

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
 Data File : VX047343.D
 Acq On : 14 Aug 2025 16:43
 Operator : JC/MD
 Sample : VX0814WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 01:30:24 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	5.556	168	233402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	397919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	184320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	156525	53.836	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.680%			
35) Dibromofluoromethane	5.397	113	139917	56.949	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.900%			
50) Toluene-d8	8.647	98	386412	48.565	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.140%			
62) 4-Bromofluorobenzene	11.079	95	190746	55.630	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	56394	18.191	ug/l	100
3) Chloromethane	1.307	50	48844	15.928	ug/l	99
4) Vinyl Chloride	1.392	62	56882	17.255	ug/l	96
5) Bromomethane	1.630	94	27583	15.404	ug/l	87
6) Chloroethane	1.703	64	36345	16.787	ug/l	96
7) Trichlorofluoromethane	1.904	101	87460	17.793	ug/l	96
8) Diethyl Ether	2.148	74	32968	19.022	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	54300	18.335	ug/l	99
10) Methyl Iodide	2.465	142	80178	26.565	ug/l	99
11) Tert butyl alcohol	2.965	59	31661	86.424	ug/l	99
12) 1,1-Dichloroethene	2.337	96	49732	16.955	ug/l	89
13) Acrolein	2.246	56	67609	107.997	ug/l	100
14) Allyl chloride	2.678	41	90317	17.034	ug/l	98
15) Acrylonitrile	3.081	53	141251	101.865	ug/l	99
16) Acetone	2.392	43	126635	108.725	ug/l	100
17) Carbon Disulfide	2.526	76	135338	15.949	ug/l	99
18) Methyl Acetate	2.715	43	70307	22.714	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	173449	19.430	ug/l	97
20) Methylene Chloride	2.800	84	57950	18.085	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	54862	18.278	ug/l	99
22) Diisopropyl ether	3.770	45	198087	19.432	ug/l	99
23) Vinyl Acetate	3.733	43	798198	97.625	ug/l	99
24) 1,1-Dichloroethane	3.623	63	104073	18.360	ug/l	99
25) 2-Butanone	4.568	43	170009	100.244	ug/l	99
26) 2,2-Dichloropropane	4.483	77	77588	17.682	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	64634	18.184	ug/l	99
28) Bromochloromethane	4.904	49	52766	20.233	ug/l	99
29) Tetrahydrofuran	5.026	42	109488	100.058	ug/l	100
30) Chloroform	5.105	83	109584	18.991	ug/l	94
31) Cyclohexane	5.477	56	93463	17.196	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	90840	18.125	ug/l	100
36) 1,1-Dichloropropene	5.702	75	71516	17.077	ug/l	98
37) Ethyl Acetate	4.721	43	81240	21.052	ug/l	97
38) Carbon Tetrachloride	5.684	117	79086	17.693	ug/l	98
39) Methylcyclohexane	7.385	83	87969	16.824	ug/l	94
40) Benzene	6.050	78	223576	18.447	ug/l	98

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Quant Time: Aug 18 01:30:24 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	35706	17.696	ug/l #	89
42) 1,2-Dichloroethane	6.098	62	81230	19.026	ug/l	99
43) Isopropyl Acetate	6.348	43	122943	20.436	ug/l	100
44) Trichloroethene	7.135	130	56204	18.084	ug/l	92
45) 1,2-Dichloropropane	7.434	63	57417	18.915	ug/l	95
46) Dibromomethane	7.586	93	42575	20.000	ug/l	99
47) Bromodichloromethane	7.824	83	85855	18.949	ug/l	99
48) Methyl methacrylate	7.696	41	61409	18.737	ug/l	97
49) 1,4-Dioxane	7.677	88	13145	352.641	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	373915	104.565	ug/l	99
52) Toluene	8.720	92	139409	18.707	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	76431	17.863	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	84047	17.948	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	56694	20.285	ug/l	97
56) Ethyl methacrylate	9.116	69	84400	20.399	ug/l	99
57) 1,3-Dichloropropane	9.311	76	96589	19.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	179765	78.078	ug/l	100
59) 2-Hexanone	9.433	43	259785	109.961	ug/l	98
60) Dibromochloromethane	9.519	129	63916	19.499	ug/l	100
61) 1,2-Dibromoethane	9.610	107	56887	19.466	ug/l	98
64) Tetrachloroethene	9.275	164	45640	17.288	ug/l	97
65) Chlorobenzene	10.079	112	156444	18.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54724	18.946	ug/l	97
67) Ethyl Benzene	10.195	91	268506	17.900	ug/l	99
68) m/p-Xylenes	10.299	106	205110	36.540	ug/l	98
69) o-Xylene	10.640	106	98739	18.490	ug/l	99
70) Styrene	10.653	104	172299	18.816	ug/l	99
71) Bromoform	10.799	173	41014	18.693	ug/l #	98
73) Isopropylbenzene	10.963	105	258349	17.766	ug/l	99
74) N-amyl acetate	10.842	43	104912	17.881	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	84340	20.304	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	64885m	19.019	ug/l	
77) Bromobenzene	11.195	156	62572	17.940	ug/l	98
78) n-propylbenzene	11.305	91	307536	17.698	ug/l	99
79) 2-Chlorotoluene	11.360	91	187631	18.063	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	213680	17.786	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9220	6.963	ug/l	92
82) 4-Chlorotoluene	11.451	91	223294	18.417	ug/l	99
83) tert-Butylbenzene	11.713	119	217996	18.079	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	220917	18.436	ug/l	100
85) sec-Butylbenzene	11.890	105	268735	17.837	ug/l	100
86) p-Isopropyltoluene	12.006	119	227631	18.219	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	123847	18.688	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	126404	18.826	ug/l	98
89) n-Butylbenzene	12.329	91	210808	17.992	ug/l	98
90) Hexachloroethane	12.536	117	38396	17.179	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	116908	18.457	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15801	19.817	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	78304	18.711	ug/l	99
94) Hexachlorobutadiene	13.719	225	26692	18.754	ug/l	99
95) Naphthalene	13.774	128	238263	19.421	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	74732	18.536	ug/l	100

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Manual Integrations
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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

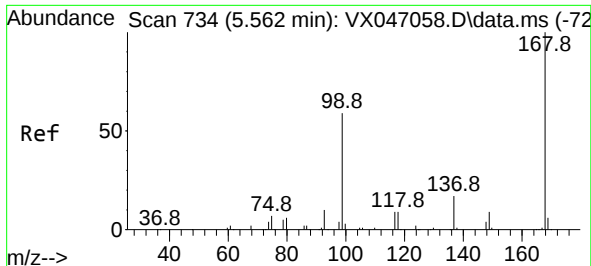
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

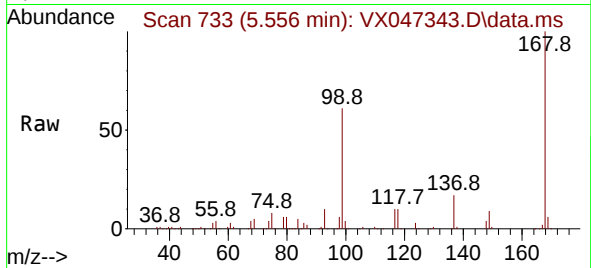
Quant Time: Aug 18 01:30:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

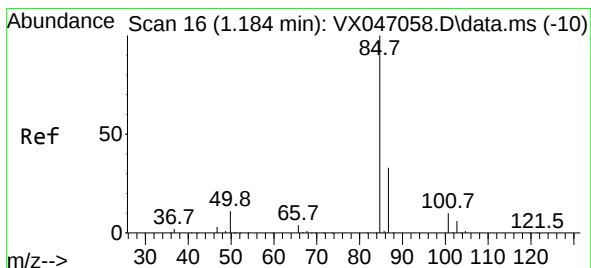
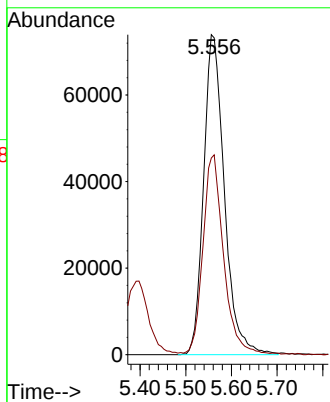
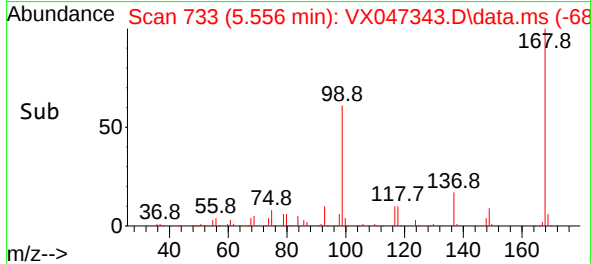
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion:168 Resp: 23340
Ion Ratio Lower Upper
168 100
99 61.0 48.0 72.0

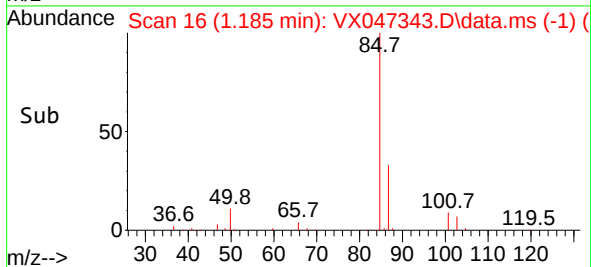
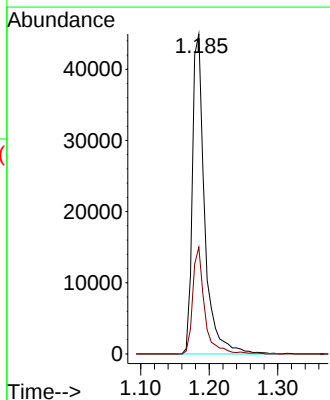
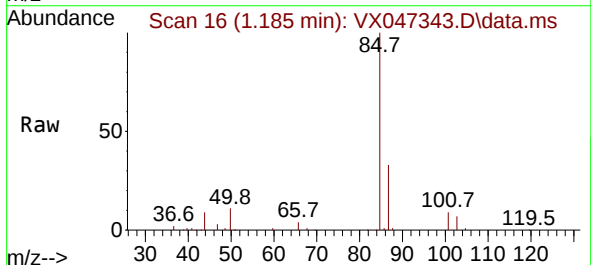
Manual Integrations
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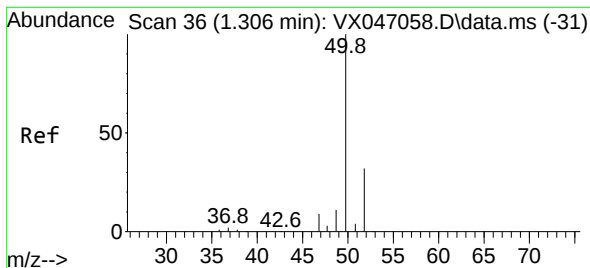
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#2
Dichlorodifluoromethane
Concen: 18.191 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Tgt Ion: 85 Resp: 56394
Ion Ratio Lower Upper
85 100
87 33.4 16.6 49.8





#3

Chloromethane

Concen: 15.928 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.000 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

Tgt Ion: 50 Resp: 4884

Ion Ratio Lower Upper

50 100

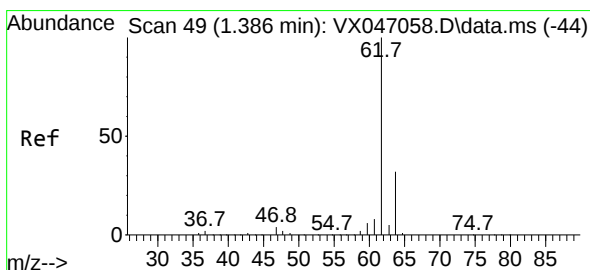
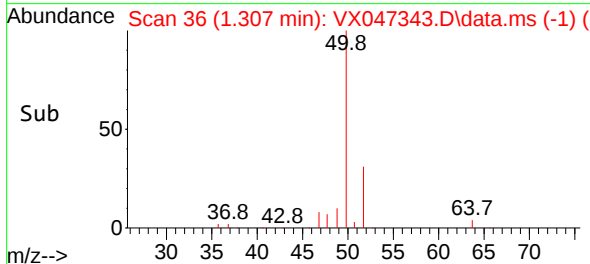
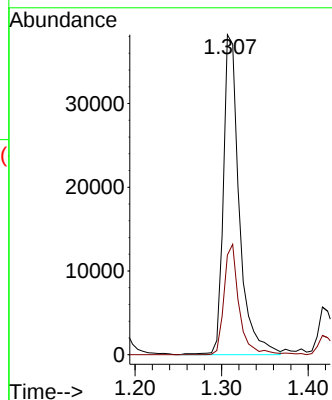
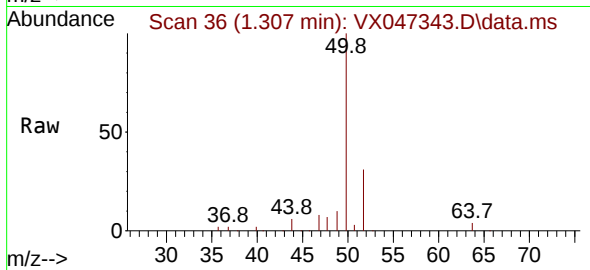
52 31.1 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.255 ug/l

RT: 1.392 min Scan# 50

Delta R.T. 0.006 min

Lab File: VX047343.D

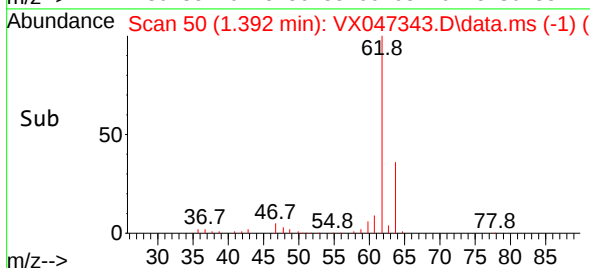
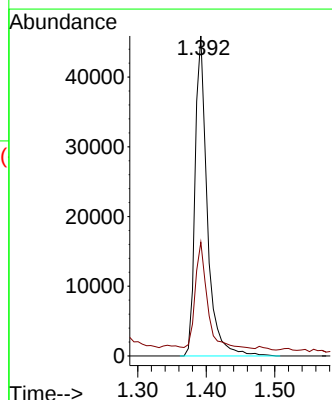
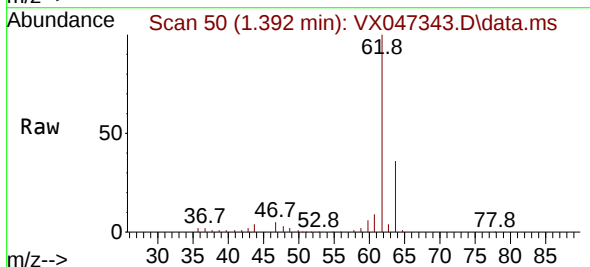
Acq: 14 Aug 2025 16:43

Tgt Ion: 62 Resp: 56882

Ion Ratio Lower Upper

62 100

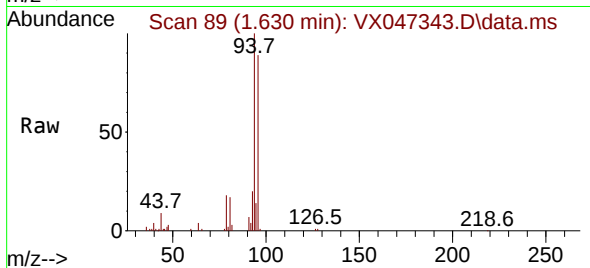
64 33.6 25.2 37.8





#5
Bromomethane
Concen: 15.404 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

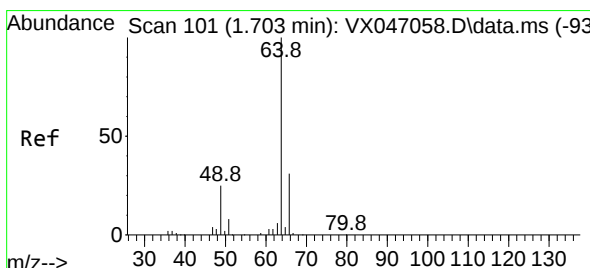
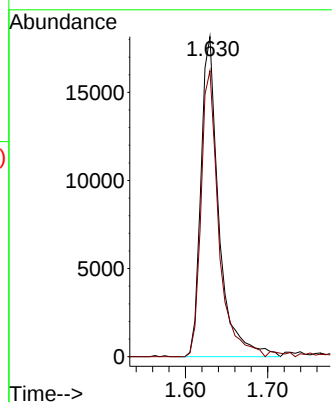
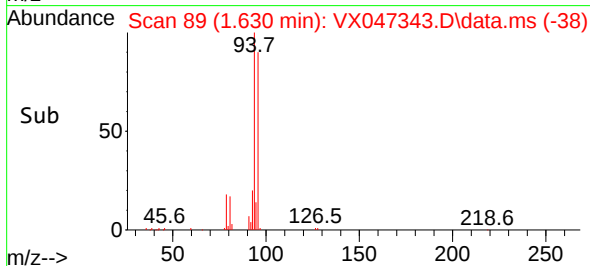
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion: 94 Resp: 2758
Ion Ratio Lower Upper
94 100
96 78.3 72.3 108.5

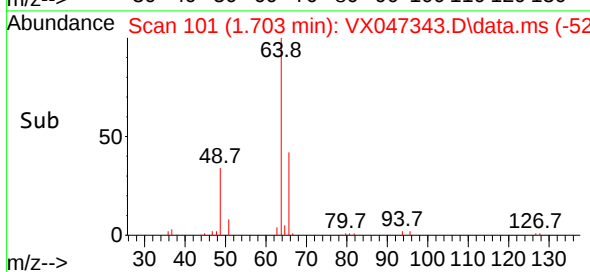
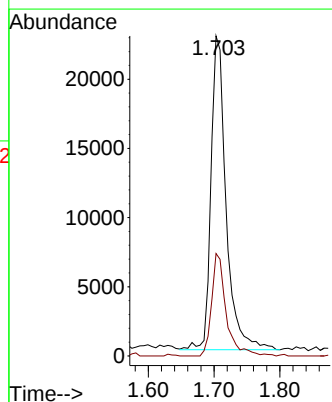
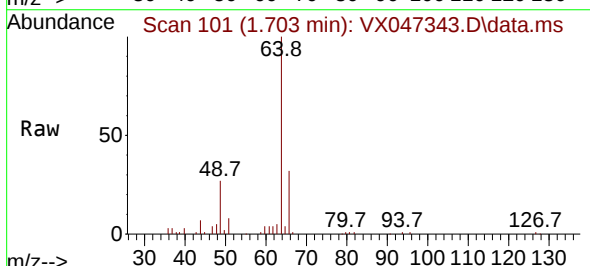
Manual Integrations
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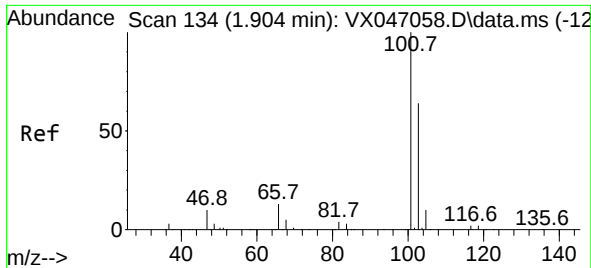
Reviewed By :John Carlone 08/18/2025
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#6
Chloroethane
Concen: 16.787 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

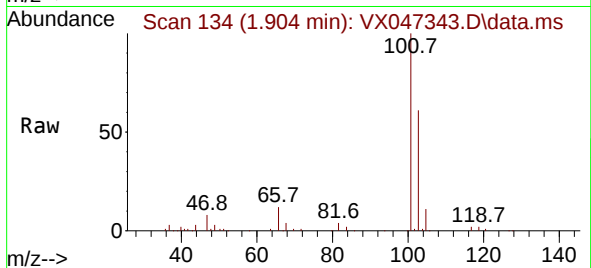
Tgt Ion: 64 Resp: 36345
Ion Ratio Lower Upper
64 100
66 33.4 25.0 37.6





#7
Trichlorofluoromethane
Concen: 17.793 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

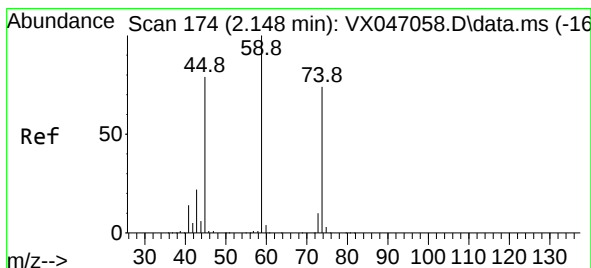
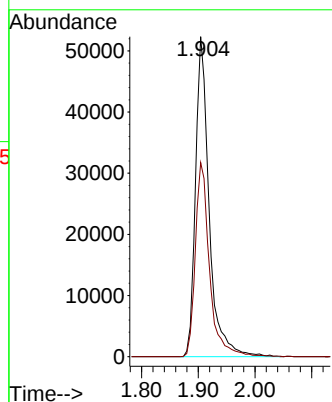
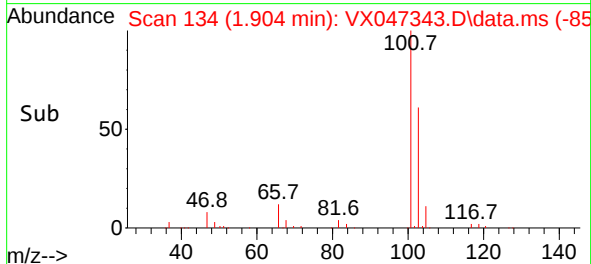
Instrument :
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VX0814WBSD02



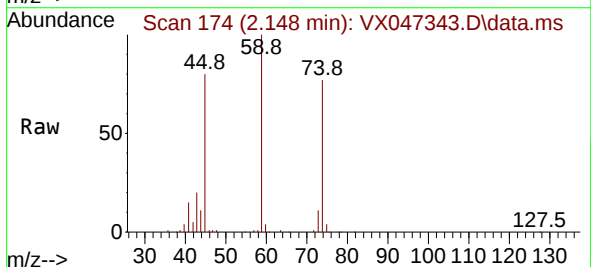
Tgt Ion:101 Resp: 87460
Ion Ratio Lower Upper
101 100
103 60.6 50.9 76.3

Manual Integrations
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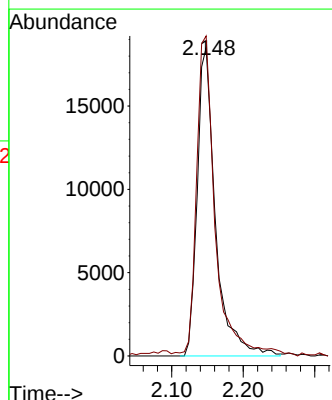
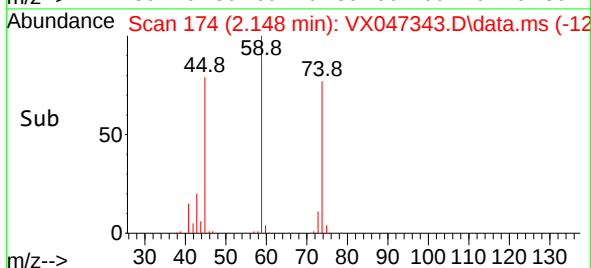
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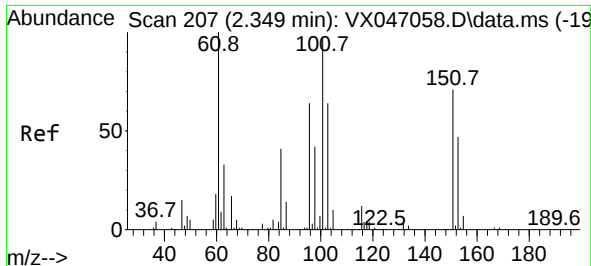


#8
Diethyl Ether
Concen: 19.022 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43



Tgt Ion: 74 Resp: 32968
Ion Ratio Lower Upper
74 100
45 105.8 53.0 159.0





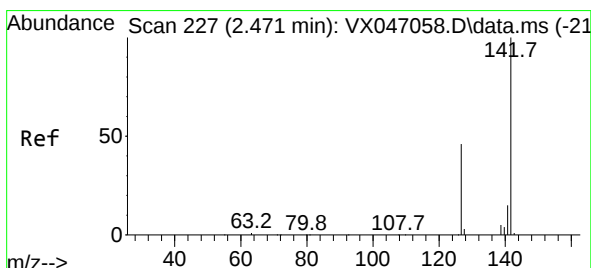
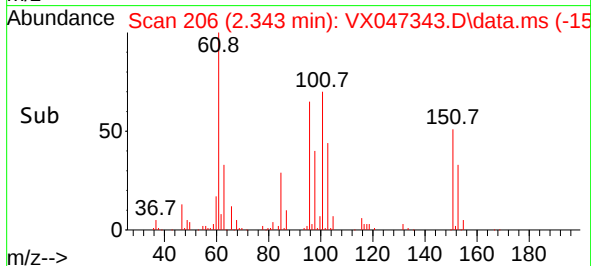
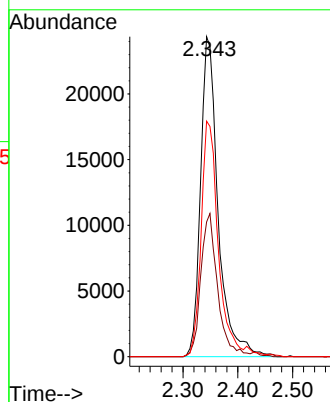
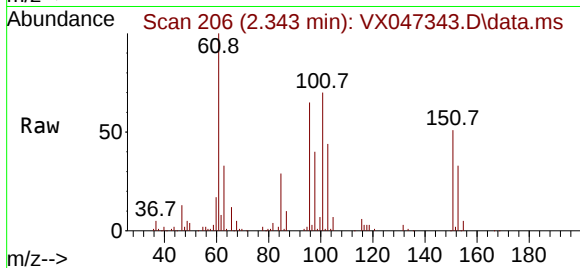
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.335 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

Tgt Ion:101 Resp: 54300
Ion Ratio Lower Upper
101 100
85 42.9 35.4 53.0
151 73.2 59.2 88.8

