

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047131.D
 Acq On : 25 Jul 2025 10:50
 Operator : JC/MD
 Sample : VX0725MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2025
 Supervised By : Mahesh Dadoda 07/28/2025

Quant Time: Jul 26 00:22:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	286971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	490660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	217121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	192922	53.968	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.940%			
35) Dibromofluoromethane	5.397	113	164188	54.196	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.400%			
50) Toluene-d8	8.652	98	507623	51.740	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.480%			
62) 4-Bromofluorobenzene	11.079	95	229294	54.233	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	77208	20.255	ug/l	98
3) Chloromethane	1.312	50	68584	18.190	ug/l	99
4) Vinyl Chloride	1.392	62	80928	19.967	ug/l	99
5) Bromomethane	1.629	94	44112	20.036	ug/l	96
6) Chloroethane	1.709	64	47270	17.757	ug/l	94
7) Trichlorofluoromethane	1.910	101	117870	19.503	ug/l	97
8) Diethyl Ether	2.148	74	41372	19.415	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	72150	19.815	ug/l	98
10) Methyl Iodide	2.471	142	95518	25.739	ug/l	98
11) Tert butyl alcohol	2.958	59	39965	89.013	ug/l	98
12) 1,1-Dichloroethene	2.337	96	69154	19.175	ug/l	100
13) Acrolein	2.245	56	91897	119.392	ug/l	98
14) Allyl chloride	2.684	41	120437	18.475	ug/l	94
15) Acrylonitrile	3.080	53	168274	98.700	ug/l	99
16) Acetone	2.391	43	145371	101.512	ug/l	97
17) Carbon Disulfide	2.532	76	195368	18.726	ug/l	97
18) Methyl Acetate	2.715	43	80284	21.096	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	219081	19.961	ug/l	97
20) Methylene Chloride	2.806	84	76633	19.451	ug/l	99
21) trans-1,2-Dichloroethene	3.111	96	71171	19.285	ug/l	96
22) Diisopropyl ether	3.769	45	254358	20.294	ug/l	99
23) Vinyl Acetate	3.733	43	1033218	102.780	ug/l	99
24) 1,1-Dichloroethane	3.623	63	136709	19.615	ug/l	100
25) 2-Butanone	4.568	43	208418	99.951	ug/l	98
26) 2,2-Dichloropropane	4.489	77	109716	20.336	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	84405	19.314	ug/l	99
28) Bromochloromethane	4.909	49	62938	19.629	ug/l	99
29) Tetrahydrofuran	5.019	42	128307	95.367	ug/l	98
30) Chloroform	5.104	83	138676	19.547	ug/l	97
31) Cyclohexane	5.482	56	130484	19.525	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	122739	19.918	ug/l	99
36) 1,1-Dichloropropene	5.702	75	98982	19.168	ug/l	97
37) Ethyl Acetate	4.726	43	93377	19.623	ug/l	97
38) Carbon Tetrachloride	5.690	117	106541	19.330	ug/l	98
39) Methylcyclohexane	7.384	83	119640	18.556	ug/l	99
40) Benzene	6.049	78	289568	19.376	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	48866	19.641	ug/l #	93
42) 1,2-Dichloroethane	6.098	62	105689	20.076	ug/l	97
43) Isopropyl Acetate	6.348	43	149985	20.218	ug/l	99
44) Trichloroethene	7.134	130	72379	18.886	ug/l	100
45) 1,2-Dichloropropane	7.433	63	72425	19.349	ug/l	96
46) Dibromomethane	7.586	93	52126	19.859	ug/l	98
47) Bromodichloromethane	7.823	83	112358	20.111	ug/l	98
48) Methyl methacrylate	7.695	41	77538	19.187	ug/l	99
49) 1,4-Dioxane	7.714	88	18866	410.456	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	451340	102.361	ug/l	98
52) Toluene	8.720	92	180750	19.670	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	100735	19.094	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	114622	19.850	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	67398	19.557	ug/l	96
56) Ethyl methacrylate	9.116	69	103828	20.351	ug/l	98
57) 1,3-Dichloropropane	9.311	76	119480	19.949	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	238315	83.944	ug/l	100
59) 2-Hexanone	9.433	43	311163	106.813	ug/l	100
60) Dibromochloromethane	9.518	129	81704	20.215	ug/l	100
61) 1,2-Dibromoethane	9.610	107	72083	20.004	ug/l	99
64) Tetrachloroethene	9.274	164	59260	18.781	ug/l	96
65) Chlorobenzene	10.079	112	196510	19.165	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	68126	19.734	ug/l	100
67) Ethyl Benzene	10.195	91	349020	19.468	ug/l	100
68) m/p-Xylenes	10.299	106	263647	39.297	ug/l	100
69) o-Xylene	10.640	106	122330	19.167	ug/l	96
70) Styrene	10.652	104	217459	19.870	ug/l	100
71) Bromoform	10.798	173	51905	19.793	ug/l #	98
73) Isopropylbenzene	10.963	105	339121	19.797	ug/l	100
74) N-amyl acetate	10.841	43	134216	19.419	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	99088	20.251	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	77812m	19.362	ug/l	
77) Bromobenzene	11.195	156	80177	19.514	ug/l	100
78) n-propylbenzene	11.304	91	408943	19.978	ug/l	99
79) 2-Chlorotoluene	11.359	91	242106	19.786	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	279189	19.729	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18288	11.724	ug/l	96
82) 4-Chlorotoluene	11.451	91	285071	19.960	ug/l	100
83) tert-Butylbenzene	11.713	119	275838	19.420	ug/l	98
84) 1,2,4-Trimethylbenzene	11.749	105	280491	19.872	ug/l	99
85) sec-Butylbenzene	11.890	105	352148	19.842	ug/l	98
86) p-Isopropyltoluene	12.006	119	294210	19.991	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	153079	19.609	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	153867	19.454	ug/l	98
89) n-Butylbenzene	12.329	91	276638	20.044	ug/l	98
90) Hexachloroethane	12.536	117	52343	19.881	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	145690	19.526	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	19950	21.241	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	96308	19.537	ug/l	98
94) Hexachlorobutadiene	13.719	225	34232	20.419	ug/l	99
95) Naphthalene	13.774	128	291057	20.140	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	92685	19.516	ug/l	98

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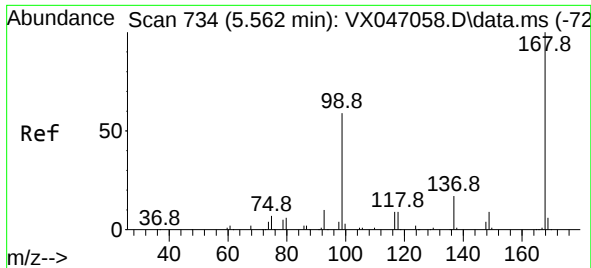
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/28/2025

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

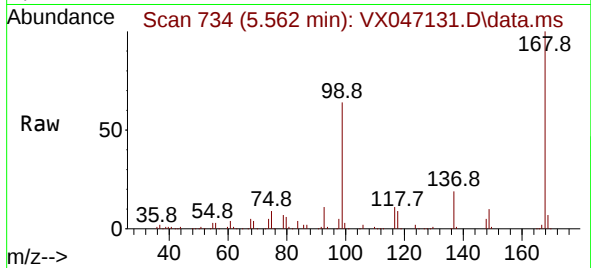
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

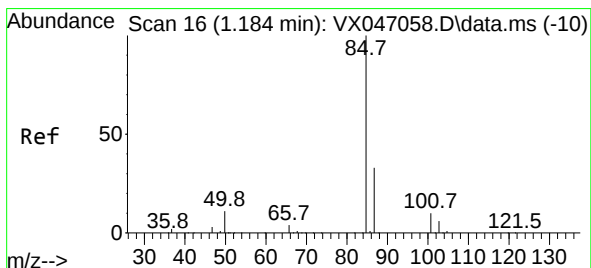
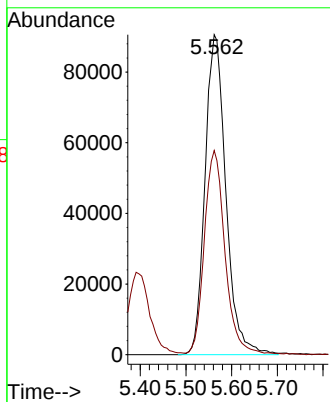
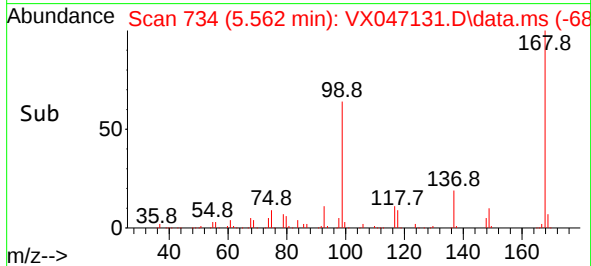
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion:168 Resp: 28697
Ion Ratio Lower Upper
168 100
99 63.5 48.0 72.0

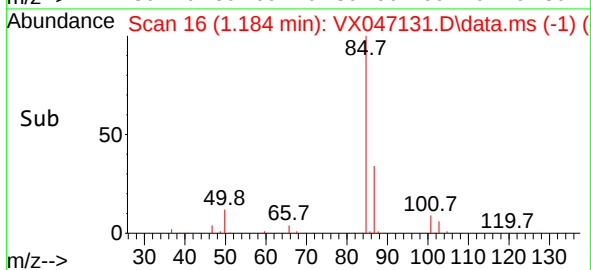
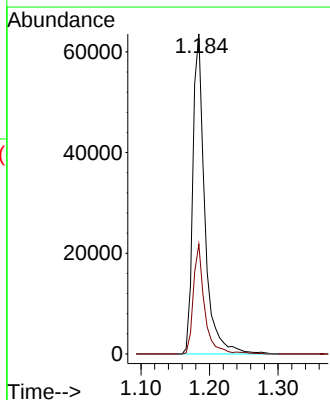
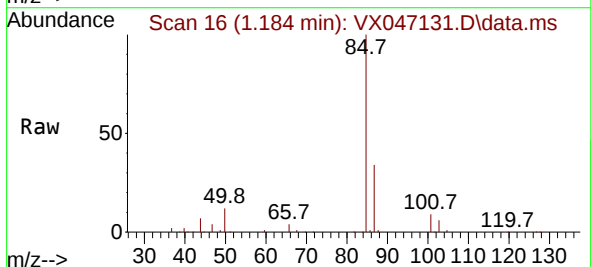
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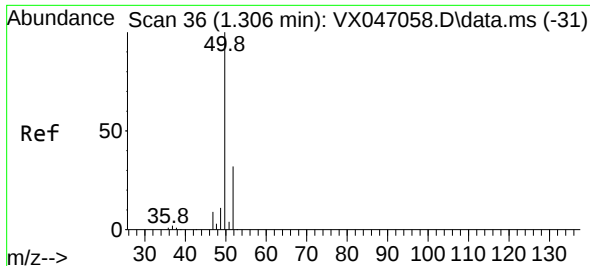
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#2
Dichlorodifluoromethane
Concen: 20.255 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

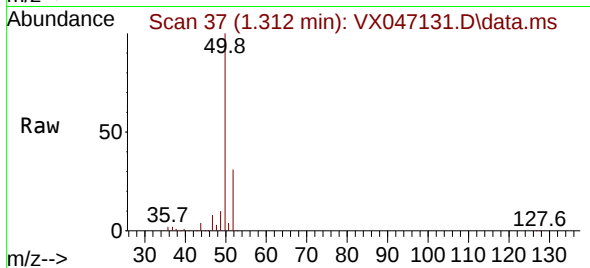
Tgt Ion: 85 Resp: 77208
Ion Ratio Lower Upper
85 100
87 34.3 16.6 49.8





#3
Chloromethane
Concen: 18.190 ug/l
RT: 1.312 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

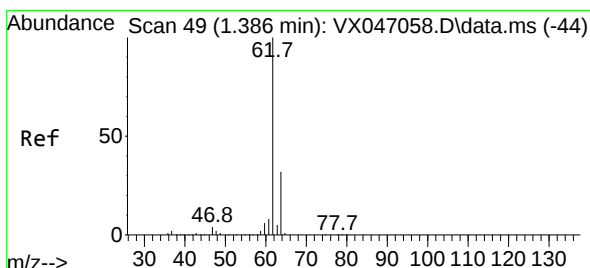
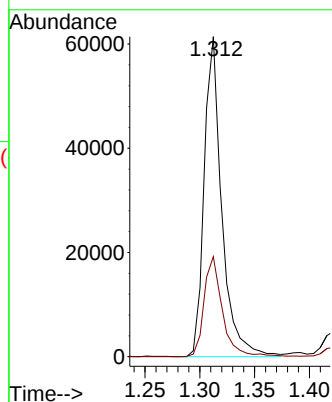
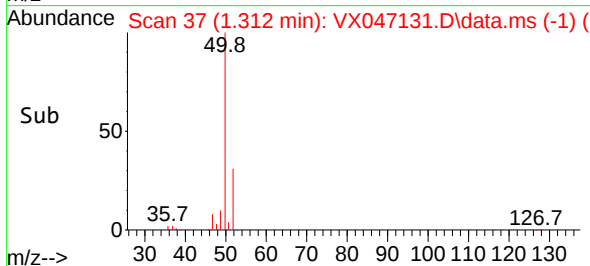
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 50 Resp: 68584
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.2

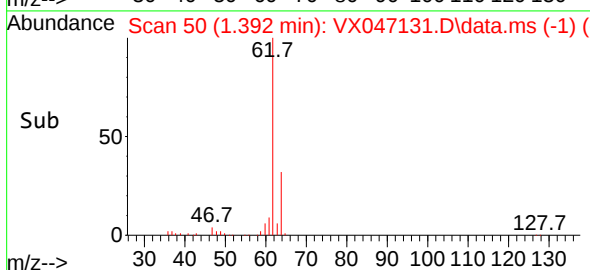
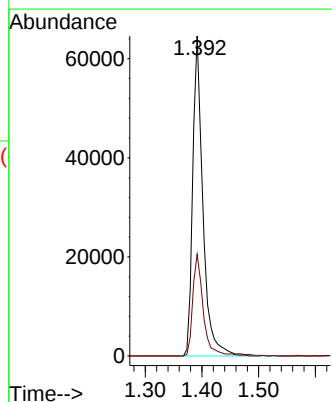
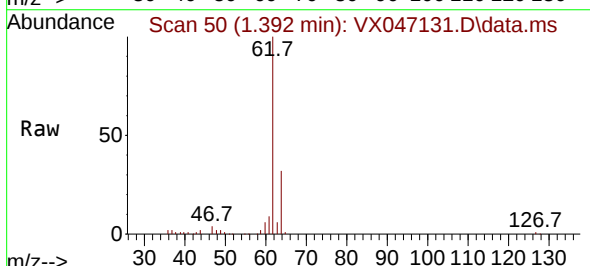
Manual Integrations
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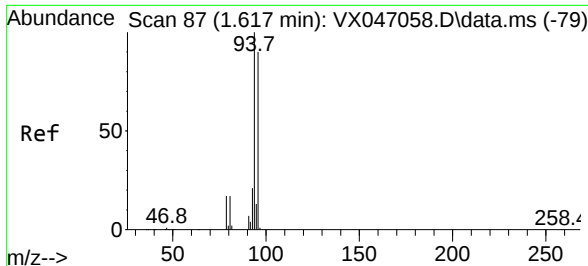
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#4
Vinyl Chloride
Concen: 19.967 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

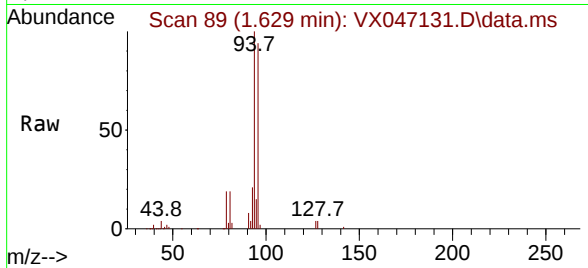
Tgt Ion: 62 Resp: 80928
Ion Ratio Lower Upper
62 100
64 31.8 25.2 37.8





#5
Bromomethane
Concen: 20.036 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

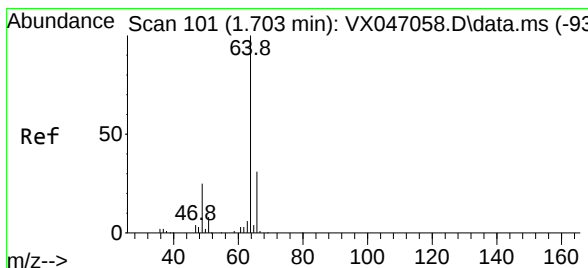
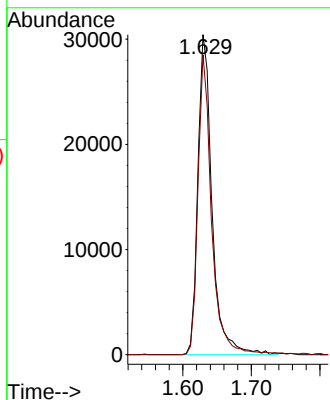
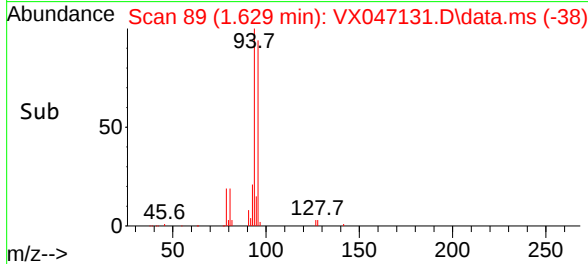
Instrument :
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Tgt Ion: 94 Resp: 4411
Ion Ratio Lower Upper
94 100
96 93.7 72.3 108.5

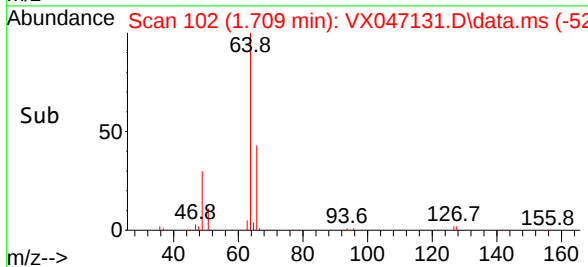
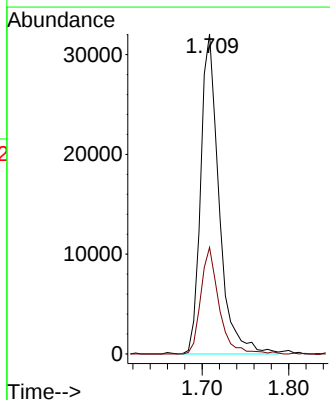
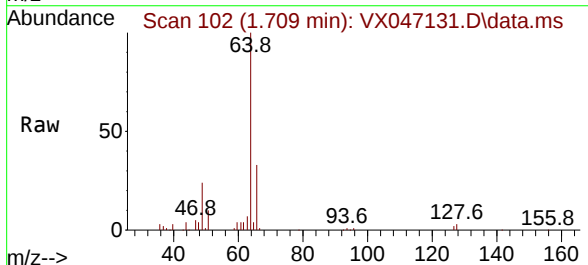
Manual Integrations
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Reviewed By :John Carlone 07/28/2025
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#6
Chloroethane
Concen: 17.757 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

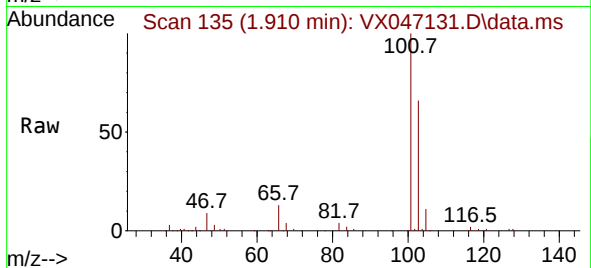
Tgt Ion: 64 Resp: 47270
Ion Ratio Lower Upper
64 100
66 34.4 25.0 37.6





#7
Trichlorofluoromethane
Concen: 19.503 ug/l
RT: 1.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

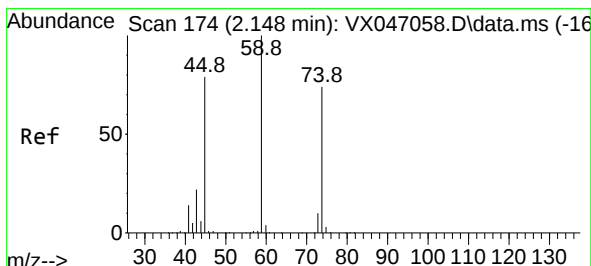
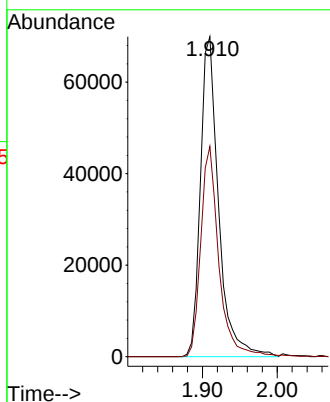
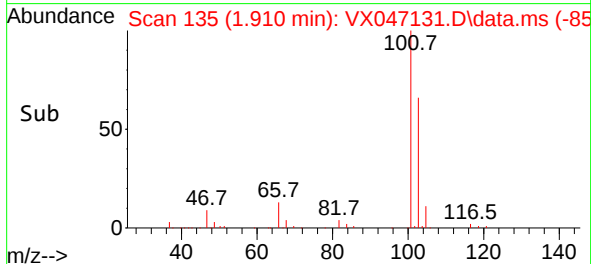
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion:101 Resp: 117870
Ion Ratio Lower Upper
101 100
103 65.7 50.9 76.3

