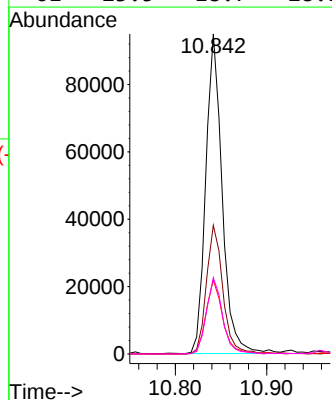
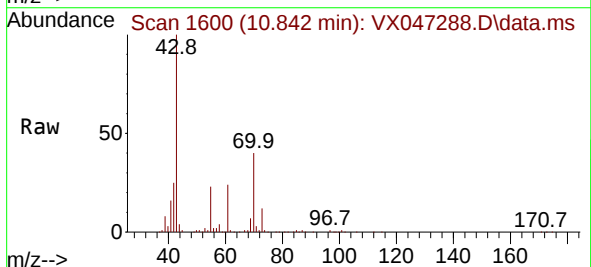
Manual Integrations
APPROVED

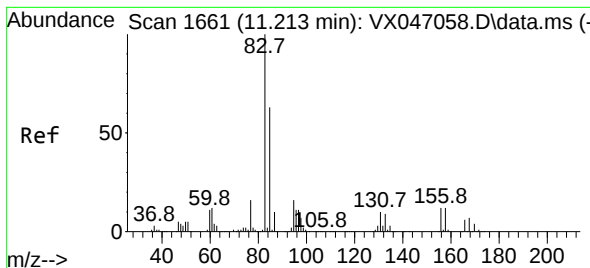
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#74
N-ethyl acetate
Concen: 17.938 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Tgt Ion: 43 Resp: 118356
Ion Ratio Lower Upper
43 100
70 40.4 32.3 48.5
55 23.7 18.9 28.3
61 23.5 18.7 28.1





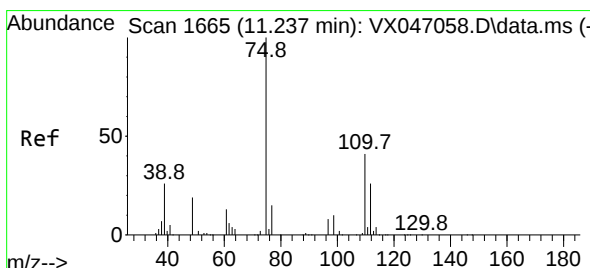
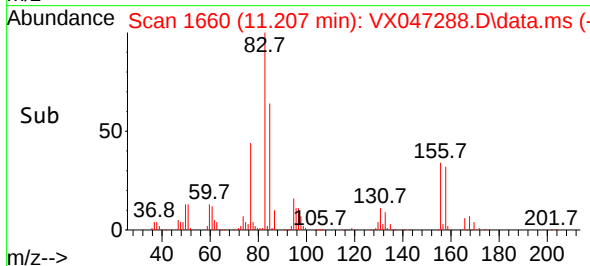
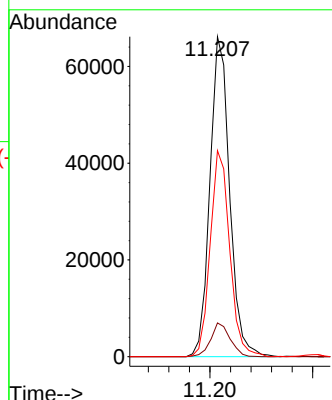
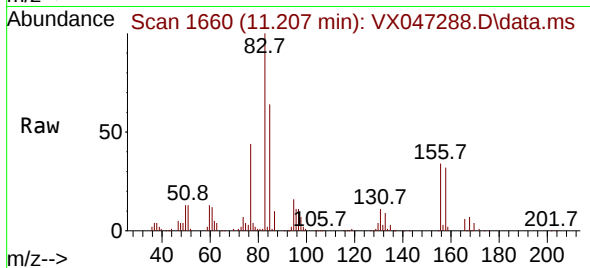
#75
1,1,2,2-Tetrachloroethane
Concen: 18.801 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01

Tgt Ion: 83 Resp: 87818
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 63.7 32.0 96.2

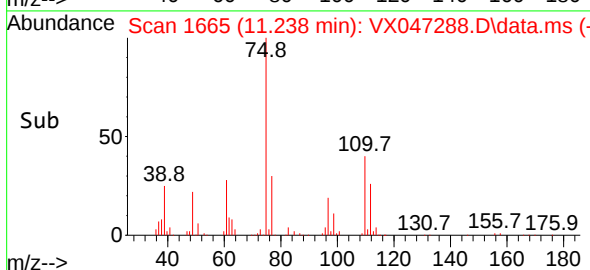
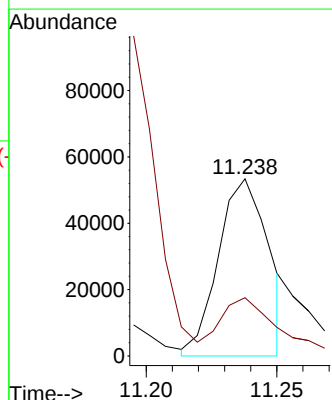
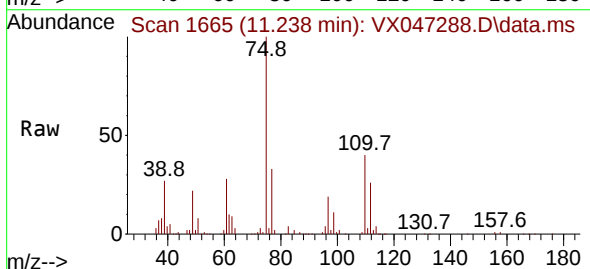
Manual Integrations
APPROVED

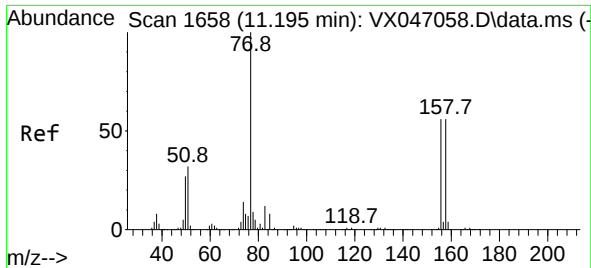
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#76
1,2,3-Trichloropropane
Concen: 18.568 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