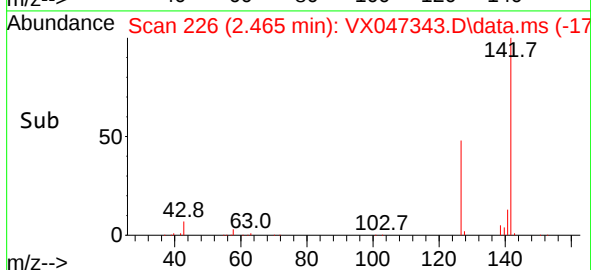
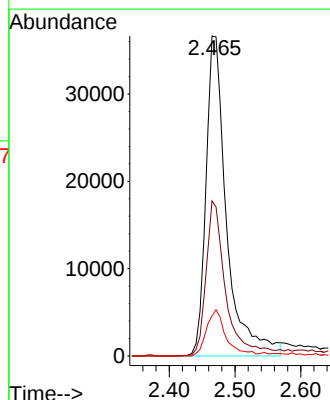
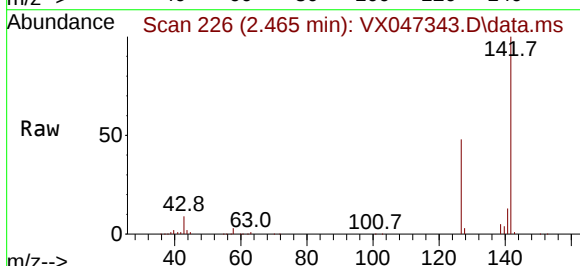
Manual Integrations
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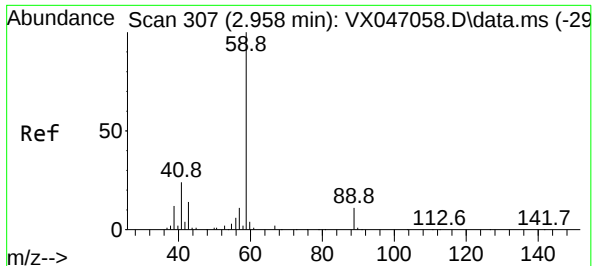
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 26.565 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Tgt Ion:142 Resp: 80178
Ion Ratio Lower Upper
142 100
127 46.2 36.6 54.8
141 13.7 10.9 16.3





#11

Tert butyl alcohol

Concen: 86.424 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.007 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

Tgt Ion: 59 Resp: 3166

Ion Ratio Lower Upper

59 100

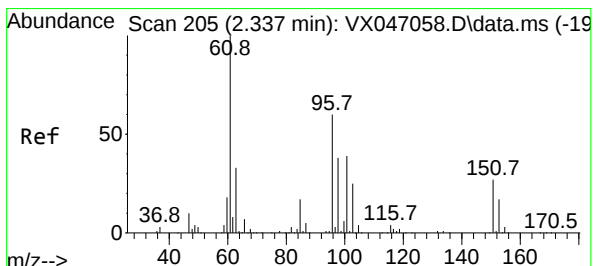
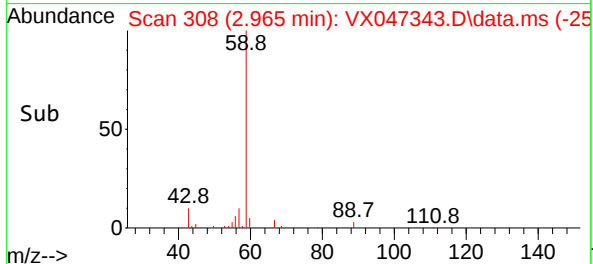
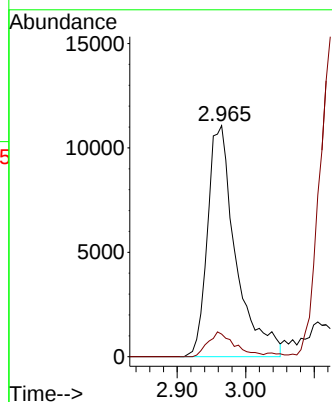
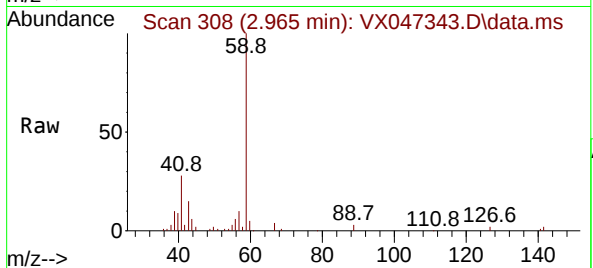
57 10.2 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#12

1,1-Dichloroethene

Concen: 16.955 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

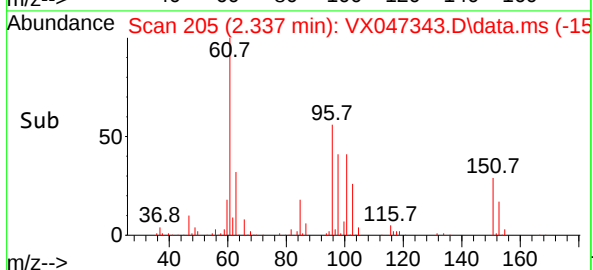
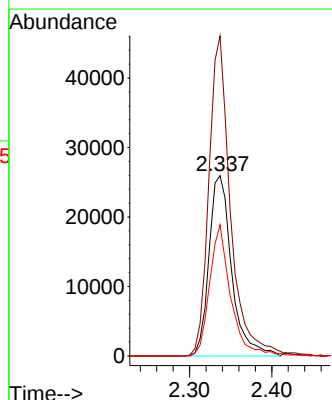
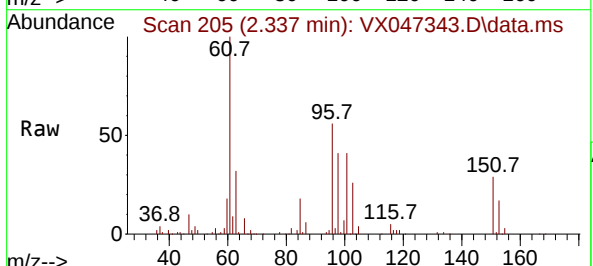
Tgt Ion: 96 Resp: 49732

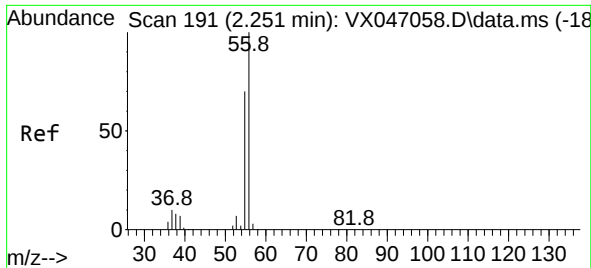
Ion Ratio Lower Upper

96 100

61 177.4 132.6 198.8

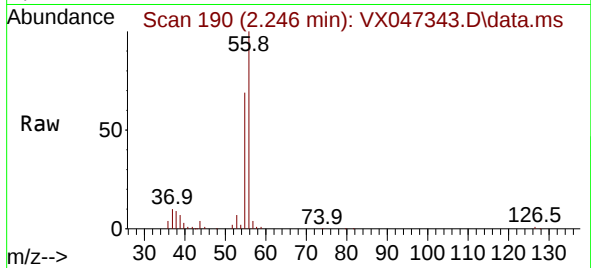
98 74.7 50.2 75.4





#13
Acrolein
Concen: 107.997 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

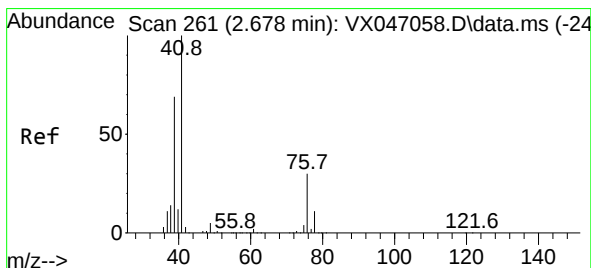
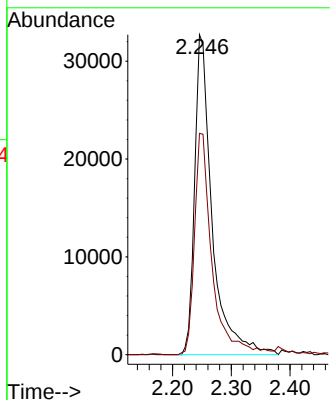
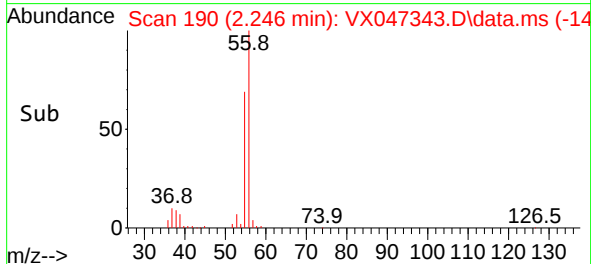
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion: 56 Resp: 67609
Ion Ratio Lower Upper
56 100
55 69.7 55.7 83.5

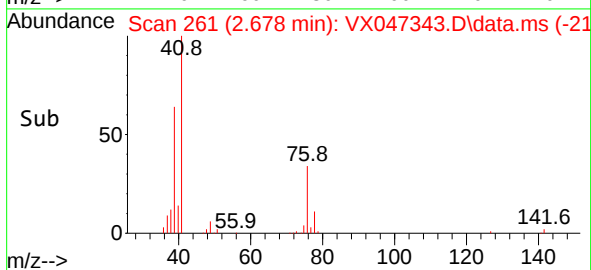
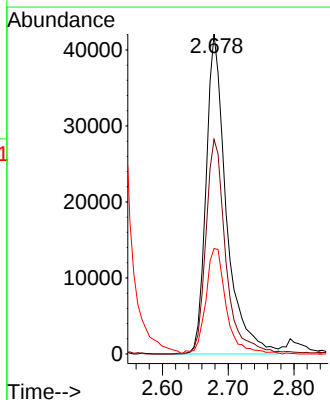
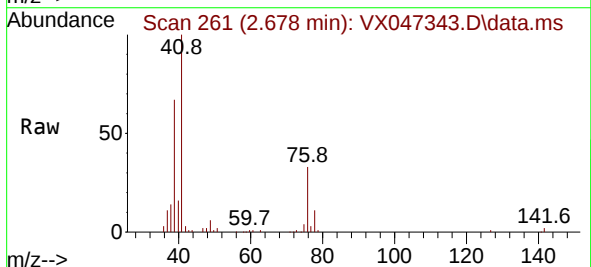
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 17.034 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

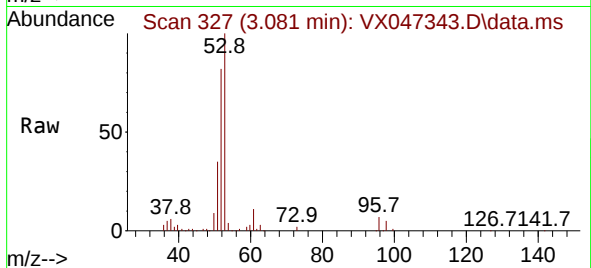
Tgt Ion: 41 Resp: 90317
Ion Ratio Lower Upper
41 100
39 66.7 52.6 78.8
76 33.3 25.7 38.5





#15
Acrylonitrile
Concen: 101.865 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

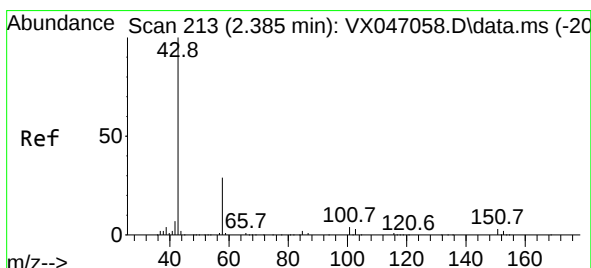
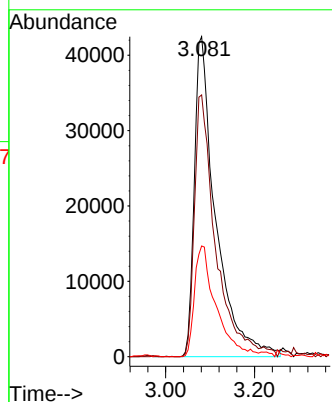
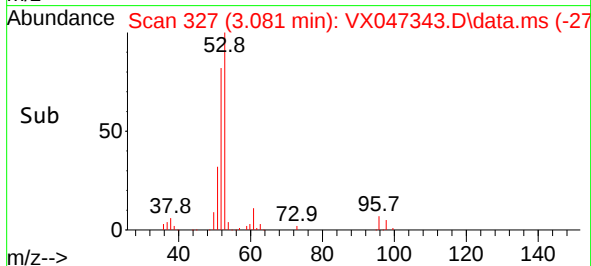
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion: 53 Resp: 14125
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 35.0 28.8 43.2

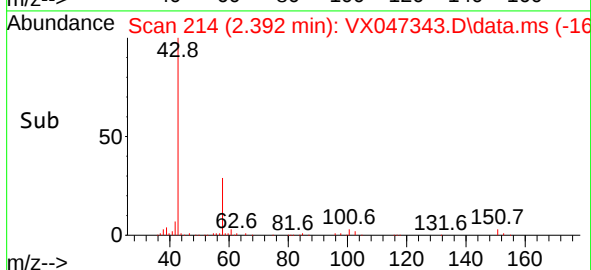
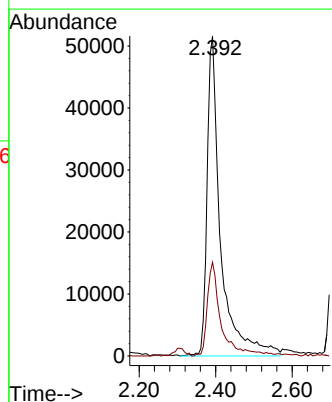
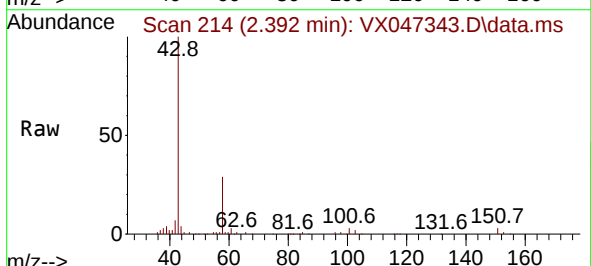
Manual Integrations
APPROVED

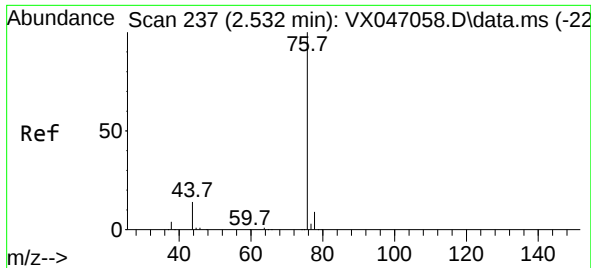
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 108.725 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Tgt Ion: 43 Resp: 126635
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0





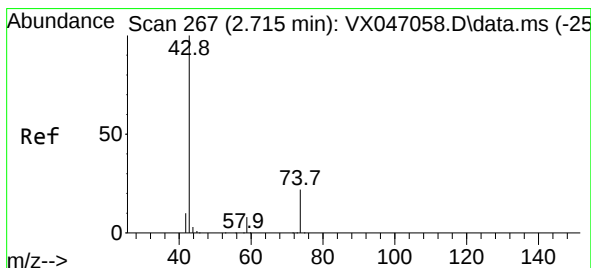
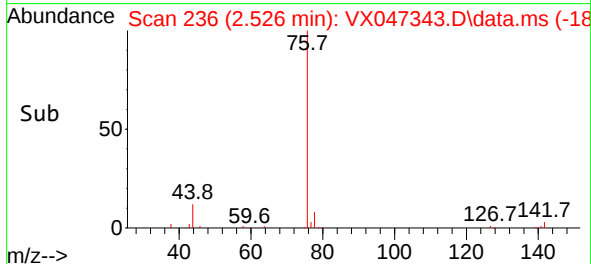
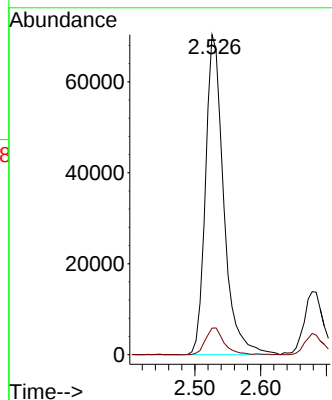
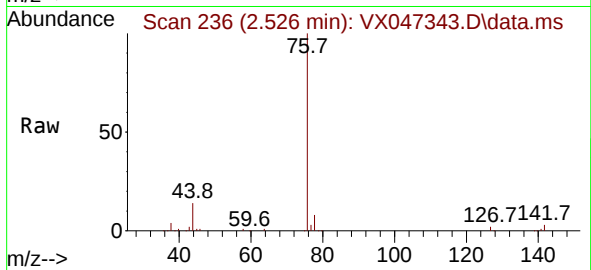
#17
Carbon Disulfide
Concen: 15.949 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

Tgt Ion: 76 Resp: 135338
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4

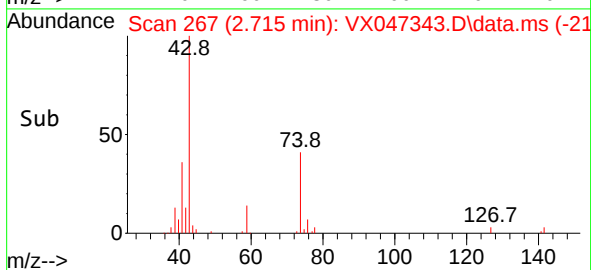
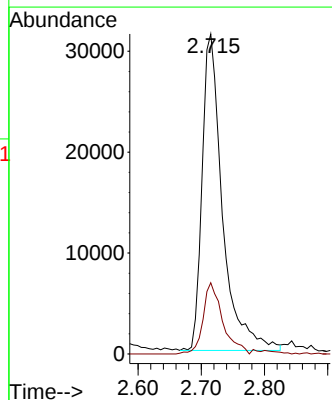
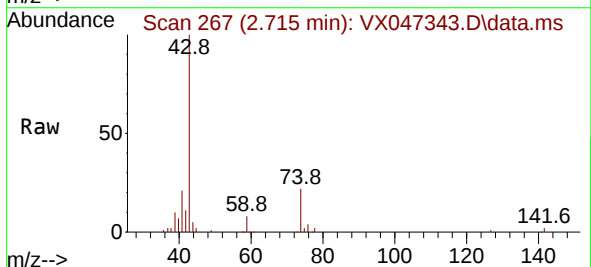
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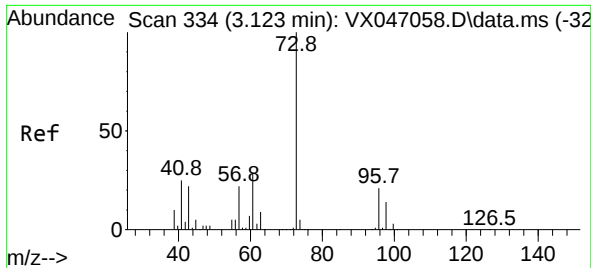
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 22.714 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Tgt Ion: 43 Resp: 70307
Ion Ratio Lower Upper
43 100
74 21.6 17.7 26.5





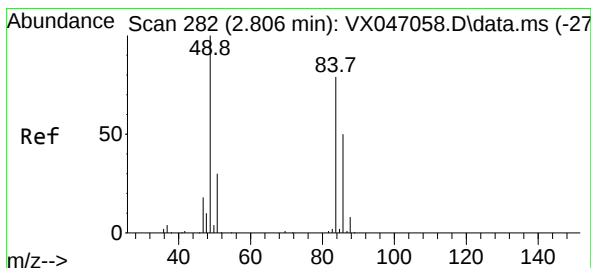
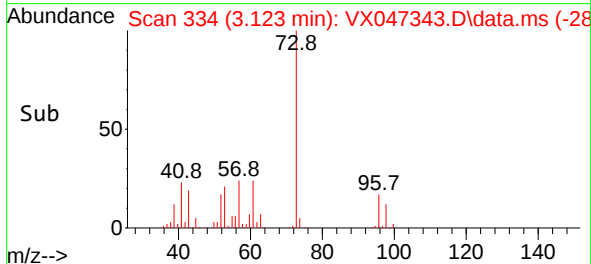
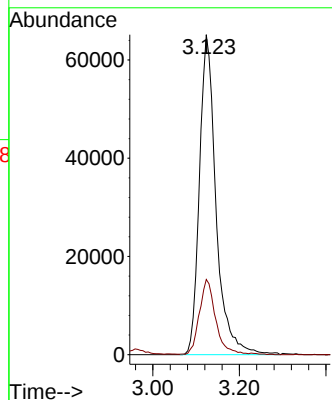
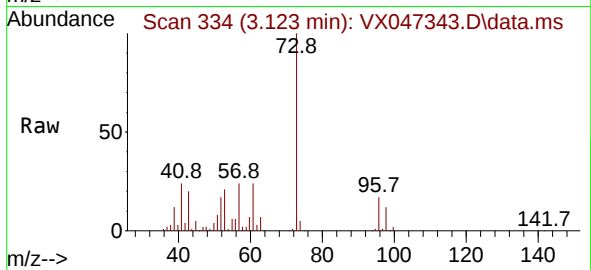
#19
Methyl tert-butyl Ether
Concen: 19.430 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

Tgt Ion: 73 Resp: 173449
Ion Ratio Lower Upper
73 100
57 23.5 17.7 26.5

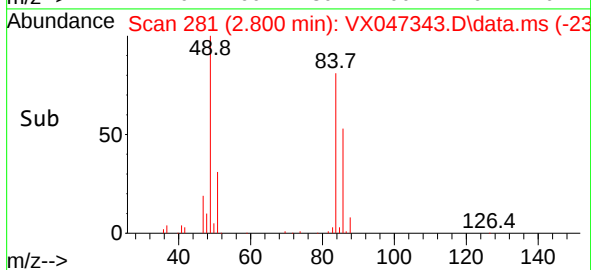
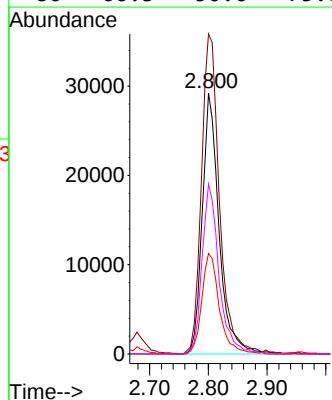
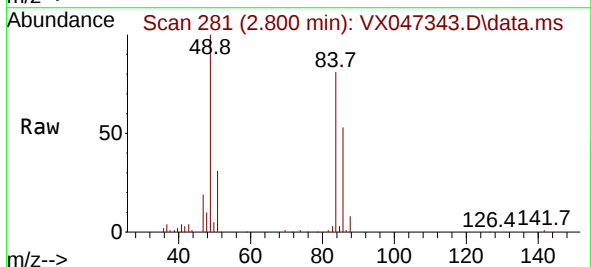
Manual Integrations
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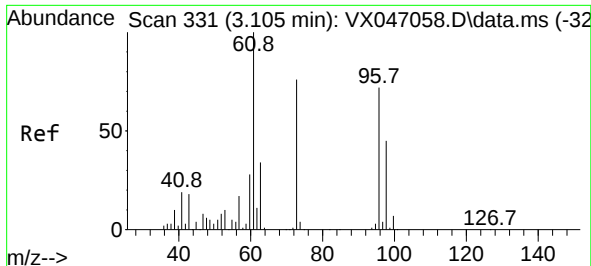
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 18.085 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

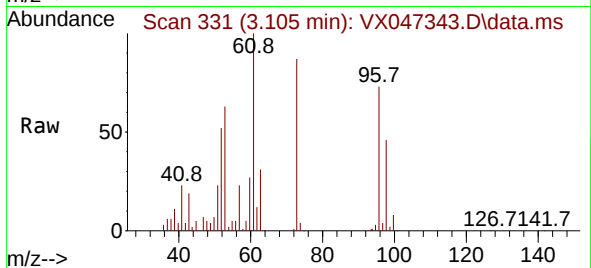
Tgt Ion: 84 Resp: 57950
Ion Ratio Lower Upper
84 100
49 122.7 101.6 152.4
51 38.5 30.3 45.5
86 66.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 18.278 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

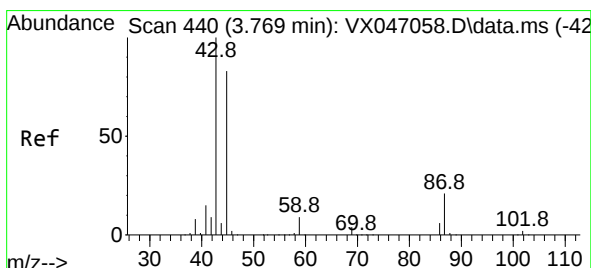
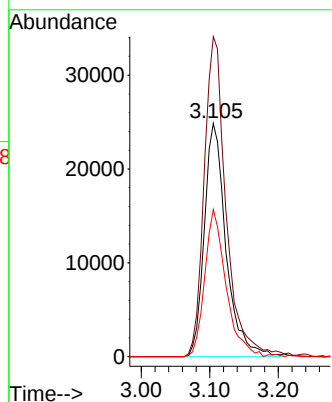
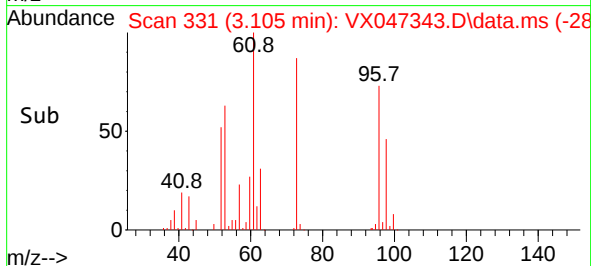
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion: 96 Resp: 54862
Ion Ratio Lower Upper
96 100
61 137.2 111.1 166.7
98 63.1 49.6 74.4

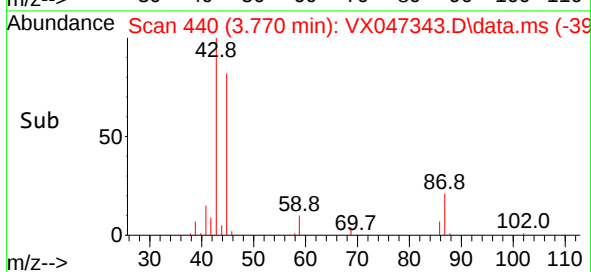
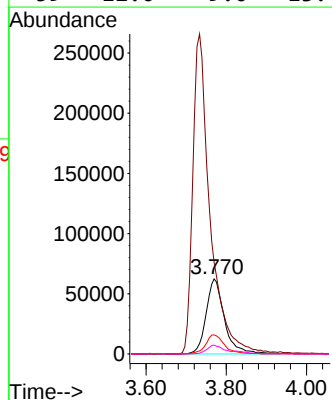
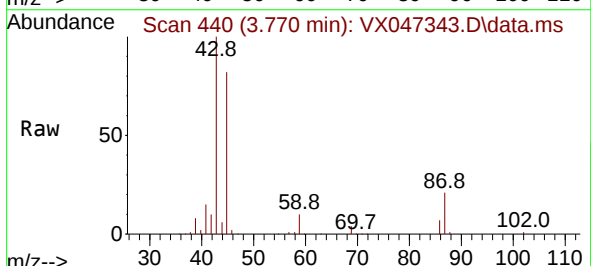
Manual Integrations
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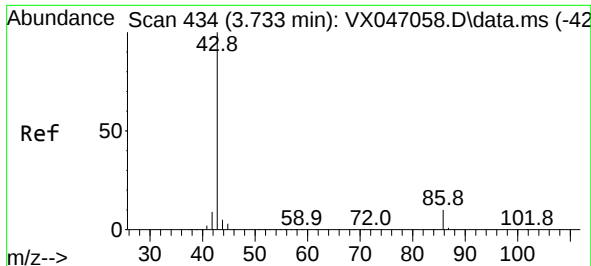
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 19.432 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