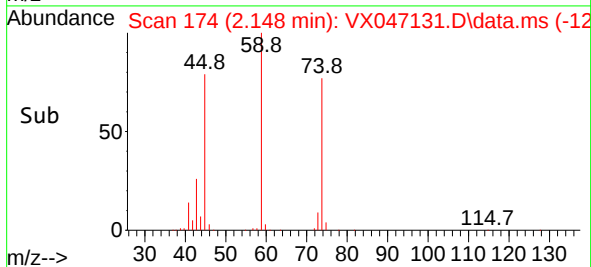
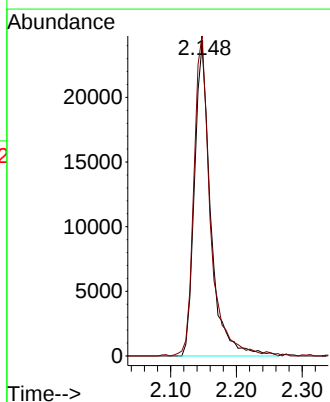
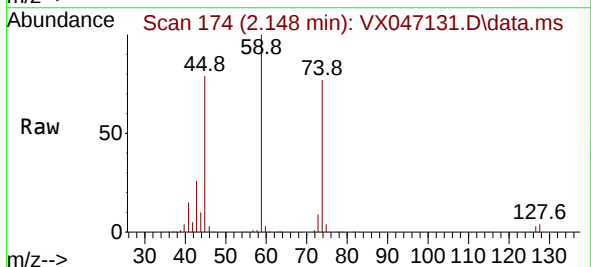
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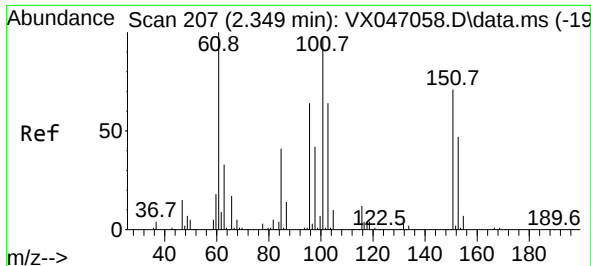
Reviewed By :John Carlone 07/28/2025
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#8
Diethyl Ether
Concen: 19.415 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047131.D
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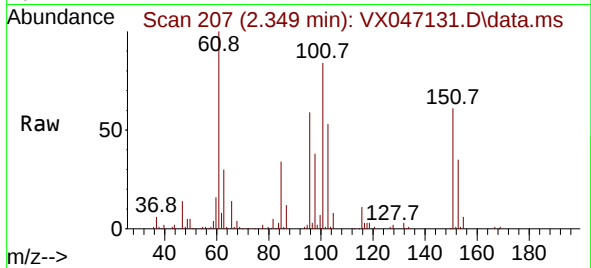
Tgt Ion: 74 Resp: 41372
Ion Ratio Lower Upper
74 100
45 103.4 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.815 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

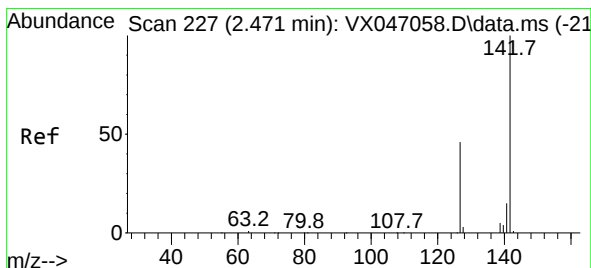
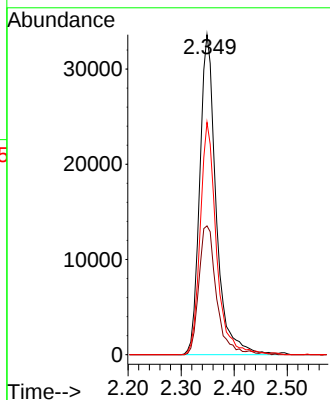
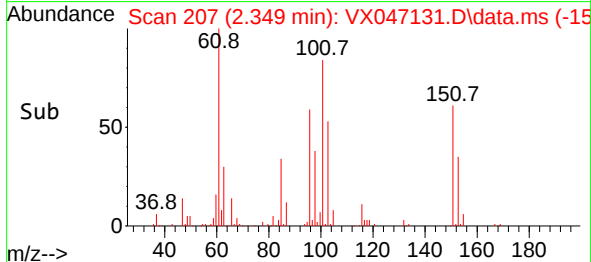
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion:101 Resp: 72150
Ion Ratio Lower Upper
101 100
85 43.4 35.4 53.0
151 71.9 59.2 88.8

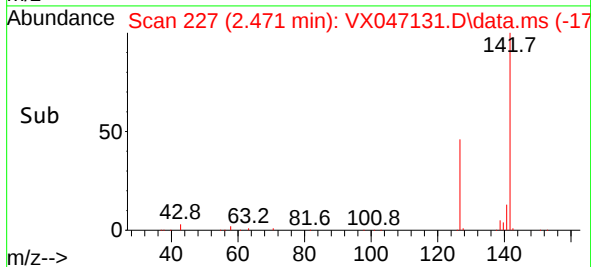
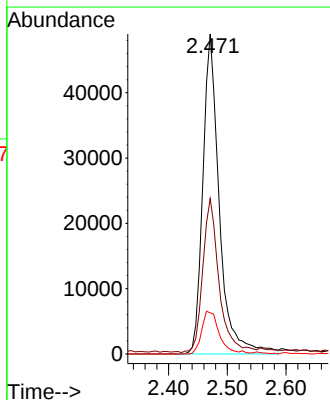
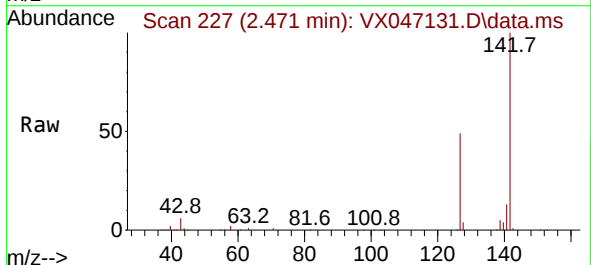
Manual Integrations
APPROVED

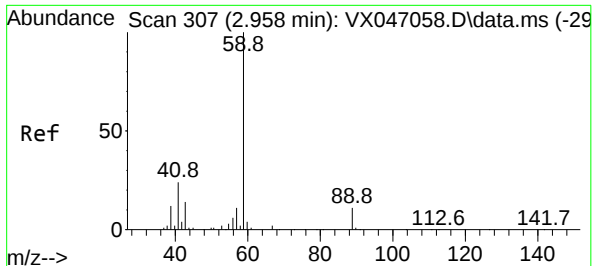
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#10
Methyl Iodide
Concen: 25.739 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Tgt Ion:142 Resp: 95518
Ion Ratio Lower Upper
142 100
127 47.4 36.6 54.8
141 14.3 10.9 16.3





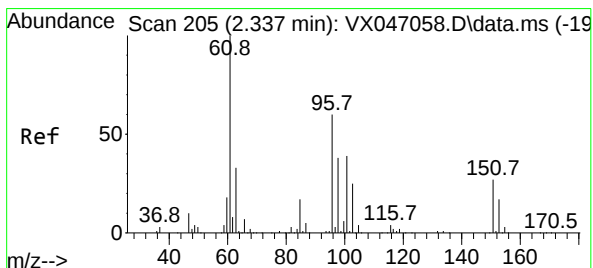
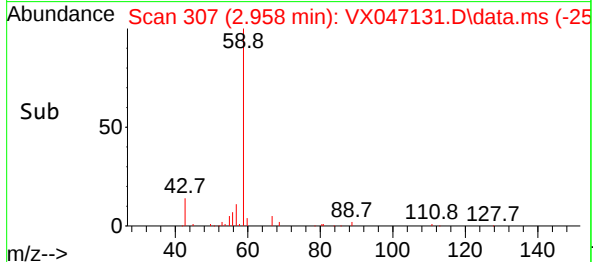
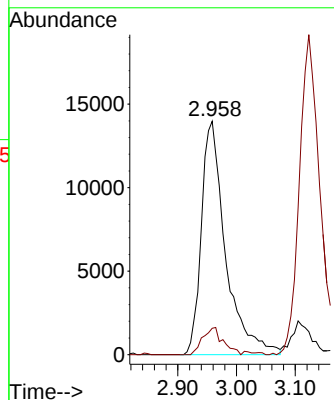
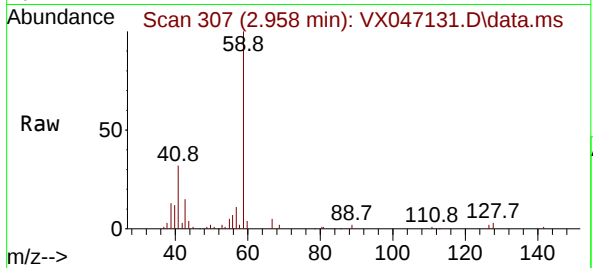
#11
Tert butyl alcohol
Concen: 89.013 ug/l
RT: 2.958 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tgt Ion: 59 Resp: 3996
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7

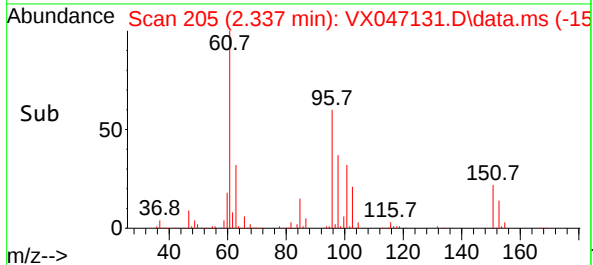
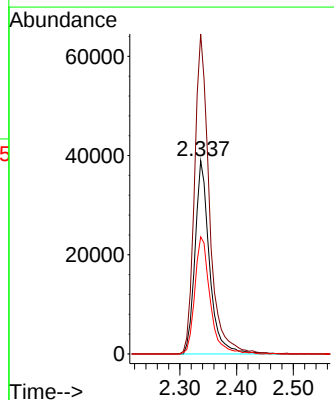
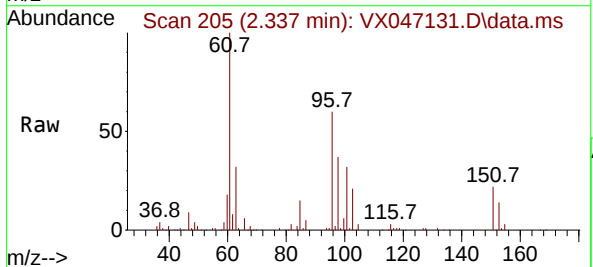
Manual Integrations
APPROVED

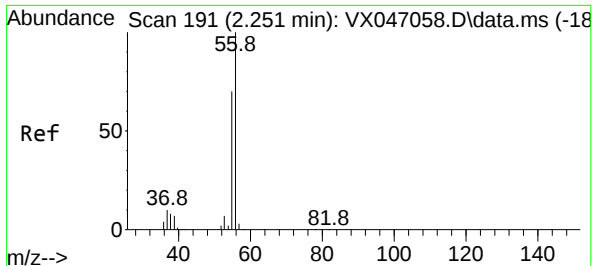
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#12
1,1-Dichloroethene
Concen: 19.175 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Tgt Ion: 96 Resp: 69154
Ion Ratio Lower Upper
96 100
61 165.4 132.6 198.8
98 61.9 50.2 75.4





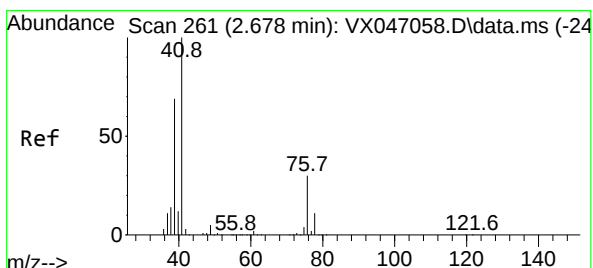
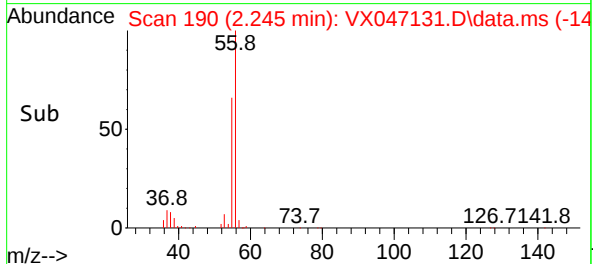
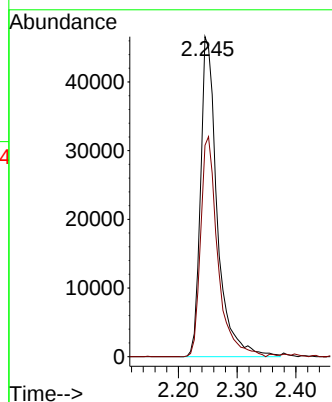
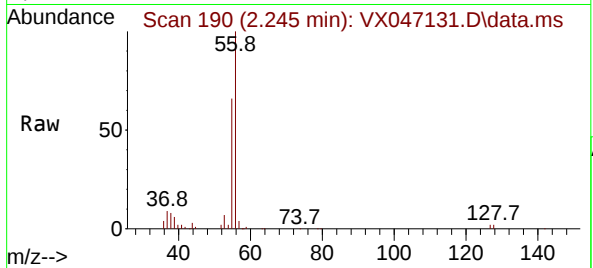
#13
Acrolein
Concen: 119.392 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tgt Ion: 56 Resp: 9189
Ion Ratio Lower Upper
56 100
55 70.8 55.7 83.5

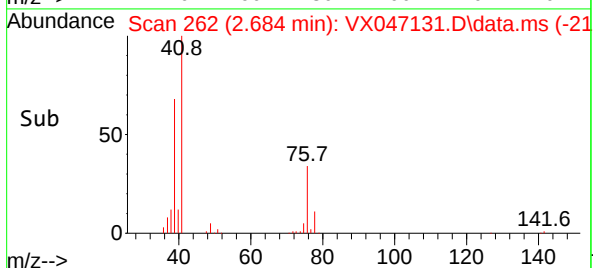
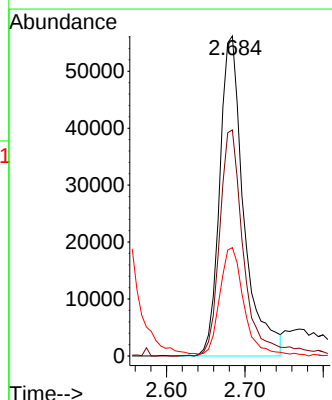
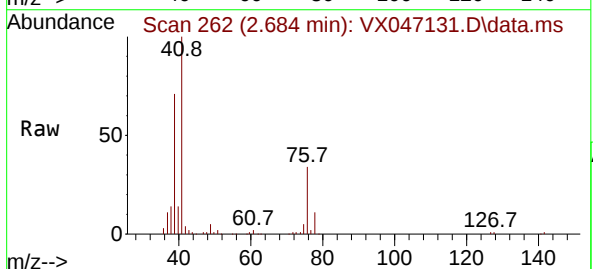
Manual Integrations
APPROVED

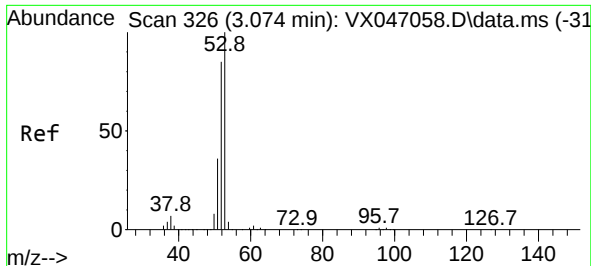
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#14
Allyl chloride
Concen: 18.475 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

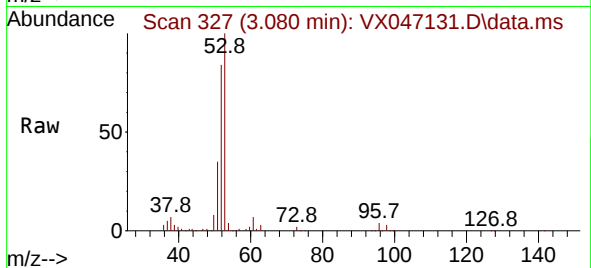
Tgt Ion: 41 Resp: 120437
Ion Ratio Lower Upper
41 100
39 71.7 52.6 78.8
76 34.2 25.7 38.5





#15
Acrylonitrile
Concen: 98.700 ug/l
RT: 3.080 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

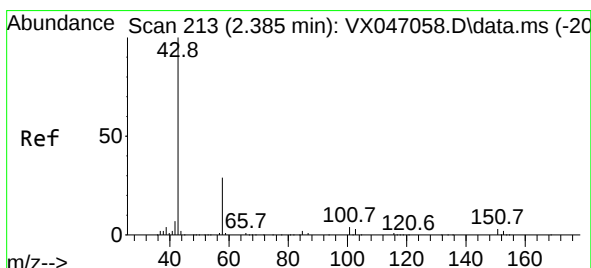
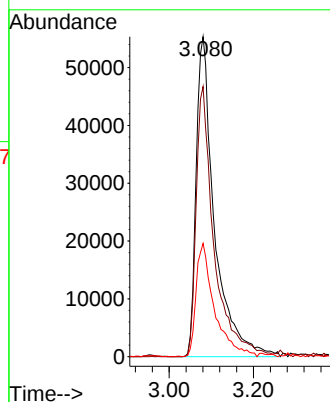
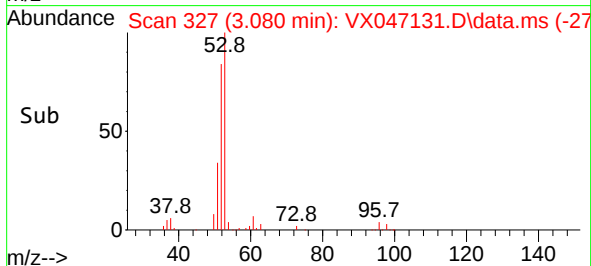
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 53 Resp: 168274
Ion Ratio Lower Upper
53 100
52 81.9 65.7 98.5
51 35.3 28.8 43.2

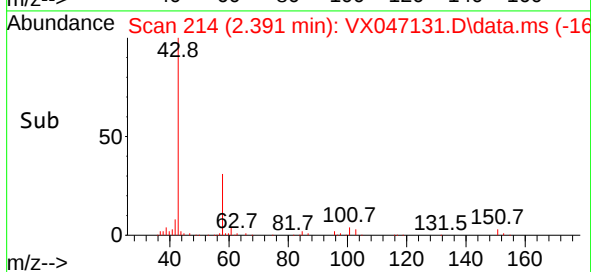
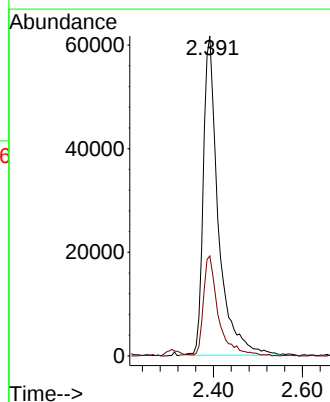
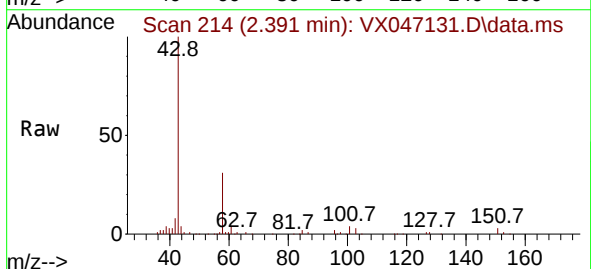
Manual Integrations
APPROVED

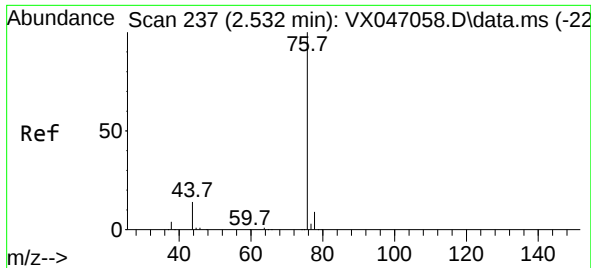
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#16
Acetone
Concen: 101.512 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Tgt Ion: 43 Resp: 145371
Ion Ratio Lower Upper
43 100
58 31.4 24.0 36.0





#17

Carbon Disulfide

Concen: 18.726 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tgt Ion: 76 Resp: 19536

Ion Ratio Lower Upper

76 100

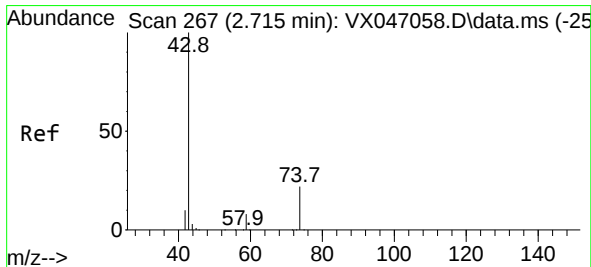
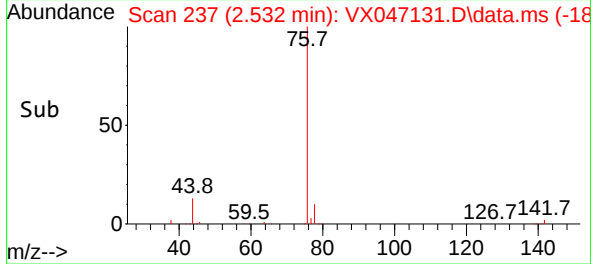
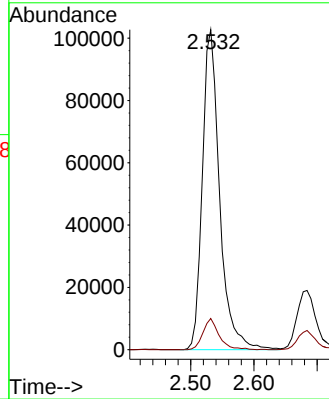
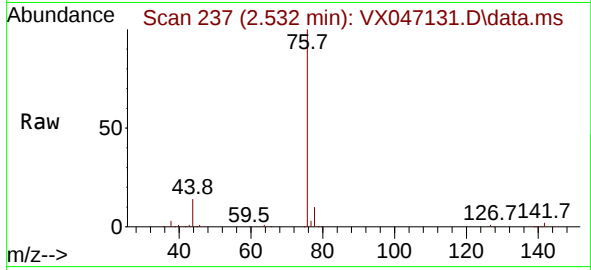
78 9.8 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#18

Methyl Acetate

Concen: 21.096 ug/l

RT: 2.715 min Scan# 267

Delta R.T. -0.000 min

Lab File: VX047131.D

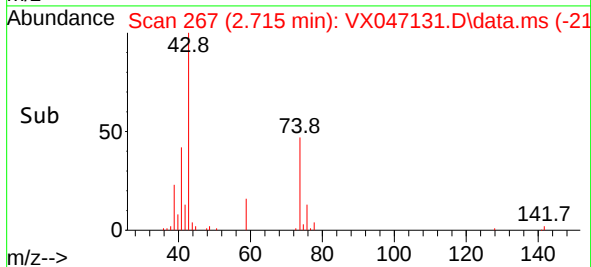
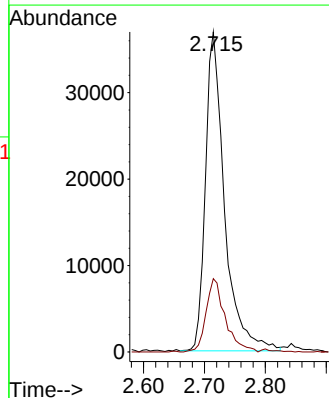
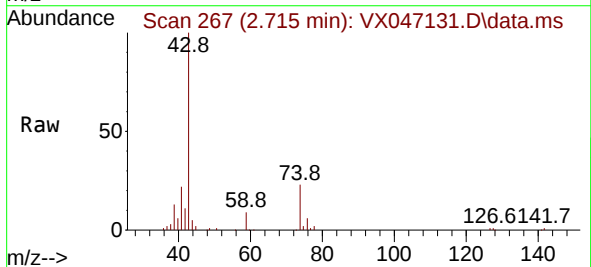
Acq: 25 Jul 2025 10:50