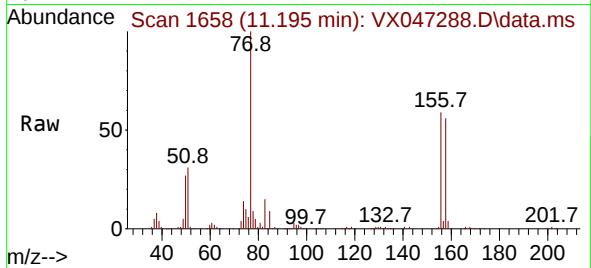
Tgt Ion: 75 Resp: 71234
Ion Ratio Lower Upper
75 100
77 38.8 21.6 65.0





#77
Bromobenzene
Concen: 18.322 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

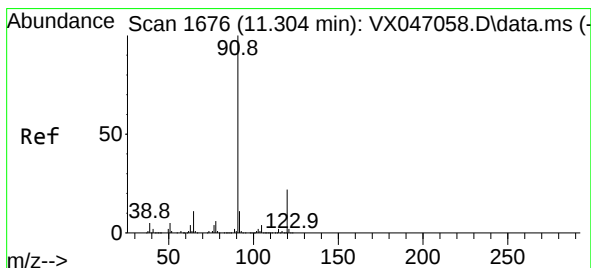
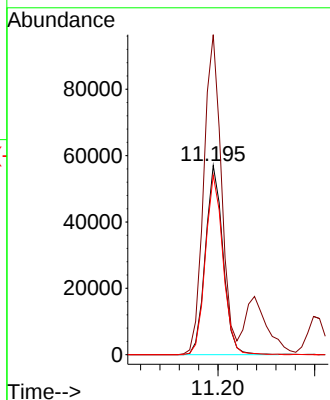
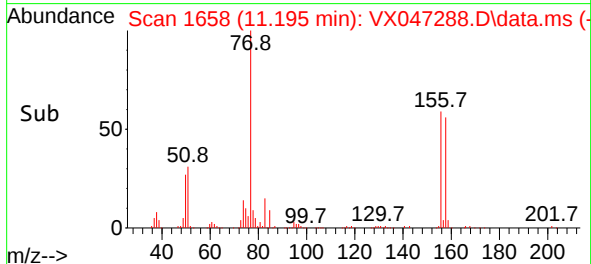
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



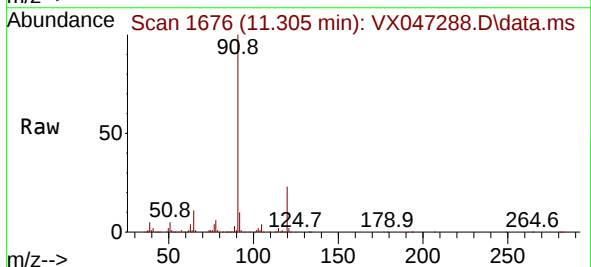
Tgt Ion:156 Resp: 71864
Ion Ratio Lower Upper
156 100
77 170.7 87.3 261.9
158 95.4 48.9 146.6

Manual Integrations
APPROVED

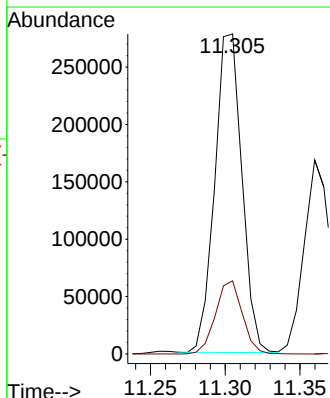
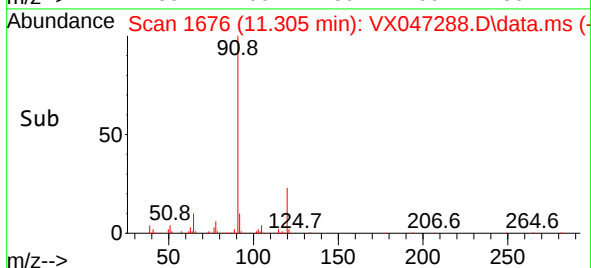
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

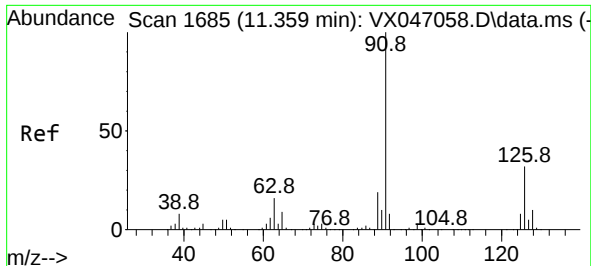


#78
n-propylbenzene
Concen: 17.953 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52



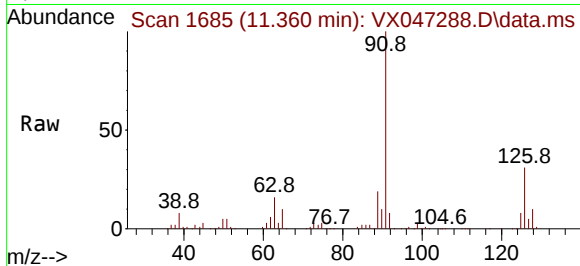
Tgt Ion: 91 Resp: 350815
Ion Ratio Lower Upper
91 100
120 22.7 11.0 33.0





#79
2-Chlorotoluene
Concen: 17.740 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

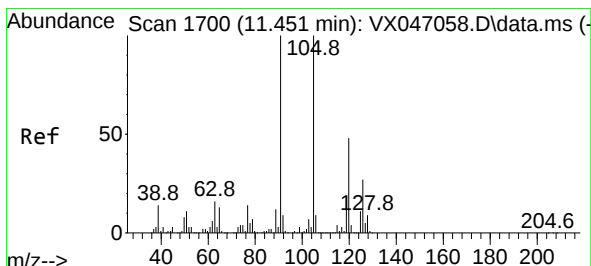
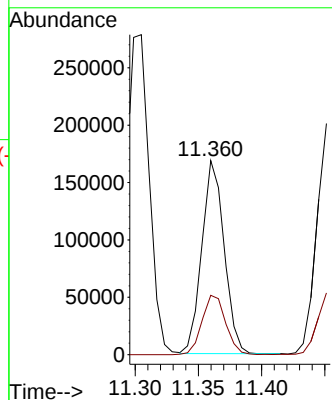
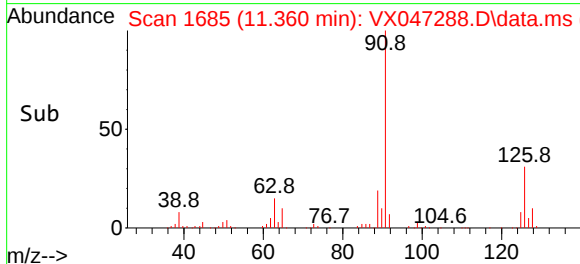
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