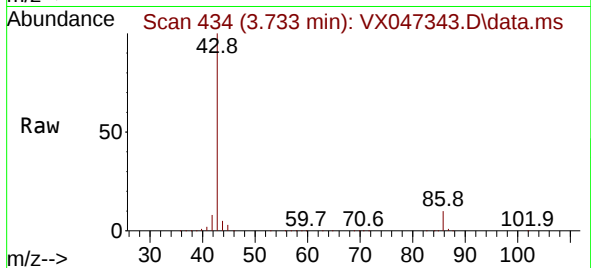
Tgt Ion: 45 Resp: 198087
Ion Ratio Lower Upper
45 100
43 121.7 96.8 145.2
87 25.4 20.5 30.7
59 12.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 97.625 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047343.D
 Acq: 14 Aug 2025 16:43

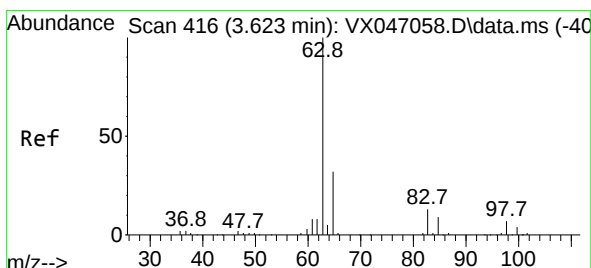
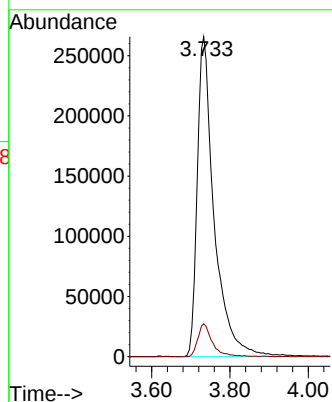
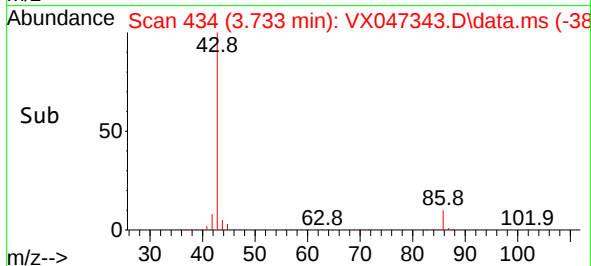
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02



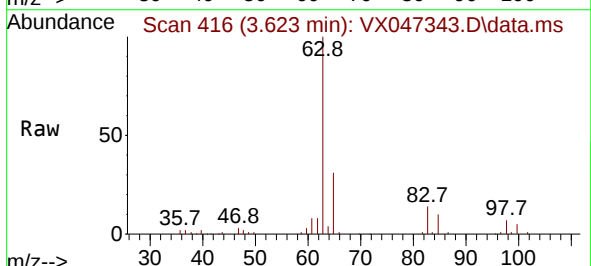
Tgt Ion: 43 Resp: 798198
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.1 12.1

Manual Integrations
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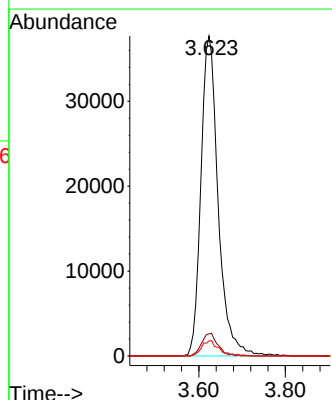
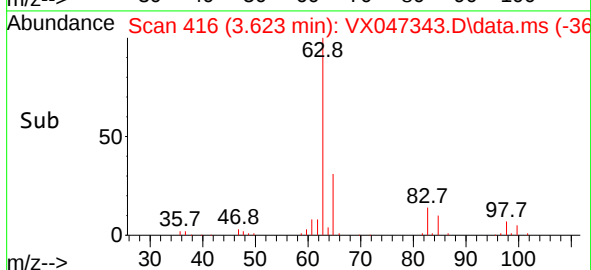
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

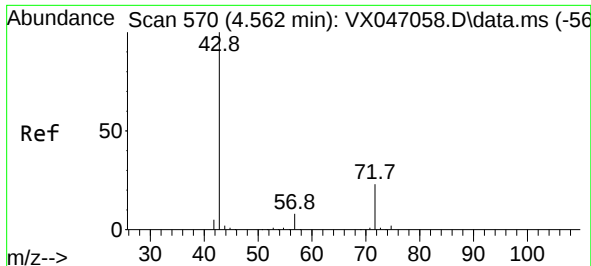


#24
 1,1-Dichloroethane
 Concen: 18.360 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047343.D
 Acq: 14 Aug 2025 16:43



Tgt Ion: 63 Resp: 104073
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.7 2.3 6.8





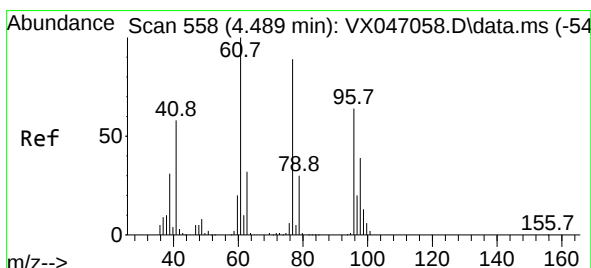
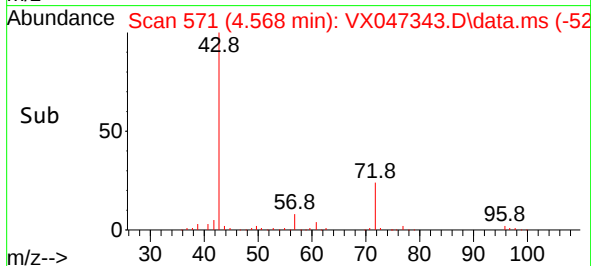
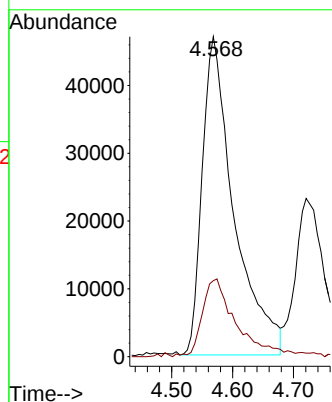
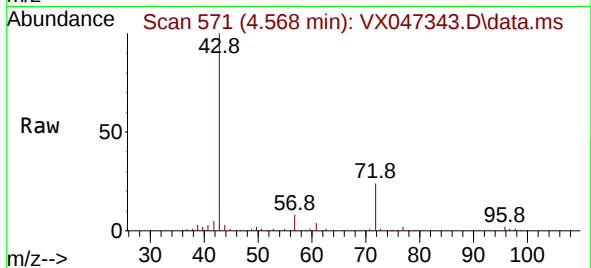
#25
2-Butanone
Concen: 100.244 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

Tgt Ion: 43 Resp: 170009
Ion Ratio Lower Upper
43 100
72 24.1 18.8 28.2

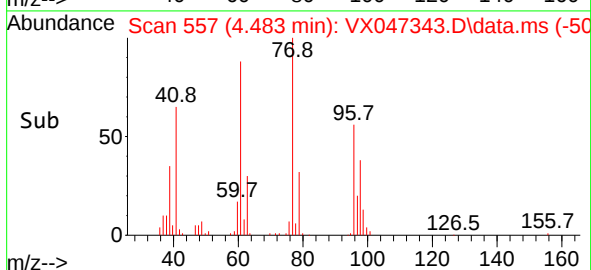
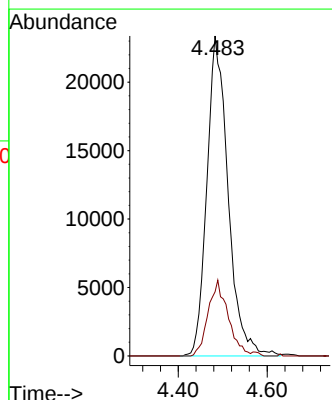
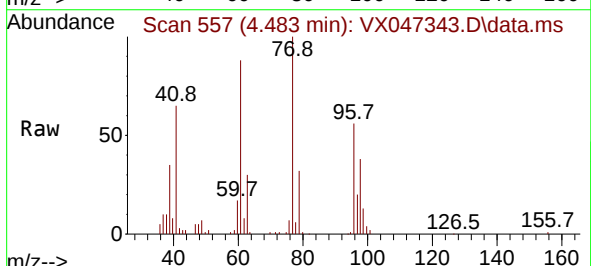
Manual Integrations
APPROVED

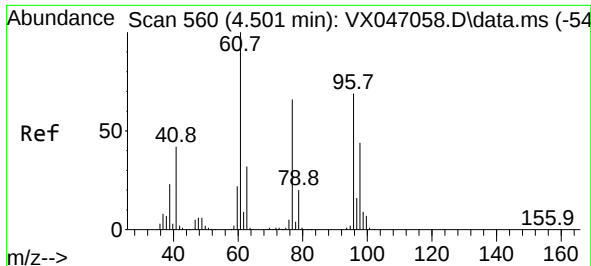
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 17.682 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Tgt Ion: 77 Resp: 77588
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.184 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

Tgt Ion: 96 Resp: 64634

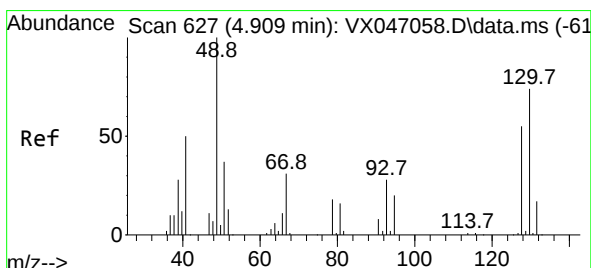
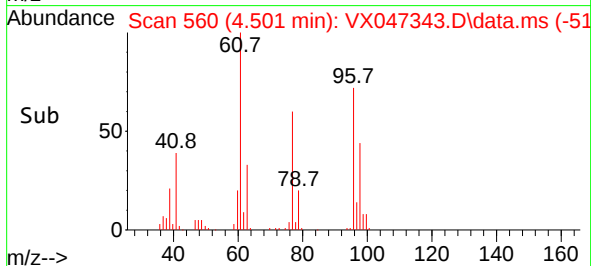
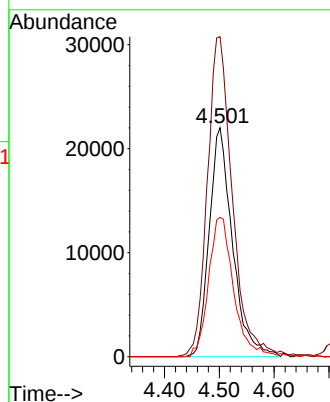
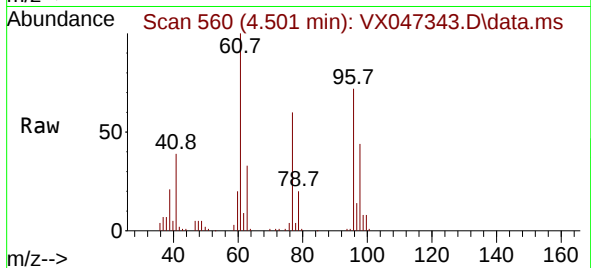
Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	298.6
98	65.3	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#28

Bromochloromethane

Concen: 20.233 ug/l

RT: 4.904 min Scan# 626

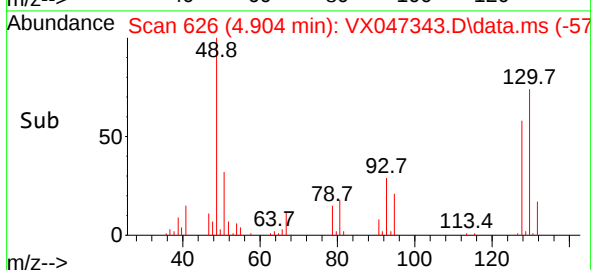
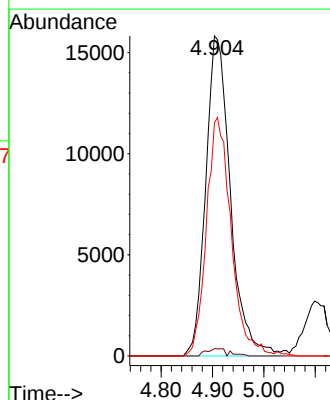
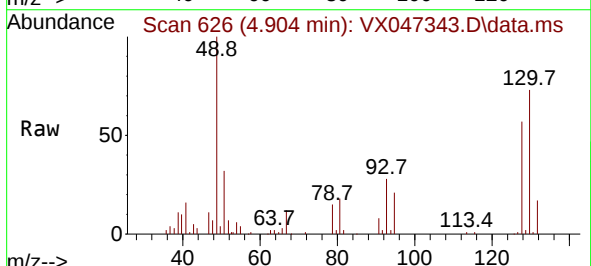
Delta R.T. -0.006 min

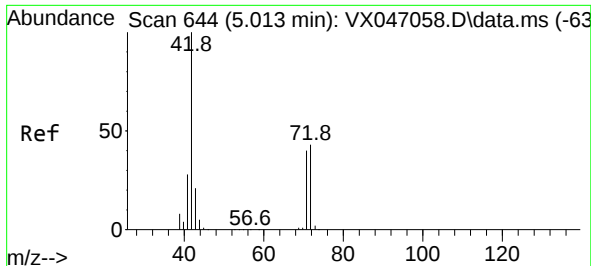
Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

Tgt Ion: 49 Resp: 52766

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	74.3	59.0	88.4





#29

Tetrahydrofuran

Concen: 100.058 ug/l

RT: 5.026 min Scan# 644

Delta R.T. 0.013 min

Lab File: VX047343.D

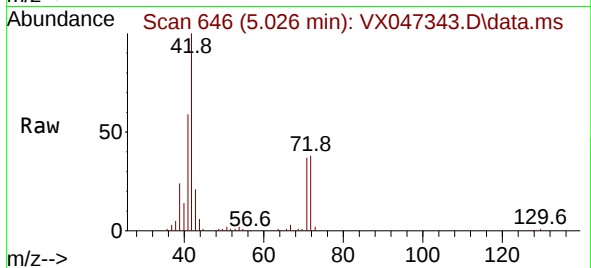
Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02



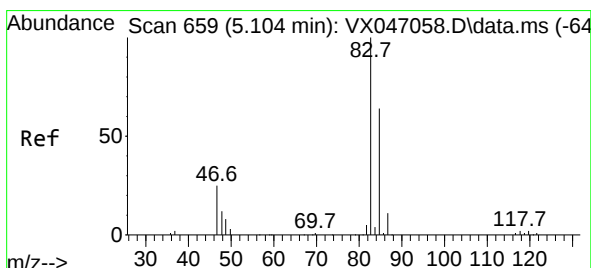
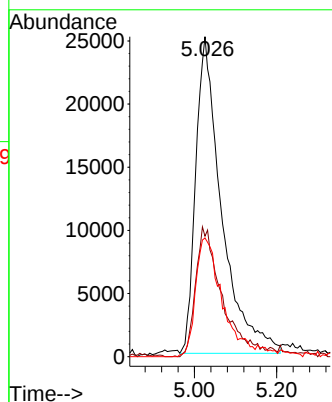
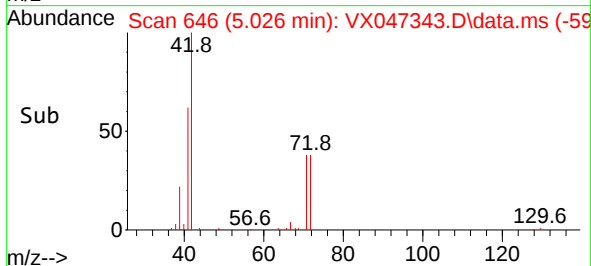
Tgt Ion:	42	Resp:	10948
Ion Ratio	Lower	Upper	
42	100		
72	42.0	33.7	50.5
71	38.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#30

Chloroform

Concen: 18.991 ug/l

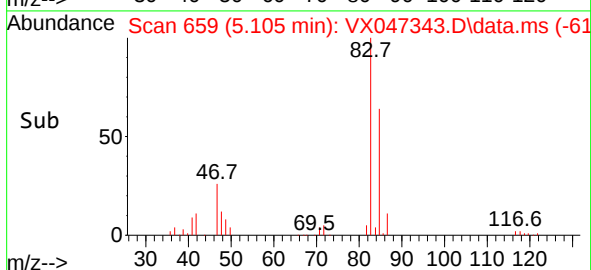
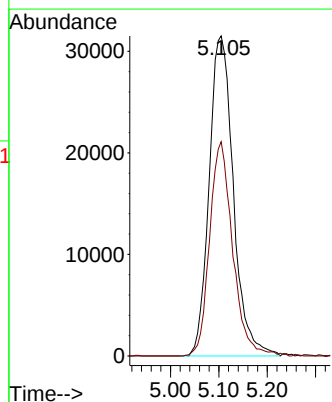
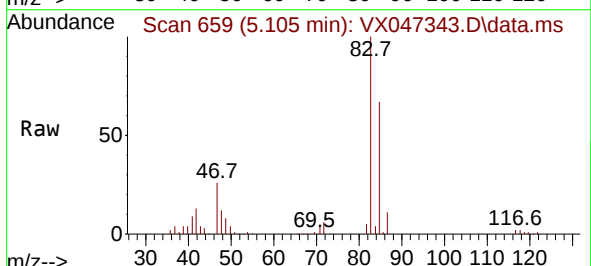
RT: 5.105 min Scan# 659

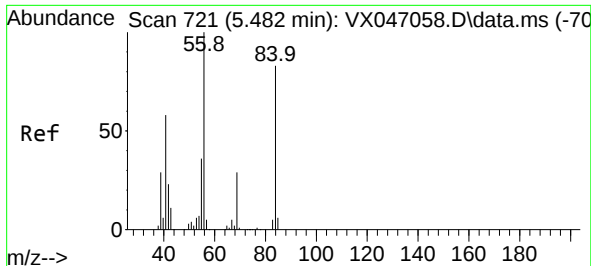
Delta R.T. 0.000 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

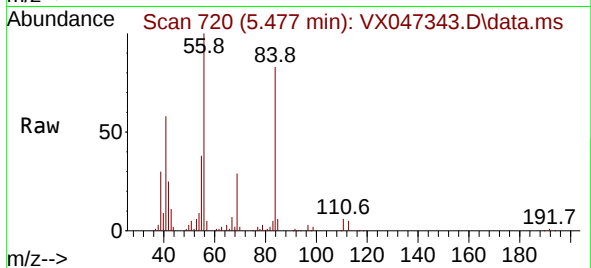
Tgt Ion:	83	Resp:	109584
Ion Ratio	Lower	Upper	
83	100		
85	68.1	50.9	76.3





#31
Cyclohexane
Concen: 17.196 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

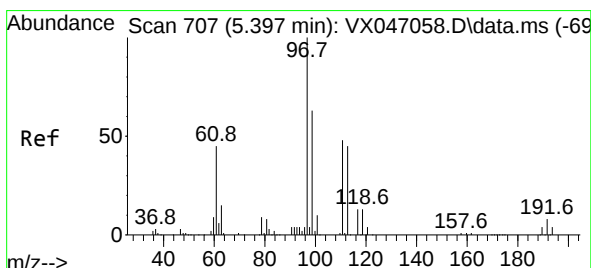
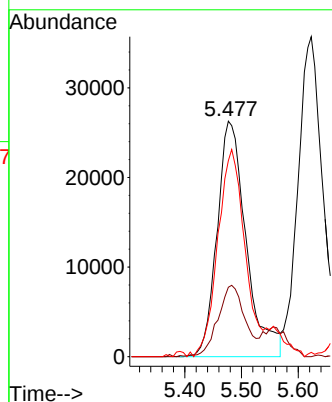
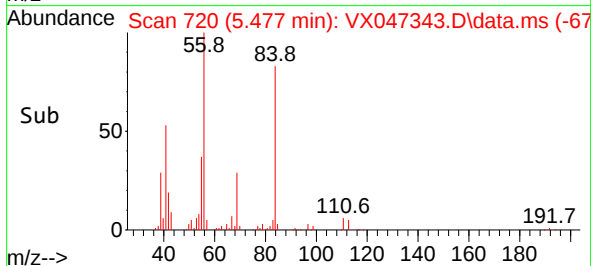
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion: 56 Resp: 9346
Ion Ratio Lower Upper
56 100
69 29.0 23.3 34.9
84 80.9 66.5 99.7

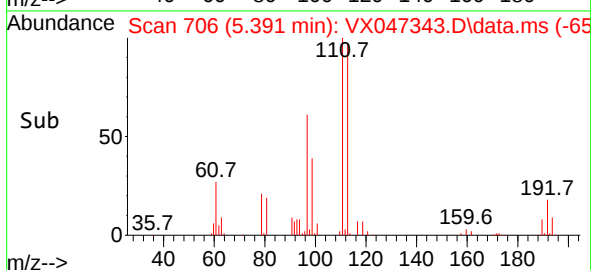
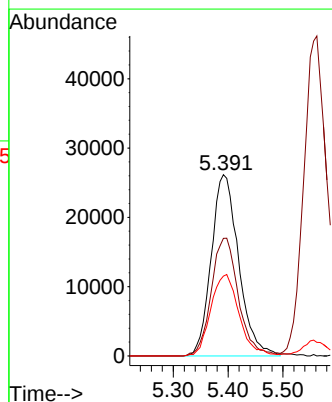
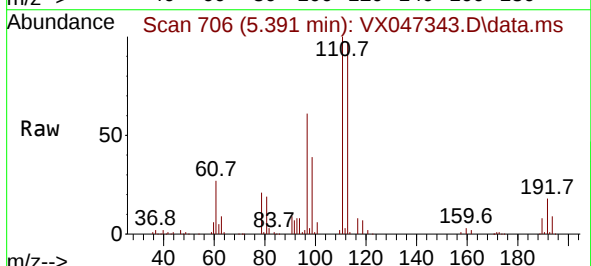
Manual Integrations
APPROVED

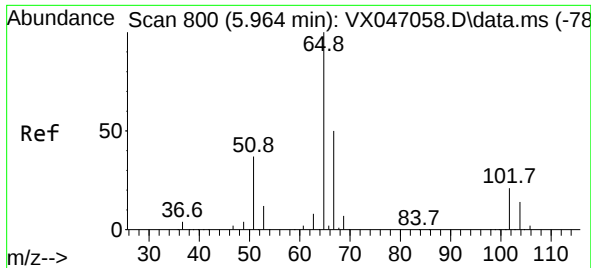
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#32
1,1,1-Trichloroethane
Concen: 18.125 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

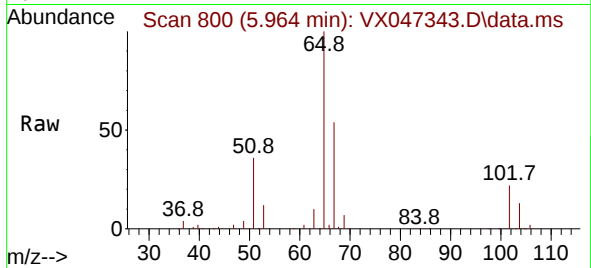
Tgt Ion: 97 Resp: 90840
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 46.3 37.1 55.7





#33
1,2-Dichloroethane-d4
Concen: 53.836 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

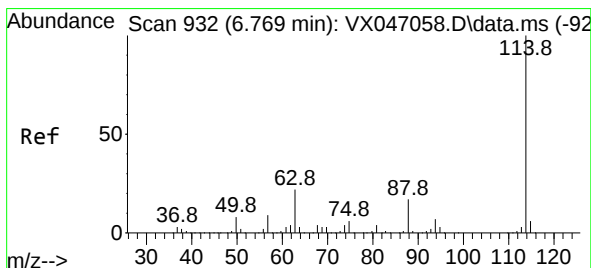
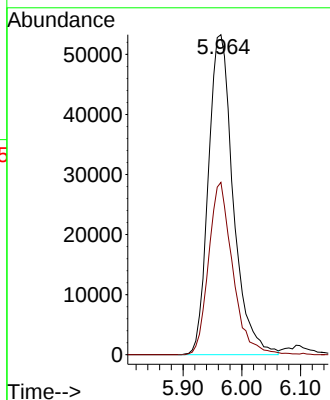
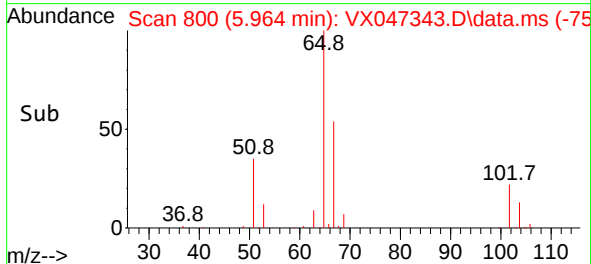
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



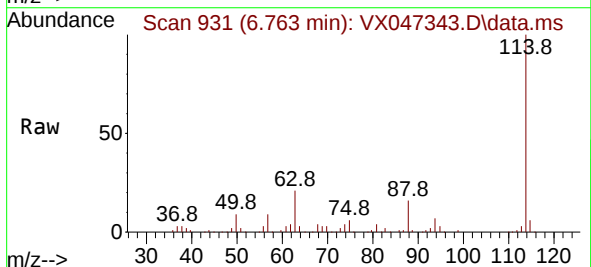
Tgt Ion: 65 Resp: 156529
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

Manual Integrations
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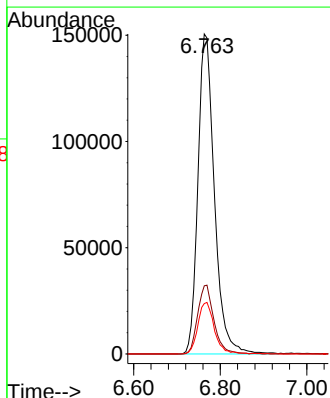
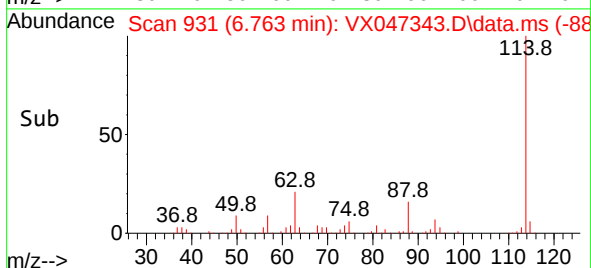
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