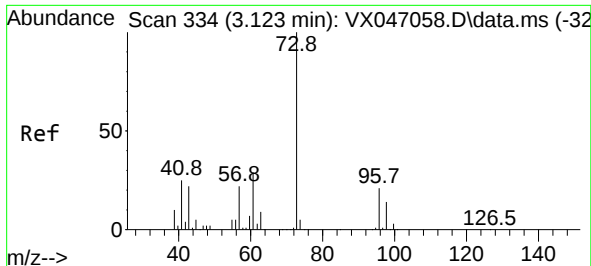
Tgt Ion: 43 Resp: 80284

Ion Ratio Lower Upper

43 100

74 23.0 17.7 26.5





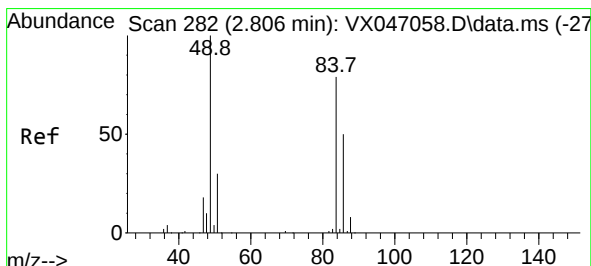
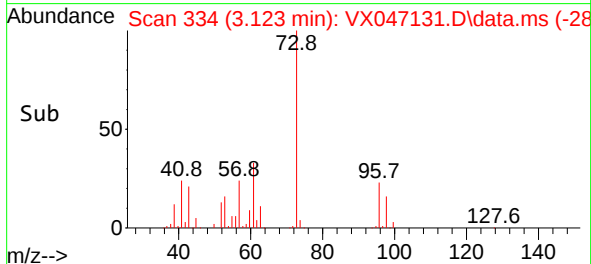
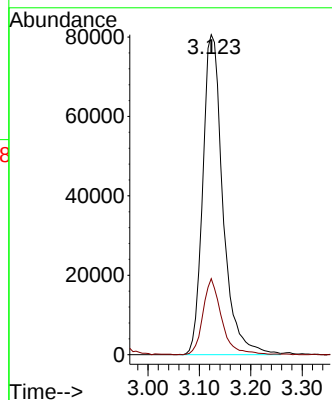
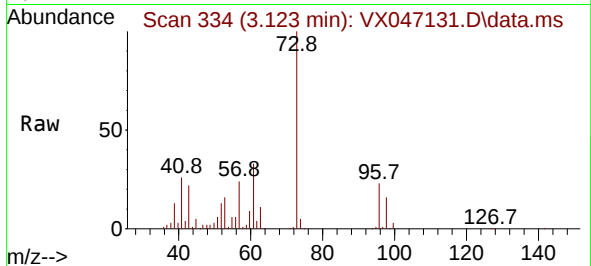
#19
Methyl tert-butyl Ether
Concen: 19.961 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tgt Ion: 73 Resp: 21908
Ion Ratio Lower Upper
73 100
57 23.7 17.7 26.5

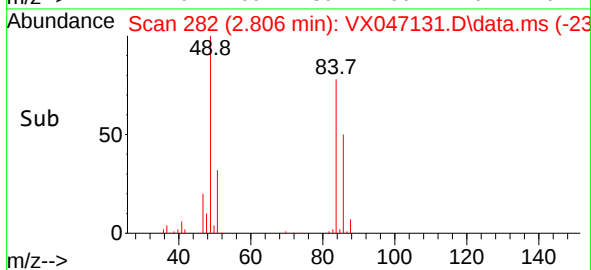
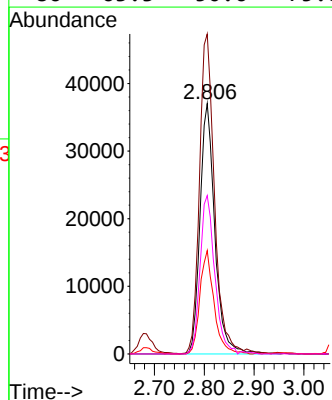
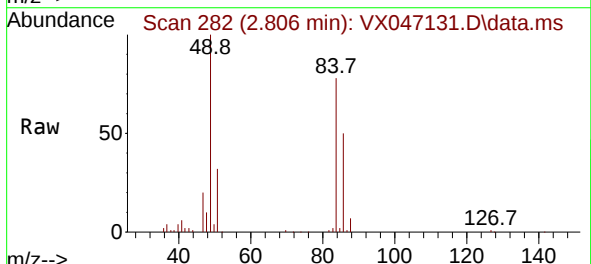
Manual Integrations
APPROVED

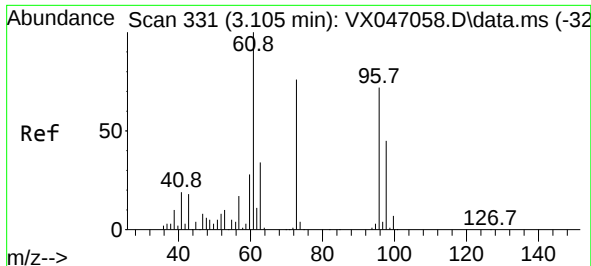
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#20
Methylene Chloride
Concen: 19.451 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Tgt Ion: 84 Resp: 76633
Ion Ratio Lower Upper
84 100
49 127.8 101.6 152.4
51 41.3 30.3 45.5
86 63.3 50.6 75.8





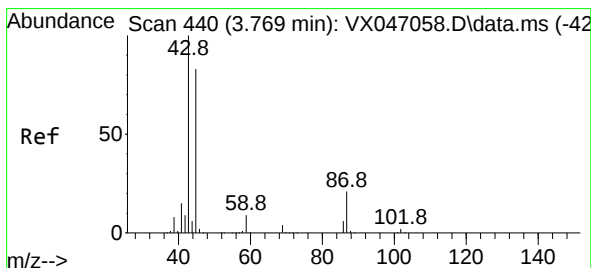
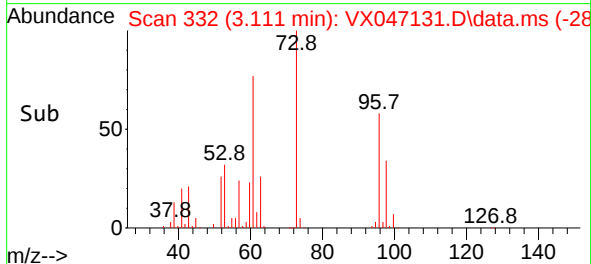
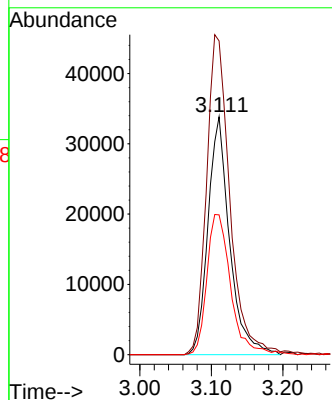
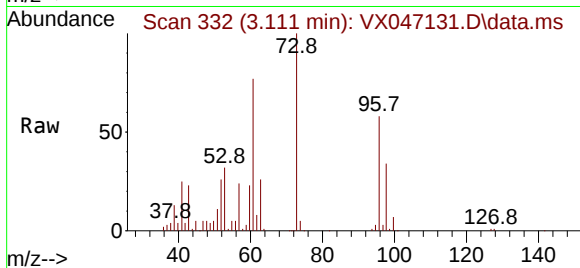
#21
trans-1,2-Dichloroethene
Concen: 19.285 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tgt Ion: 96 Resp: 7117
Ion Ratio Lower Upper
96 100
61 131.8 111.1 166.7
98 60.9 49.6 74.4

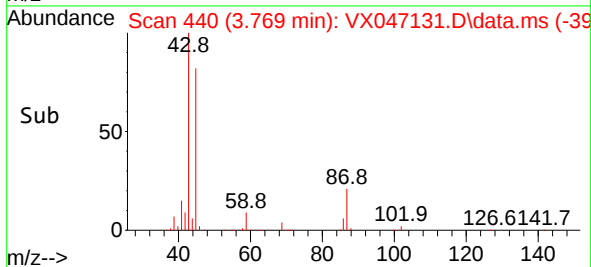
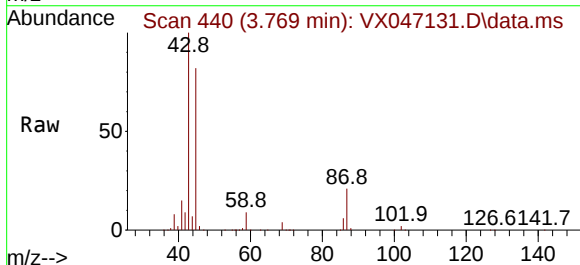
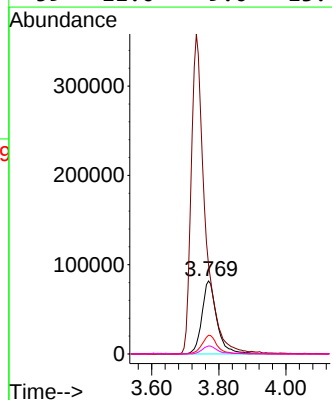
Manual Integrations
APPROVED

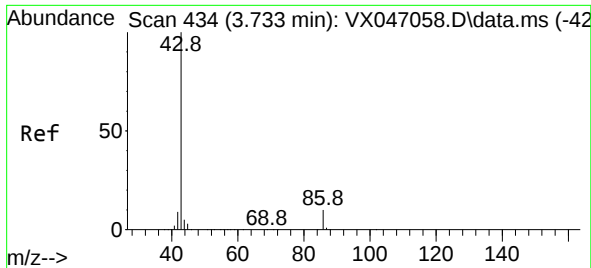
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#22
Diisopropyl ether
Concen: 20.294 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

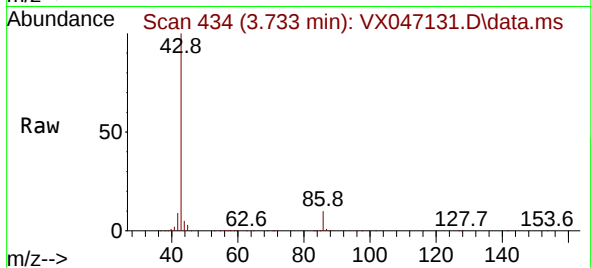
Tgt Ion: 45 Resp: 254358
Ion Ratio Lower Upper
45 100
43 122.1 96.8 145.2
87 25.6 20.5 30.7
59 11.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 102.780 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX047131.D
 Acq: 25 Jul 2025 10:50

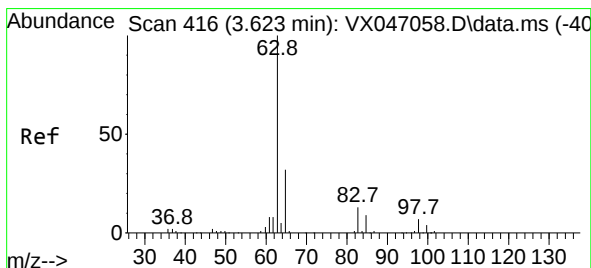
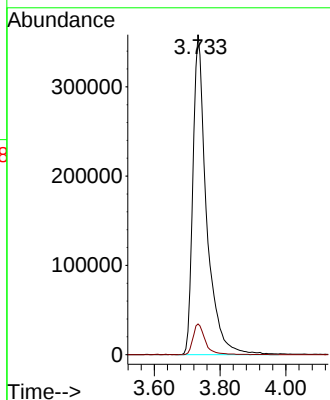
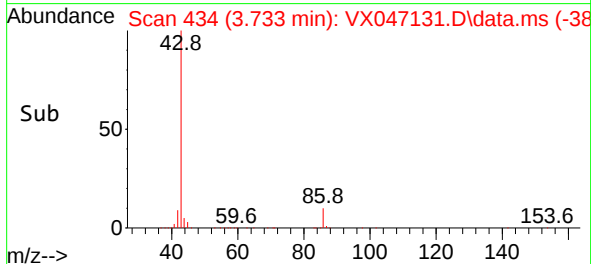
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01



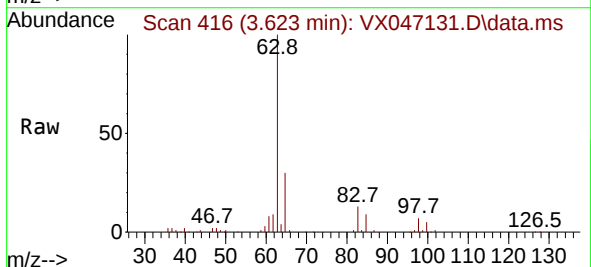
Tgt Ion: 43 Resp: 1033218
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.1 12.1

Manual Integrations
 APPROVED

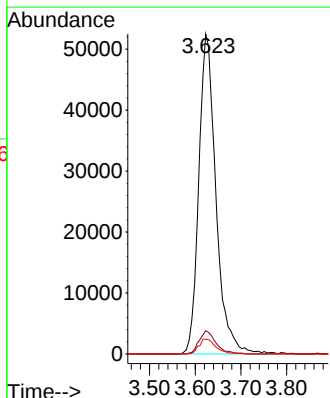
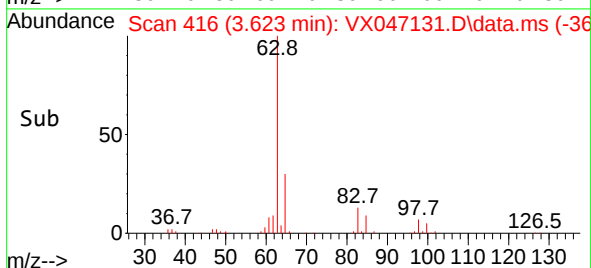
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025

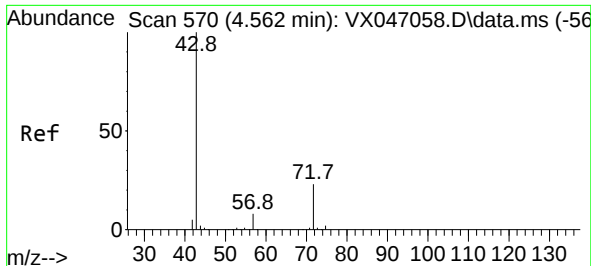


#24
 1,1-Dichloroethane
 Concen: 19.615 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047131.D
 Acq: 25 Jul 2025 10:50



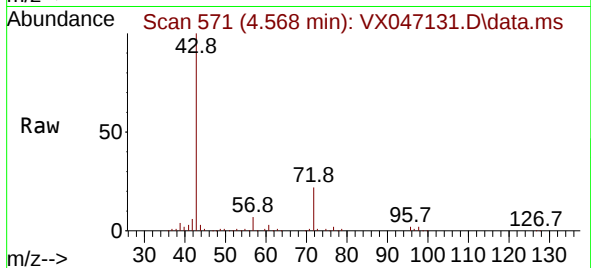
Tgt Ion: 63 Resp: 136709
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.6 2.3 6.8





#25
2-Butanone
Concen: 99.951 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

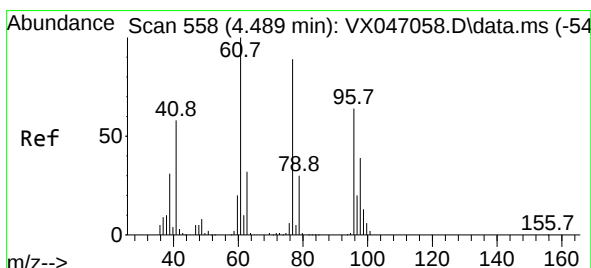
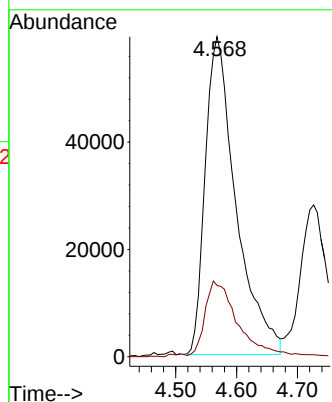
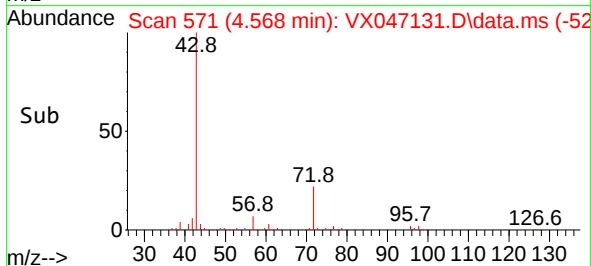
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 43 Resp: 208418
Ion Ratio Lower Upper
43 100
72 22.7 18.8 28.2

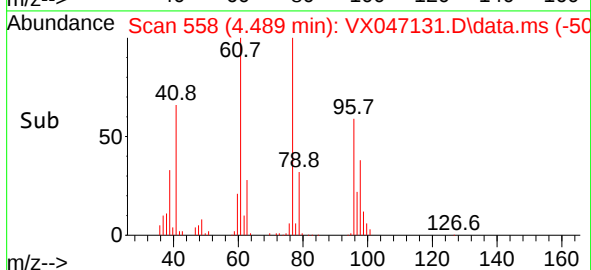
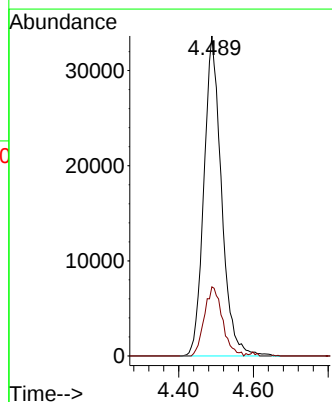
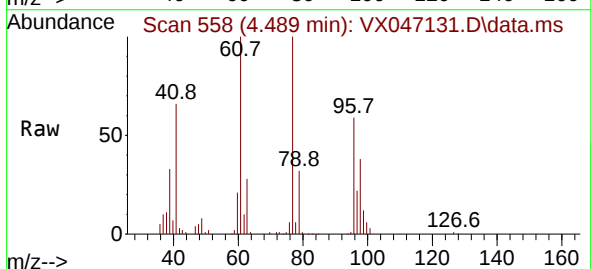
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#26
2,2-Dichloropropane
Concen: 20.336 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Tgt Ion: 77 Resp: 109716
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.314 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

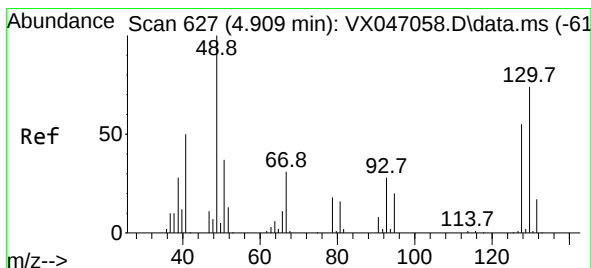
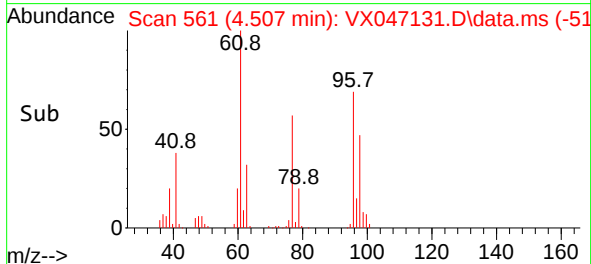
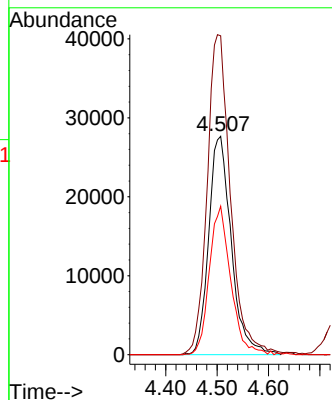
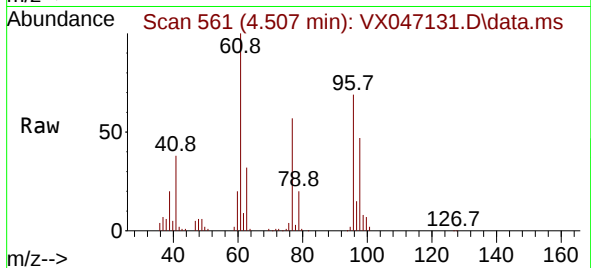
Tgt Ion: 96 Resp: 8440
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 298.6
 98 64.3 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#28

Bromochloromethane

Concen: 19.629 ug/l

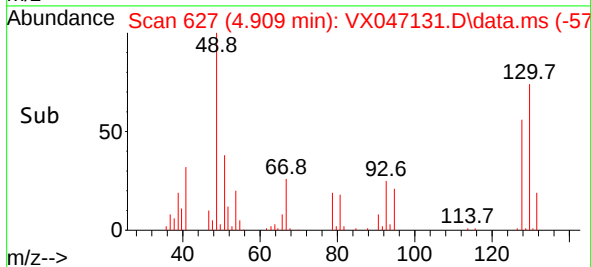
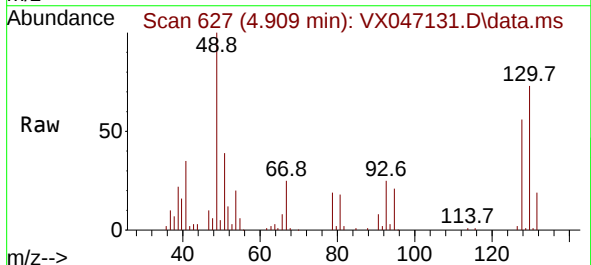
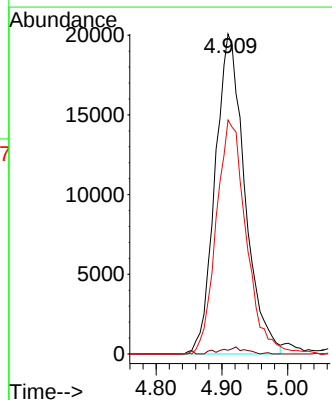
RT: 4.909 min Scan# 627

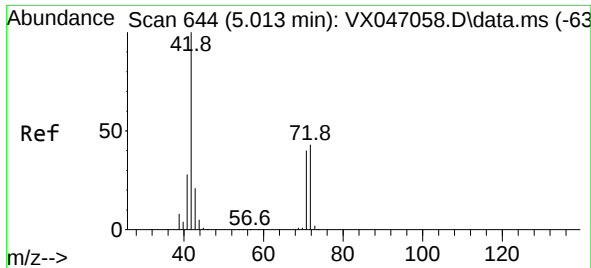
Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Tgt Ion: 49 Resp: 62938
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 74.2 59.0 88.4