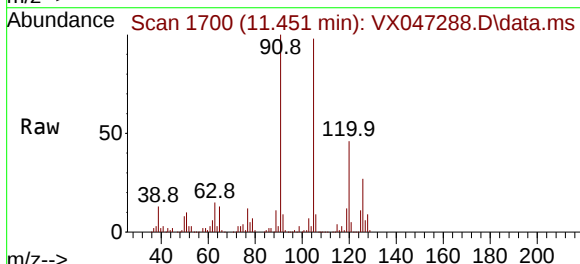
Tgt Ion: 91 Resp: 207220
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4

Manual Integrations
APPROVED

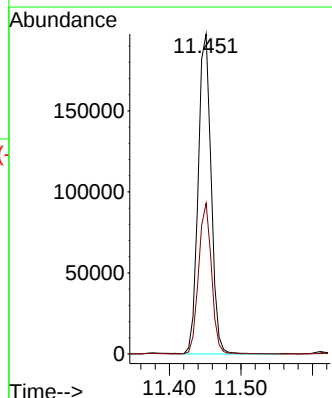
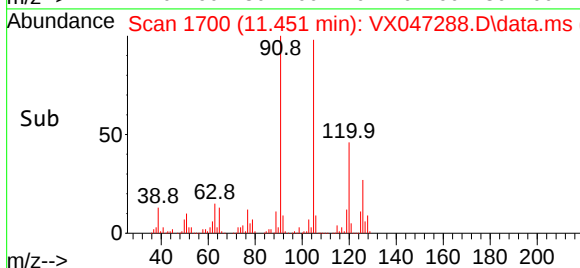
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

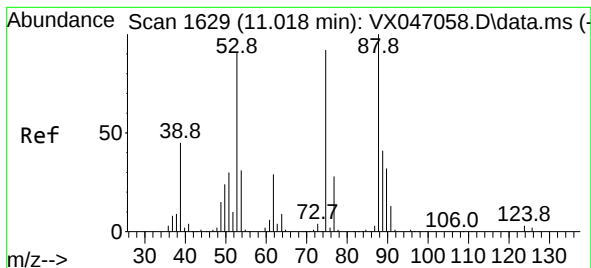


#80
1,3,5-Trimethylbenzene
Concen: 18.334 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52



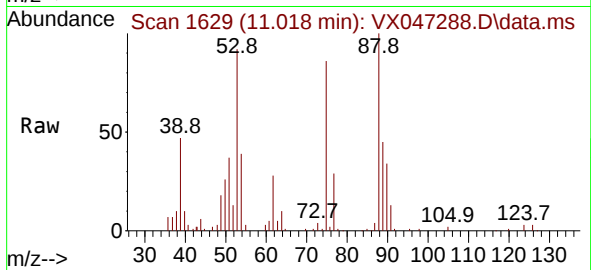
Tgt Ion:105 Resp: 247687
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 9.556 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

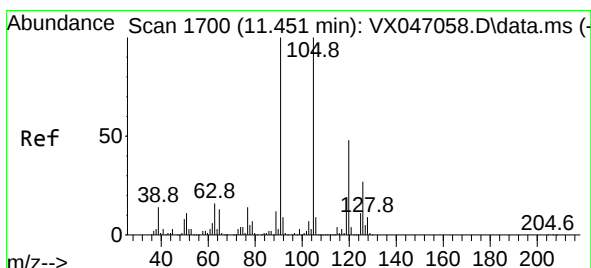
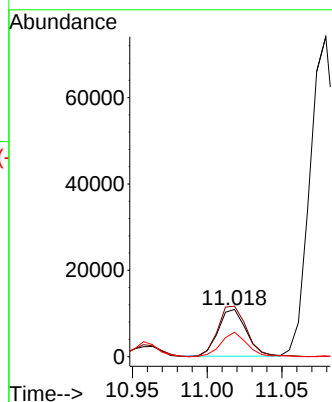
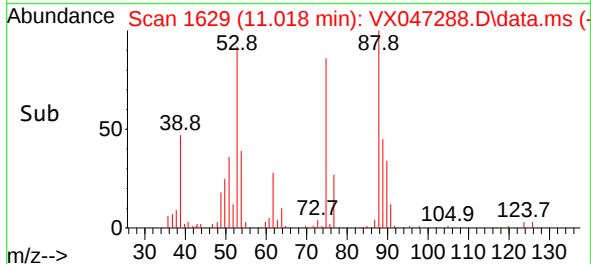
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion: 75 Resp: 14230
Ion Ratio Lower Upper
75 100
53 111.1 84.2 126.4
89 49.1 36.0 54.0

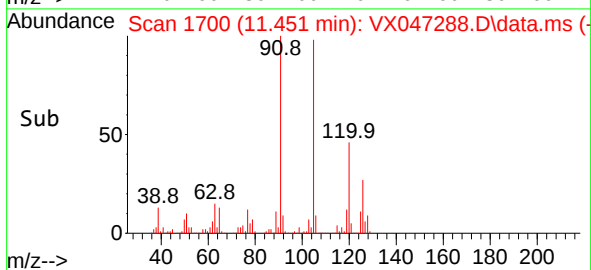
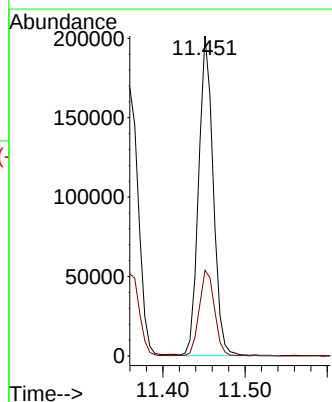
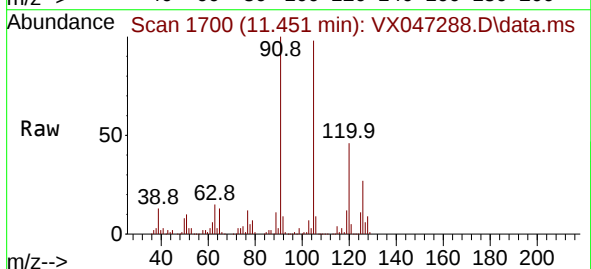
Manual Integrations
APPROVED