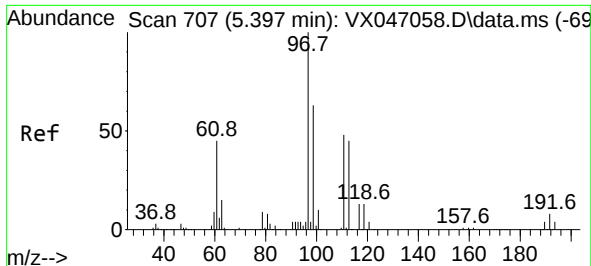


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43



Tgt Ion:114 Resp: 397919
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 15.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 56.949 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047343.D

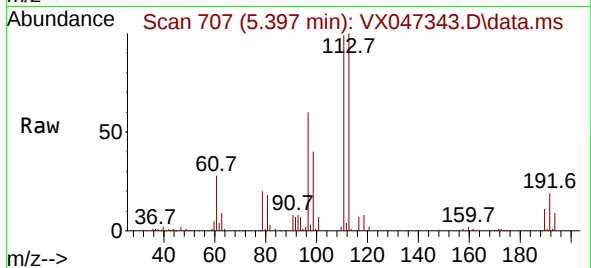
Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02



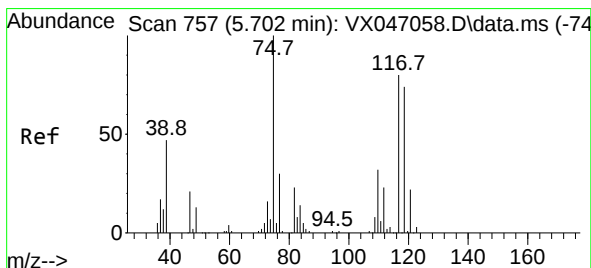
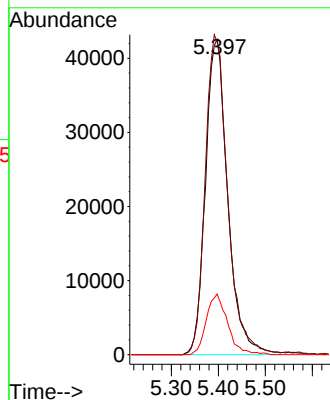
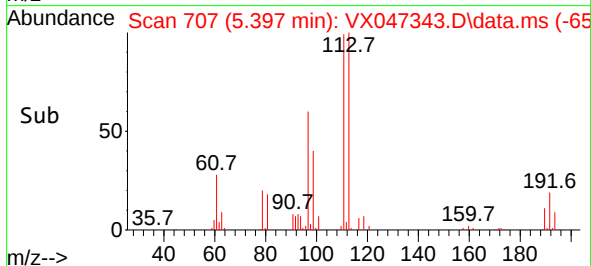
Tgt Ion:	113	Resp:	13991
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	18.5	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#36

1,1-Dichloropropene

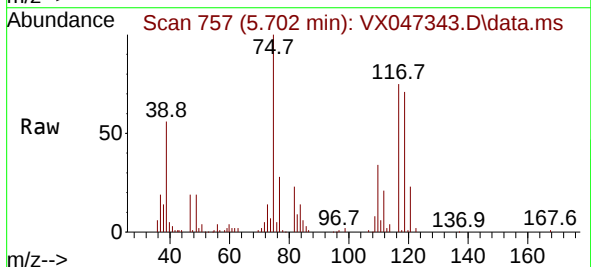
Concen: 17.077 ug/l

RT: 5.702 min Scan# 757

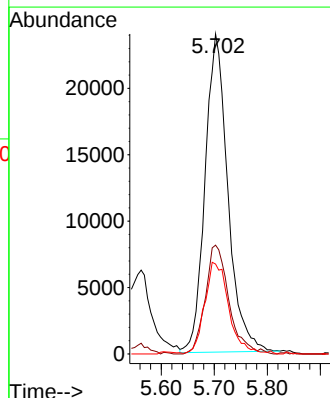
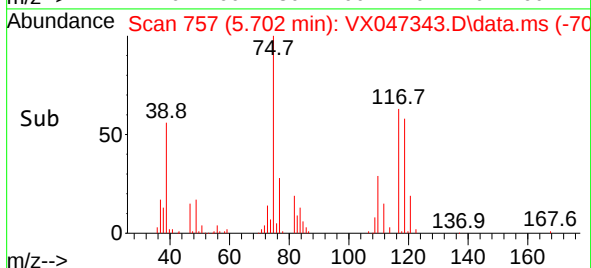
Delta R.T. 0.000 min

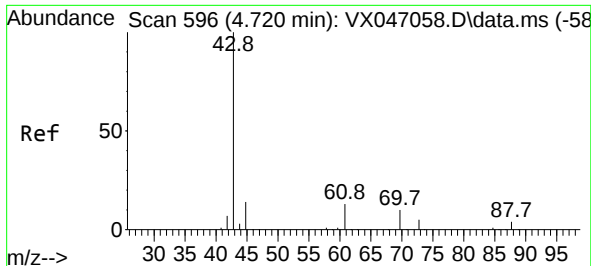
Lab File: VX047343.D

Acq: 14 Aug 2025 16:43



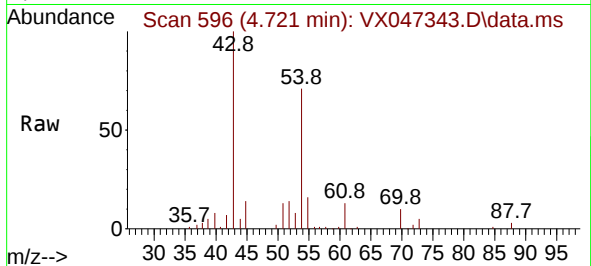
Tgt Ion:	75	Resp:	71516
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.2	51.5
77	29.9	25.1	37.7





#37
Ethyl Acetate
Concen: 21.052 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

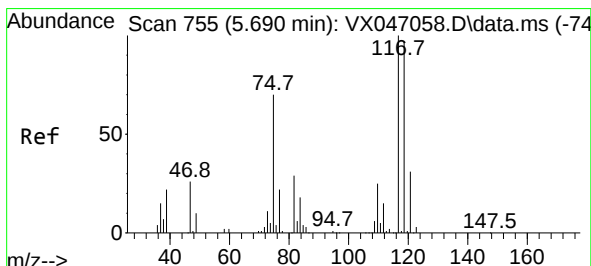
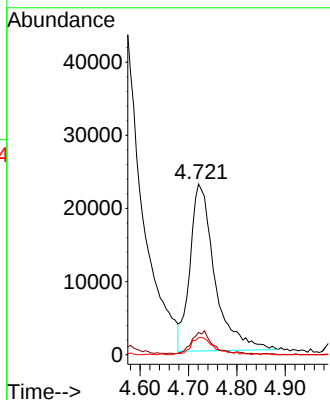
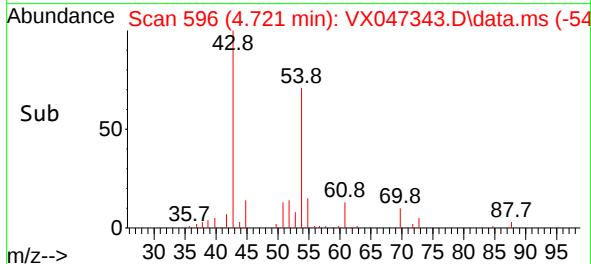
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion: 43 Resp: 81240
Ion Ratio Lower Upper
43 100
61 10.9 10.2 15.2
70 9.7 8.1 12.1

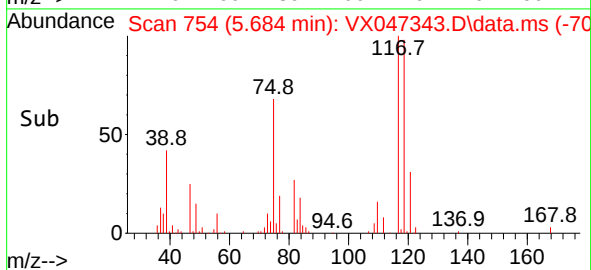
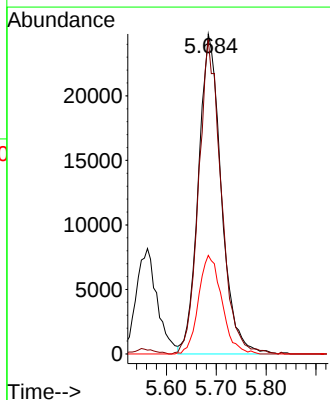
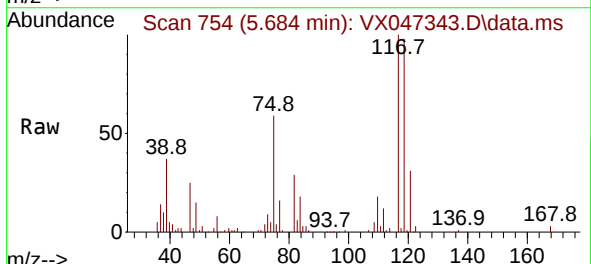
Manual Integrations
APPROVED

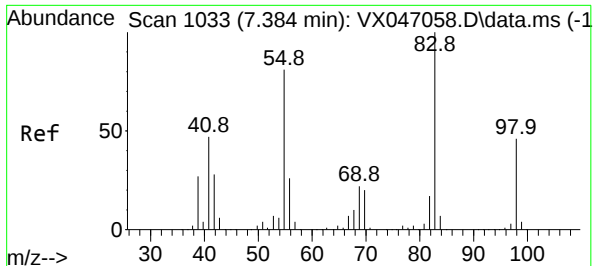
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#38
Carbon Tetrachloride
Concen: 17.693 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Tgt Ion:117 Resp: 79086
Ion Ratio Lower Upper
117 100
119 98.2 76.6 115.0
121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 16.824 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

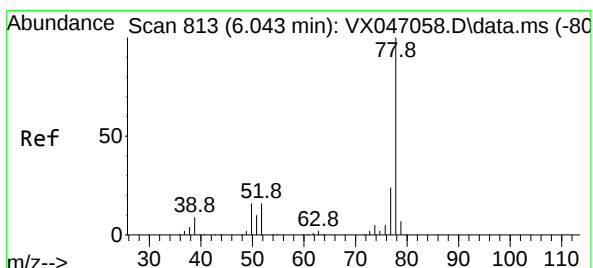
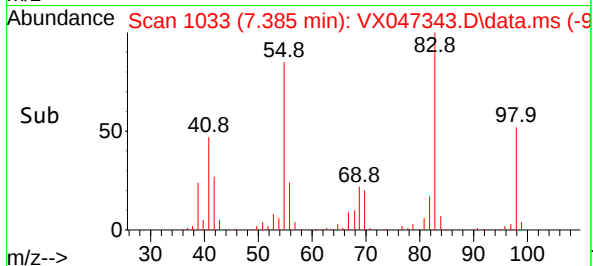
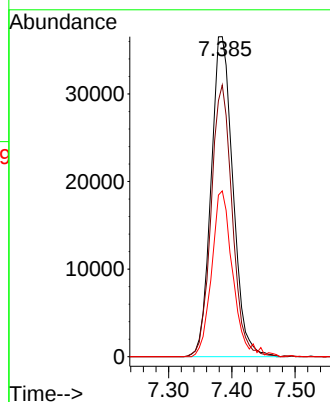
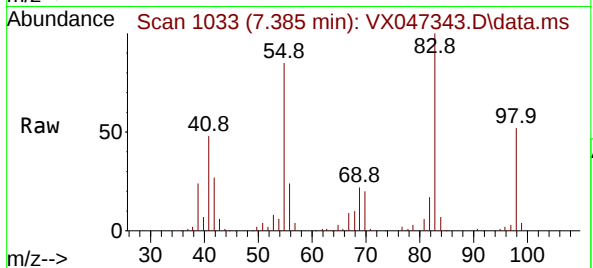
Tgt Ion:	83	Resp:	87969
Ion Ratio	Lower	Upper	
83	100		
55	84.9	64.5	96.7
98	51.8	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 18.447 ug/l

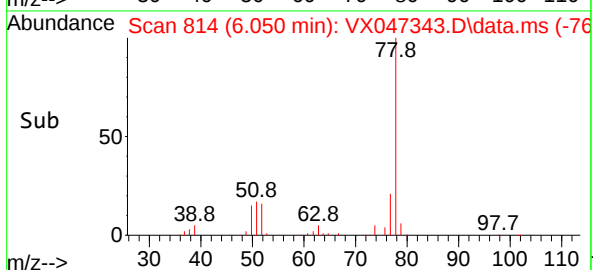
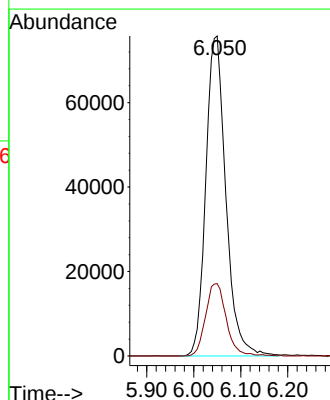
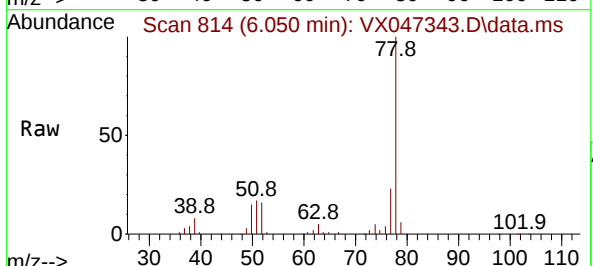
RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

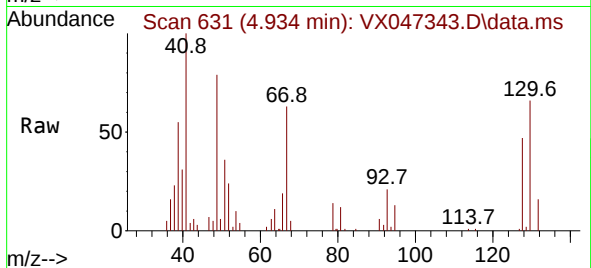
Tgt Ion:	78	Resp:	223576
Ion Ratio	Lower	Upper	
78	100		
77	22.6	19.0	28.4





#41
Methacrylonitrile
Concen: 17.696 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

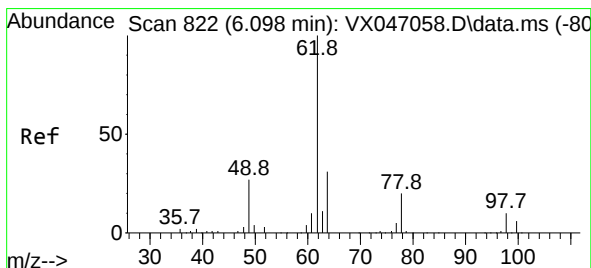
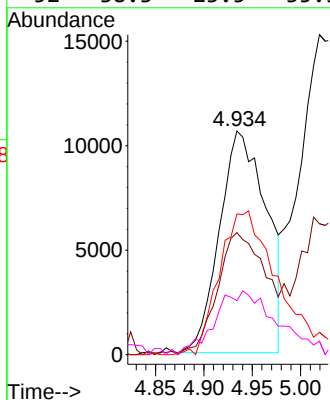
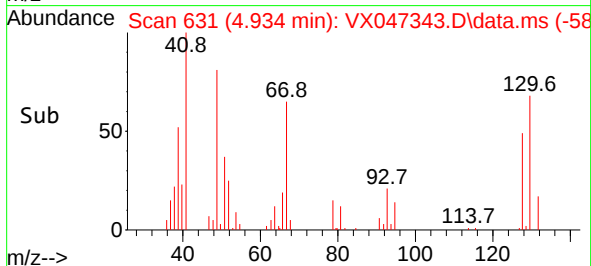
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion: 41 Resp: 35700
Ion Ratio Lower Upper
41 100
39 57.0 44.2 66.2
67 83.2 56.4 84.6
52 38.3 23.5 35.3#

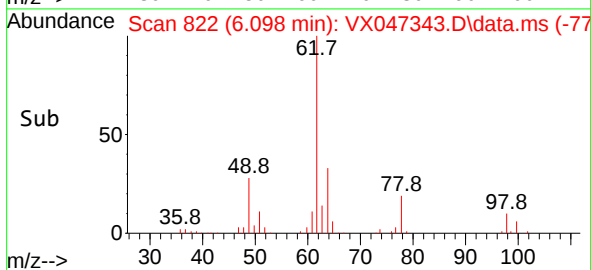
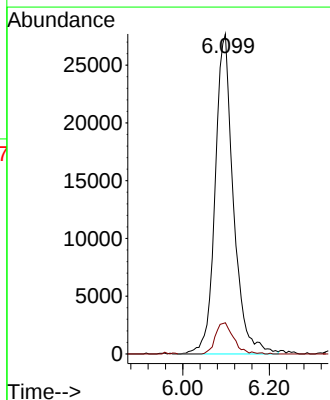
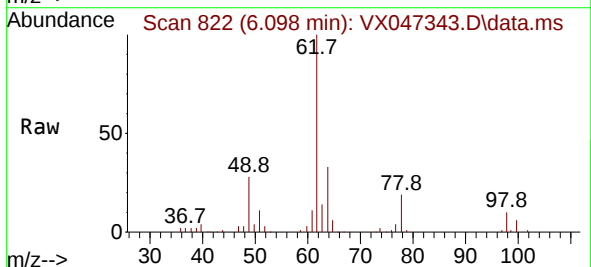
Manual Integrations
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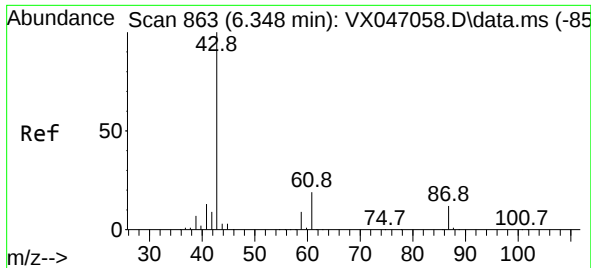
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 19.026 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

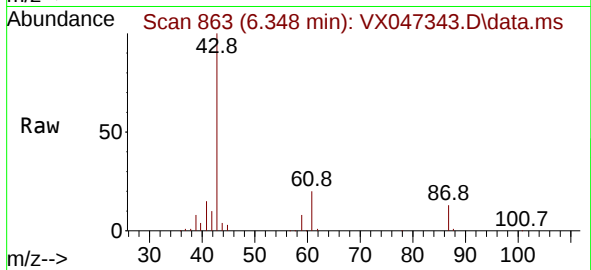
Tgt Ion: 62 Resp: 81230
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.8





#43
Isopropyl Acetate
Concen: 20.436 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

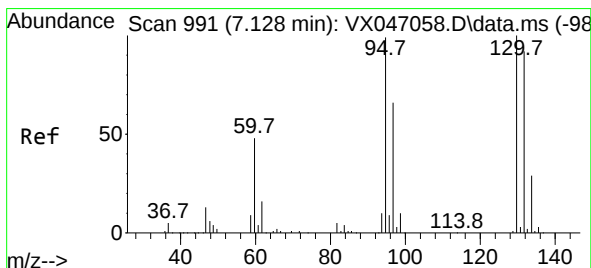
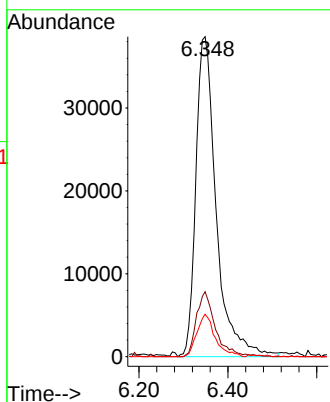
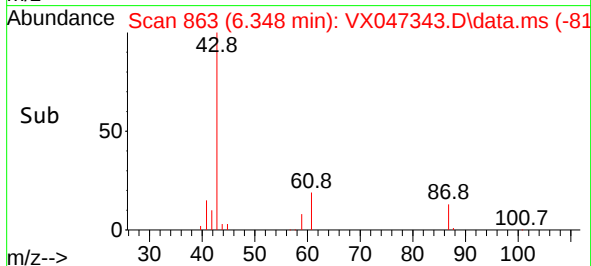
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion: 43 Resp: 12294
Ion Ratio Lower Upper
43 100
61 19.0 15.1 22.7
87 11.9 9.7 14.5

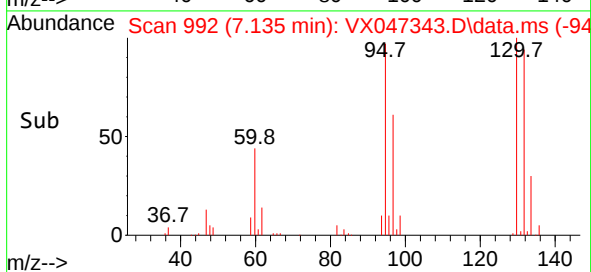
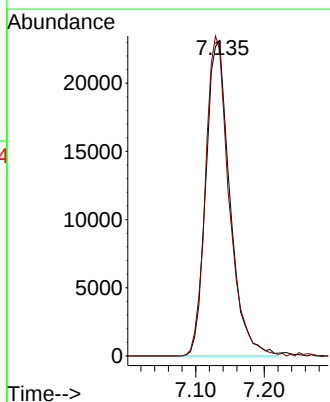
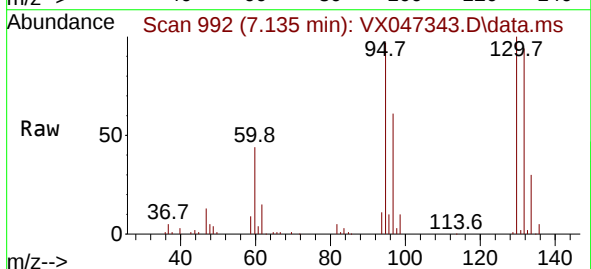
Manual Integrations
APPROVED

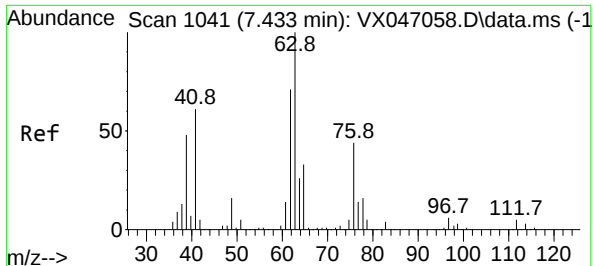
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#44
Trichloroethene
Concen: 18.084 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.007 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Tgt Ion:130 Resp: 56204
Ion Ratio Lower Upper
130 100
95 106.8 0.0 198.6





#45

1,2-Dichloropropane

Concen: 18.915 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

Tgt Ion: 63 Resp: 5741

Ion Ratio Lower Upper

63 100

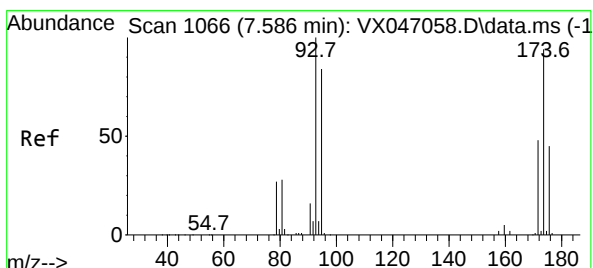
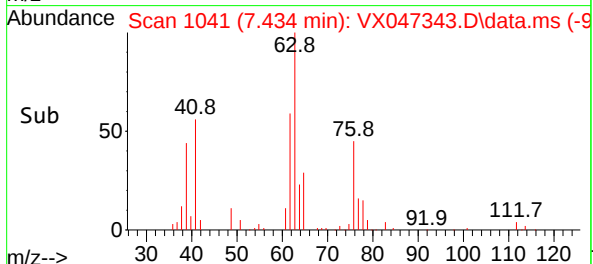
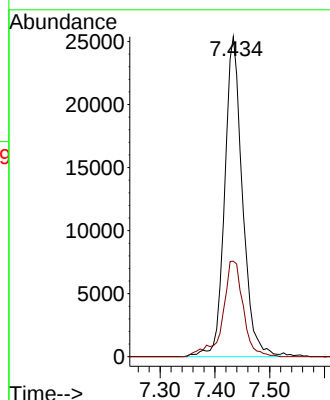
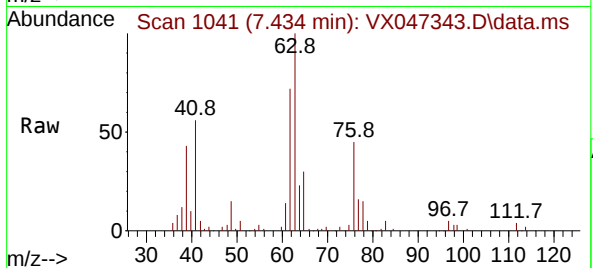
65 29.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 20.000 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

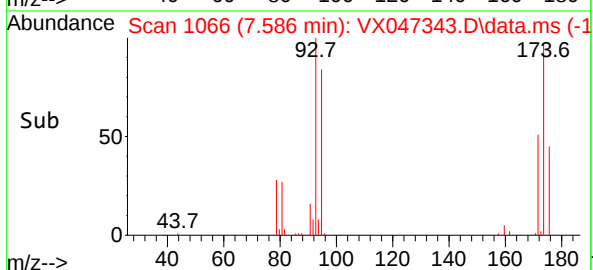
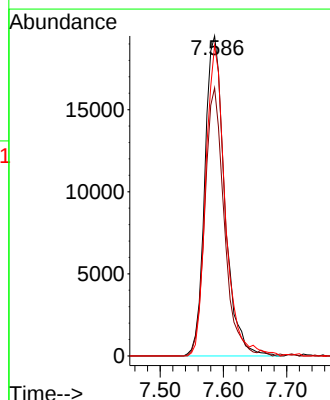
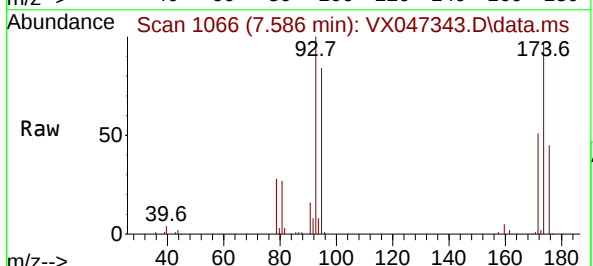
Tgt Ion: 93 Resp: 42575