#29

Tetrahydrofuran

Concen: 95.367 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

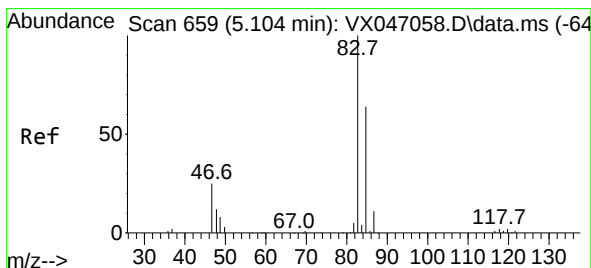
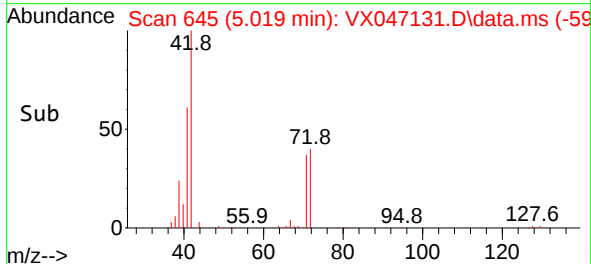
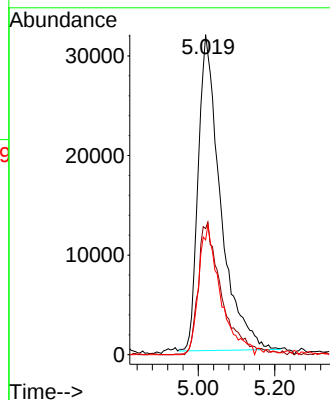
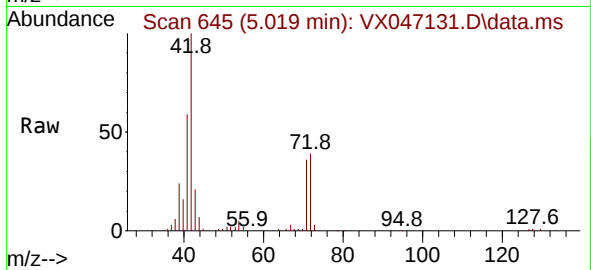
Tgt Ion: 42 Resp: 128307
 Ion Ratio Lower Upper
 42 100
 72 43.3 33.7 50.5
 71 39.9 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#30

Chloroform

Concen: 19.547 ug/l

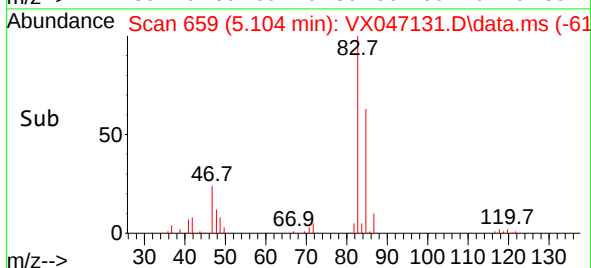
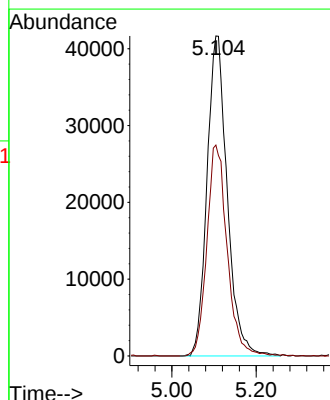
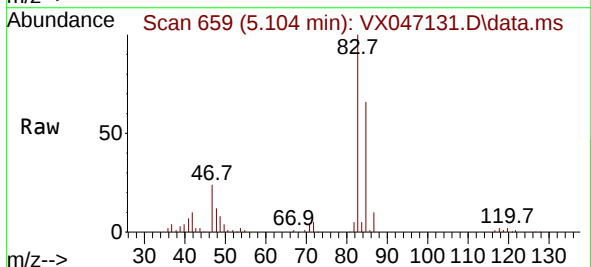
RT: 5.104 min Scan# 659

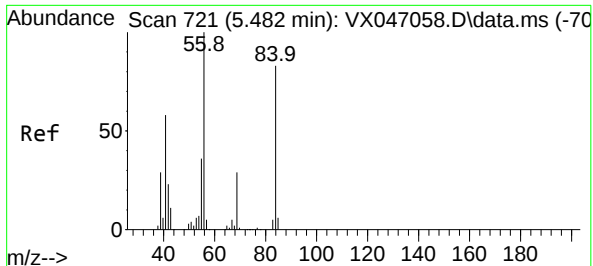
Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

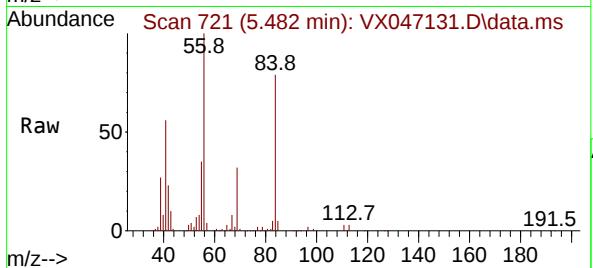
Tgt Ion: 83 Resp: 138676
 Ion Ratio Lower Upper
 83 100
 85 65.9 50.9 76.3





#31
Cyclohexane
Concen: 19.525 ug/l
RT: 5.482 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

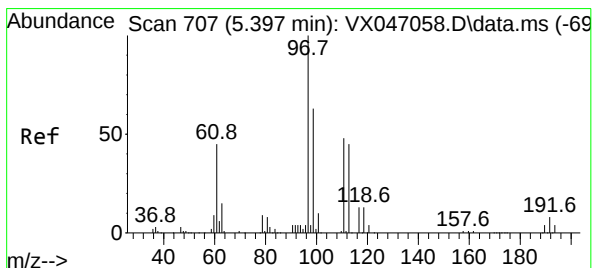
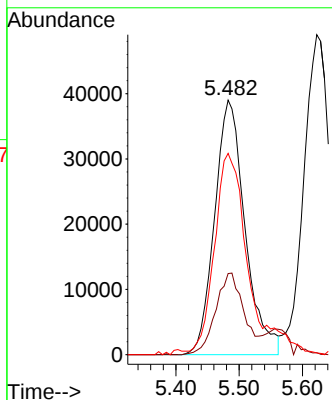
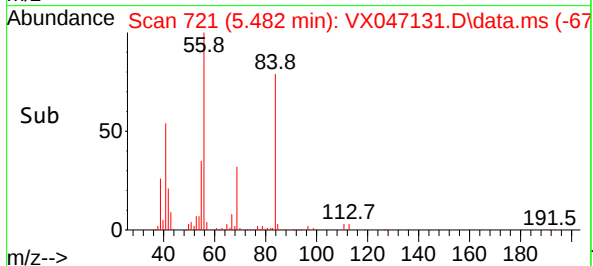
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 56 Resp: 130484
Ion Ratio Lower Upper
56 100
69 31.9 23.3 34.9
84 77.1 66.5 99.7

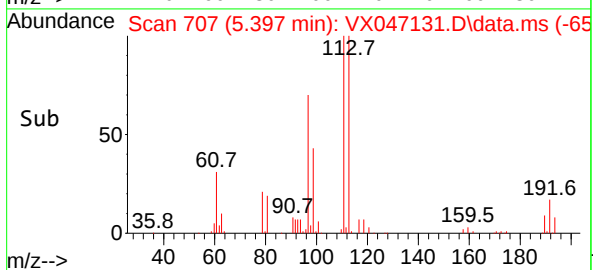
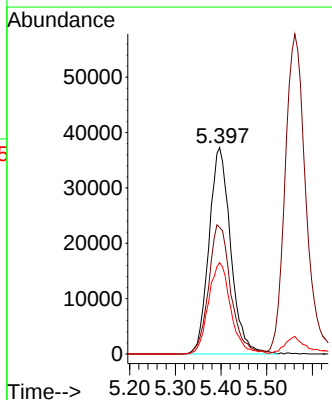
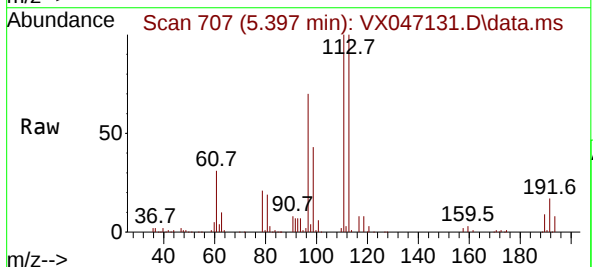
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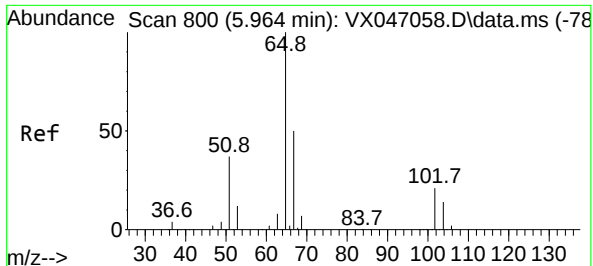
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#32
1,1,1-Trichloroethane
Concen: 19.918 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Tgt Ion: 97 Resp: 122739
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 45.5 37.1 55.7





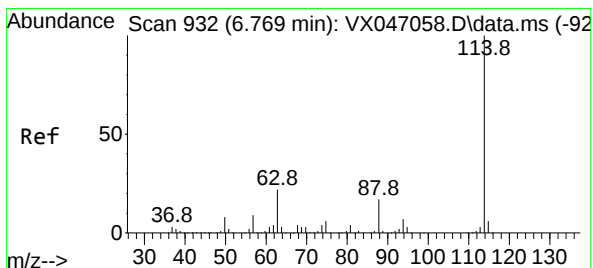
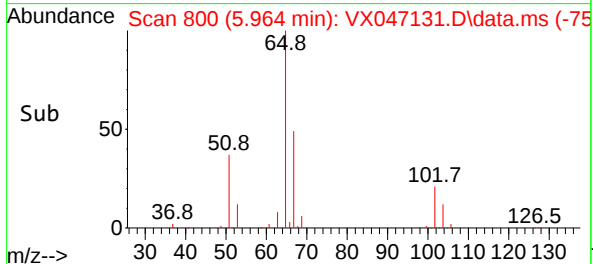
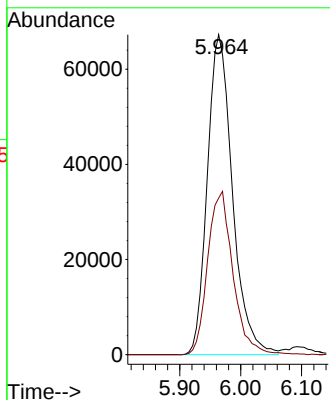
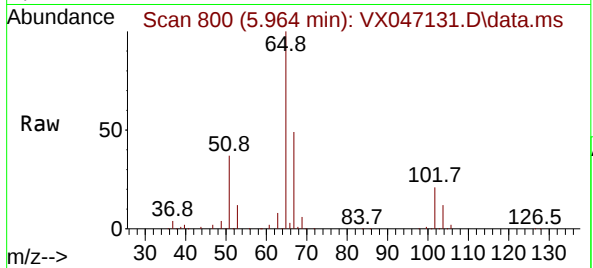
#33
 1,2-Dichloroethane-d4
 Concen: 53.968 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX047131.D
 Acq: 25 Jul 2025 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01

Tgt Ion: 65 Resp: 19292
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.8

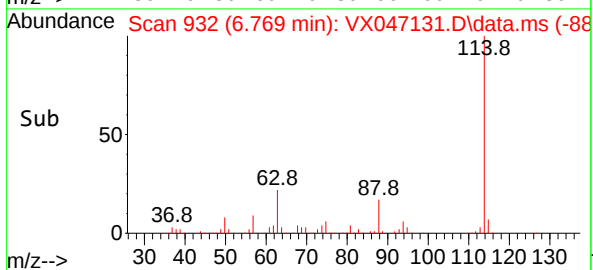
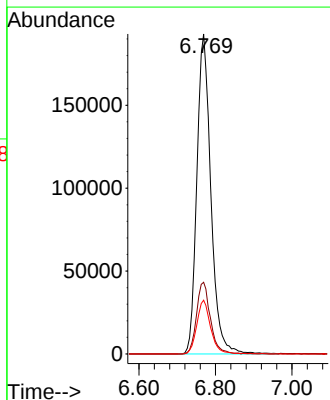
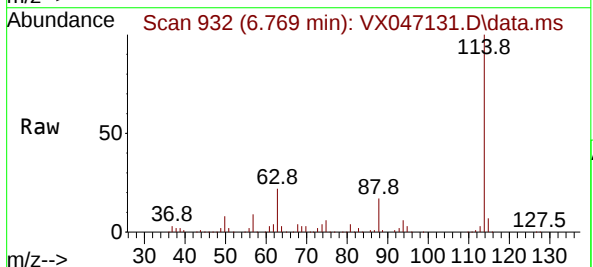
Manual Integrations
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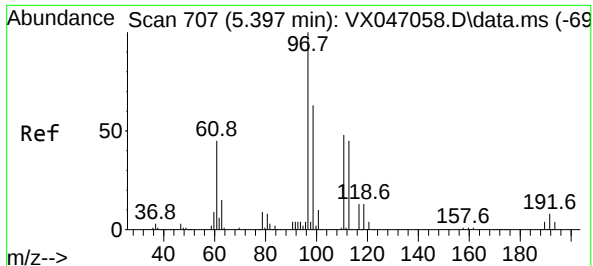
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX047131.D
 Acq: 25 Jul 2025 10:50

Tgt Ion:114 Resp: 490660
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.2
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.196 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tgt Ion:113 Resp: 16418

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

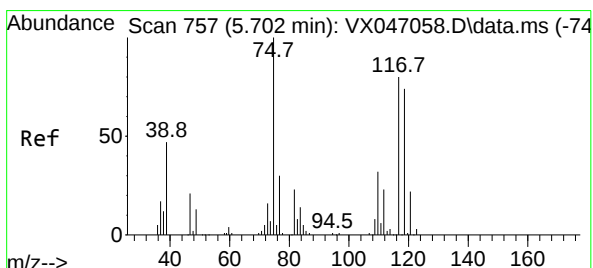
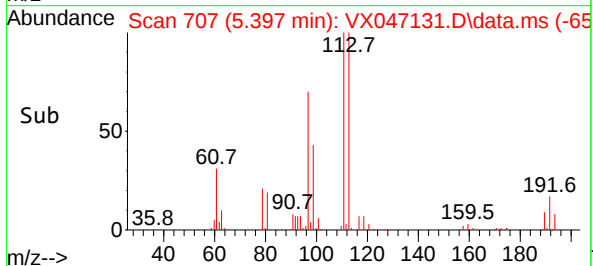
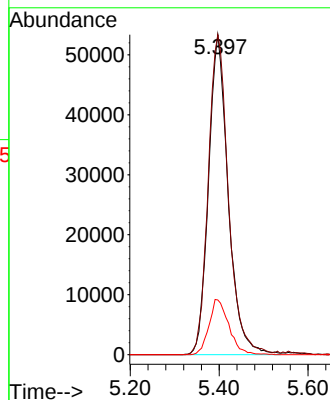
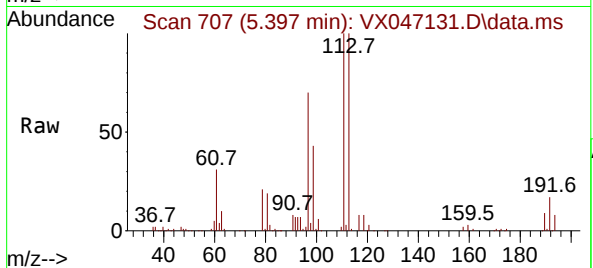
192 17.5 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#36

1,1-Dichloropropene

Concen: 19.168 ug/l

RT: 5.702 min Scan# 757

Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

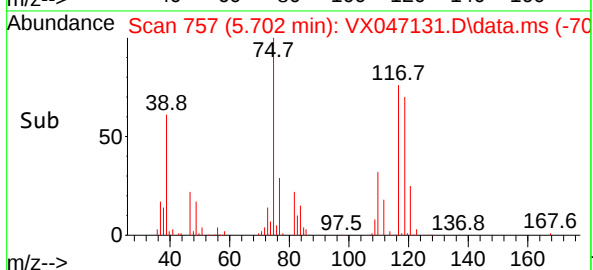
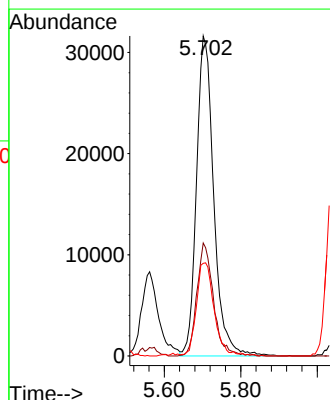
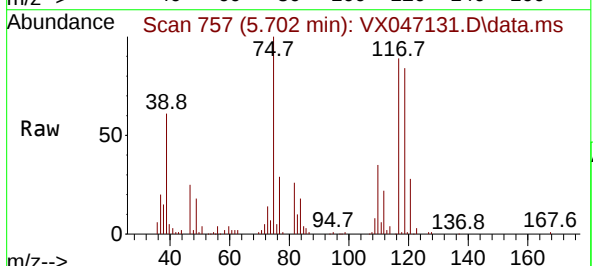
Tgt Ion: 75 Resp: 98982

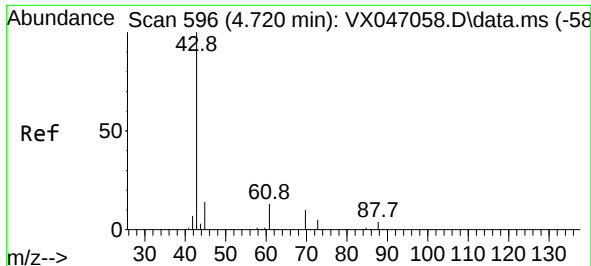
Ion Ratio Lower Upper

75 100

110 33.9 17.2 51.5

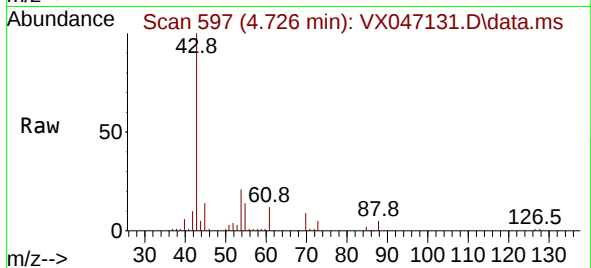
77 28.5 25.1 37.7





#37
Ethyl Acetate
Concen: 19.623 ug/l
RT: 4.726 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

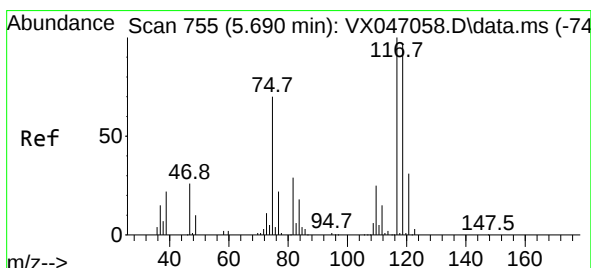
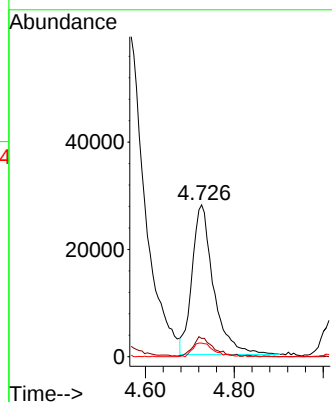
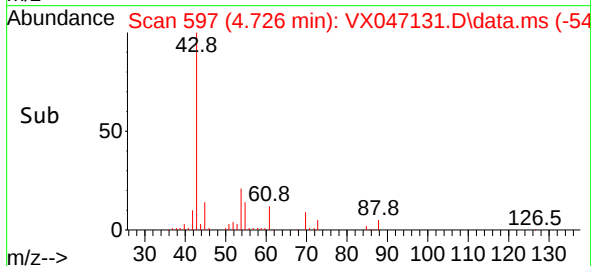
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 43 Resp: 9337
Ion Ratio Lower Upper
43 100
61 11.3 10.2 15.2
70 9.1 8.1 12.1

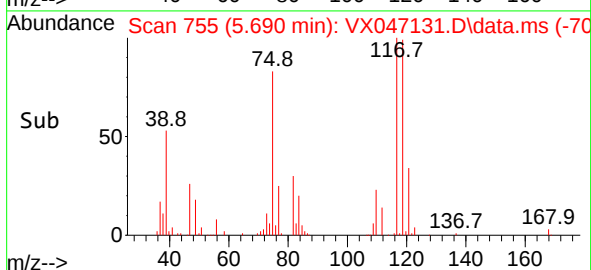
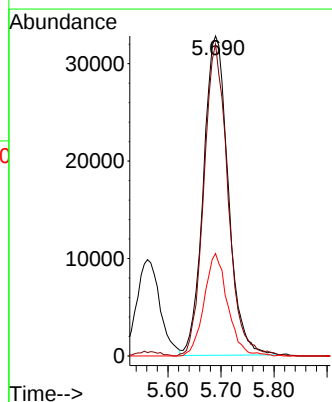
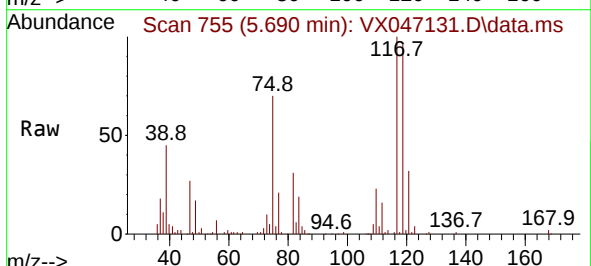
Manual Integrations
APPROVED

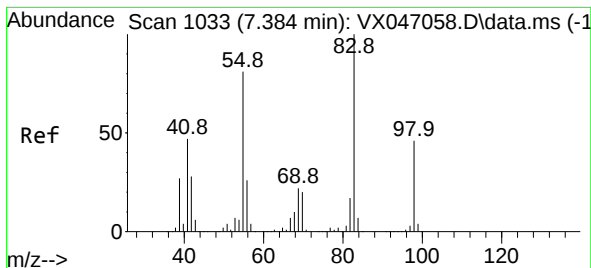
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#38
Carbon Tetrachloride
Concen: 19.330 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Tgt Ion:117 Resp: 106541
Ion Ratio Lower Upper
117 100
119 97.5 76.6 115.0
121 32.1 24.4 36.6





#39

Methylcyclohexane

Concen: 18.556 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tgt Ion: 83 Resp: 119640