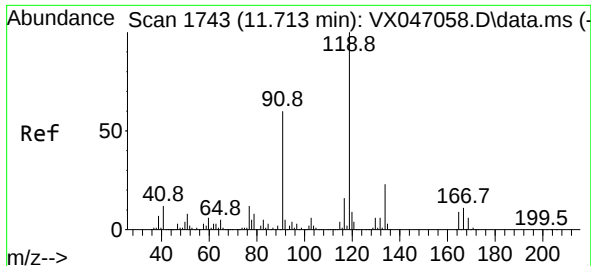
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#82
4-Chlorotoluene
Concen: 18.162 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

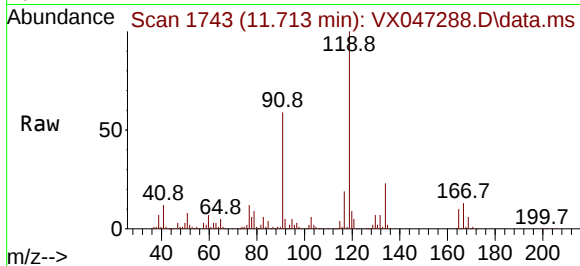
Tgt Ion: 91 Resp: 247627
Ion Ratio Lower Upper
91 100
126 28.2 14.1 42.3





#83
tert-Butylbenzene
Concen: 18.237 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

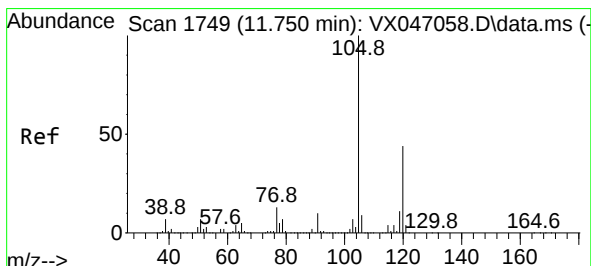
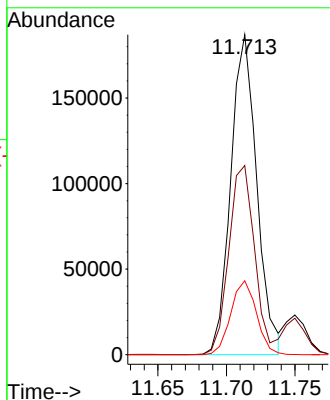
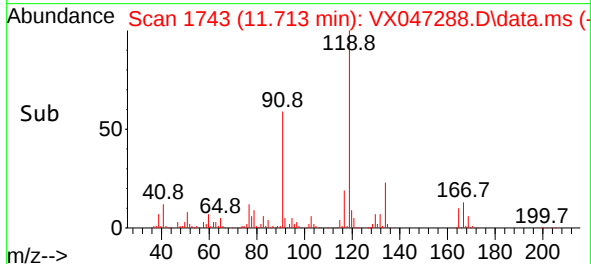
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



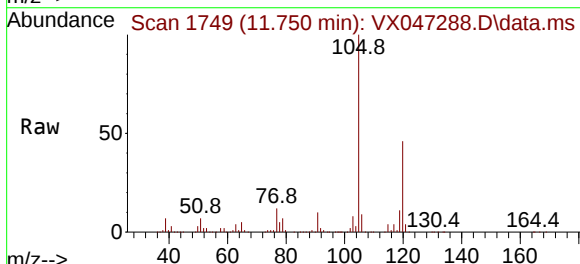
Tgt Ion:119 Resp: 247285
Ion Ratio Lower Upper
119 100
91 57.9 29.6 88.8
134 22.8 11.4 34.1

Manual Integrations
APPROVED

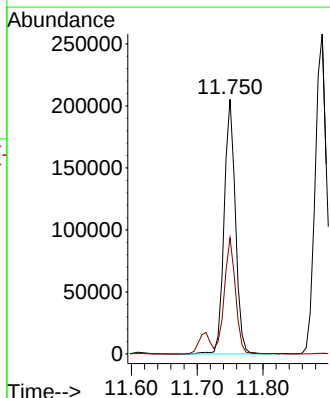
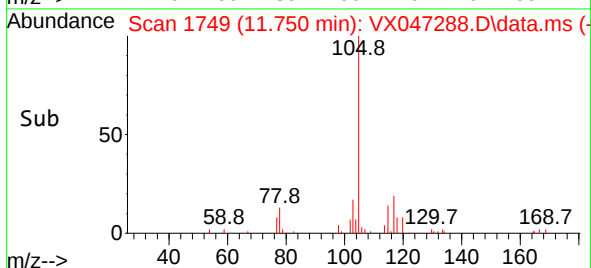
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

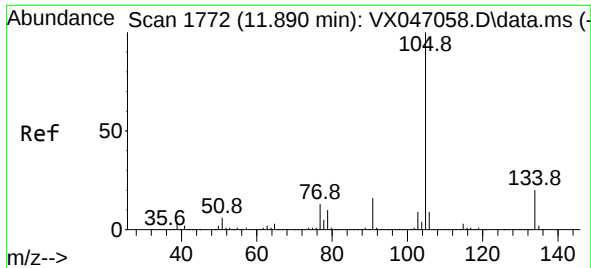


#84
1,2,4-Trimethylbenzene
Concen: 18.178 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52



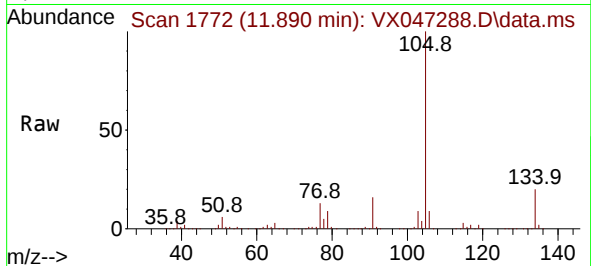
Tgt Ion:105 Resp: 244944
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.501 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047288.D
 Acq: 12 Aug 2025 11:52