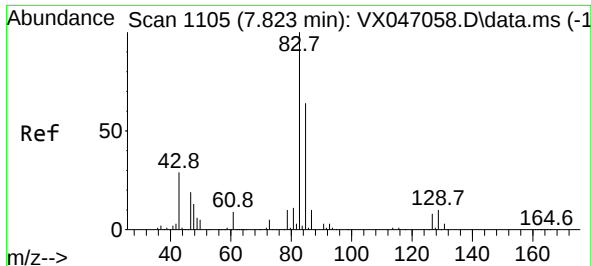
Ion Ratio Lower Upper

93 100

95 81.2 65.9 98.9

174 94.7 74.6 112.0





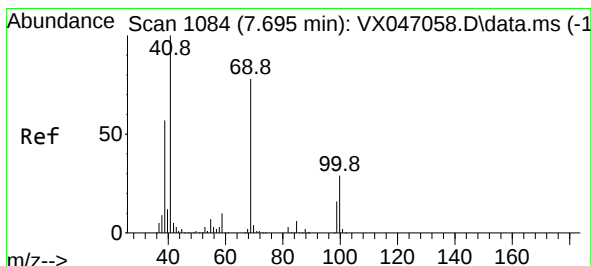
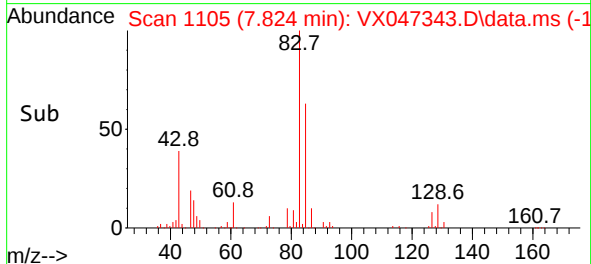
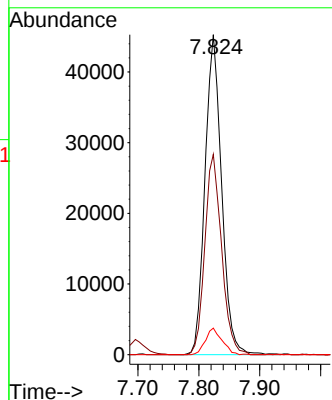
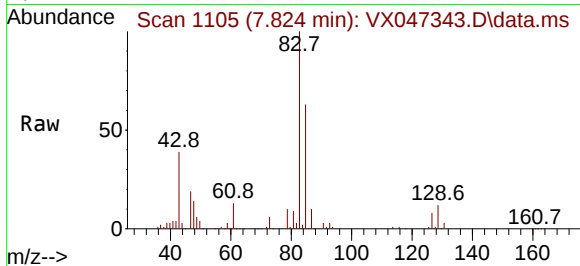
#47
Bromodichloromethane
Concen: 18.949 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

Tgt Ion: 83 Resp: 8585
Ion Ratio Lower Upper
83 100
85 63.1 49.9 74.9
127 8.3 6.6 10.0

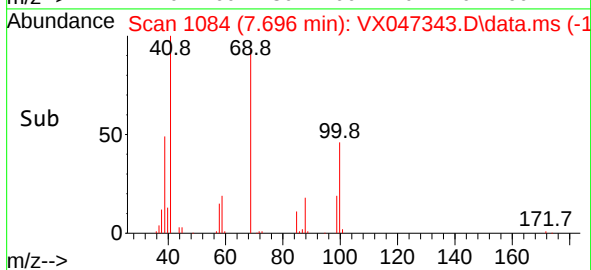
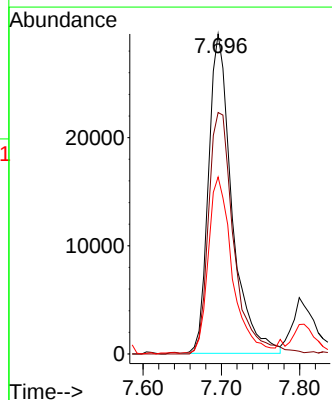
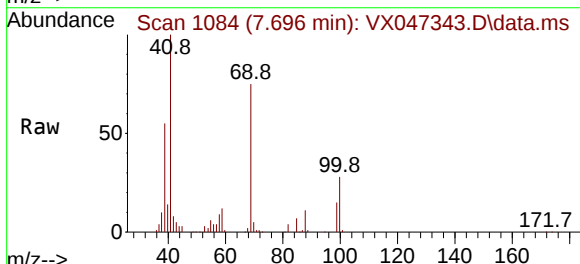
Manual Integrations
APPROVED

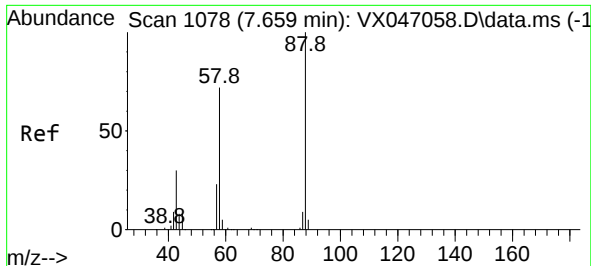
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#48
Methyl methacrylate
Concen: 18.737 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Tgt Ion: 41 Resp: 61409
Ion Ratio Lower Upper
41 100
69 82.1 62.3 93.5
39 56.2 44.8 67.2





#49

1,4-Dioxane

Concen: 352.641 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.019 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

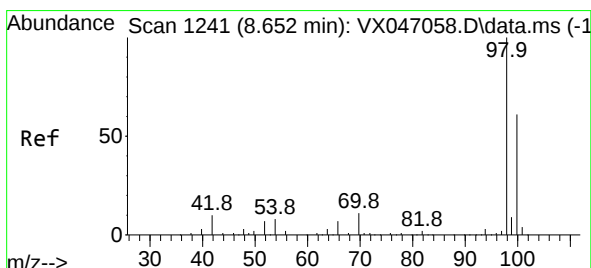
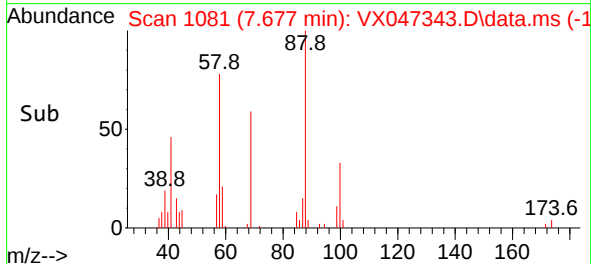
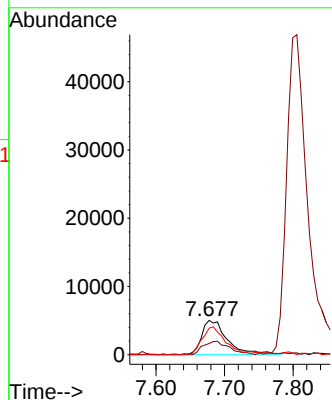
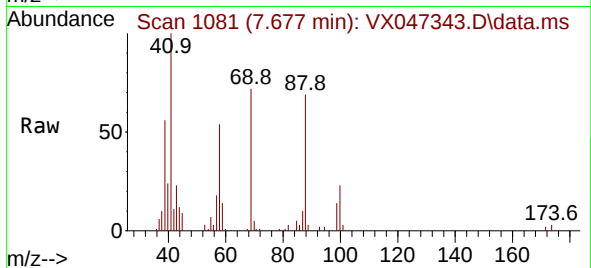
Tgt Ion:	88	Resp:	1314
Ion Ratio	Lower	Upper	
88	100		
43	39.9	33.6	50.4
58	77.5	58.8	88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#50

Toluene-d8

Concen: 48.565 ug/l

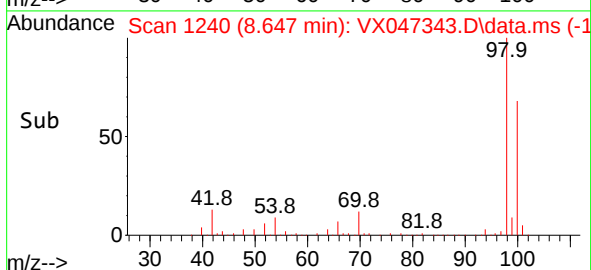
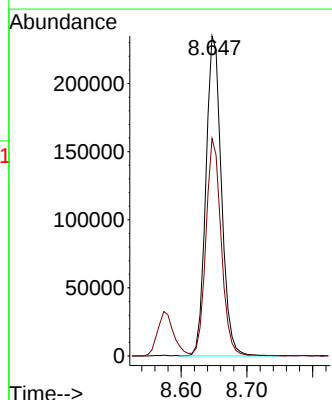
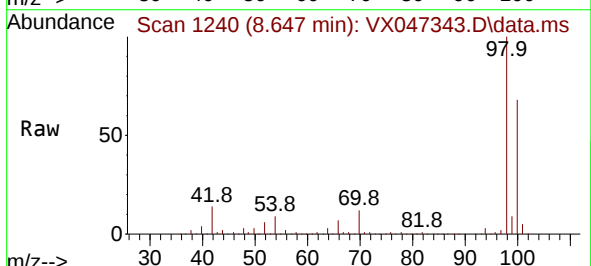
RT: 8.647 min Scan# 1240

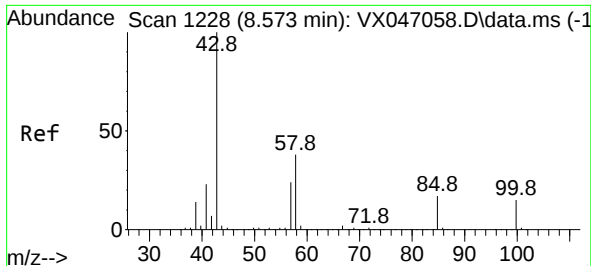
Delta R.T. -0.006 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

Tgt Ion:	98	Resp:	386412
Ion Ratio	Lower	Upper	
98	100		
100	66.8	53.3	79.9





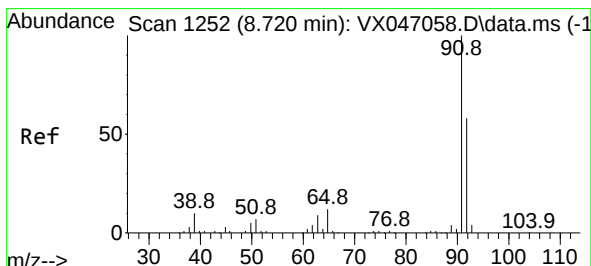
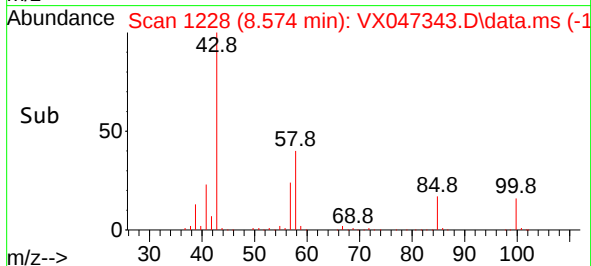
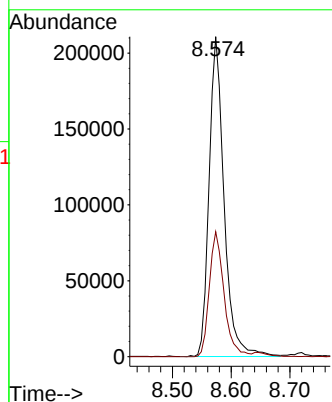
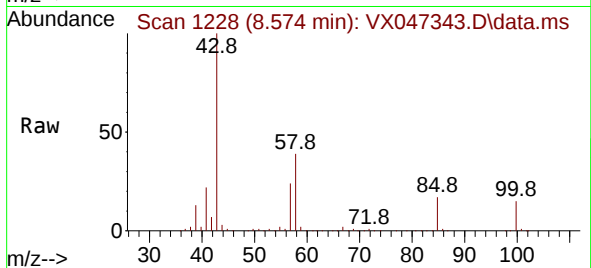
#51
4-Methyl-2-Pentanone
Concen: 104.565 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

Tgt Ion: 43 Resp: 37391
Ion Ratio Lower Upper
43 100
58 38.5 30.6 45.8

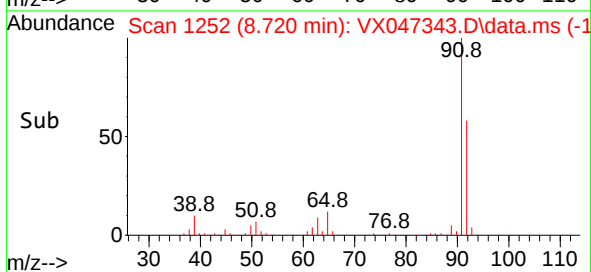
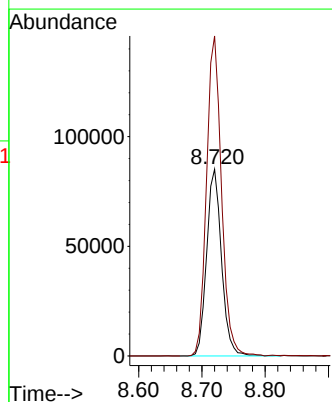
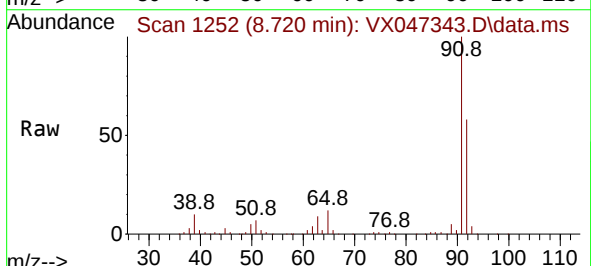
Manual Integrations
APPROVED

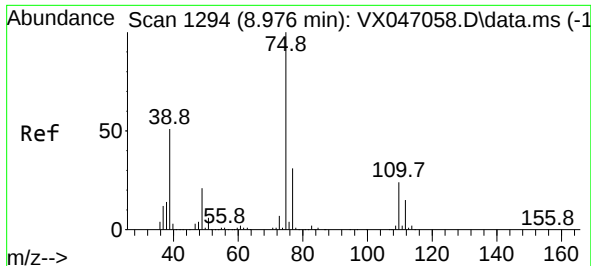
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#52
Toluene
Concen: 18.707 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

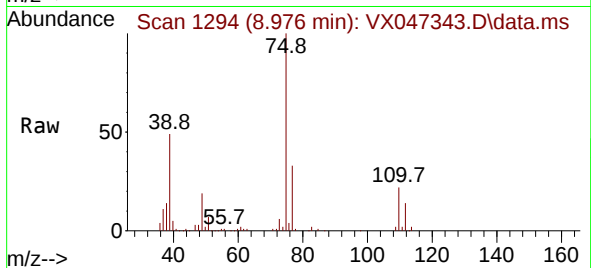
Tgt Ion: 92 Resp: 139409
Ion Ratio Lower Upper
92 100
91 172.2 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 17.863 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

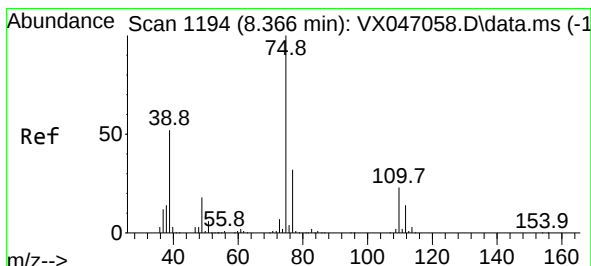
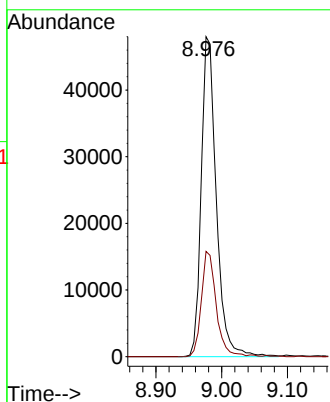
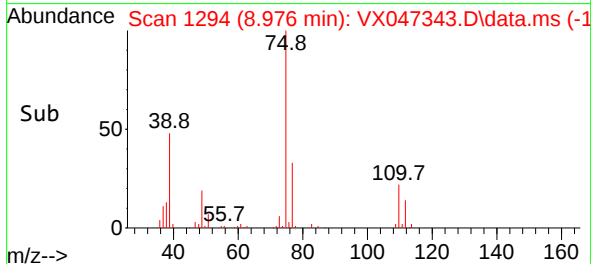
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



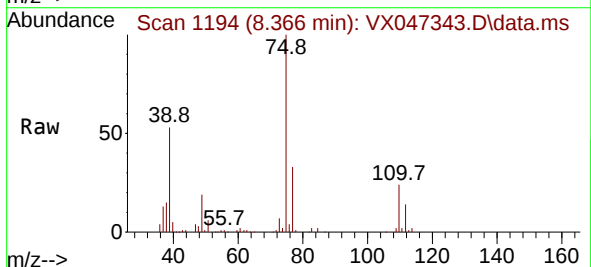
Tgt Ion: 75 Resp: 7643
Ion Ratio Lower Upper
75 100
77 32.9 24.5 36.7

Manual Integrations
APPROVED

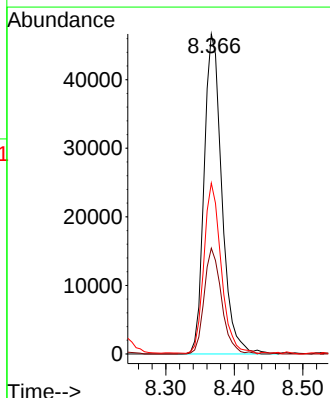
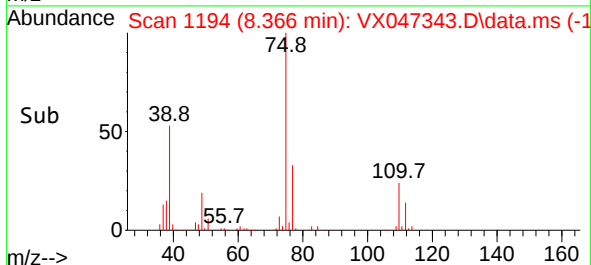
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

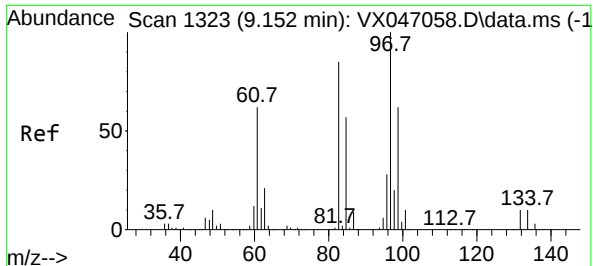


#54
cis-1,3-Dichloropropene
Concen: 17.948 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43



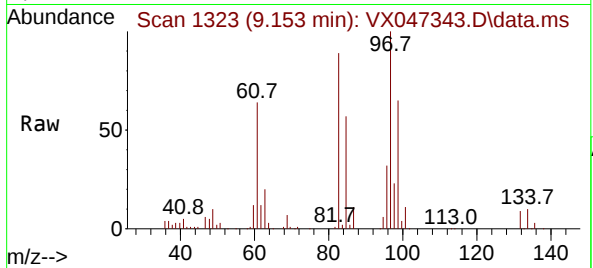
Tgt Ion: 75 Resp: 84047
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0
39 52.9 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 20.285 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

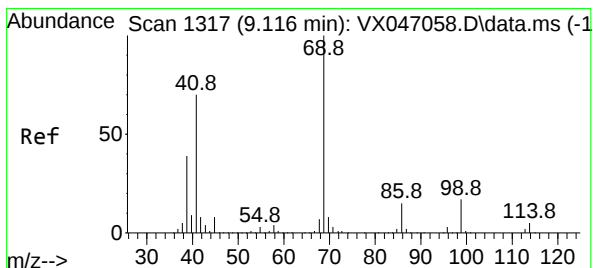
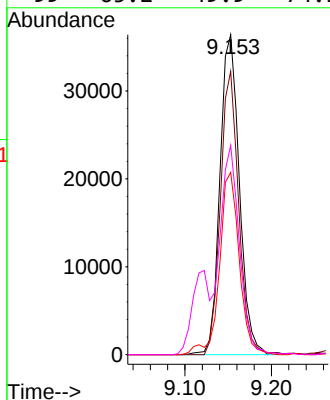
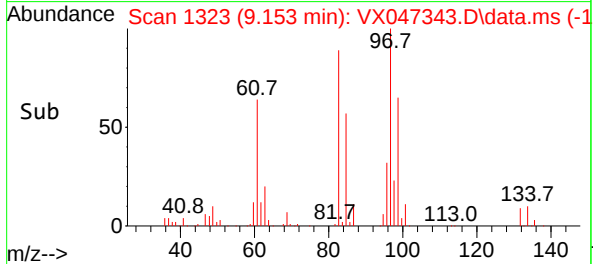
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.6	68.0	102.0
85	57.0	45.2	67.8
99	65.2	49.9	74.9

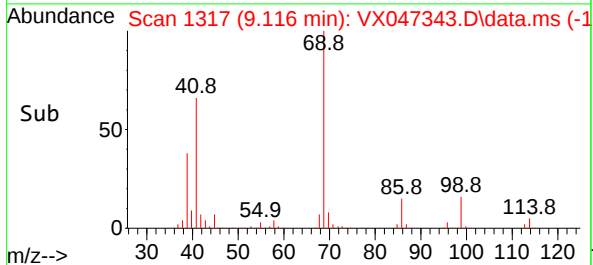
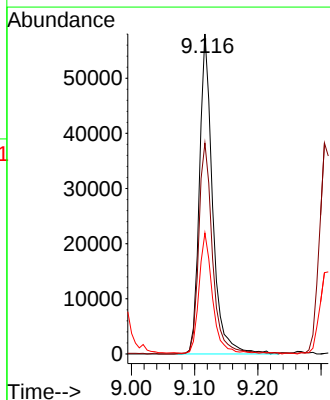
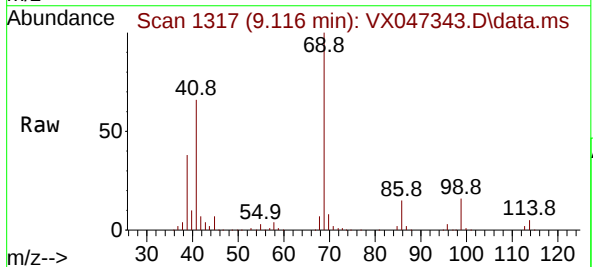
Manual Integrations
APPROVED

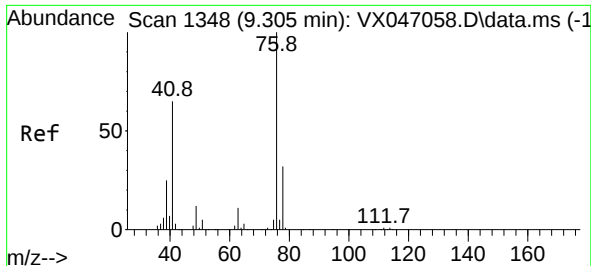
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#56
Ethyl methacrylate
Concen: 20.399 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.1	84.1
39	38.2	31.1	46.7





#57

1,3-Dichloropropane

Concen: 19.885 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.007 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

Tgt Ion: 76 Resp: 96589

Ion Ratio Lower Upper

76 100

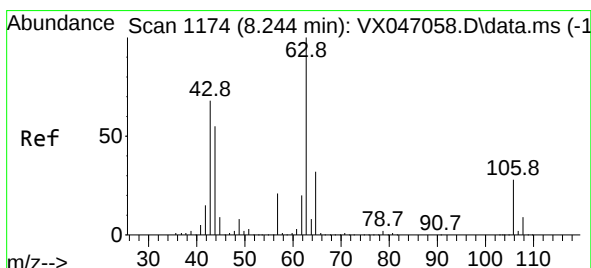
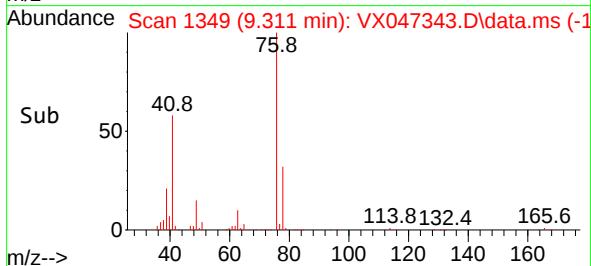
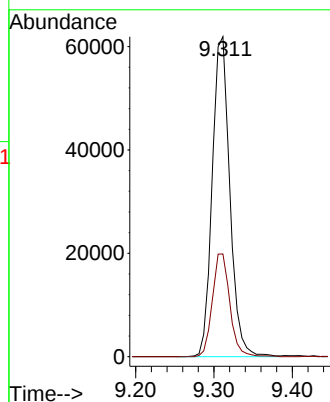
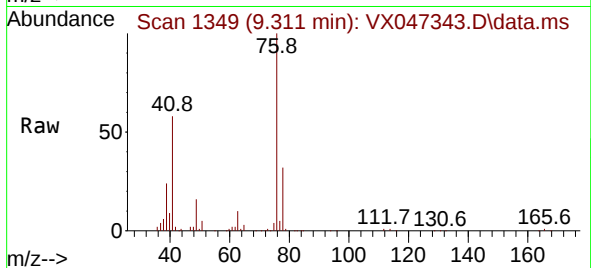
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 78.078 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047343.D

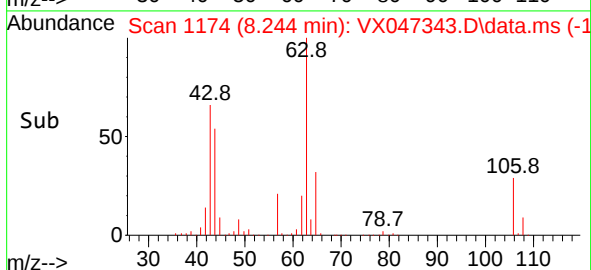
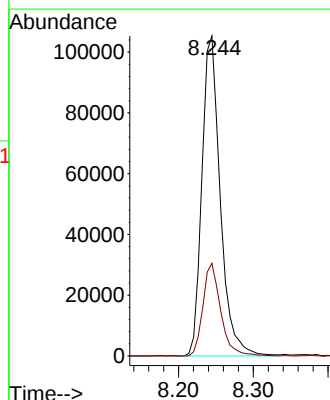
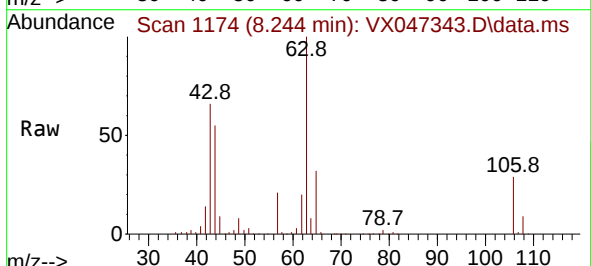
Acq: 14 Aug 2025 16:43

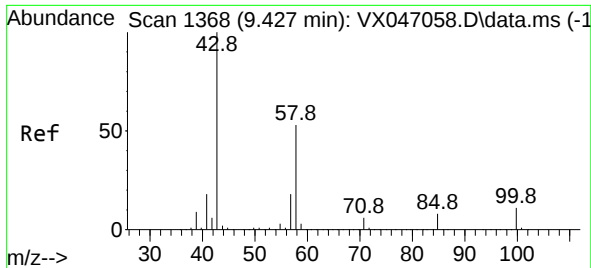
Tgt Ion: 63 Resp: 179765

Ion Ratio Lower Upper

63 100

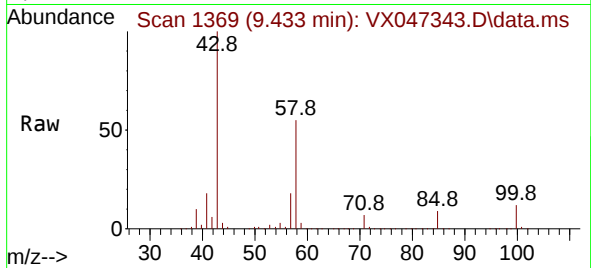
106 28.0 22.2 33.4





#59
2-Hexanone
Concen: 109.961 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.007 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