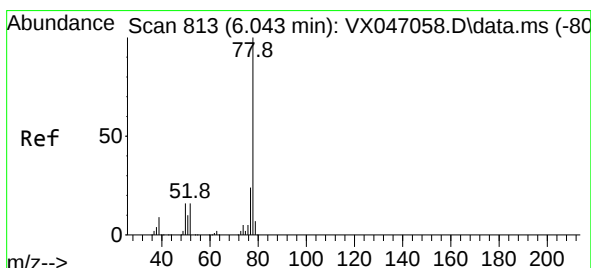
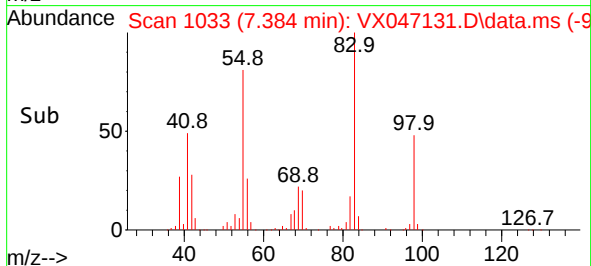
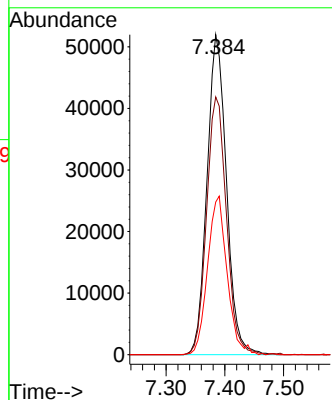
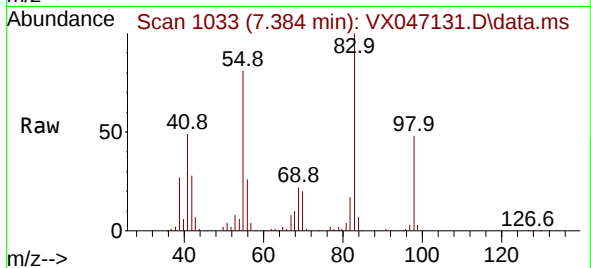
Ion	Ratio	Lower	Upper
83	100		
55	80.6	64.5	96.7
98	47.7	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#40

Benzene

Concen: 19.376 ug/l

RT: 6.049 min Scan# 814

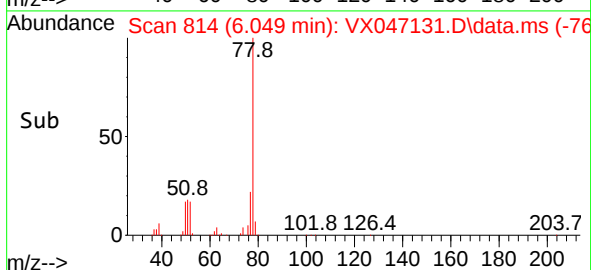
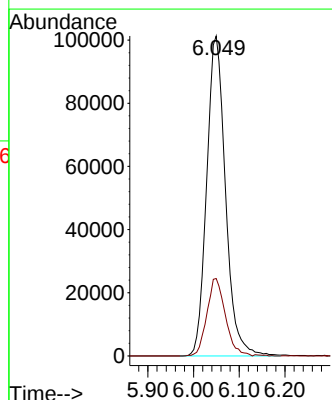
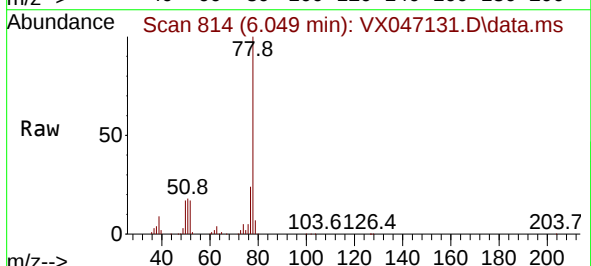
Delta R.T. 0.006 min

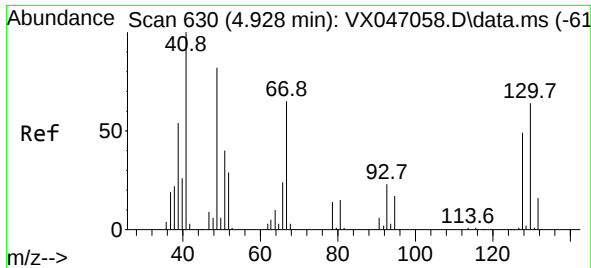
Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Tgt Ion: 78 Resp: 289568

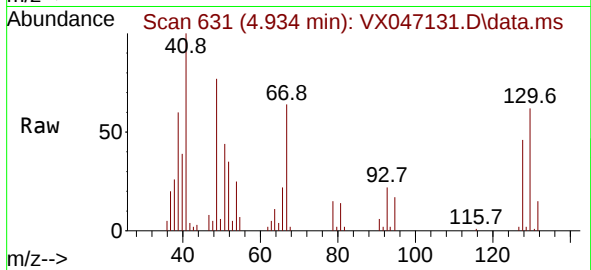
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4





#41
Methacrylonitrile
Concen: 19.641 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

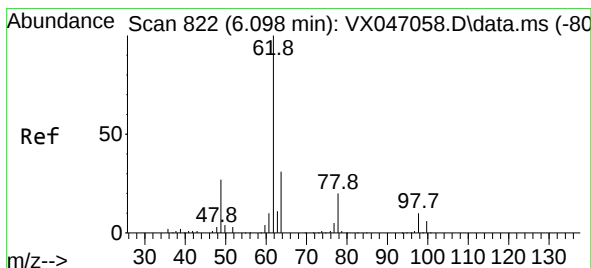
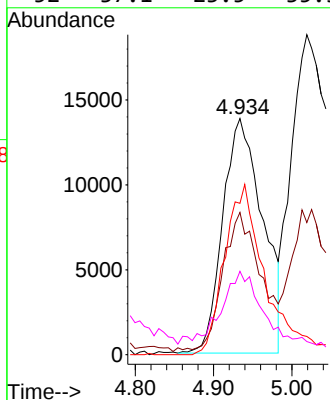
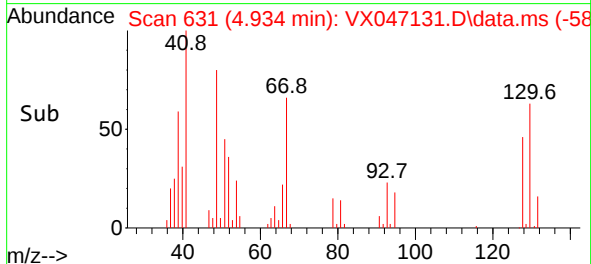
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 41 Resp: 48860
Ion Ratio Lower Upper
41 100
39 57.0 44.2 66.2
67 75.9 56.4 84.6
52 37.1 23.5 35.3#

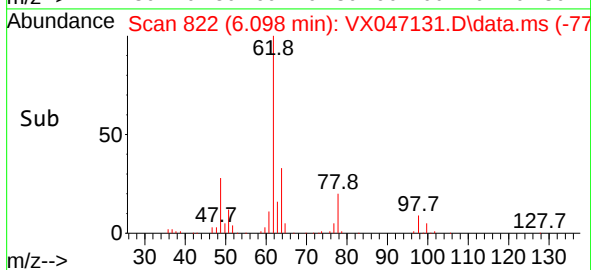
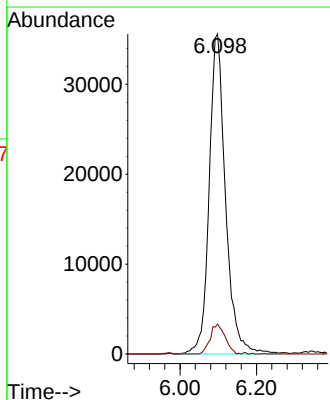
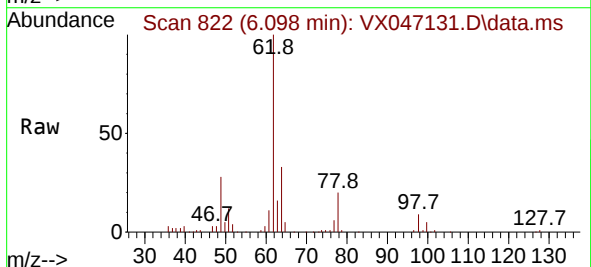
Manual Integrations
APPROVED

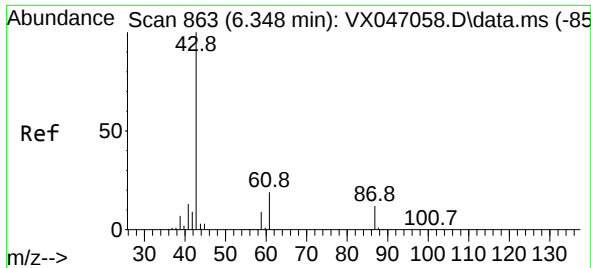
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#42
1,2-Dichloroethane
Concen: 20.076 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

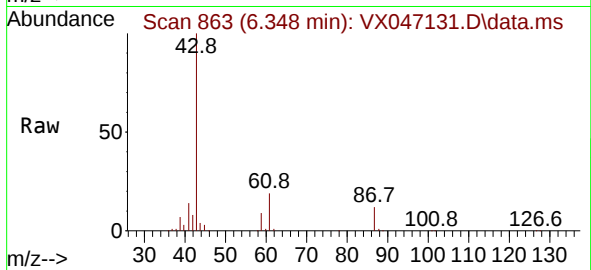
Tgt Ion: 62 Resp: 105689
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.8





#43
Isopropyl Acetate
Concen: 20.218 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

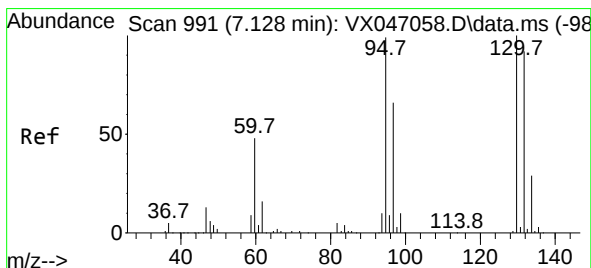
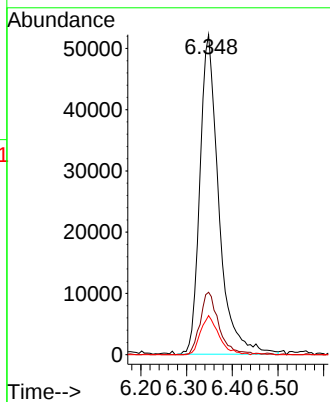
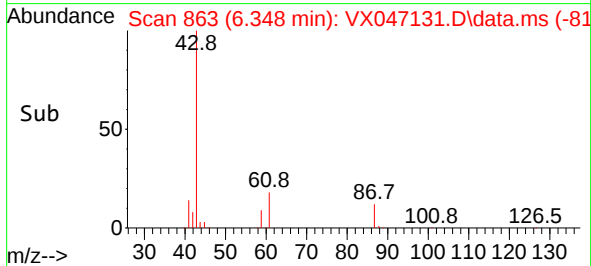
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 43 Resp: 14998
Ion Ratio Lower Upper
43 100
61 19.4 15.1 22.7
87 11.9 9.7 14.5

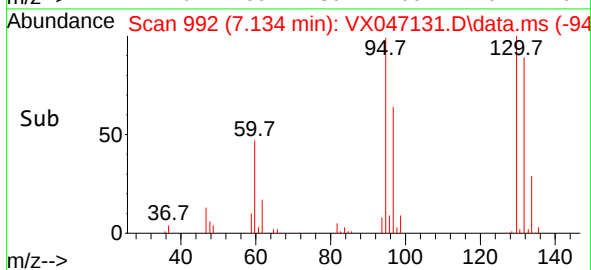
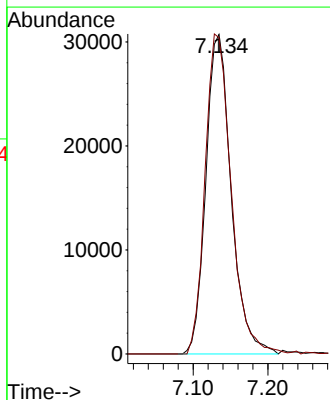
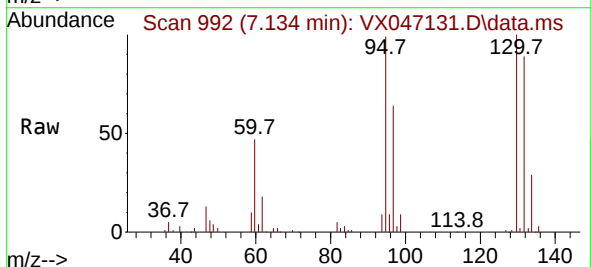
Manual Integrations
APPROVED

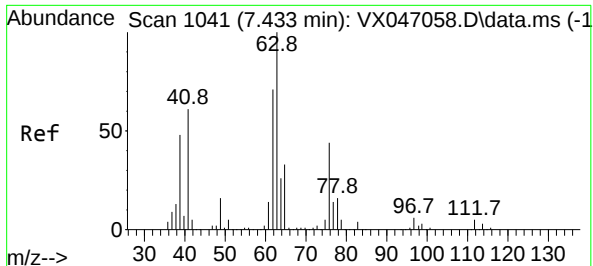
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#44
Trichloroethene
Concen: 18.886 ug/l
RT: 7.134 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Tgt Ion:130 Resp: 72379
Ion Ratio Lower Upper
130 100
95 99.0 0.0 198.6





#45

1,2-Dichloropropane

Concen: 19.349 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tgt Ion: 63 Resp: 7242

Ion Ratio Lower Upper

63 100

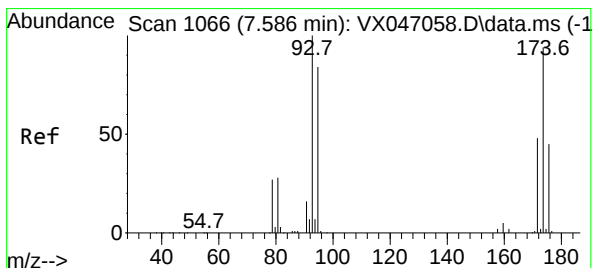
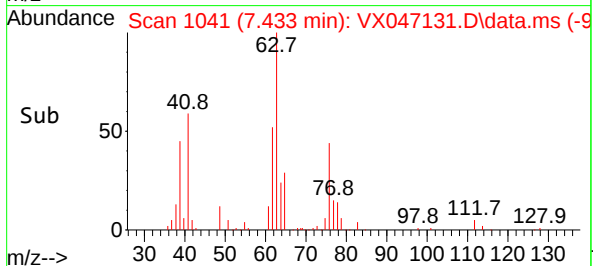
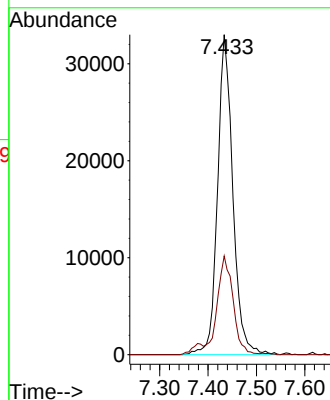
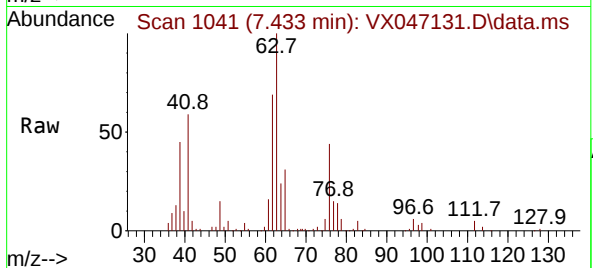
65 30.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#46

Dibromomethane

Concen: 19.859 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

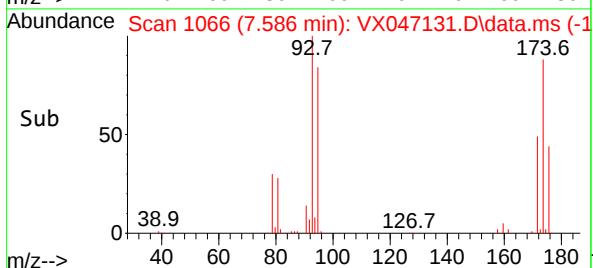
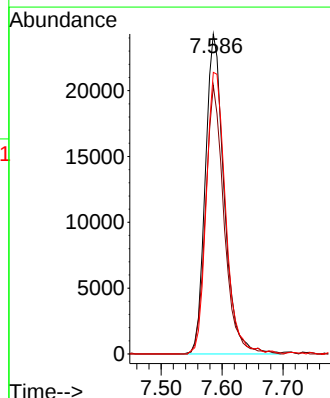
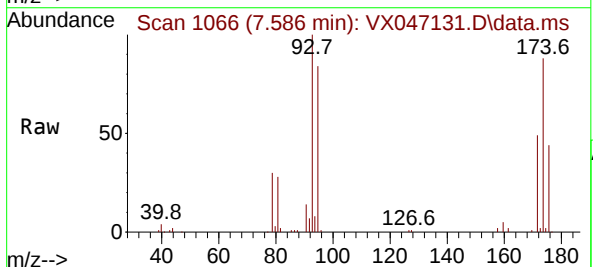
Tgt Ion: 93 Resp: 52126

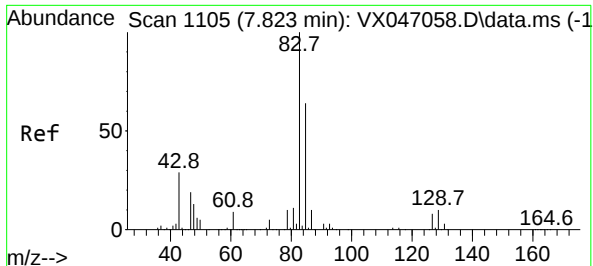
Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

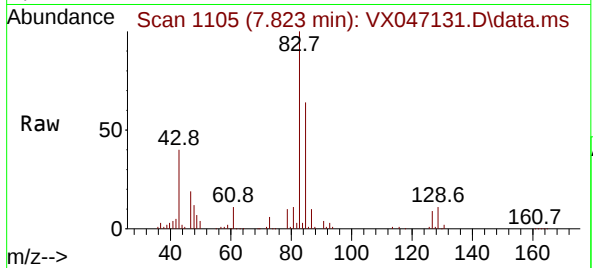
174 90.1 74.6 112.0





#47
Bromodichloromethane
Concen: 20.111 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

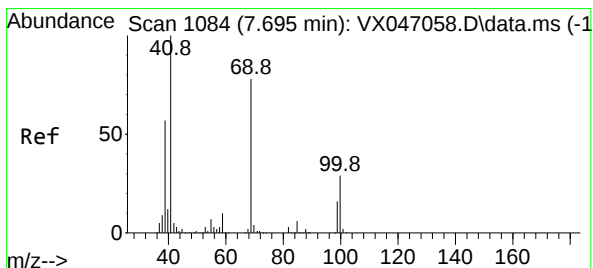
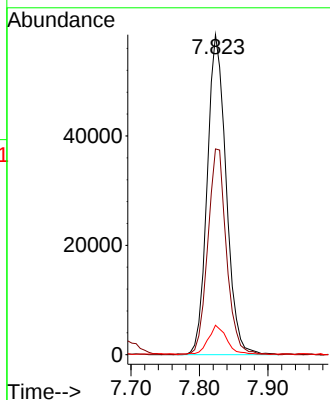
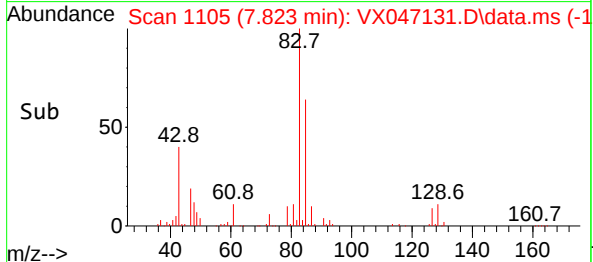
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 83 Resp: 112358
Ion Ratio Lower Upper
83 100
85 64.3 49.9 74.9
127 9.2 6.6 10.0

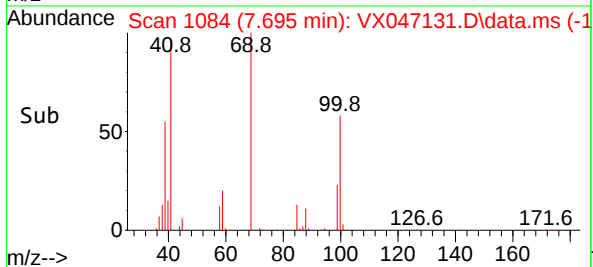
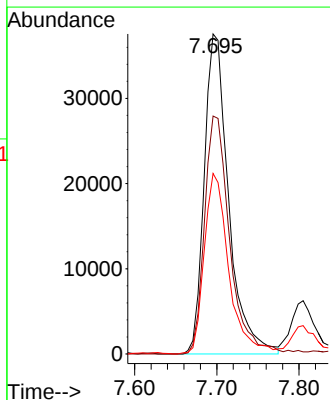
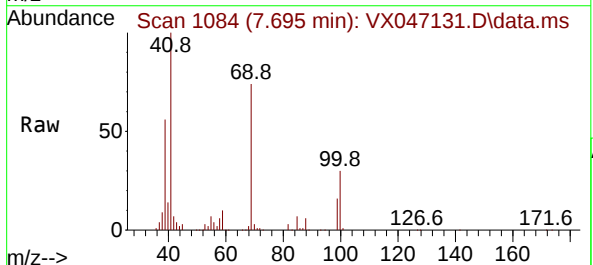
Manual Integrations
APPROVED

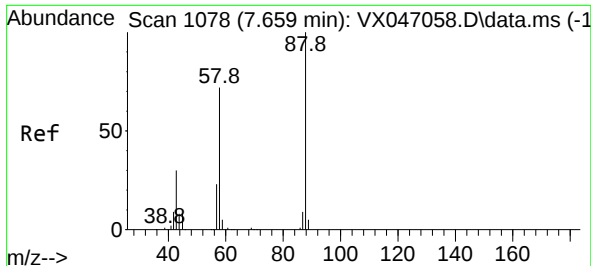
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#48
Methyl methacrylate
Concen: 19.187 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

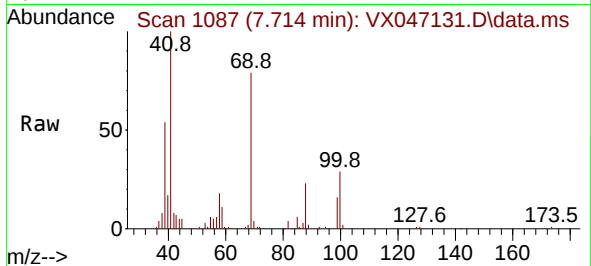
Tgt Ion: 41 Resp: 77538
Ion Ratio Lower Upper
41 100
69 76.5 62.3 93.5
39 56.6 44.8 67.2





#49
1,4-Dioxane
Concen: 410.456 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.055 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