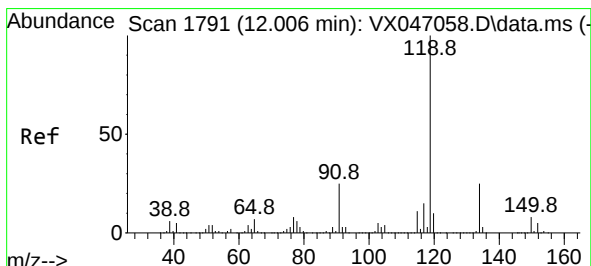
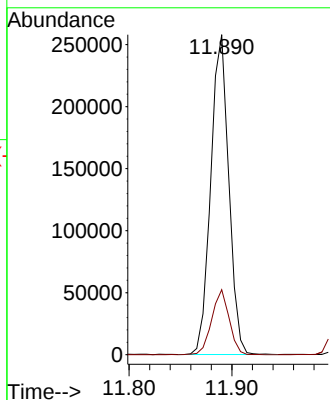
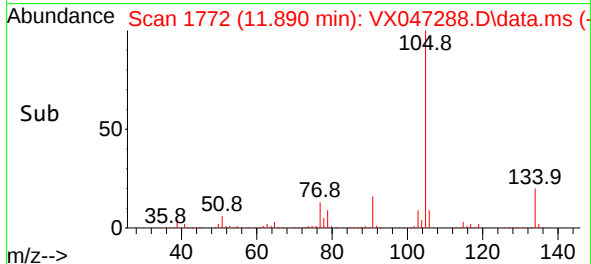
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBS01



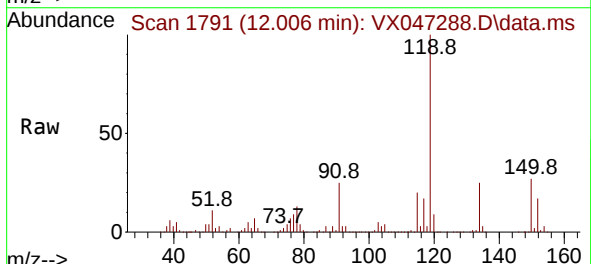
Tgt Ion:105 Resp: 313440
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

Manual Integrations
 APPROVED

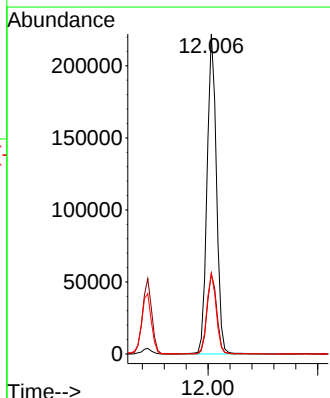
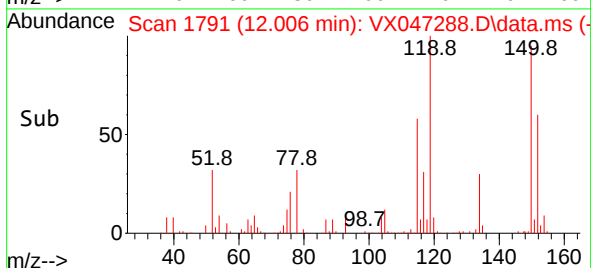
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

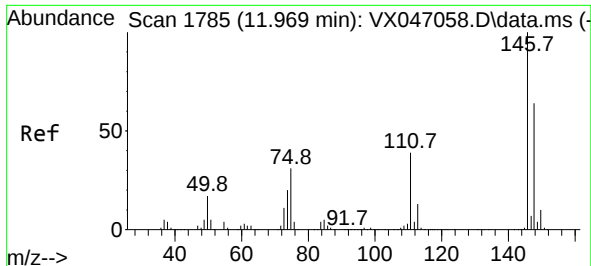


#86
 p-Isopropyltoluene
 Concen: 18.674 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047288.D
 Acq: 12 Aug 2025 11:52



Tgt Ion:119 Resp: 262367
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.368 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

Tgt Ion:146 Resp: 13688

Ion Ratio Lower Upper

146 100

111 41.8 21.0 63.0

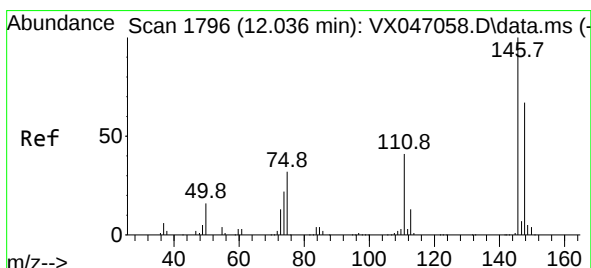
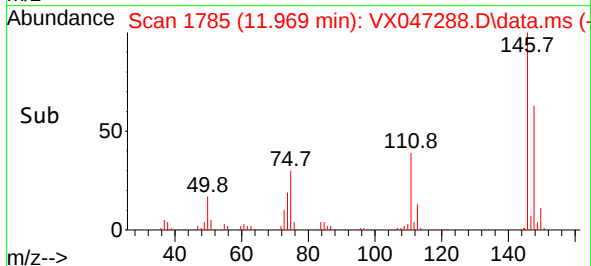
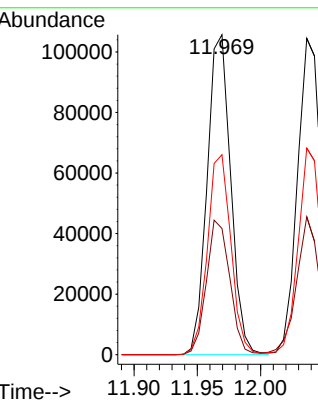
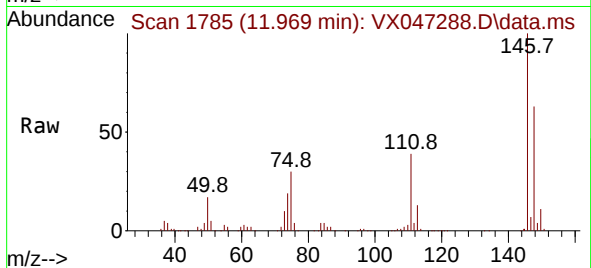
148 62.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#88