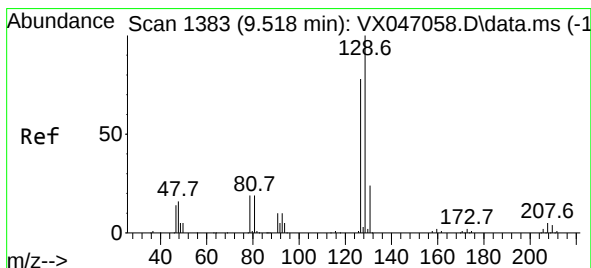
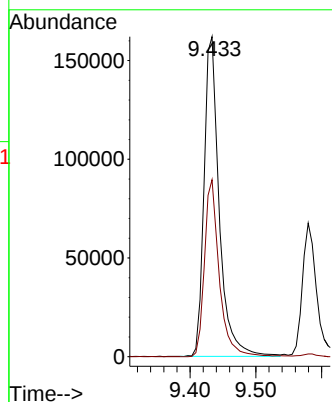
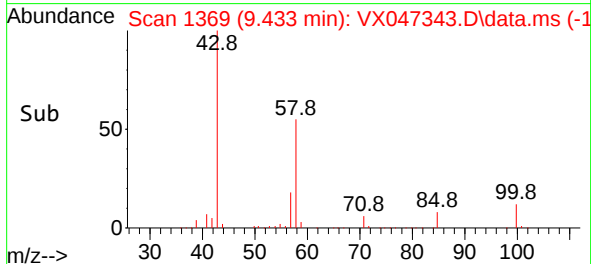
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion: 43 Resp: 25978
Ion Ratio Lower Upper
43 100
58 54.1 26.5 79.5

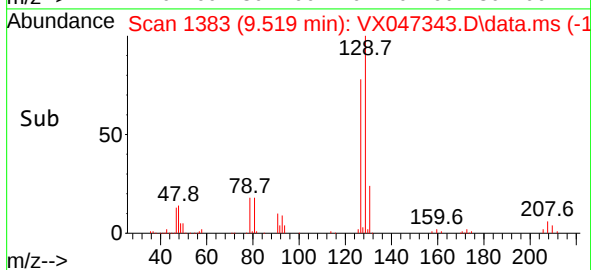
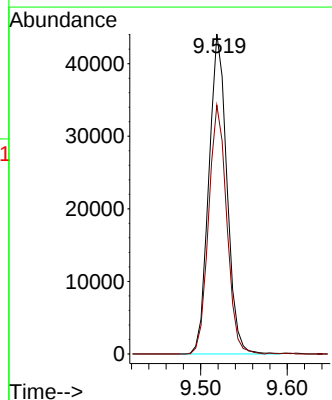
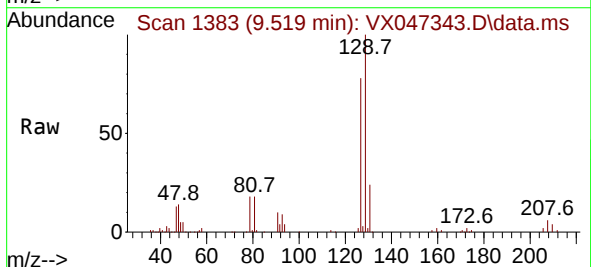
Manual Integrations
APPROVED

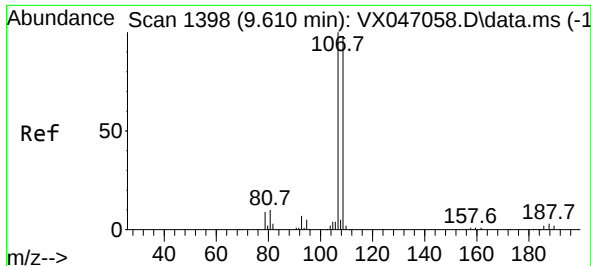
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 19.499 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

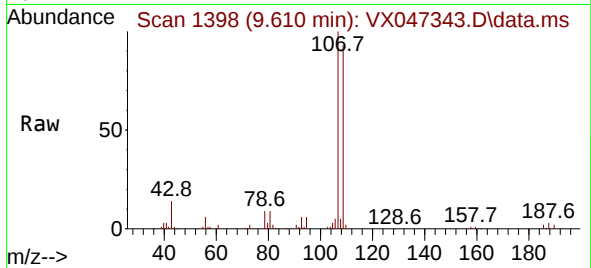
Tgt Ion:129 Resp: 63916
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.466 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

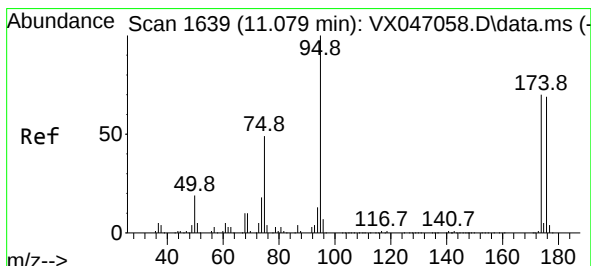
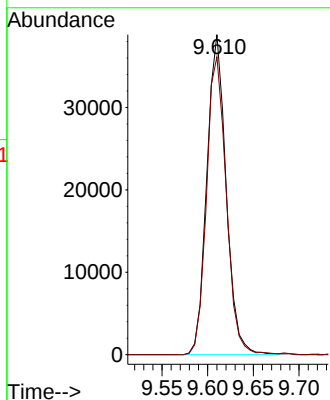
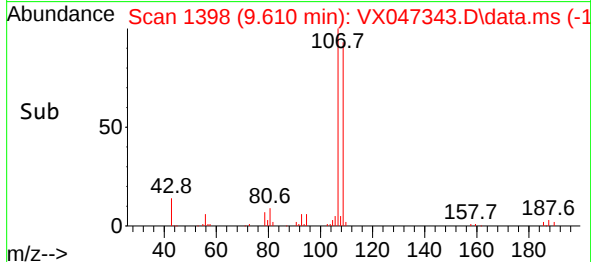
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



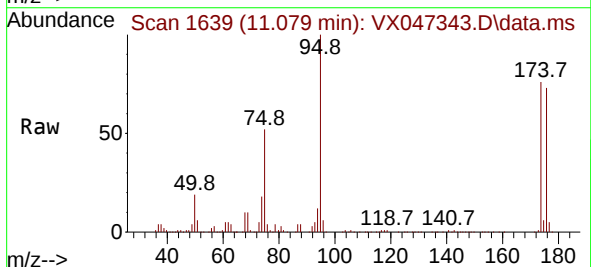
Tgt Ion:107 Resp: 5688
Ion Ratio Lower Upper
107 100
109 95.1 74.6 112.0

Manual Integrations
APPROVED

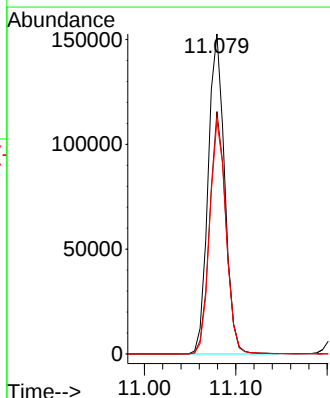
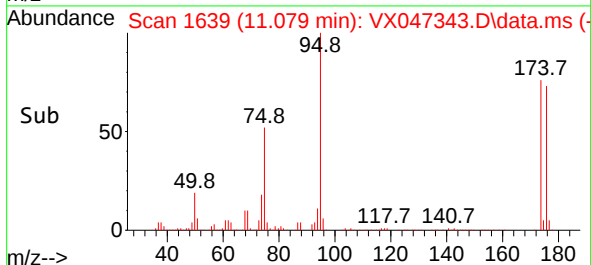
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

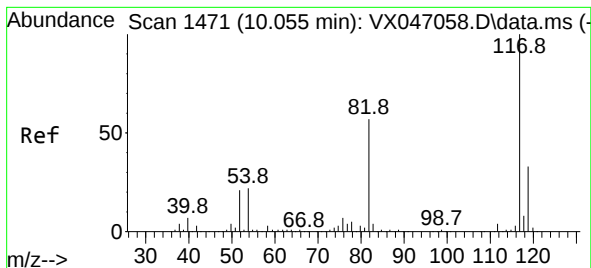


#62
4-Bromofluorobenzene
Concen: 55.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43



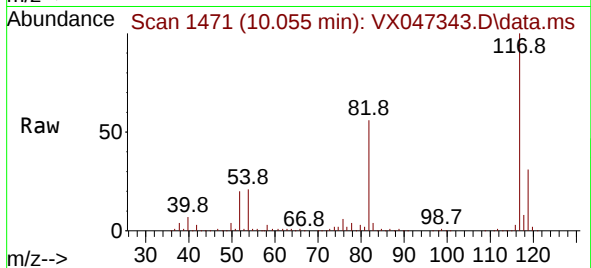
Tgt Ion: 95 Resp: 190746
Ion Ratio Lower Upper
95 100
174 74.5 0.0 144.6
176 72.2 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

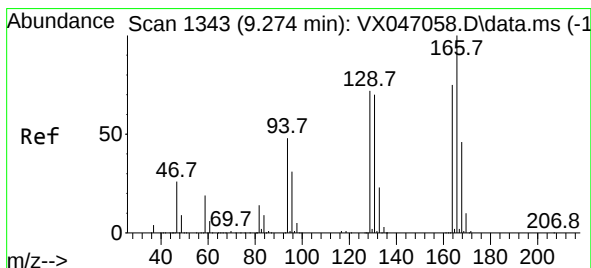
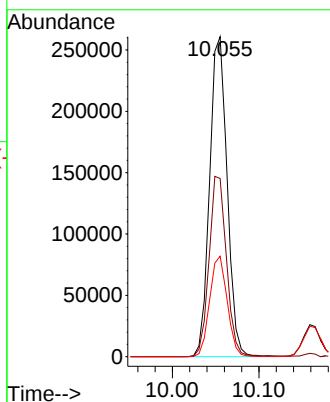
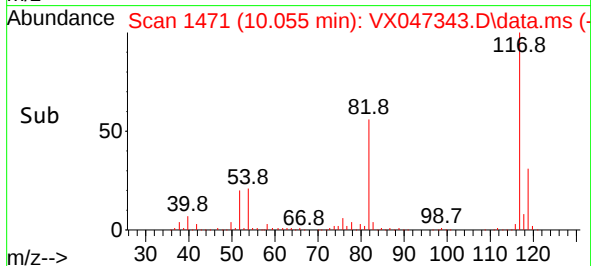
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion:117 Resp: 366200
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.2
119 31.4 26.1 39.1

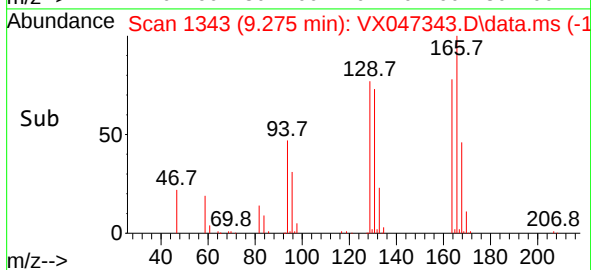
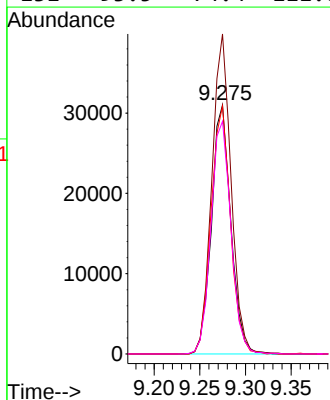
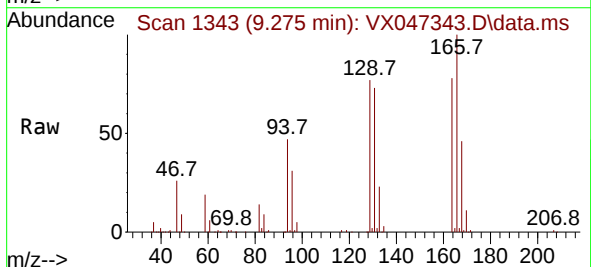
Manual Integrations
APPROVED

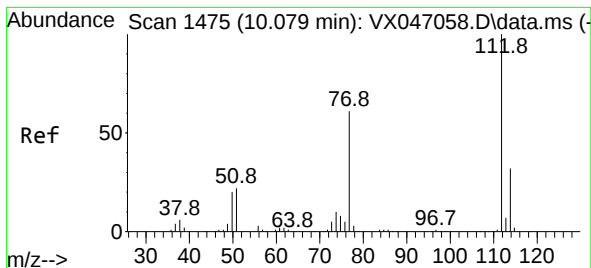
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#64
Tetrachloroethene
Concen: 17.288 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

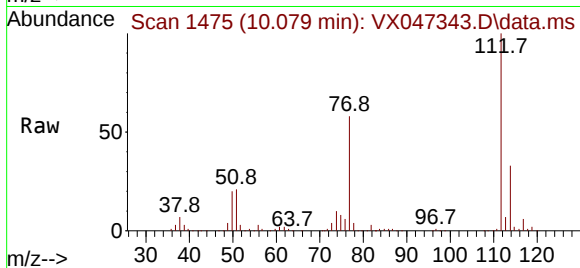
Tgt Ion:164 Resp: 45640
Ion Ratio Lower Upper
164 100
166 128.6 106.2 159.4
129 99.6 76.6 114.8
131 93.5 74.4 111.6





#65
Chlorobenzene
Concen: 18.236 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

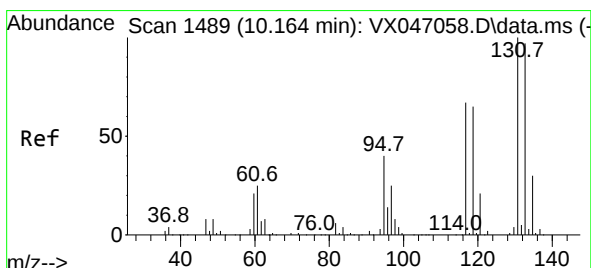
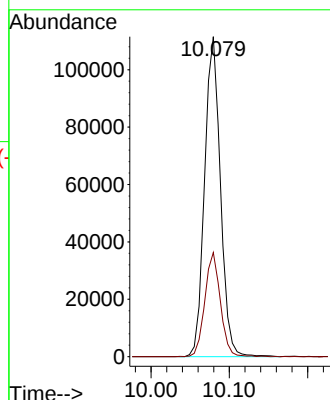
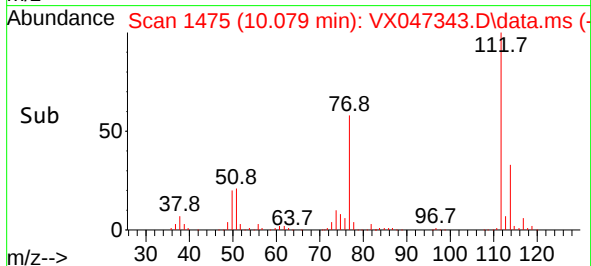
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion:112 Resp: 15644
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

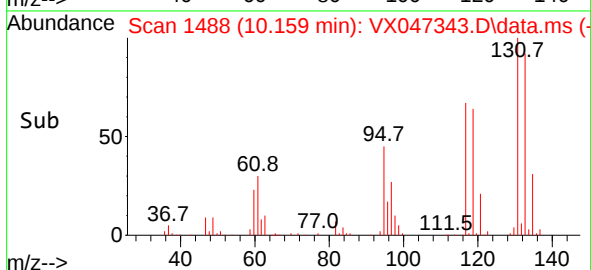
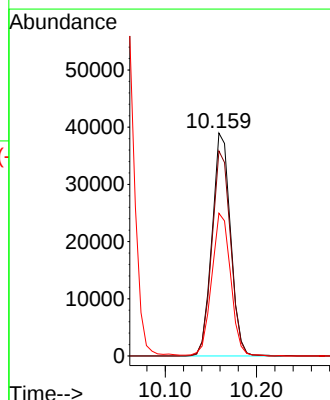
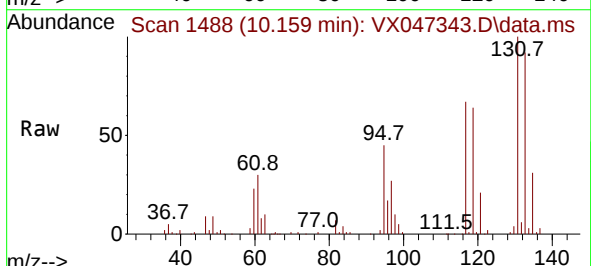
Manual Integrations
APPROVED

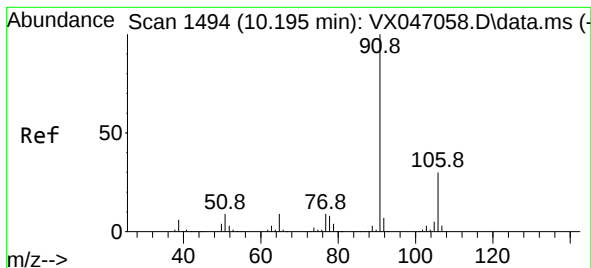
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.946 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

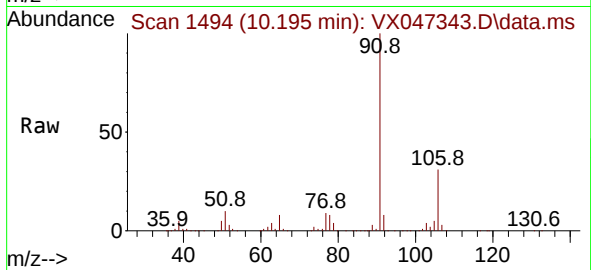
Tgt Ion:131 Resp: 54724
Ion Ratio Lower Upper
131 100
133 92.9 48.4 145.3
119 65.6 32.4 97.0





#67
Ethyl Benzene
Concen: 17.900 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

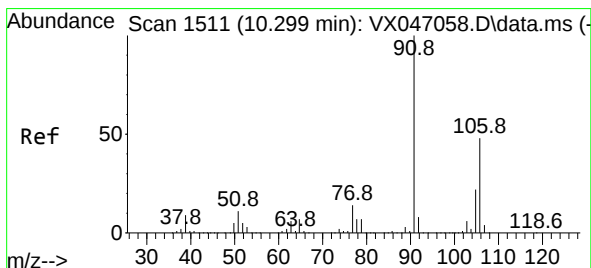
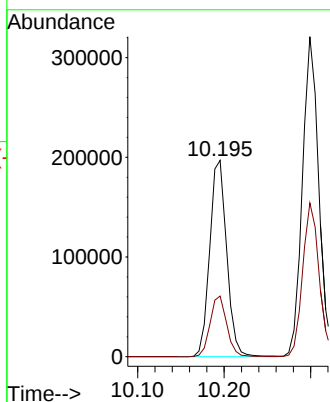
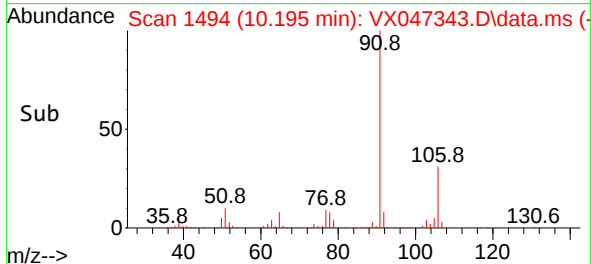
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



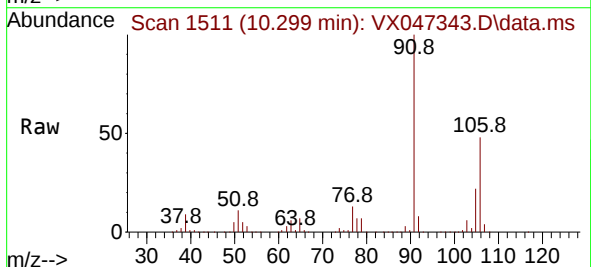
Tgt Ion: 91 Resp: 268500
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4

Manual Integrations
APPROVED

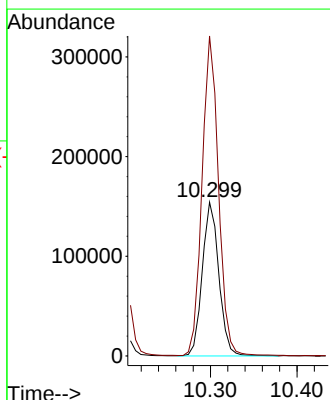
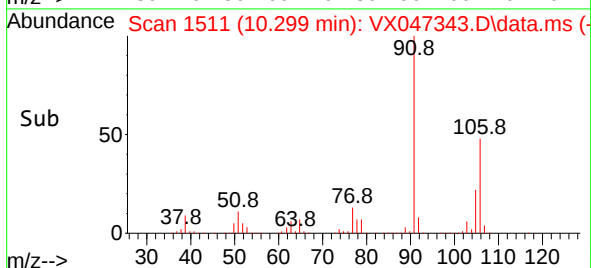
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

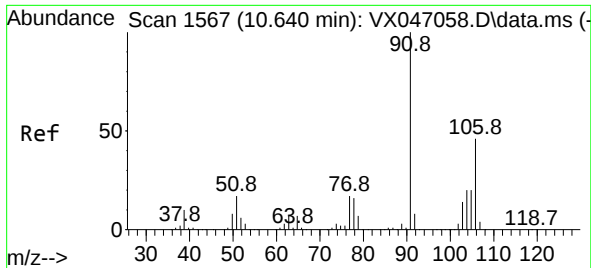


#68
m/p-Xylenes
Concen: 36.540 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43



Tgt Ion:106 Resp: 205110
Ion Ratio Lower Upper
106 100
91 206.3 167.4 251.0





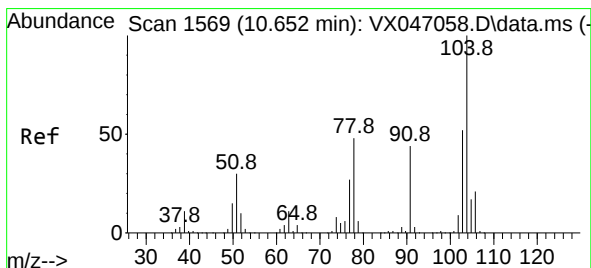
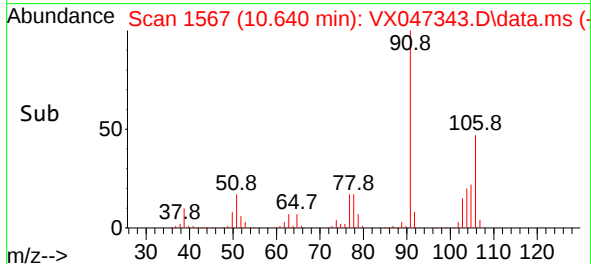
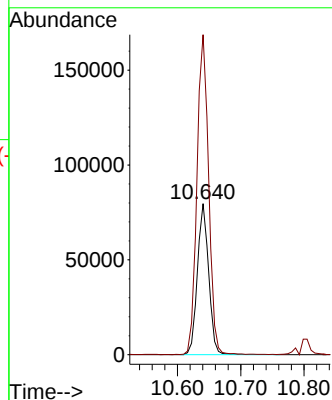
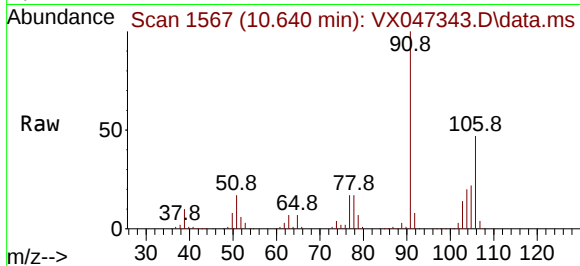
#69
o-Xylene
Concen: 18.490 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

Tgt Ion:106 Resp: 98739
Ion Ratio Lower Upper
106 100
91 219.8 110.3 331.0

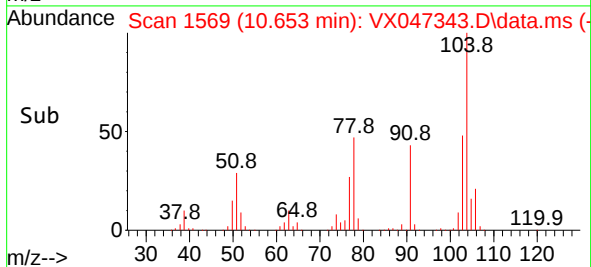
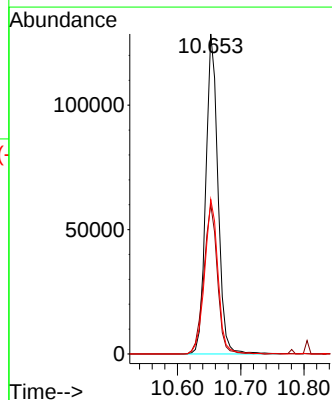
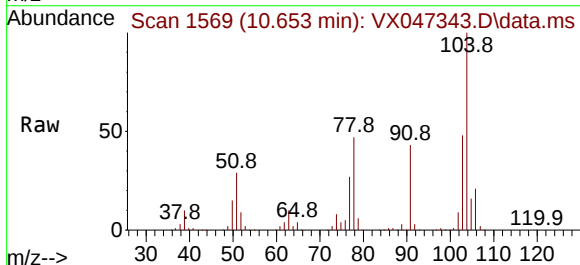
Manual Integrations
APPROVED

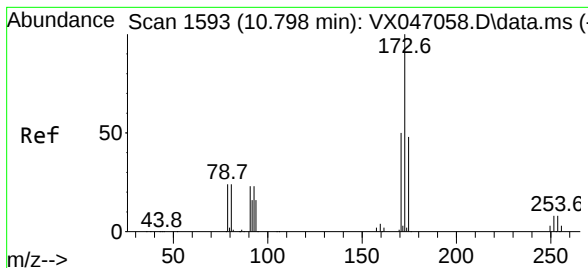
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 18.816 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

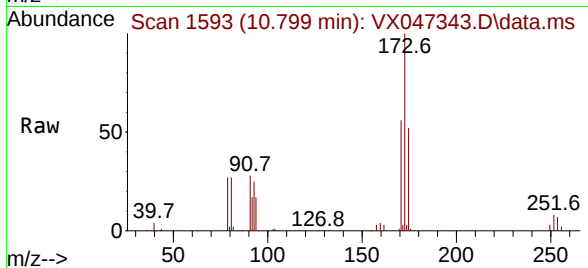
Tgt Ion:104 Resp: 172299
Ion Ratio Lower Upper
104 100
78 52.2 42.0 63.0
103 53.1 43.8 65.6