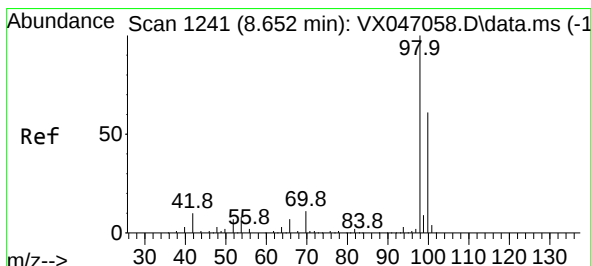
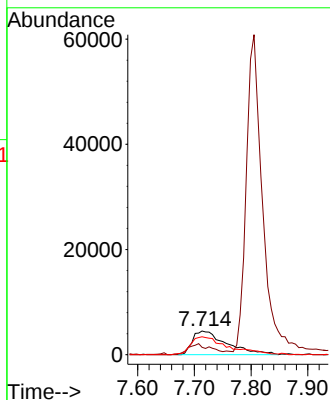
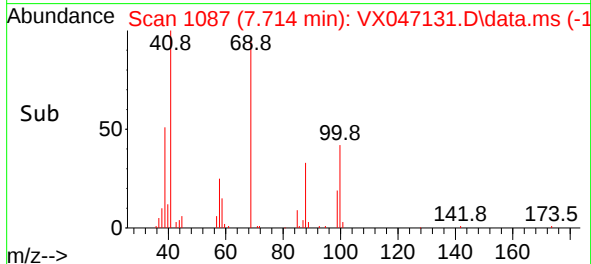
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 88 Resp: 18860
Ion Ratio Lower Upper
88 100
43 33.0 33.6 50.4
58 81.9 58.8 88.2

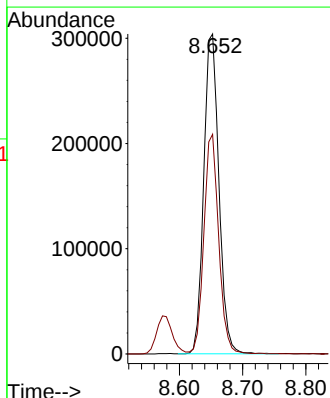
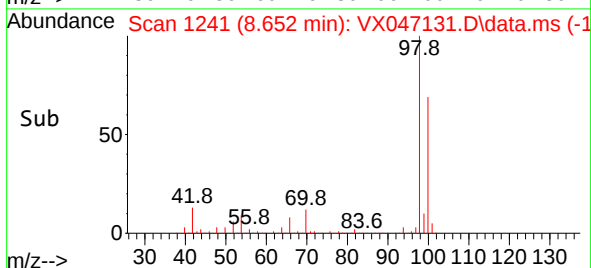
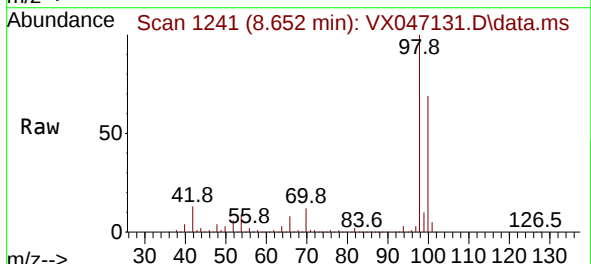
Manual Integrations
APPROVED

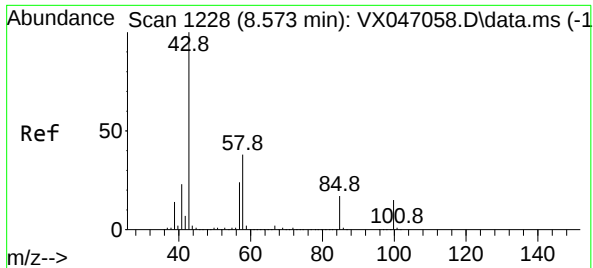
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#50
Toluene-d8
Concen: 51.740 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

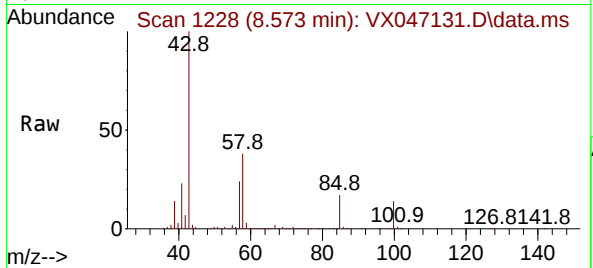
Tgt Ion: 98 Resp: 507623
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 102.361 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

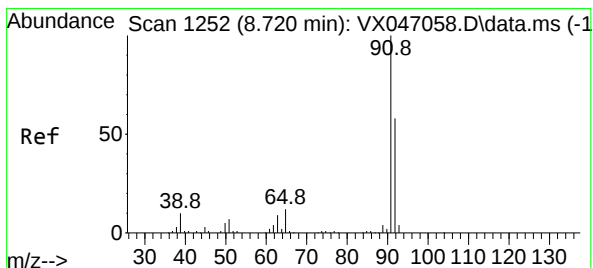
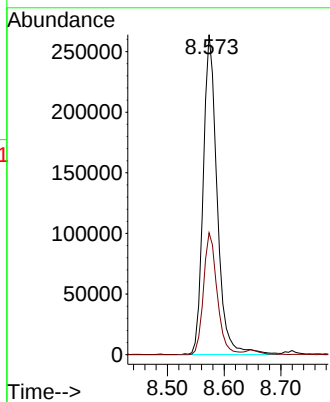
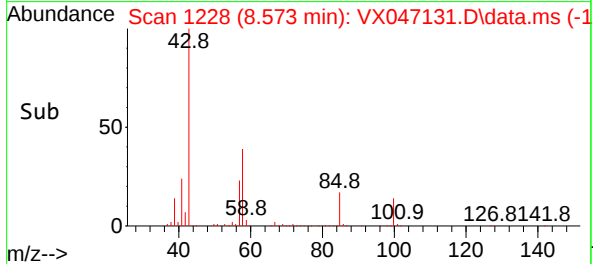
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 43 Resp: 451340
Ion Ratio Lower Upper
43 100
58 37.3 30.6 45.8

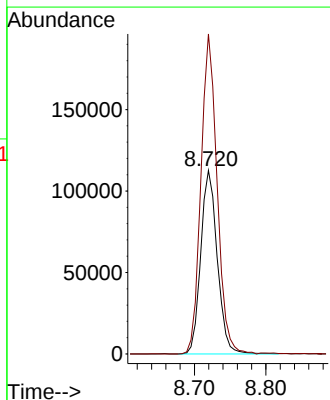
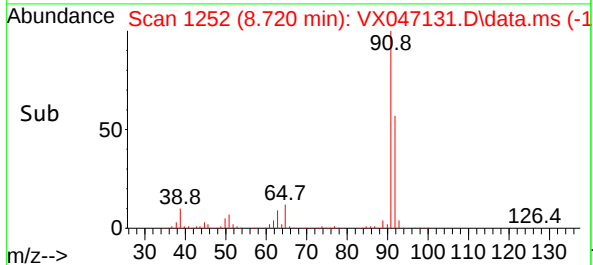
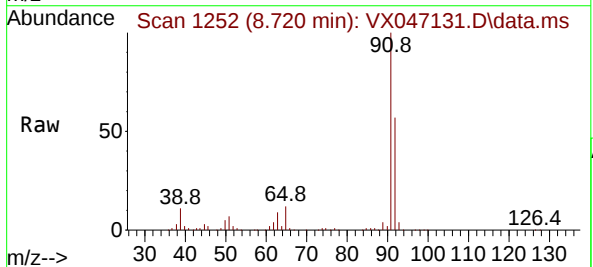
Manual Integrations
APPROVED

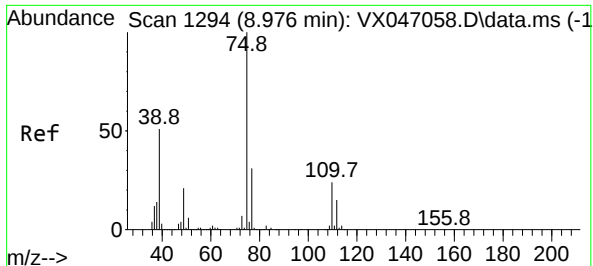
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#52
Toluene
Concen: 19.670 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

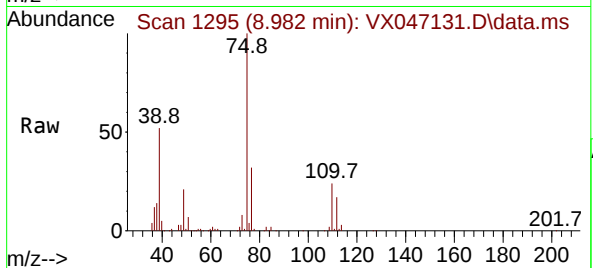
Tgt Ion: 92 Resp: 180750
Ion Ratio Lower Upper
92 100
91 170.7 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 19.094 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

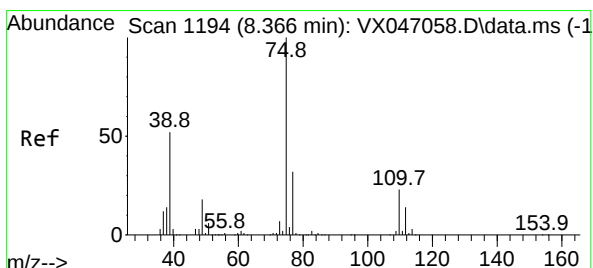
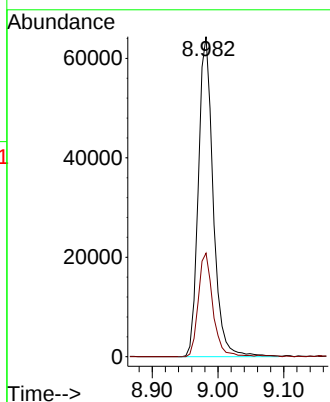
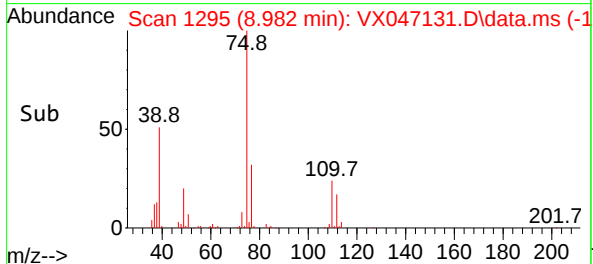
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 75 Resp: 100735
Ion Ratio Lower Upper
75 100
77 32.4 24.5 36.7

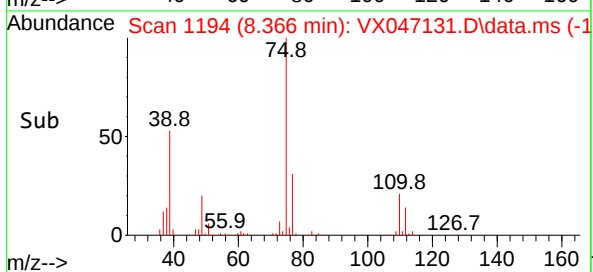
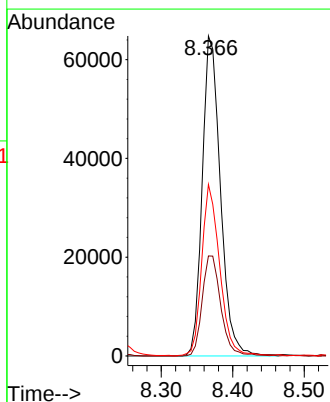
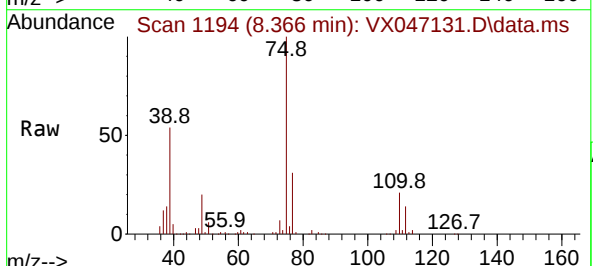
Manual Integrations
APPROVED

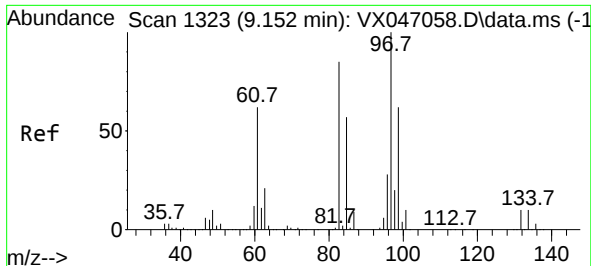
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#54
cis-1,3-Dichloropropene
Concen: 19.850 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

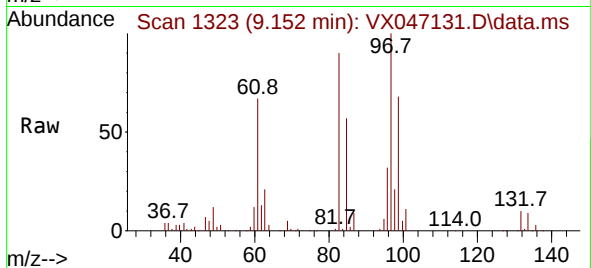
Tgt Ion: 75 Resp: 114622
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 52.0 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 19.557 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

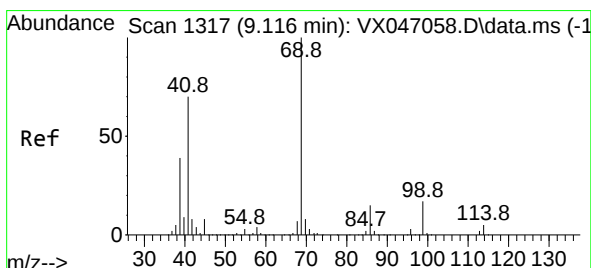
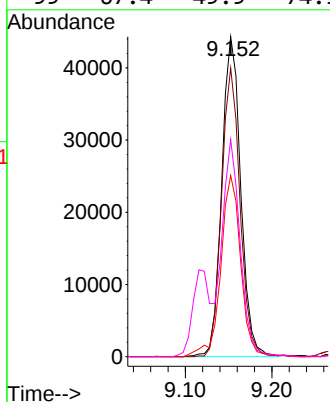
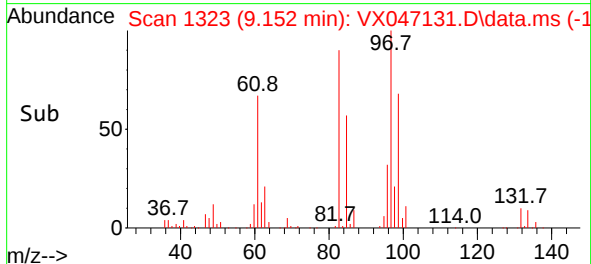
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



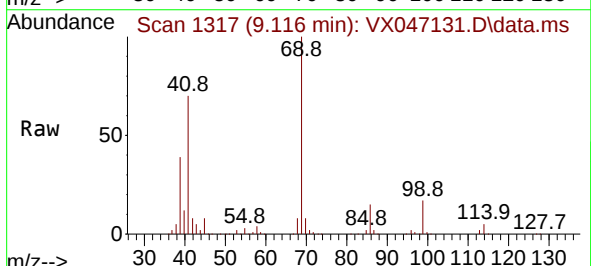
Tgt Ion: 97 Resp: 67398
Ion Ratio Lower Upper
97 100
83 90.2 68.0 102.0
85 56.6 45.2 67.8
99 67.4 49.9 74.9

Manual Integrations
APPROVED

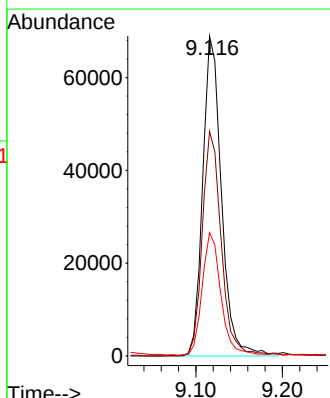
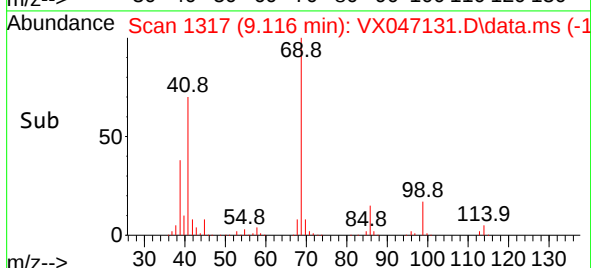
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

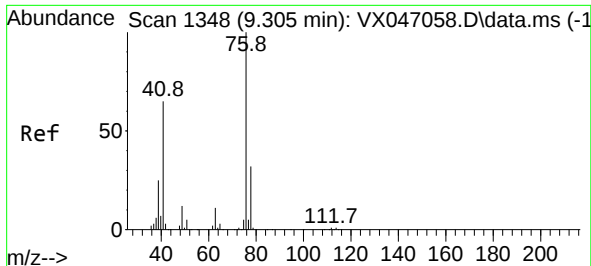


#56
Ethyl methacrylate
Concen: 20.351 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50



Tgt Ion: 69 Resp: 103828
Ion Ratio Lower Upper
69 100
41 71.5 56.1 84.1
39 37.9 31.1 46.7





#57

1,3-Dichloropropane

Concen: 19.949 ug/l

RT: 9.311 min Scan# 11948

Delta R.T. 0.006 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tgt Ion: 76 Resp: 11948

Ion Ratio Lower Upper

76 100

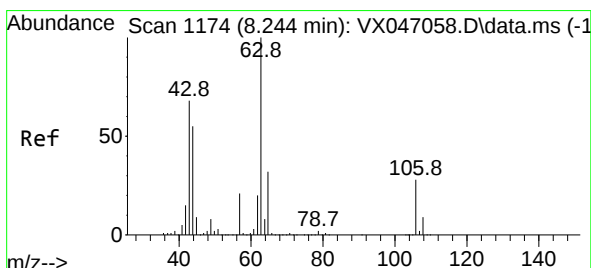
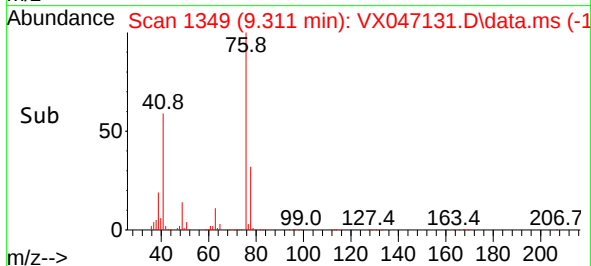
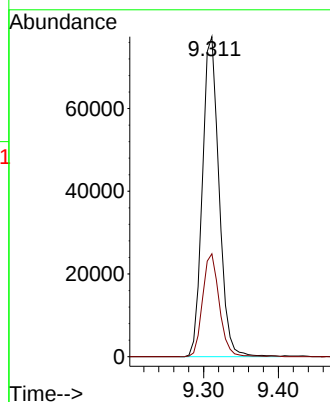
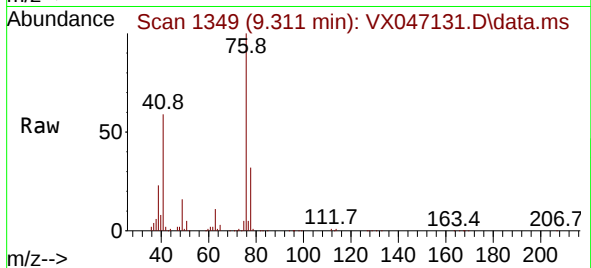
78 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 83.944 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX047131.D

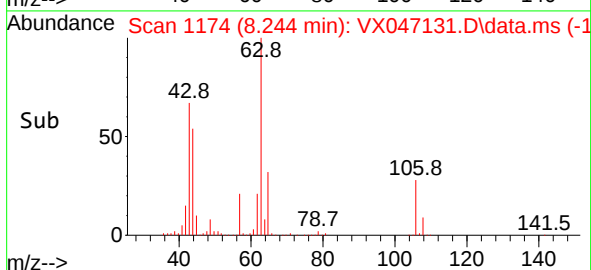
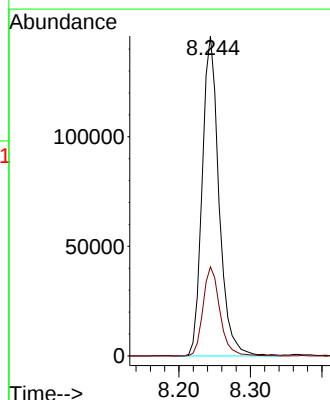
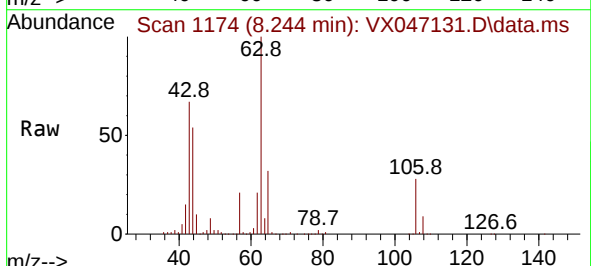
Acq: 25 Jul 2025 10:50

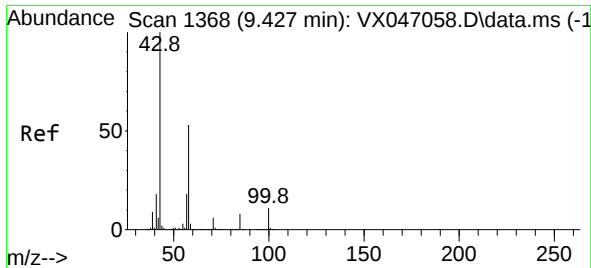
Tgt Ion: 63 Resp: 238315

Ion Ratio Lower Upper

63 100

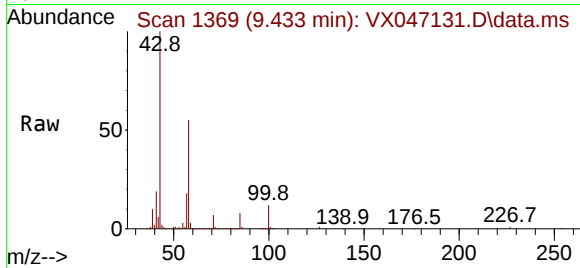
106 28.0 22.2 33.4





#59
2-Hexanone
Concen: 106.813 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