1,4-Dichlorobenzene

Concen: 18.332 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

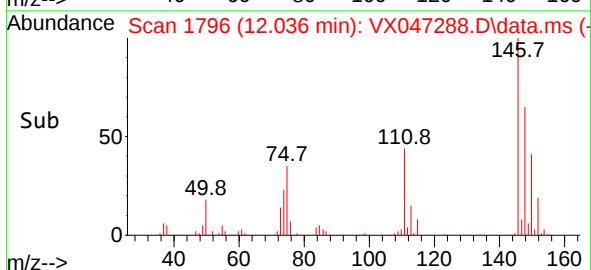
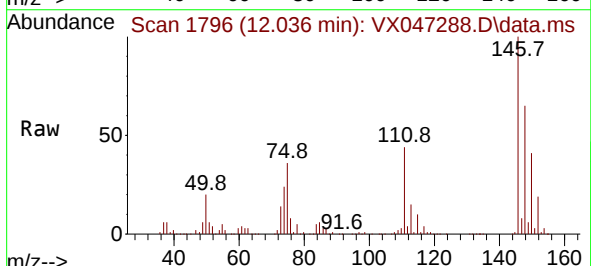
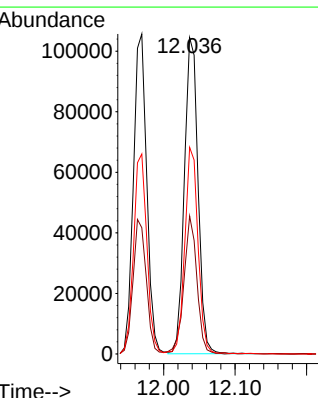
Tgt Ion:146 Resp: 138415

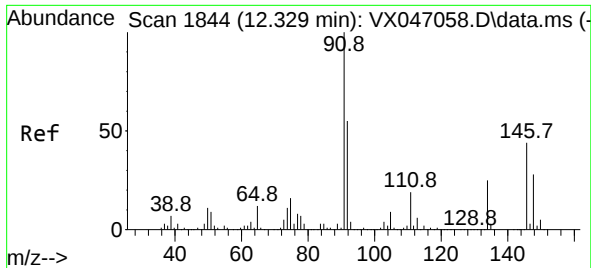
Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

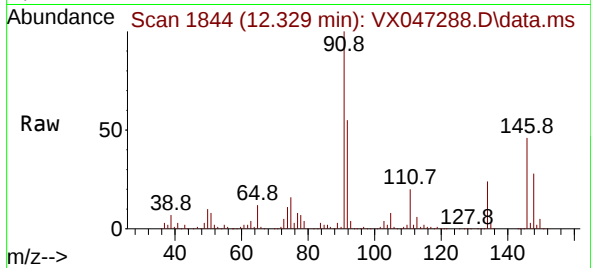
148 63.3 33.0 98.9





#89
n-Butylbenzene
Concen: 18.620 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

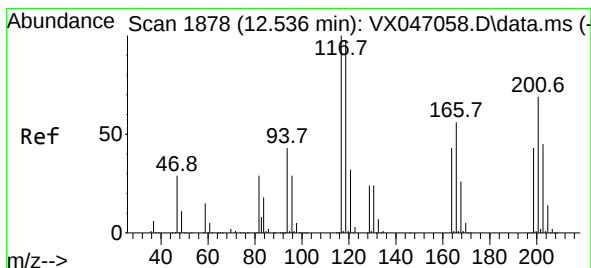
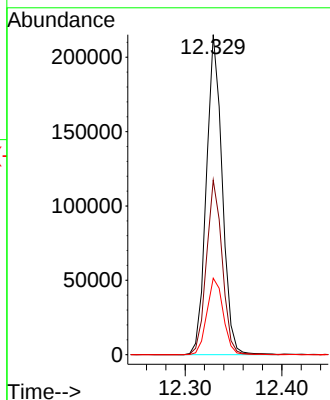
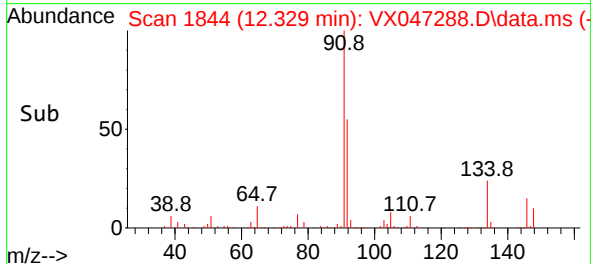
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



Tgt Ion: 91 Resp: 24533
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.5
134 24.8 12.8 38.3

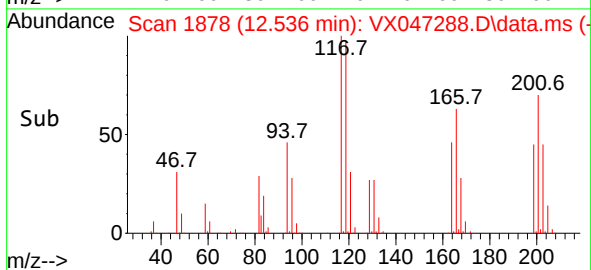
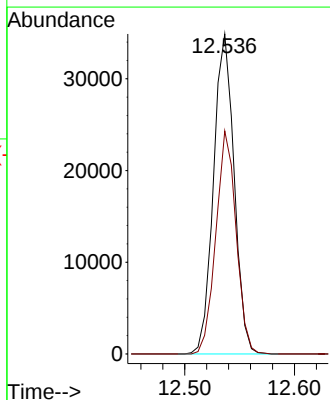
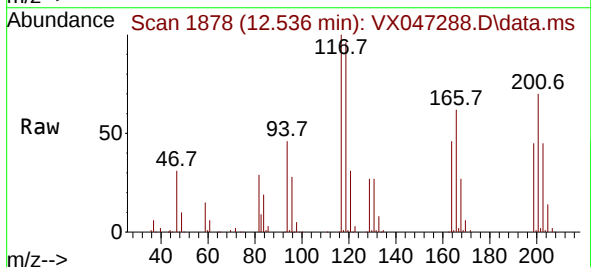
Manual Integrations
APPROVED

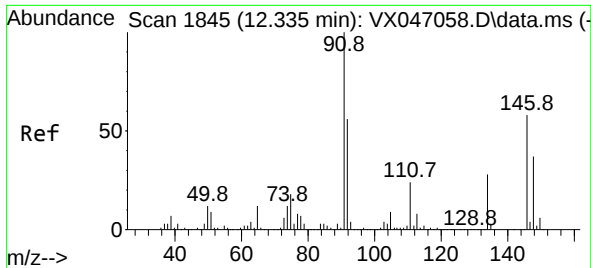
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#90
Hexachloroethane
Concen: 18.151 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