#71
Bromoform
Concen: 18.693 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

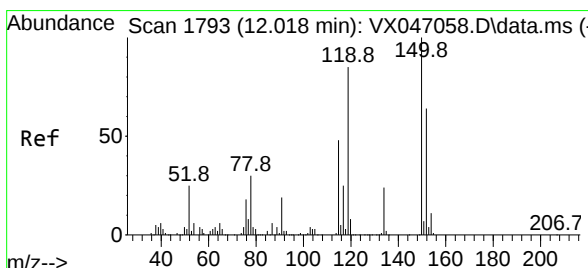
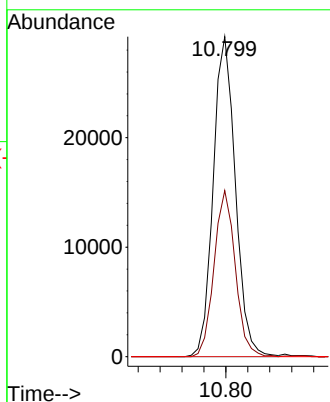
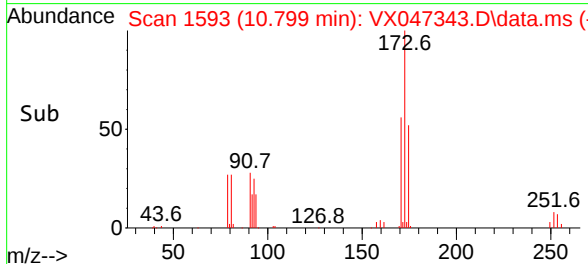
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



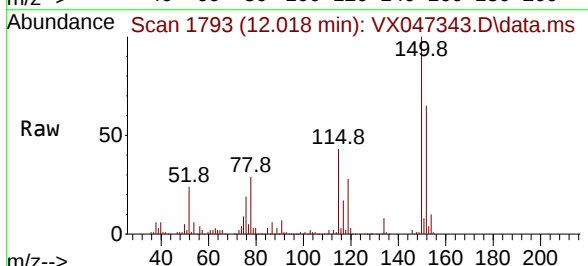
Tgt Ion:173 Resp: 41014
Ion Ratio Lower Upper
173 100
175 49.8 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

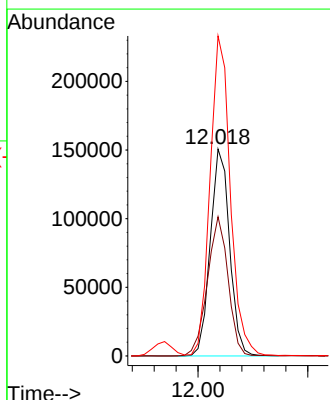
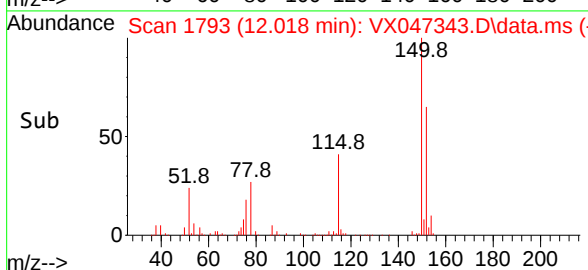
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

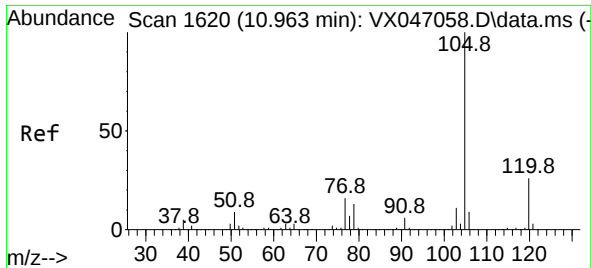


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43



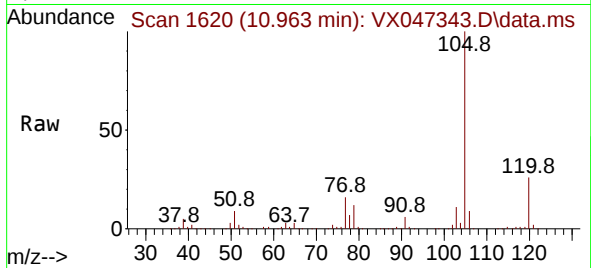
Tgt Ion:152 Resp: 184320
Ion Ratio Lower Upper
152 100
115 72.0 45.6 136.7
150 162.7 0.0 354.6





#73
Isopropylbenzene
Concen: 17.766 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

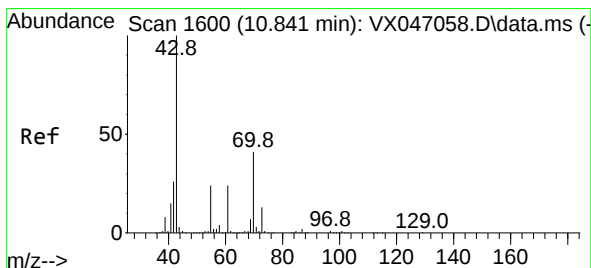
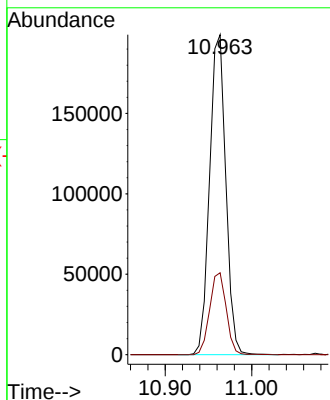
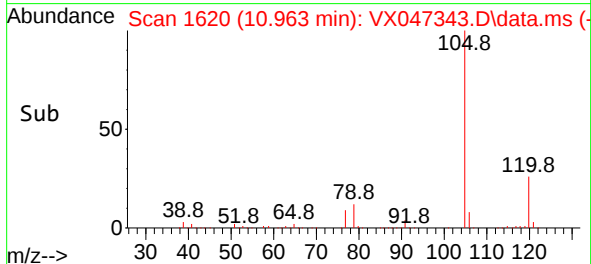
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion:105 Resp: 258349
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7

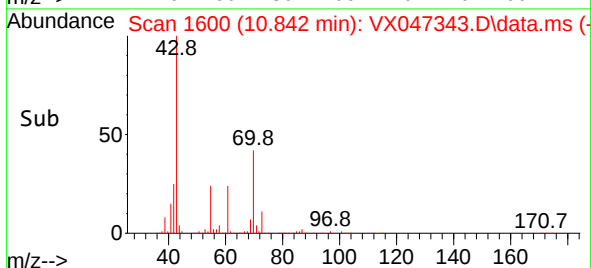
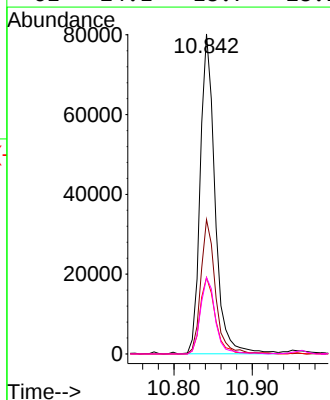
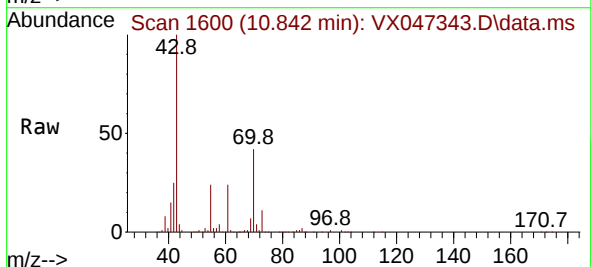
Manual Integrations
APPROVED

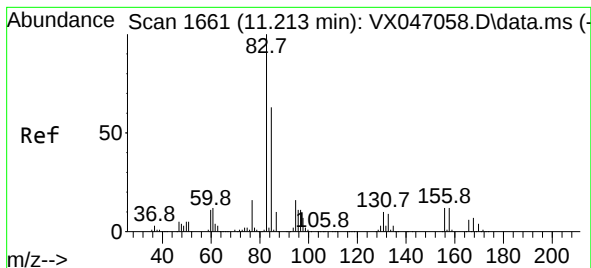
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#74
N-ethyl acetate
Concen: 17.881 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

Tgt Ion: 43 Resp: 104912
Ion Ratio Lower Upper
43 100
70 41.7 32.3 48.5
55 24.7 18.9 28.3
61 24.1 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.304 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

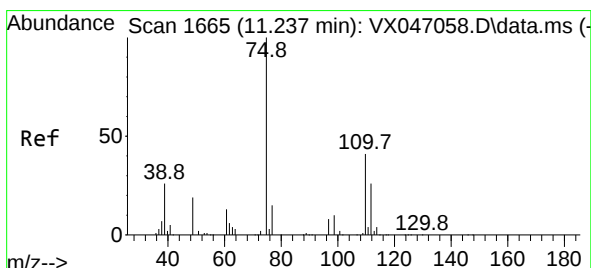
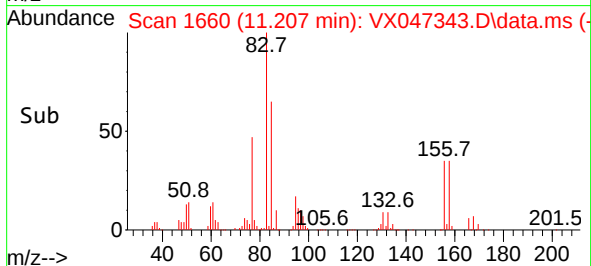
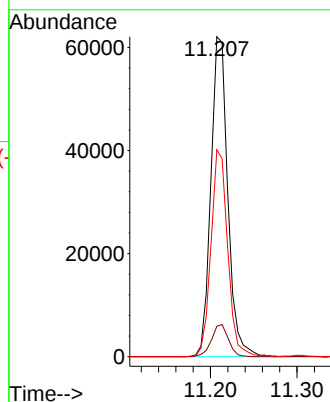
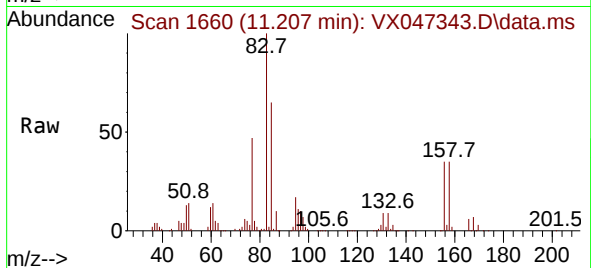
Tgt Ion:	83	Resp:	84340
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	63.9	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#76

1,2,3-Trichloropropane

Concen: 19.019 ug/l m

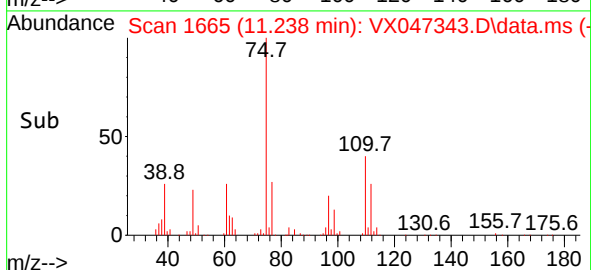
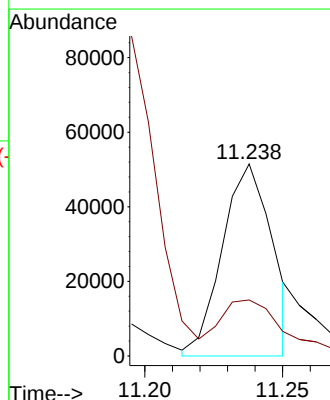
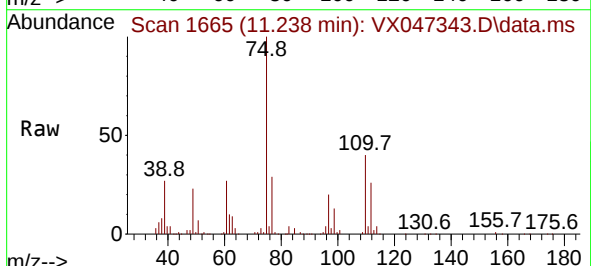
RT: 11.238 min Scan# 1665

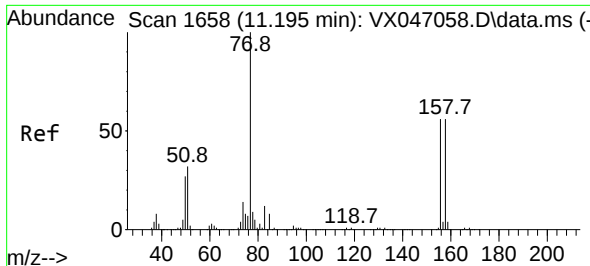
Delta R.T. 0.000 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

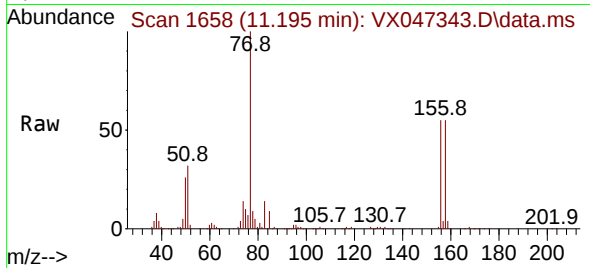
Tgt Ion:	75	Resp:	64885
Ion	Ratio	Lower	Upper
75	100		
77	38.5	21.6	65.0





#77
Bromobenzene
Concen: 17.940 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

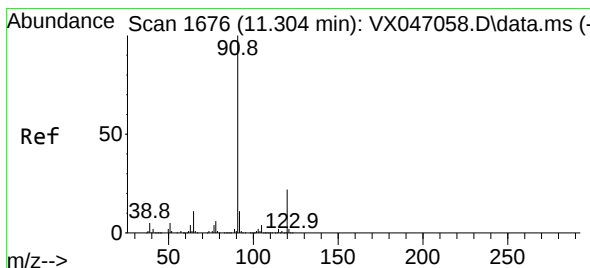
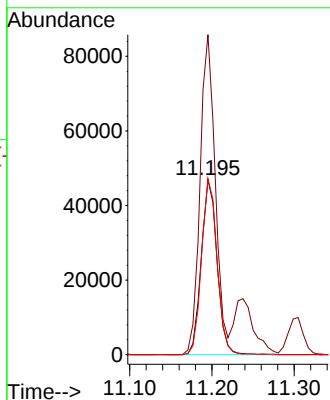
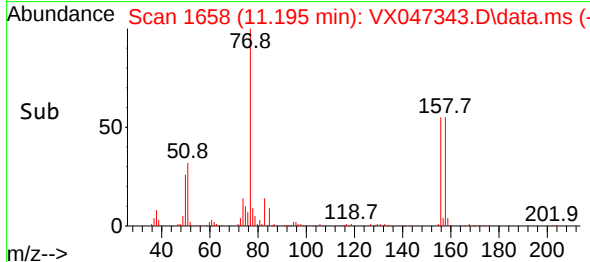
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



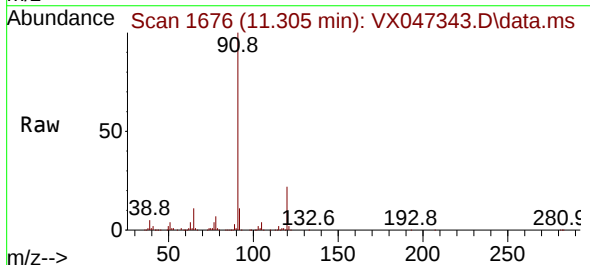
Tgt Ion:156 Resp: 62572
Ion Ratio Lower Upper
156 100
77 176.7 87.3 261.9
158 99.3 48.9 146.6

Manual Integrations
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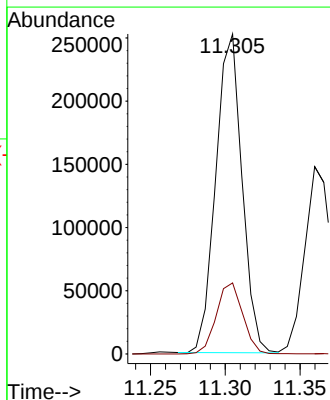
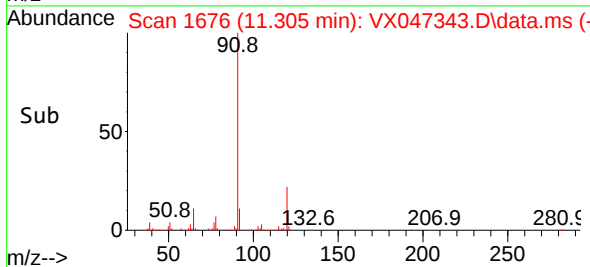
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

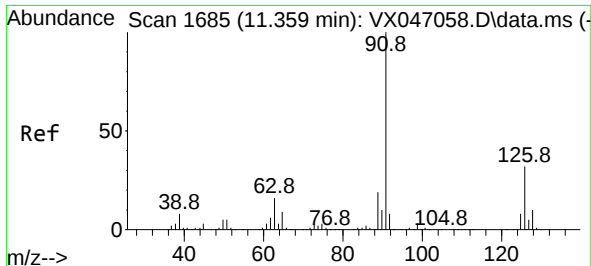


#78
n-propylbenzene
Concen: 17.698 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43



Tgt Ion: 91 Resp: 307536
Ion Ratio Lower Upper
91 100
120 22.5 11.0 33.0





#79

2-Chlorotoluene

Concen: 18.063 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

Tgt Ion: 91 Resp: 18763

Ion Ratio Lower Upper

91 100

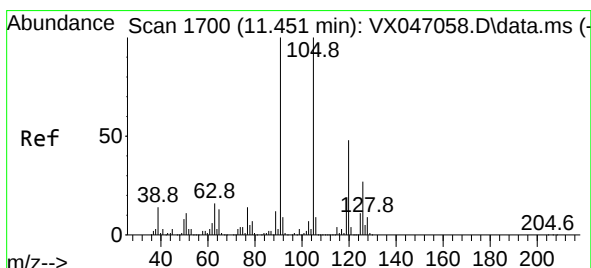
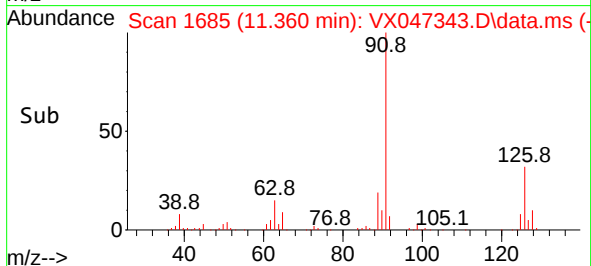
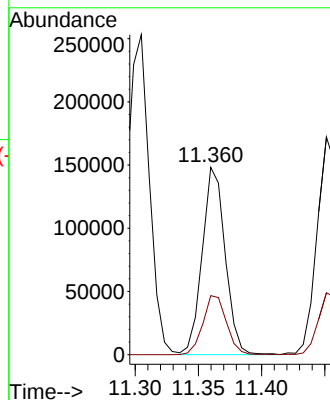
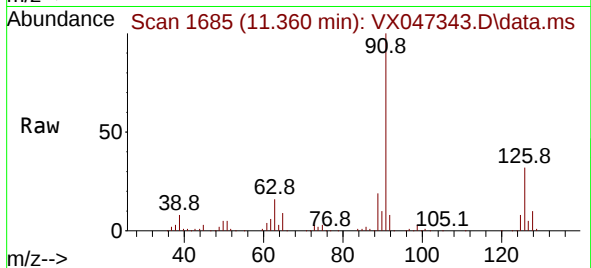
126 32.4 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#80

1,3,5-Trimethylbenzene

Concen: 17.786 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX047343.D

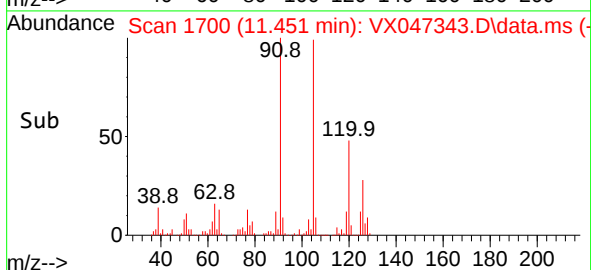
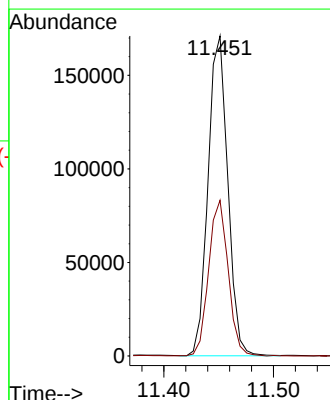
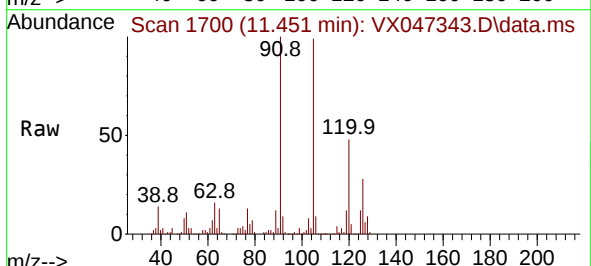
Acq: 14 Aug 2025 16:43

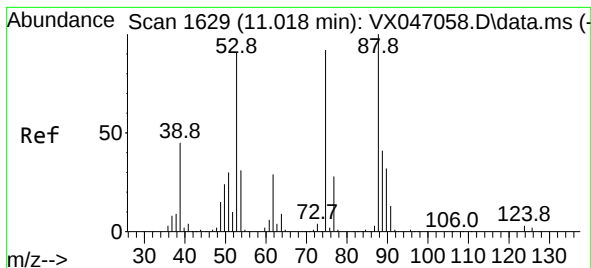
Tgt Ion:105 Resp: 213680

Ion Ratio Lower Upper

105 100

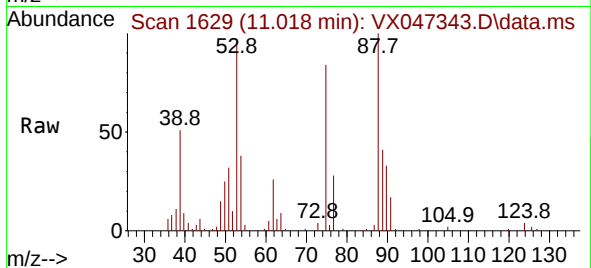
120 48.2 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 6.963 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

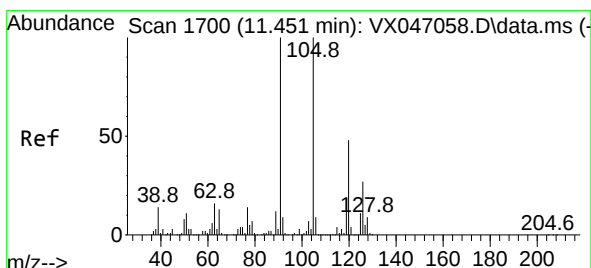
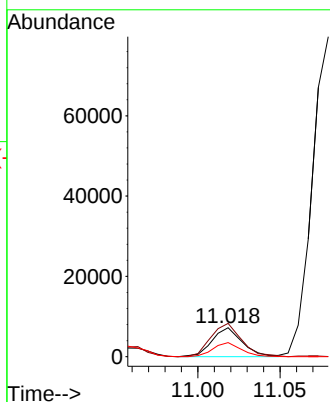
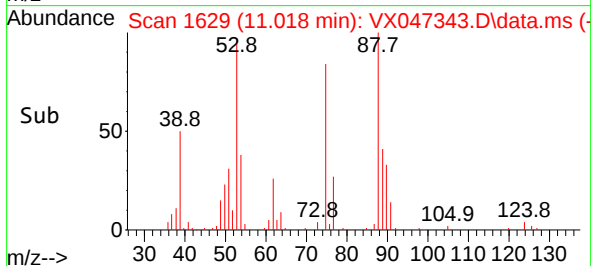
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion: 75 Resp: 9220
Ion Ratio Lower Upper
75 100
53 116.3 84.2 126.4
89 45.3 36.0 54.0

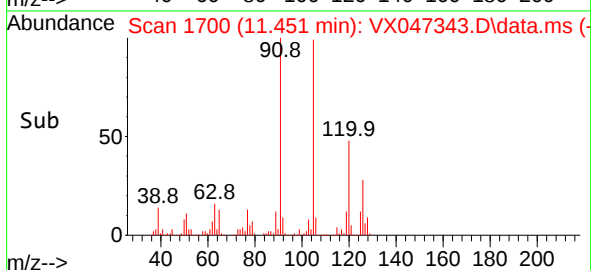
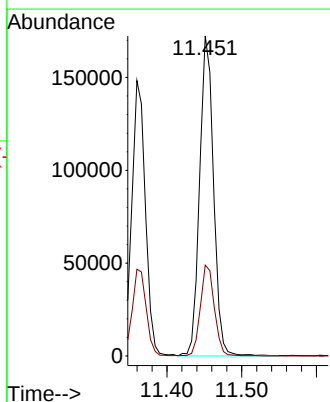
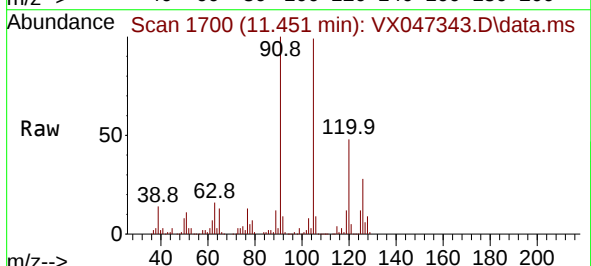
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 18.417 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

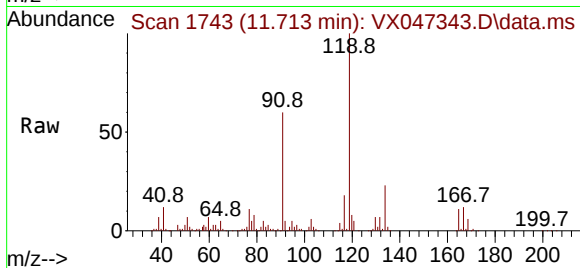
Tgt Ion: 91 Resp: 223294
Ion Ratio Lower Upper
91 100
126 28.6 14.1 42.3





#83
tert-Butylbenzene
Concen: 18.079 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