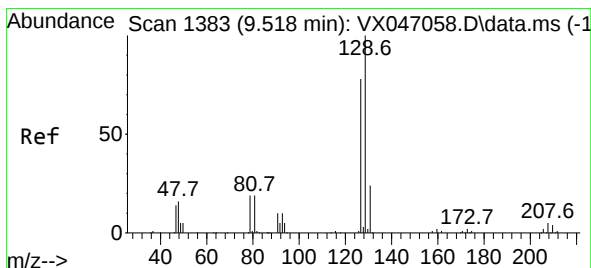
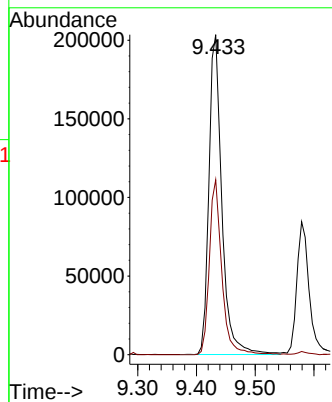
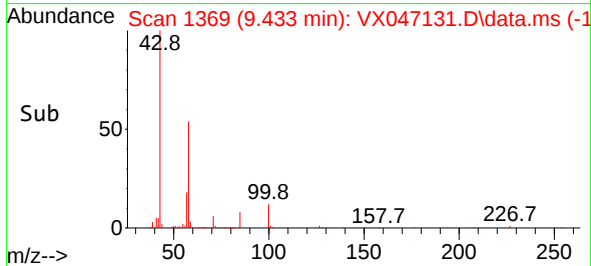
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 43 Resp: 31116
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.5

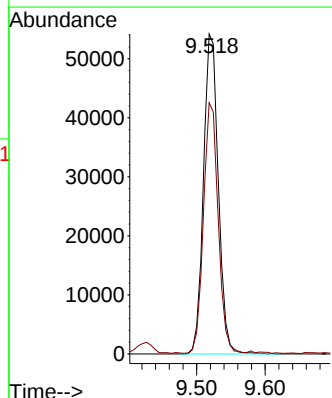
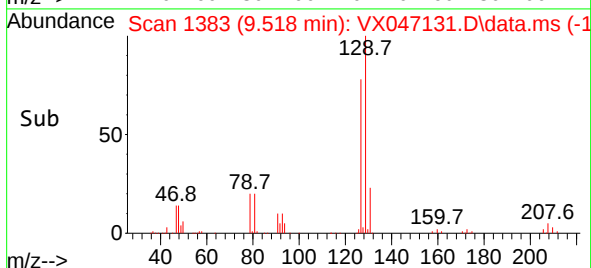
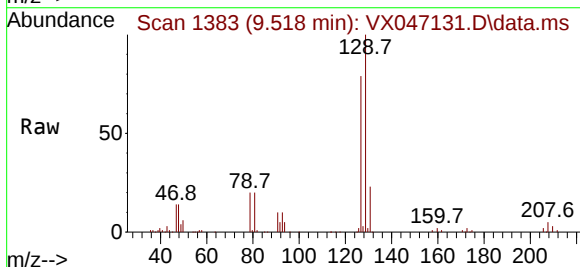
Manual Integrations
APPROVED

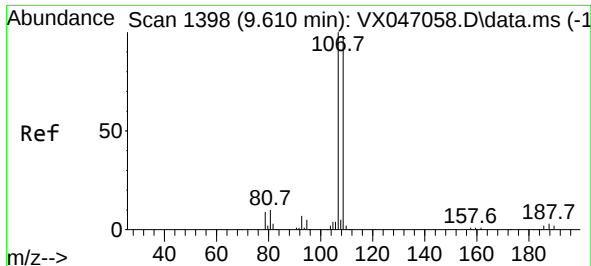
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#60
Dibromochloromethane
Concen: 20.215 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

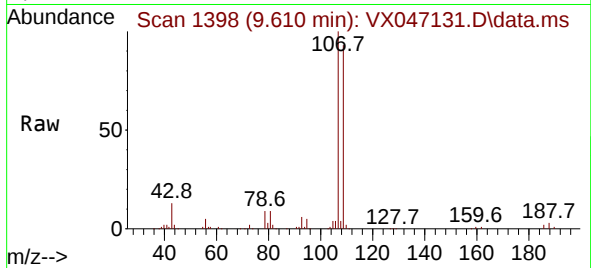
Tgt Ion:129 Resp: 81704
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.004 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

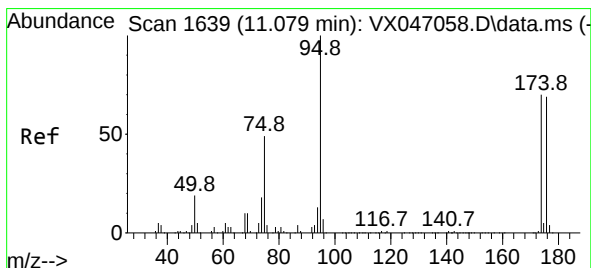
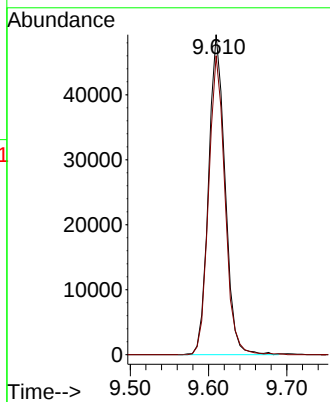
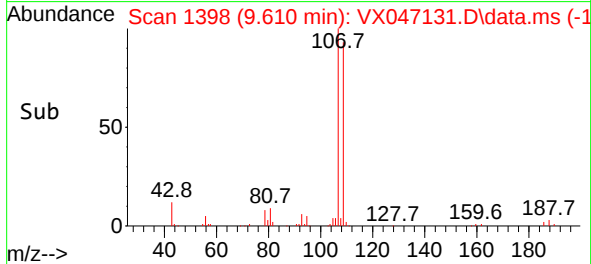
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



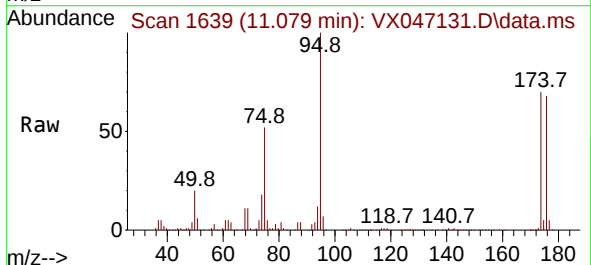
Tgt Ion:107 Resp: 72083
Ion Ratio Lower Upper
107 100
109 92.4 74.6 112.0

Manual Integrations
APPROVED

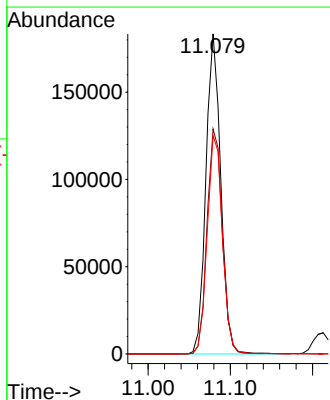
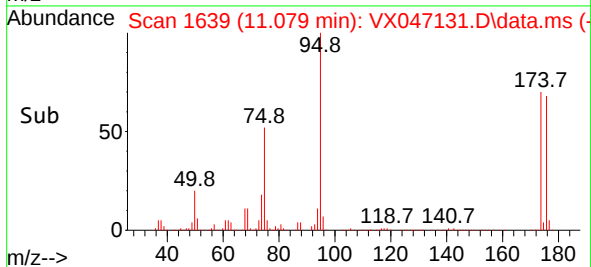
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

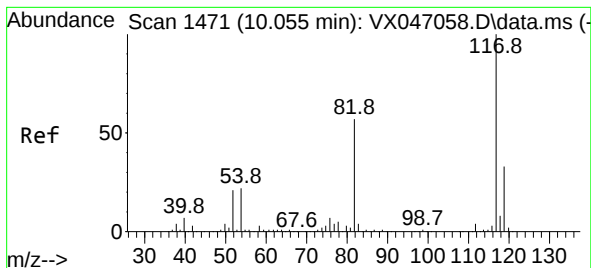


#62
4-Bromofluorobenzene
Concen: 54.233 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50



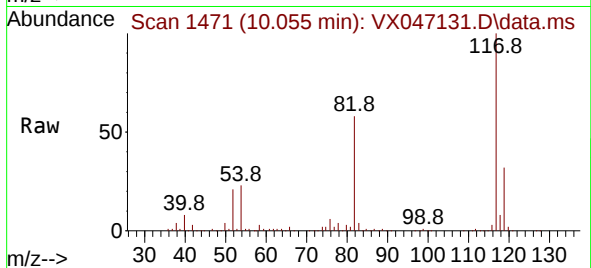
Tgt Ion: 95 Resp: 229294
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.6
176 69.8 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

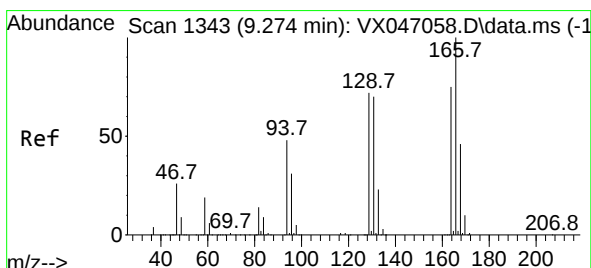
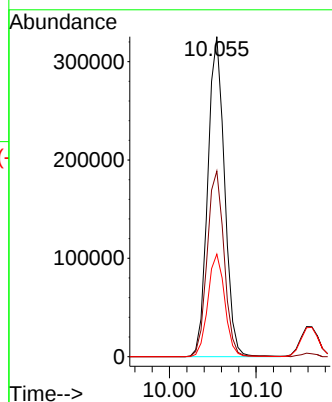
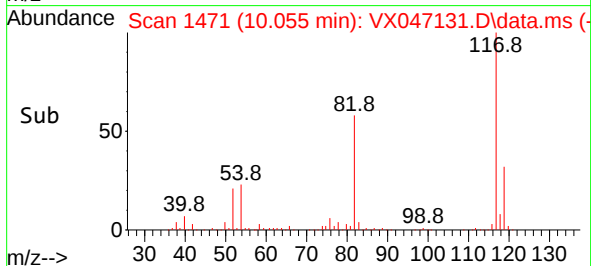
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion:117 Resp: 437690
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.2
119 32.0 26.1 39.1

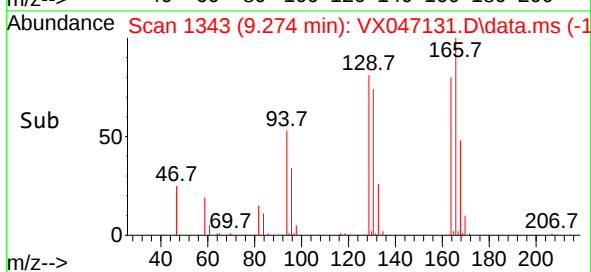
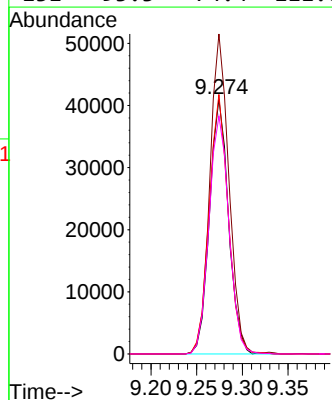
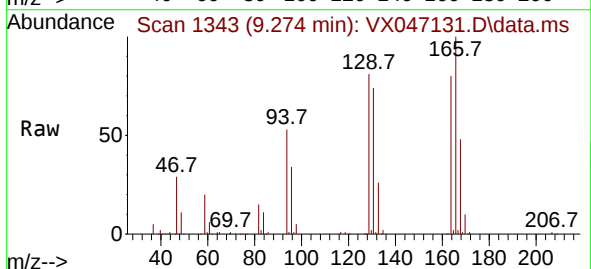
Manual Integrations
APPROVED

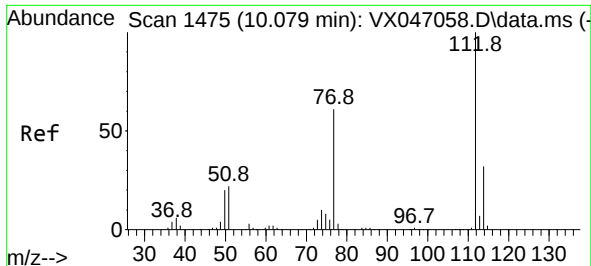
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#64
Tetrachloroethene
Concen: 18.781 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Tgt Ion:164 Resp: 59260
Ion Ratio Lower Upper
164 100
166 125.6 106.2 159.4
129 101.8 76.6 114.8
131 93.3 74.4 111.6





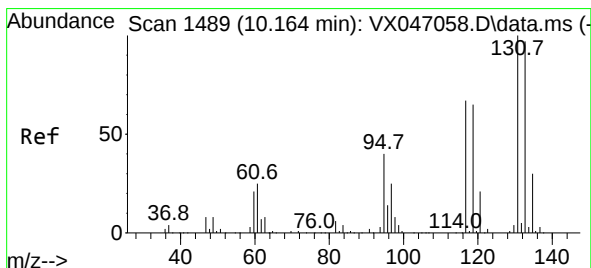
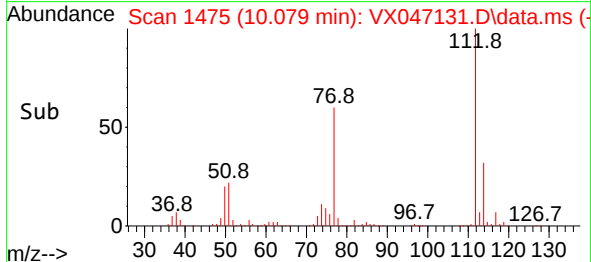
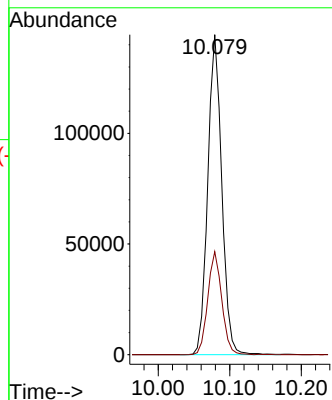
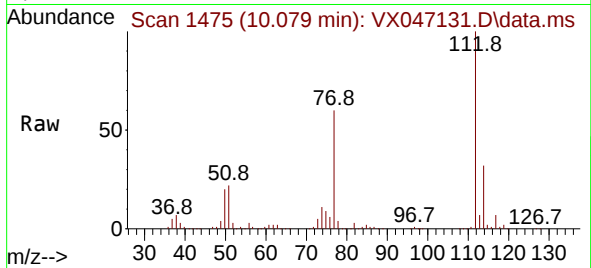
#65
Chlorobenzene
Concen: 19.165 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tgt Ion:112 Resp: 196510
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

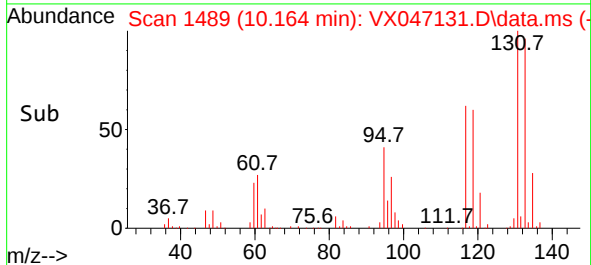
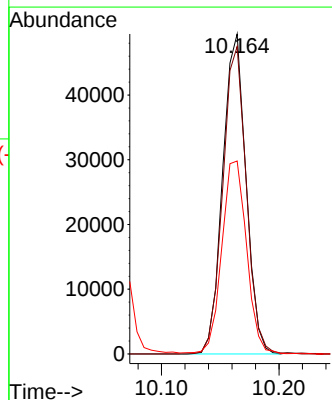
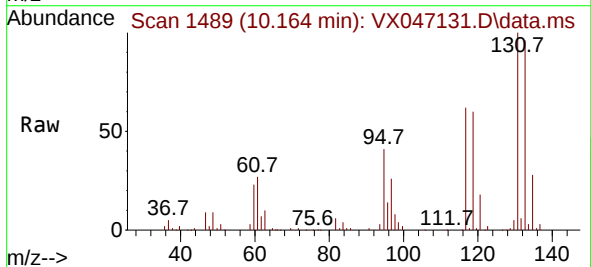
Manual Integrations
APPROVED

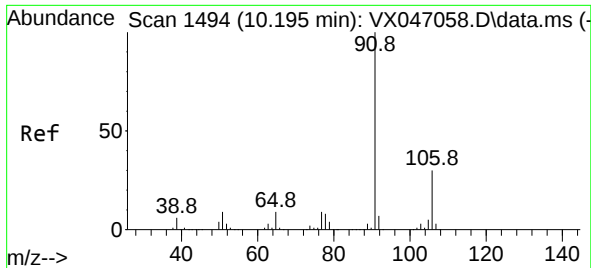
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.734 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

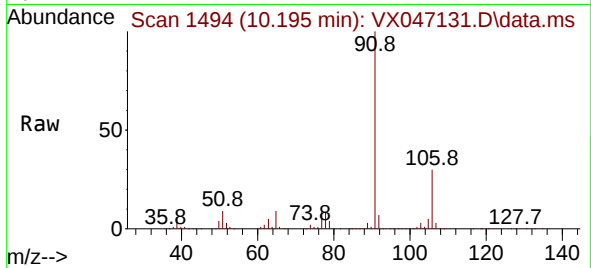
Tgt Ion:131 Resp: 68126
Ion Ratio Lower Upper
131 100
133 97.0 48.4 145.3
119 64.0 32.4 97.0





#67
Ethyl Benzene
Concen: 19.468 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

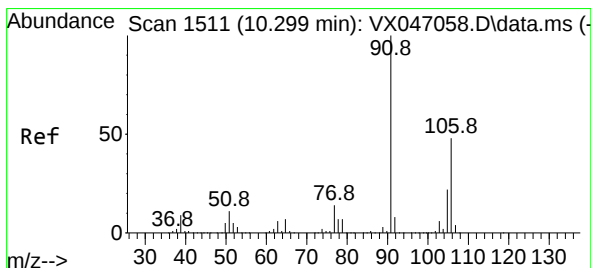
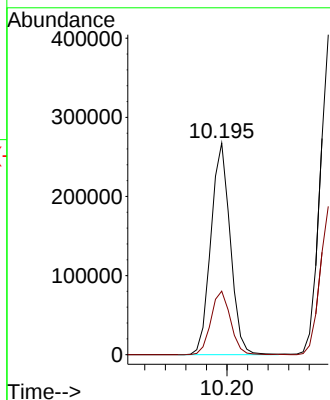
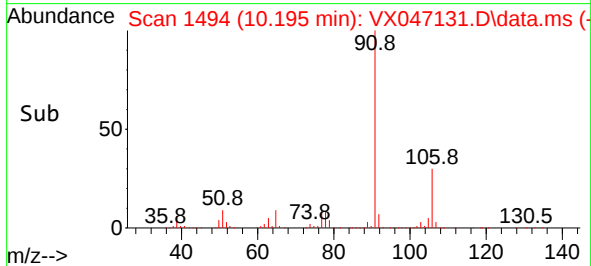
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 91 Resp: 349020
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4

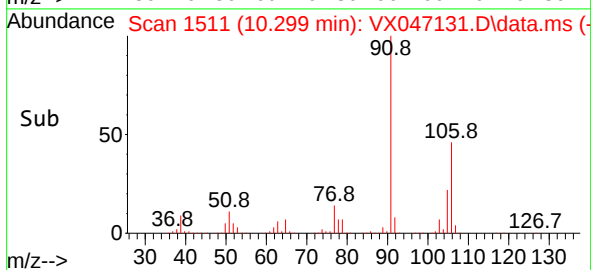
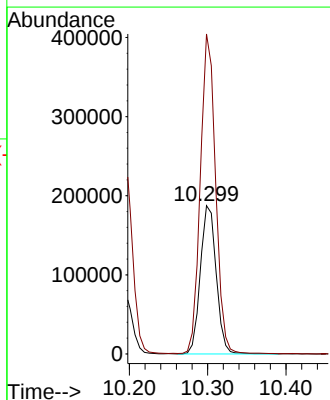
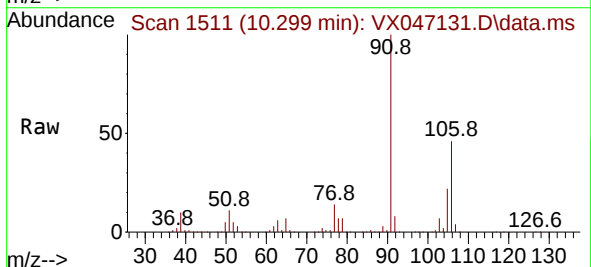
Manual Integrations
APPROVED

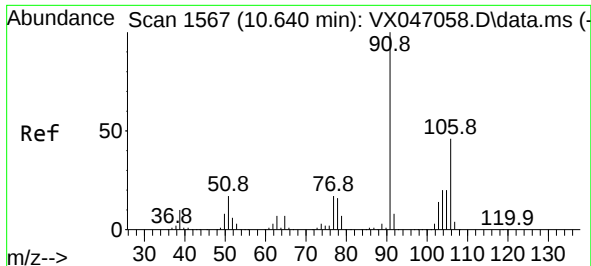
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#68
m/p-Xylenes
Concen: 39.297 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Tgt Ion:106 Resp: 263647
Ion Ratio Lower Upper
106 100
91 208.6 167.4 251.0





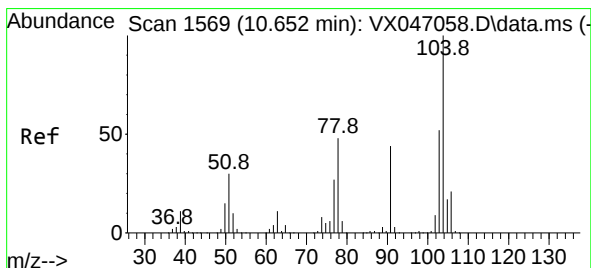
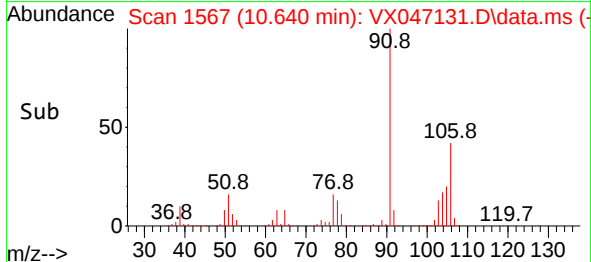
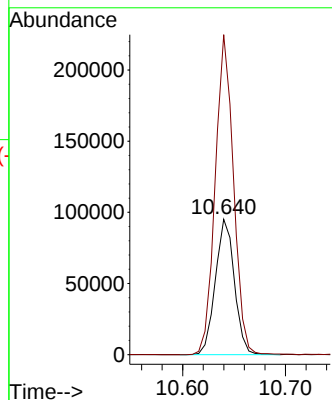
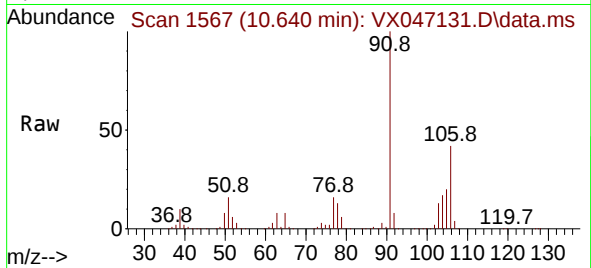
#69
o-Xylene
Concen: 19.167 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tgt Ion:106 Resp: 122330
Ion Ratio Lower Upper
106 100
91 227.5 110.3 331.0