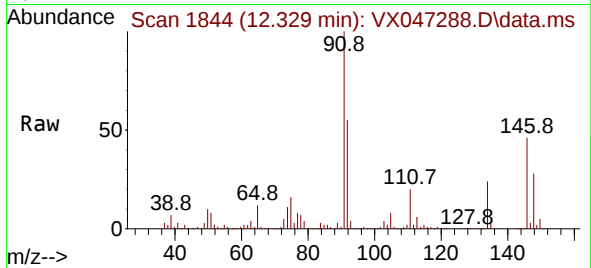
Tgt Ion:117 Resp: 45620
Ion Ratio Lower Upper
117 100
201 68.4 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 18.424 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

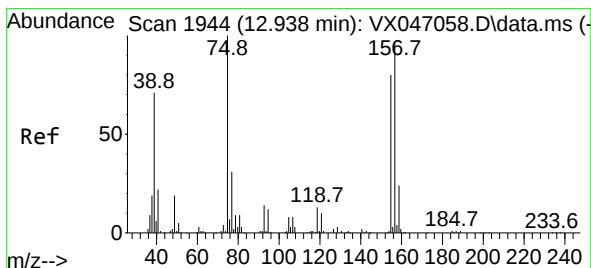
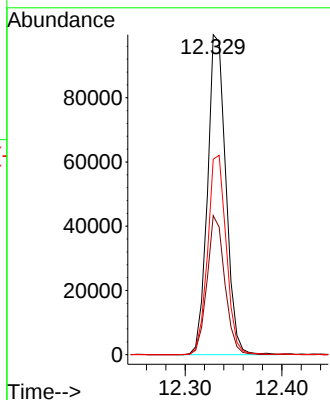
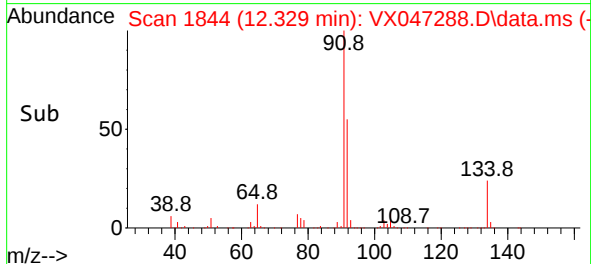
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



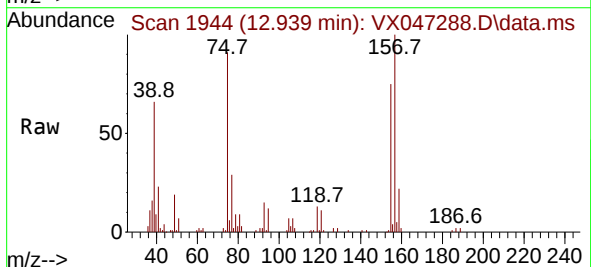
Tgt Ion:146 Resp: 13122
Ion Ratio Lower Upper
146 100
111 42.3 21.6 64.6
148 63.3 31.9 95.7

Manual Integrations
APPROVED

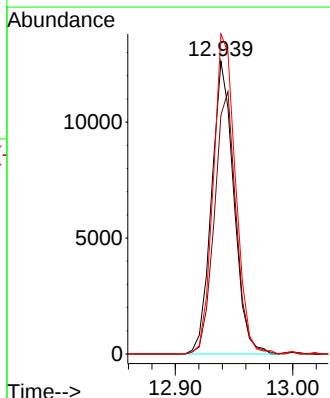
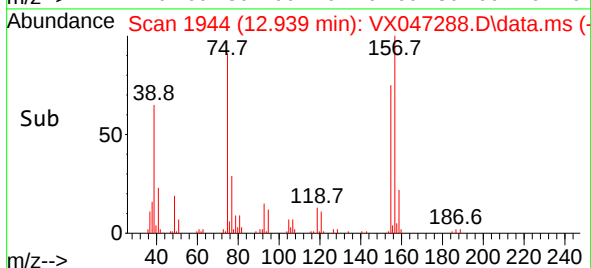
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

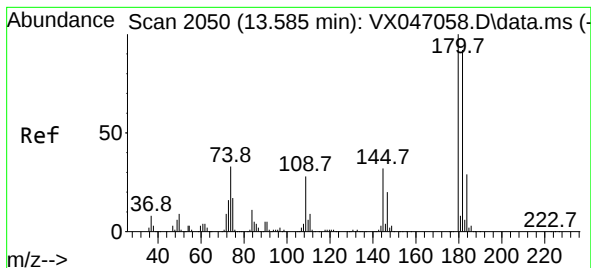


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.519 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52



Tgt Ion: 75 Resp: 16604
Ion Ratio Lower Upper
75 100
155 87.3 41.3 124.1
157 109.2 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 18.808 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0812WBS01

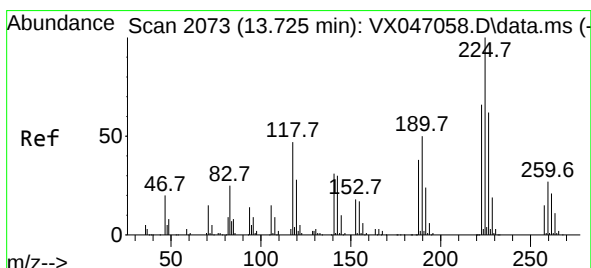
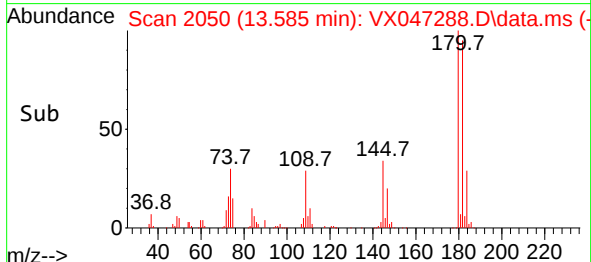
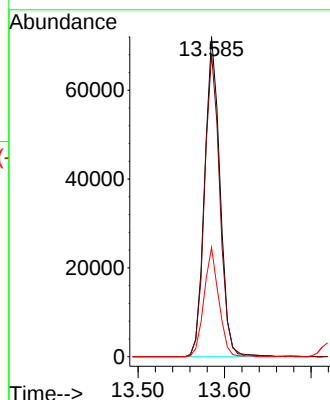
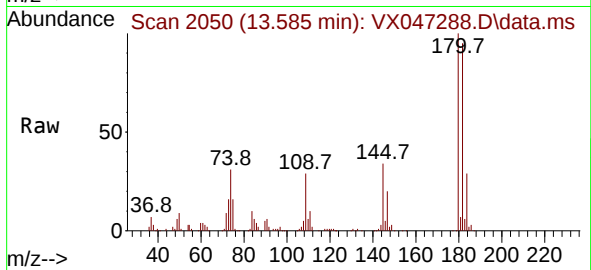
Tgt Ion:180	Resp:	88508
Ion Ratio	Lower	Upper
180	100	
182	94.6	47.3 141.8
145	32.8	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#94