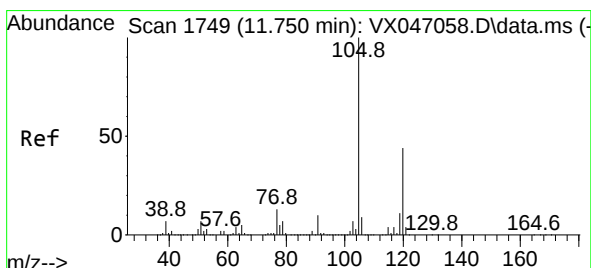
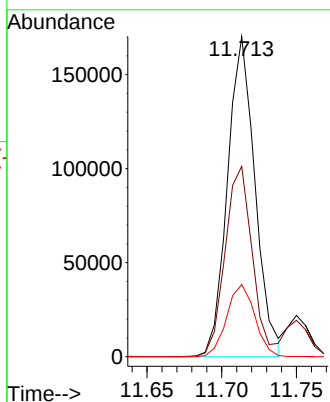
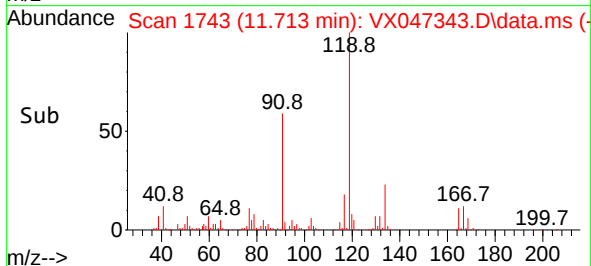
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



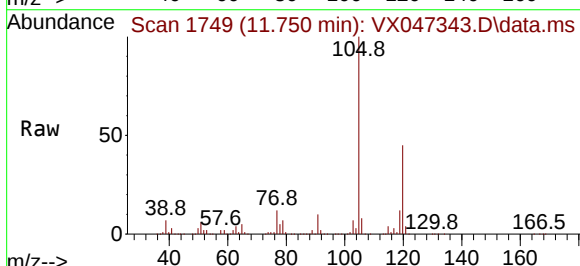
Tgt Ion:119 Resp: 217990
Ion Ratio Lower Upper
119 100
91 58.1 29.6 88.8
134 23.0 11.4 34.1

Manual Integrations
APPROVED

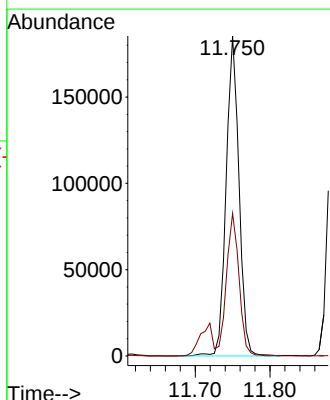
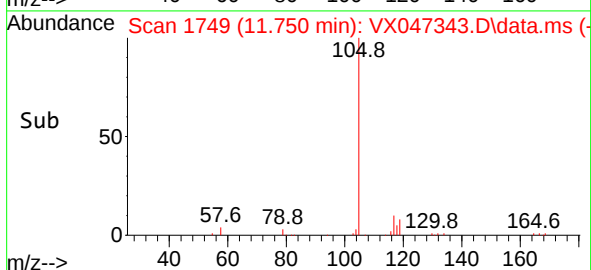
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

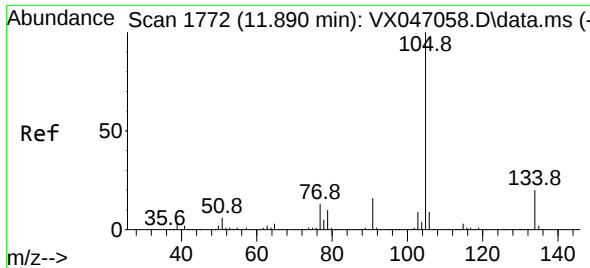


#84
1,2,4-Trimethylbenzene
Concen: 18.436 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43



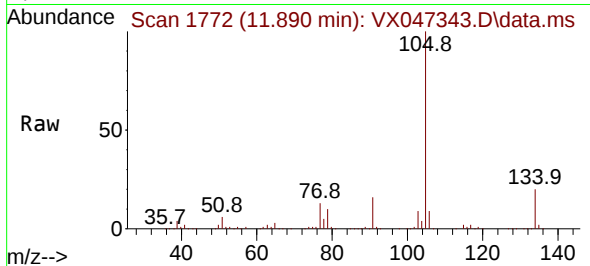
Tgt Ion:105 Resp: 220917
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.837 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047343.D
 Acq: 14 Aug 2025 16:43

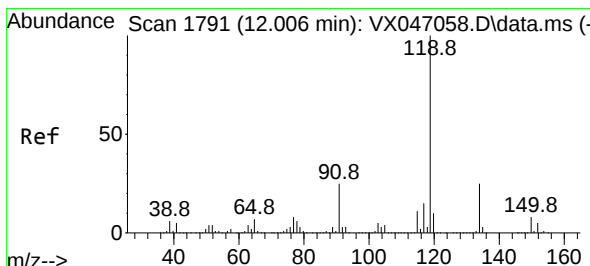
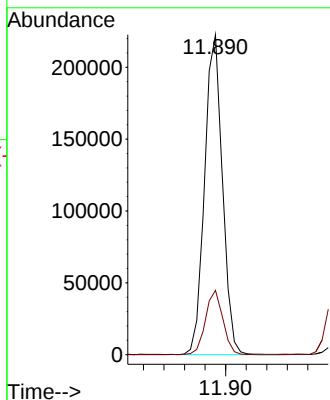
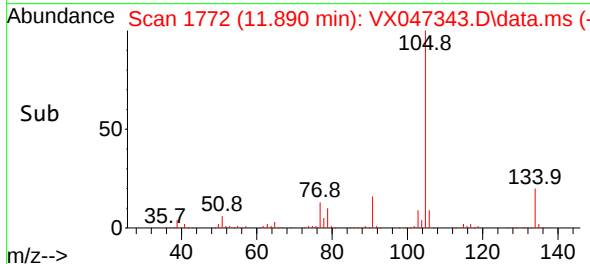
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02



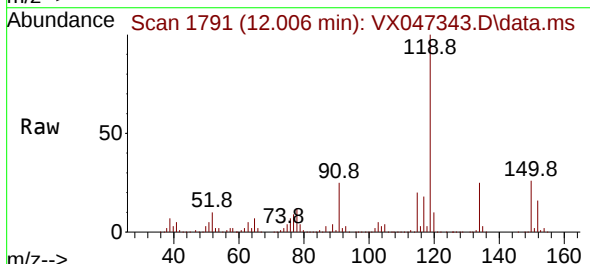
Tgt Ion:105 Resp: 268735
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7

Manual Integrations
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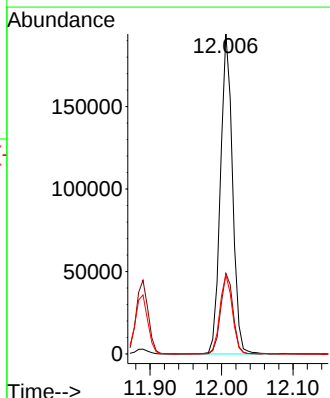
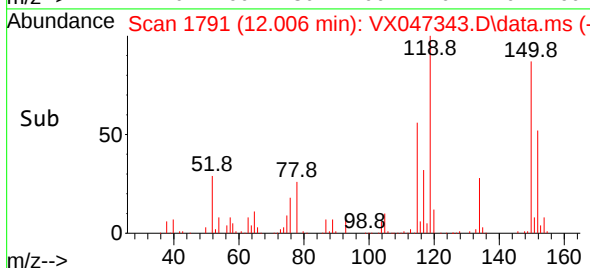
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#86
 p-Isopropyltoluene
 Concen: 18.219 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047343.D
 Acq: 14 Aug 2025 16:43



Tgt Ion:119 Resp: 227631
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 25.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.688 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047343.D

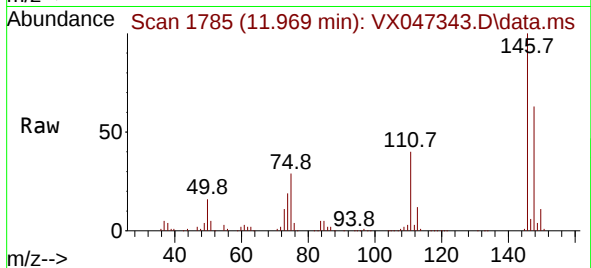
Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02



Tgt Ion:146 Resp: 12384

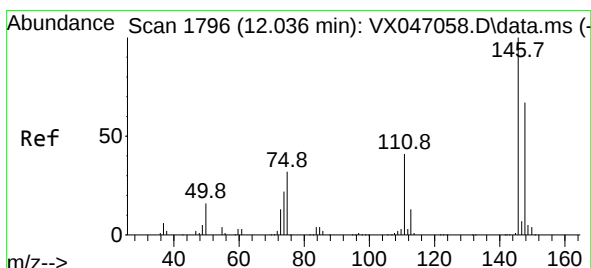
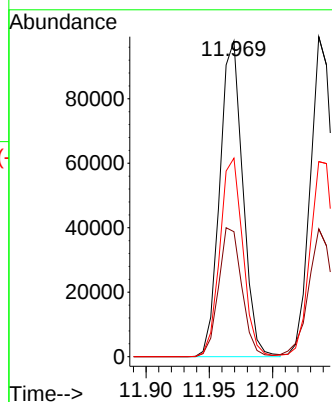
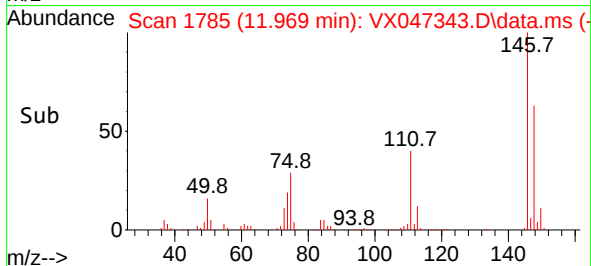
Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.0	63.0
148	62.7	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#88

1,4-Dichlorobenzene

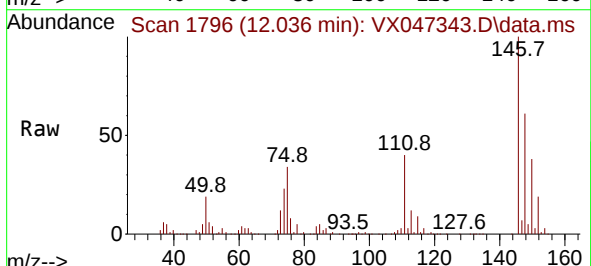
Concen: 18.826 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

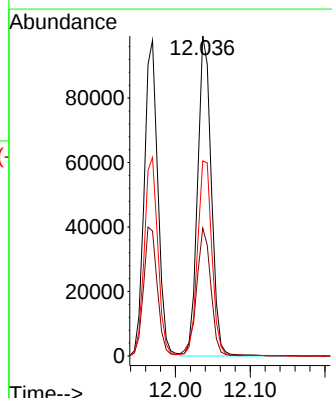
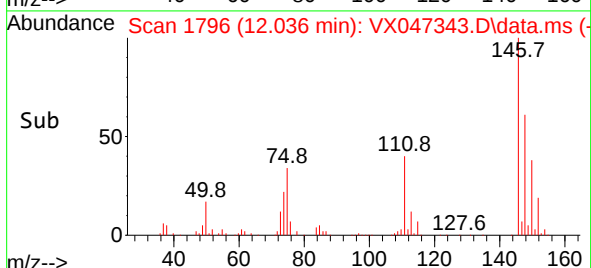
Lab File: VX047343.D

Acq: 14 Aug 2025 16:43



Tgt Ion:146 Resp: 126404

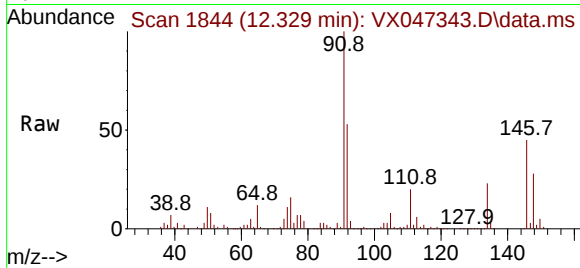
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.9
148	63.2	33.0	98.9





#89
n-Butylbenzene
Concen: 17.992 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

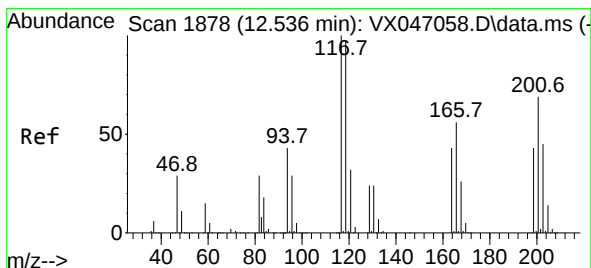
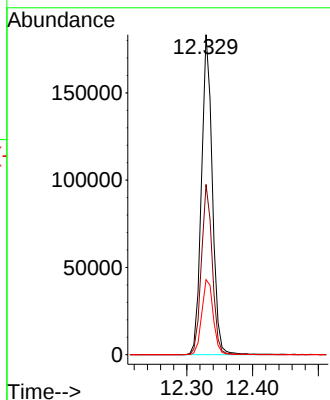
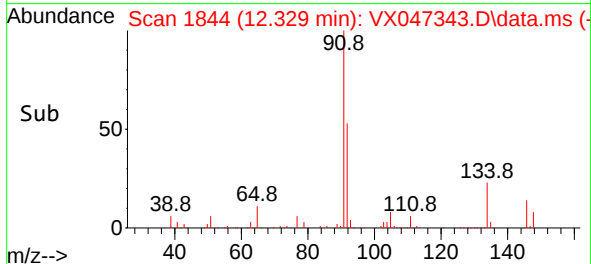
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



Tgt Ion: 91 Resp: 210808
Ion Ratio Lower Upper
91 100
92 53.3 27.5 82.5
134 24.7 12.8 38.3

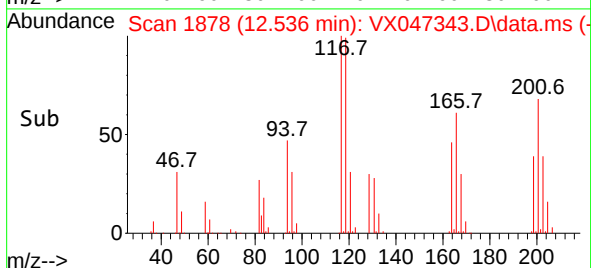
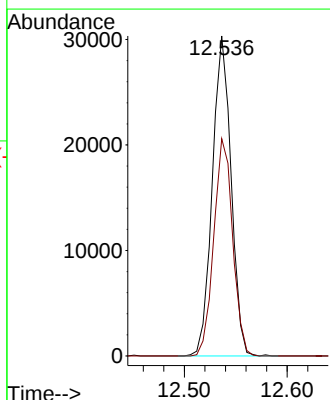
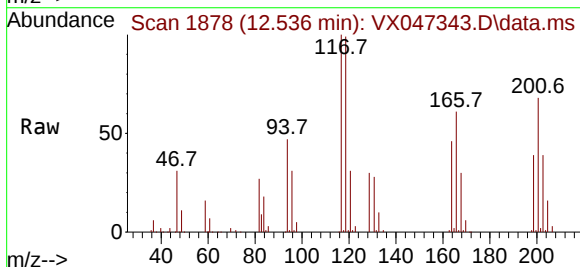
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 17.179 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

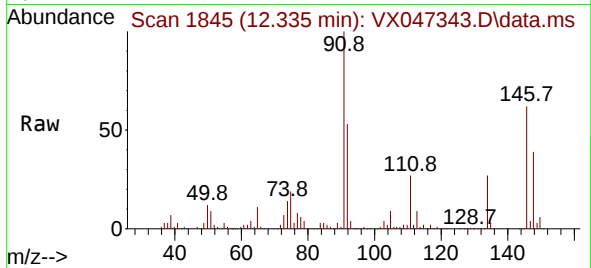
Tgt Ion:117 Resp: 38396
Ion Ratio Lower Upper
117 100
201 68.4 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 18.457 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

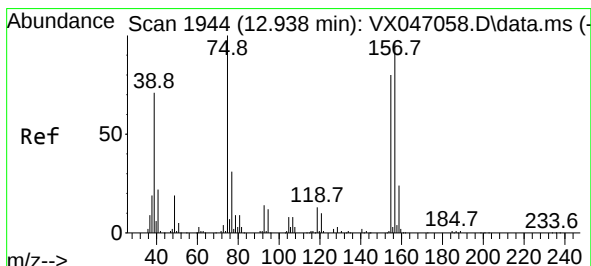
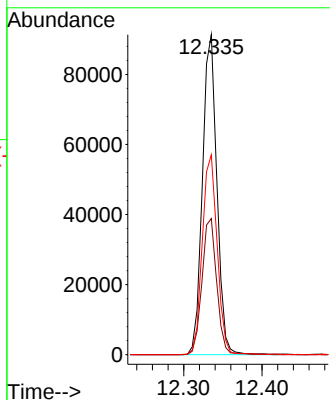
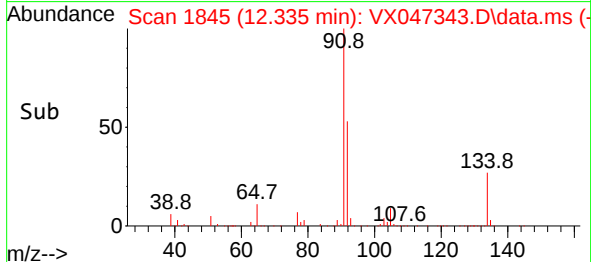
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



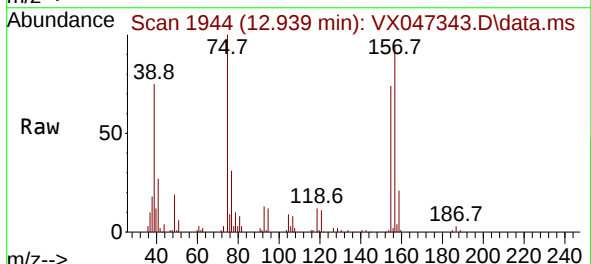
Tgt Ion:146 Resp: 116908
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.6
148 64.4 31.9 95.7

Manual Integrations
APPROVED

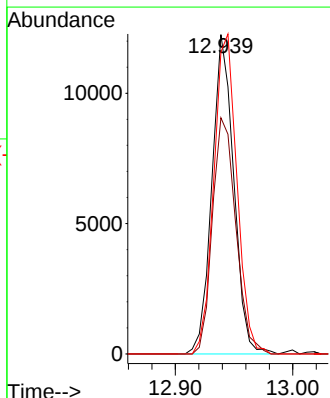
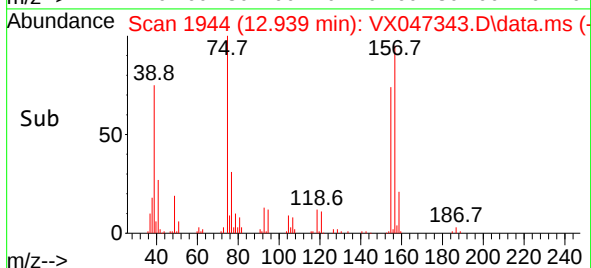
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

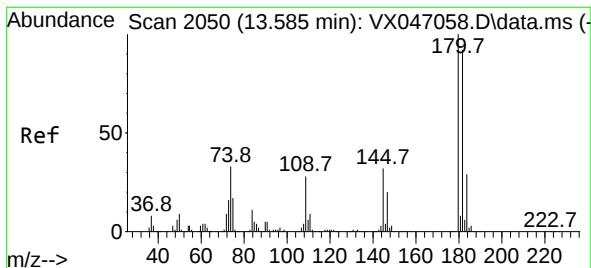


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.817 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43



Tgt Ion: 75 Resp: 15801
Ion Ratio Lower Upper
75 100
155 79.4 41.3 124.1
157 106.0 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 18.711 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

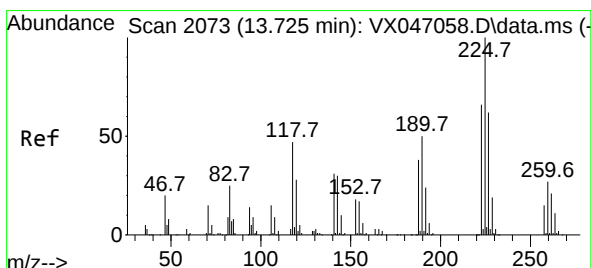
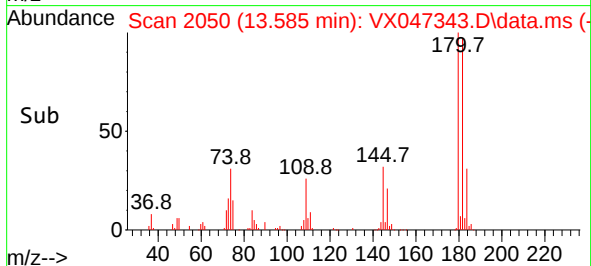
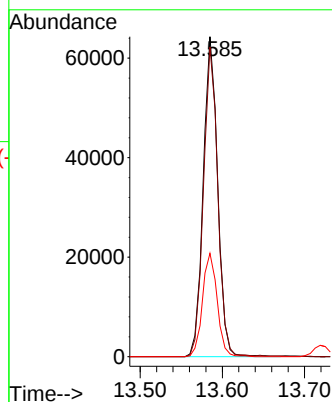
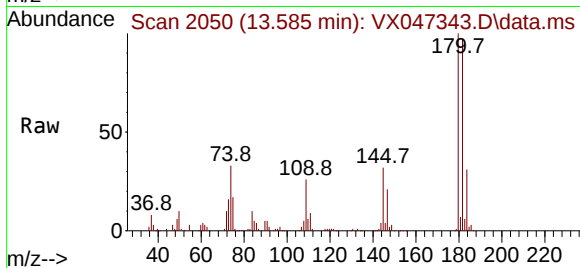
Tgt Ion:180	Resp:	78304
Ion Ratio	Lower	Upper
180	100	
182	95.8	47.3 141.8
145	32.8	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#94

Hexachlorobutadiene

Concen: 18.754 ug/l

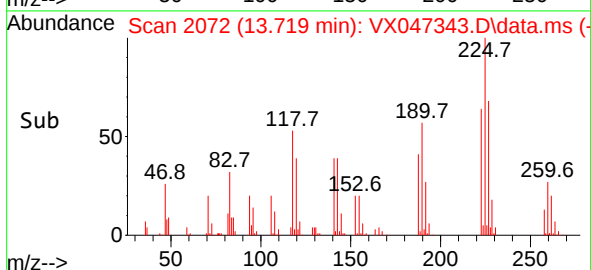
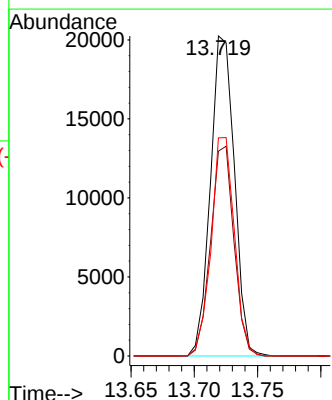
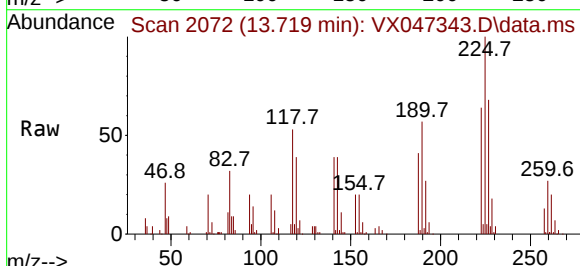
RT: 13.719 min Scan# 2072

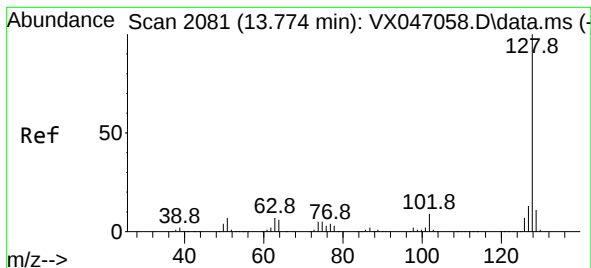
Delta R.T. -0.006 min

Lab File: VX047343.D

Acq: 14 Aug 2025 16:43

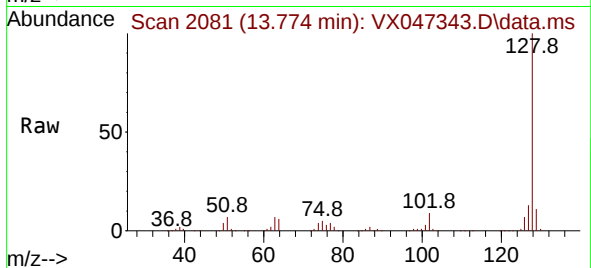
Tgt Ion:225	Resp:	26692
Ion Ratio	Lower	Upper
225	100	
223	63.8	31.6 95.0
227	66.2	32.9 98.6





#95
Naphthalene
Concen: 19.421 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43

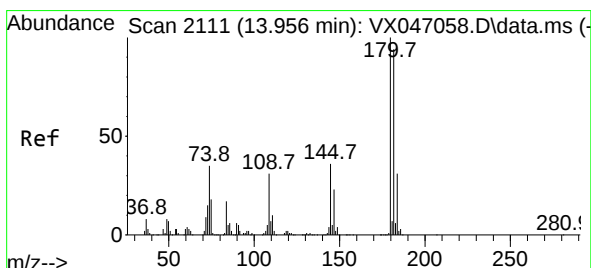
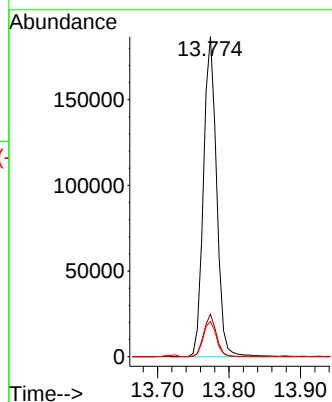
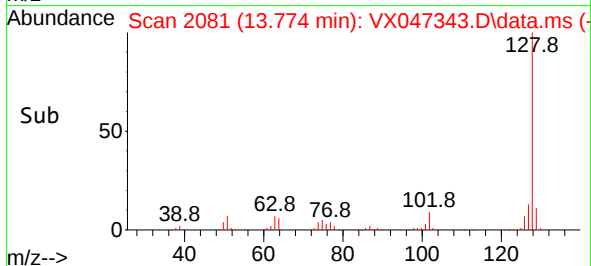
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02



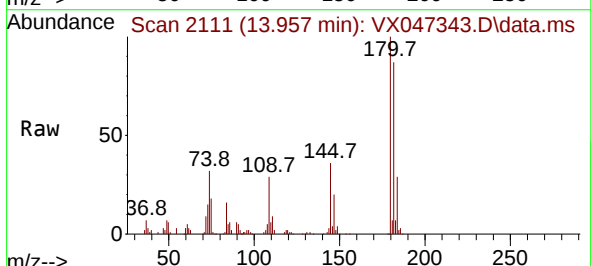
Tgt Ion:128 Resp: 23826
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.536 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047343.D
Acq: 14 Aug 2025 16:43



Tgt Ion:180 Resp: 74732
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 34.8 17.3 52.0