Hexachlorobutadiene

Concen: 20.797 ug/l

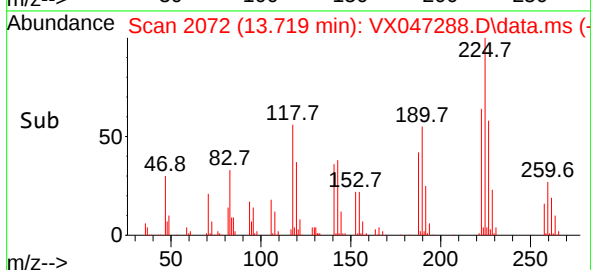
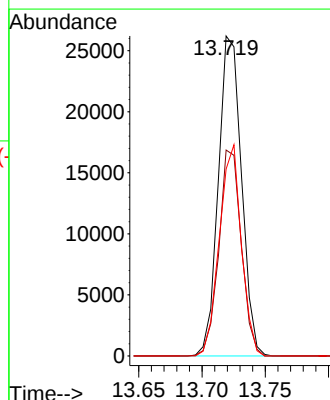
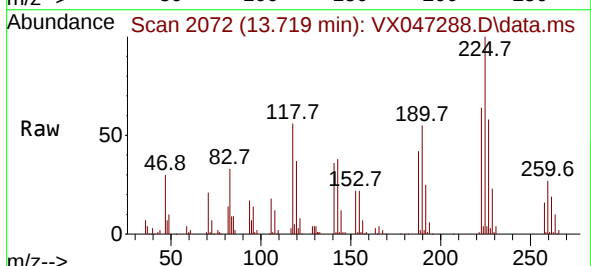
RT: 13.719 min Scan# 2072

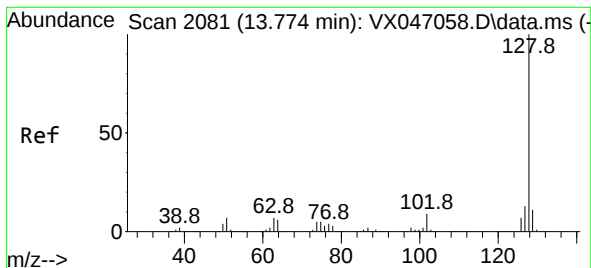
Delta R.T. -0.006 min

Lab File: VX047288.D

Acq: 12 Aug 2025 11:52

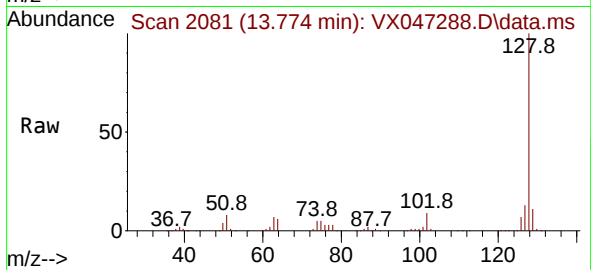
Tgt Ion:225	Resp:	33284
Ion Ratio	Lower	Upper
225	100	
223	62.4	31.6 95.0
227	62.6	32.9 98.6





#95
Naphthalene
Concen: 18.431 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52

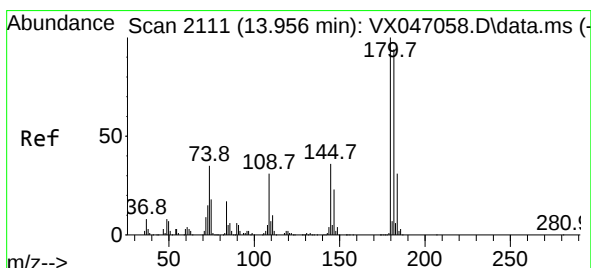
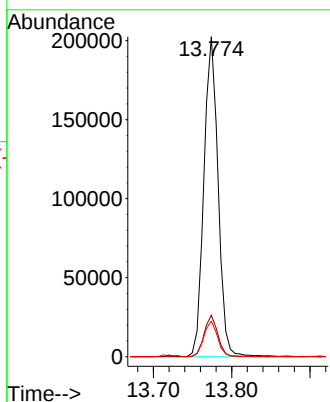
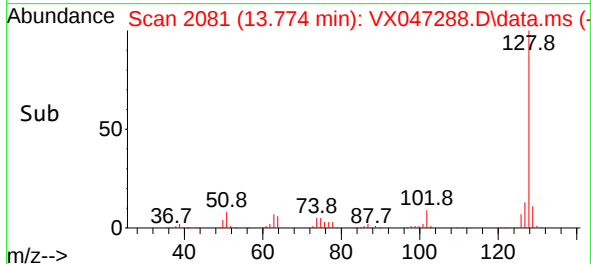
Instrument :
MSVOA_X
ClientSampleId :
VX0812WBS01



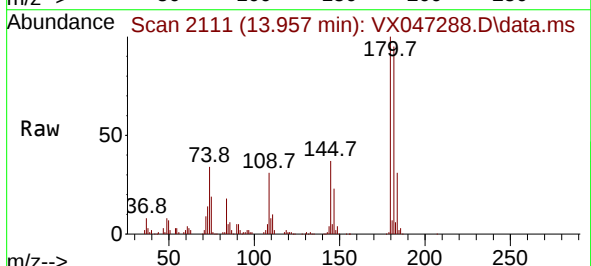
Tgt Ion:128 Resp: 254270
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.580 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047288.D
Acq: 12 Aug 2025 11:52



Tgt Ion:180 Resp: 84235
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.6
145 35.8 17.3 52.0