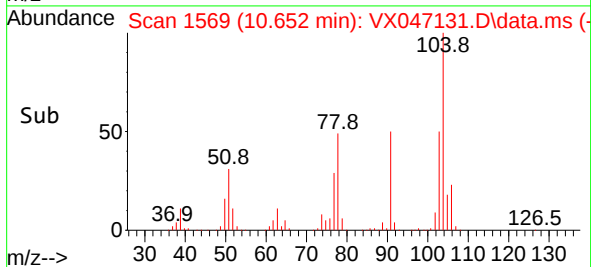
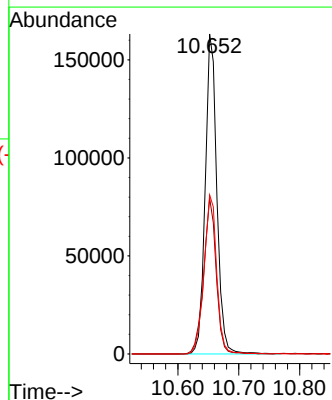
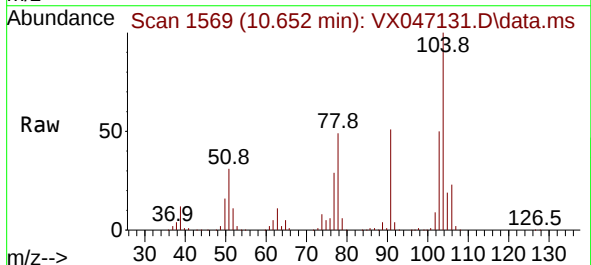
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#70
Styrene
Concen: 19.870 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Tgt Ion:104 Resp: 217459
Ion Ratio Lower Upper
104 100
78 52.5 42.0 63.0
103 54.4 43.8 65.6





#71

Bromoform

Concen: 19.793 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

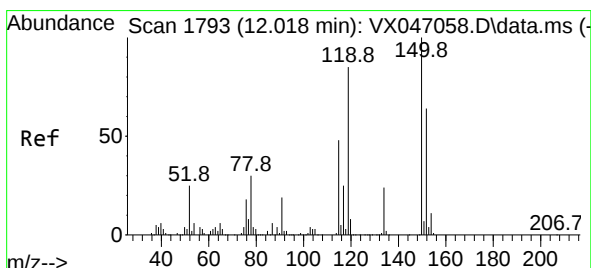
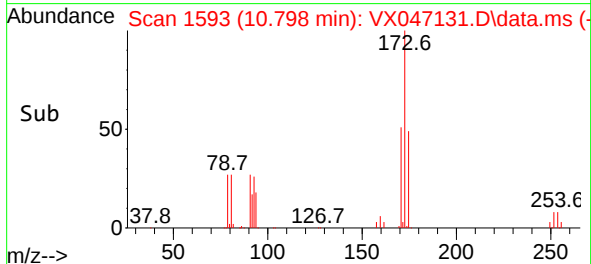
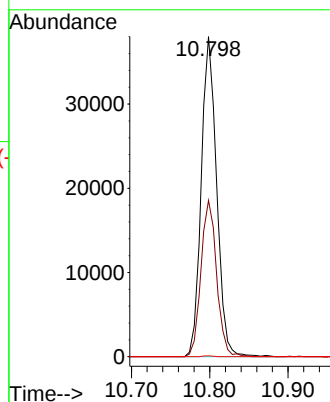
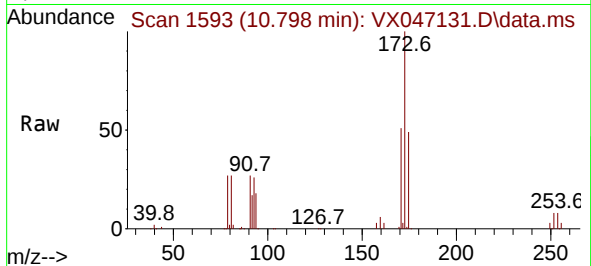
Tgt Ion:173 Resp: 5190
 Ion Ratio Lower Upper
 173 100
 175 49.5 24.2 72.6
 254 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

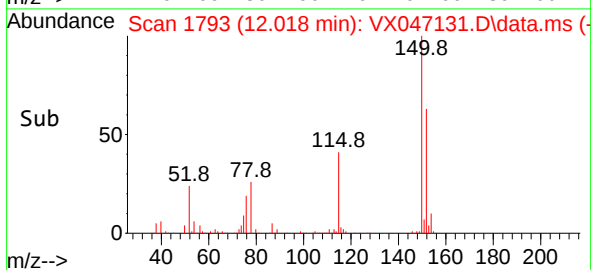
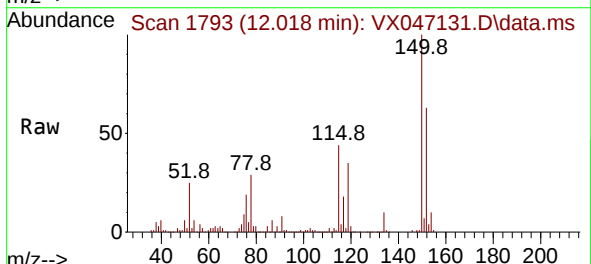
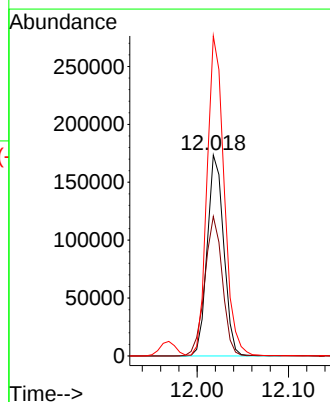
RT: 12.018 min Scan# 1793

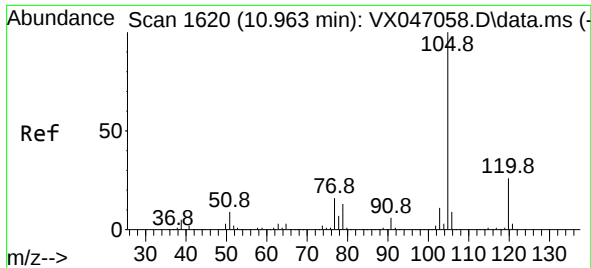
Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

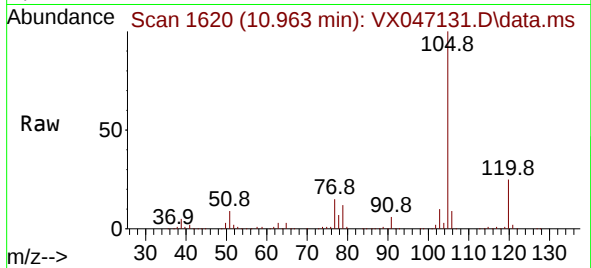
Tgt Ion:152 Resp: 217121
 Ion Ratio Lower Upper
 152 100
 115 74.1 45.6 136.7
 150 164.5 0.0 354.6





#73
Isopropylbenzene
Concen: 19.797 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

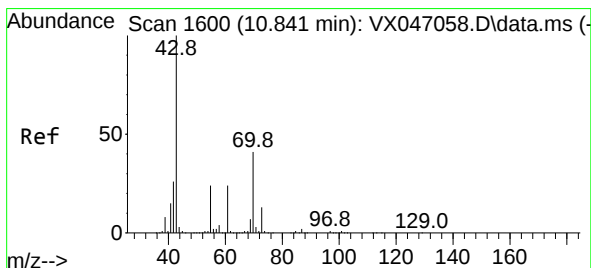
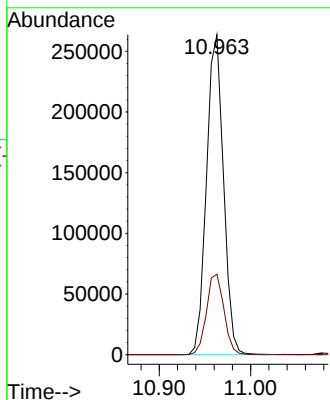
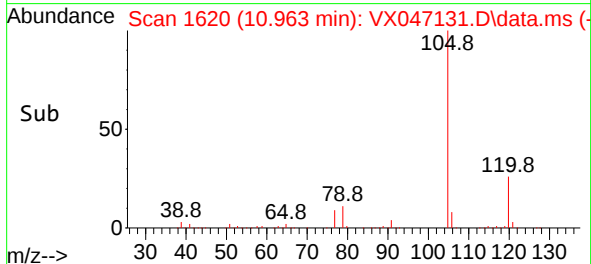
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



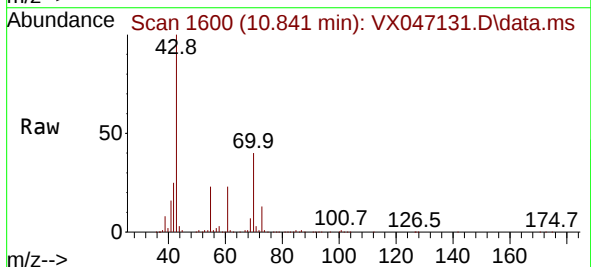
Tgt Ion:105 Resp: 33912
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7

Manual Integrations
APPROVED

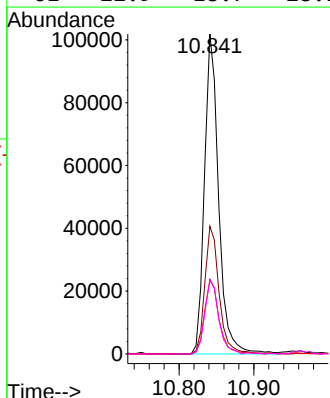
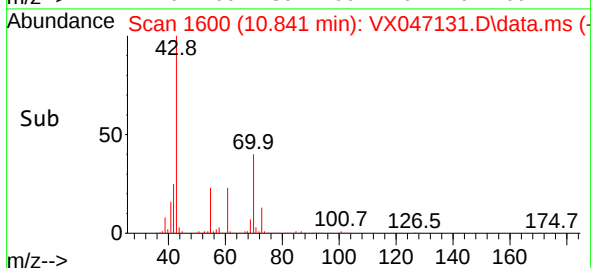
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

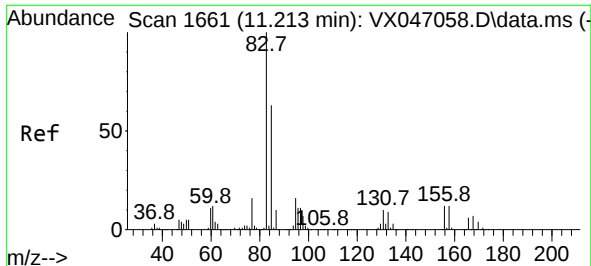


#74
N-ethyl acetate
Concen: 19.419 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50



Tgt Ion: 43 Resp: 134216
Ion Ratio Lower Upper
43 100
70 40.4 32.3 48.5
55 23.8 18.9 28.3
61 22.9 18.7 28.1





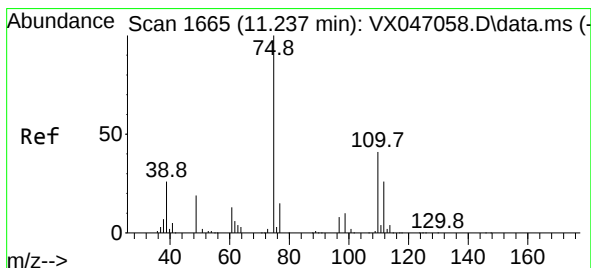
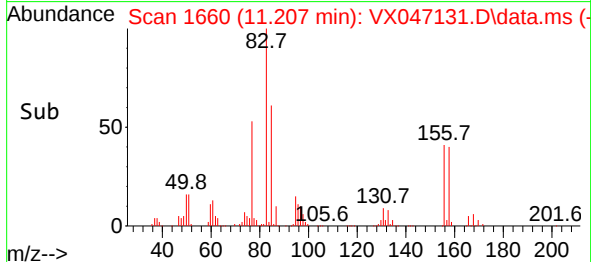
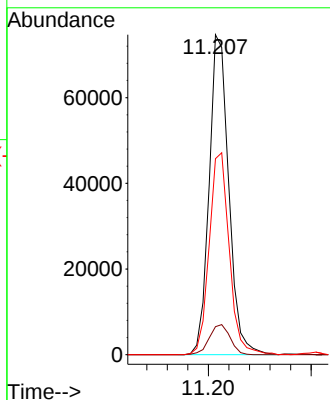
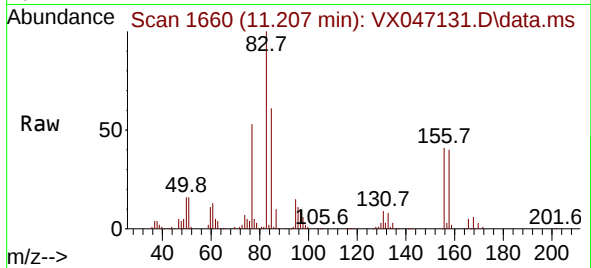
#75
1,1,2,2-Tetrachloroethane
Concen: 20.251 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01

Tgt Ion: 83 Resp: 9908
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.6 32.0 96.2

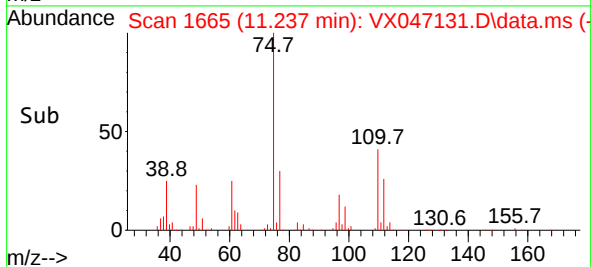
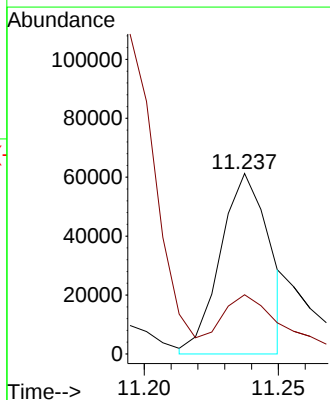
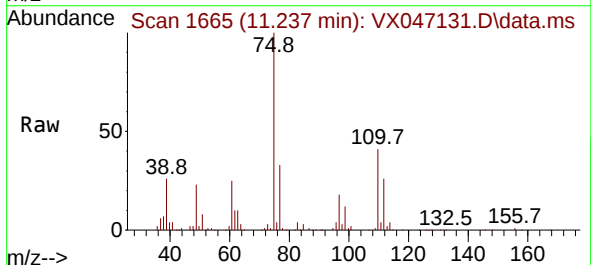
Manual Integrations
APPROVED

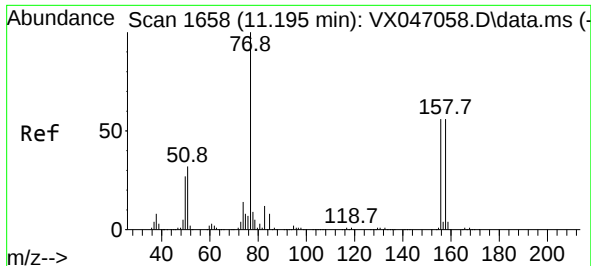
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#76
1,2,3-Trichloropropane
Concen: 19.362 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

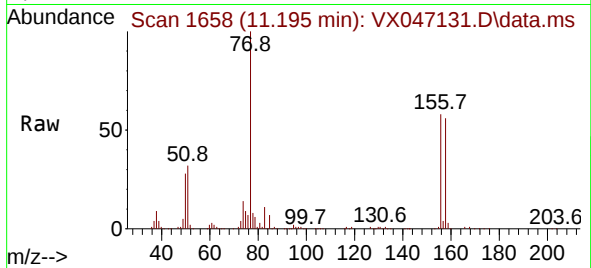
Tgt Ion: 75 Resp: 77812
Ion Ratio Lower Upper
75 100
77 42.2 21.6 65.0





#77
Bromobenzene
Concen: 19.514 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

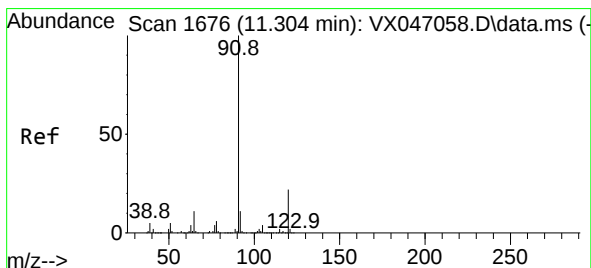
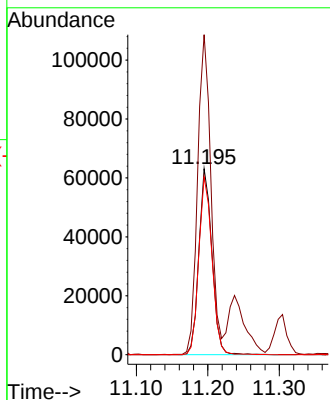
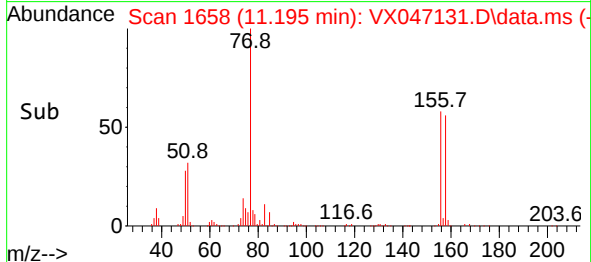
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion:156 Resp: 8017
Ion Ratio Lower Upper
156 100
77 174.2 87.3 261.9
158 96.9 48.9 146.6

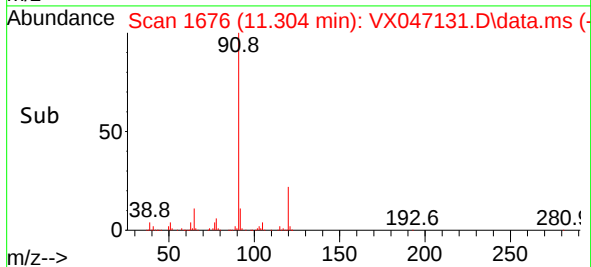
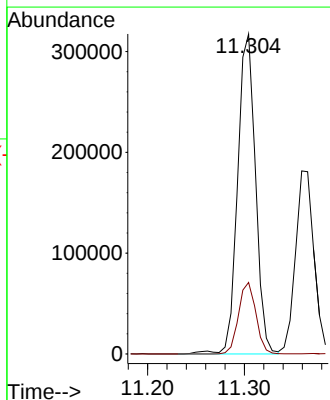
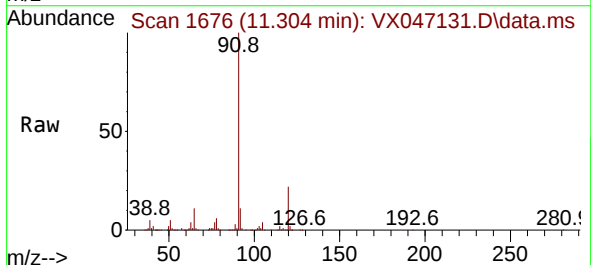
Manual Integrations
APPROVED

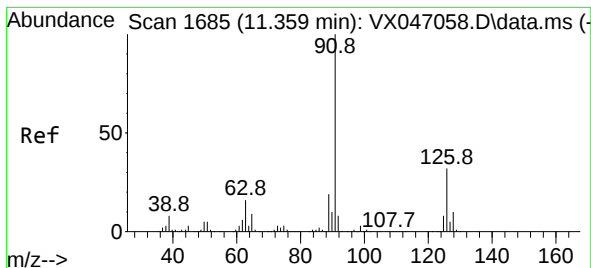
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#78
n-propylbenzene
Concen: 19.978 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

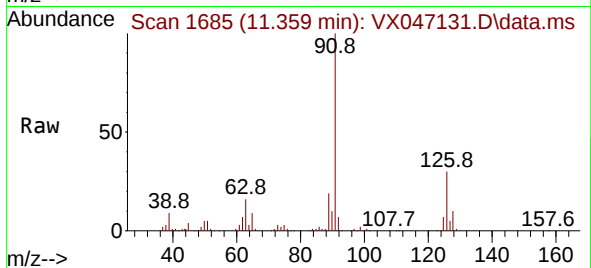
Tgt Ion: 91 Resp: 408943
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0





#79
2-Chlorotoluene
Concen: 19.786 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

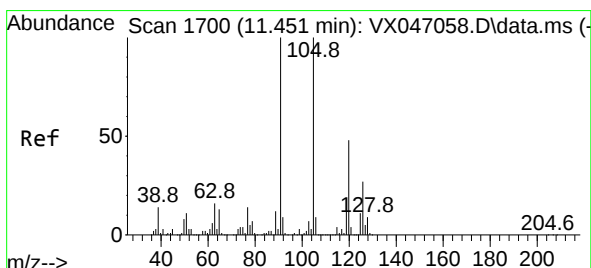
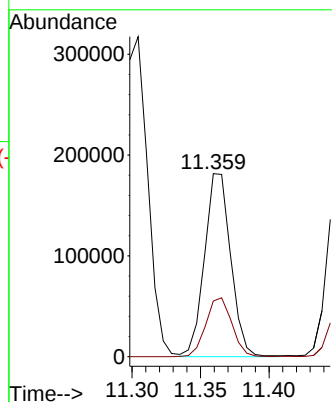
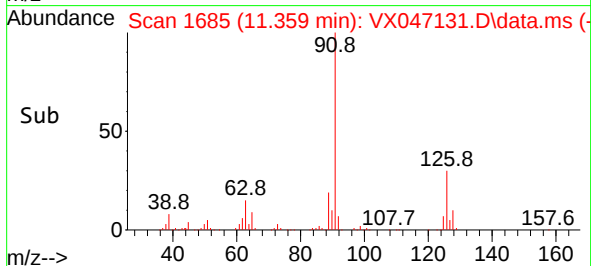
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



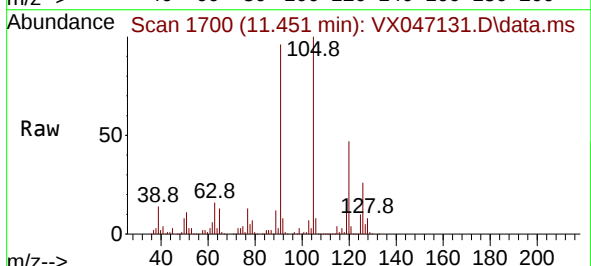
Tgt Ion: 91 Resp: 242100
Ion Ratio Lower Upper
91 100
126 31.9 16.4 49.4

Manual Integrations
APPROVED

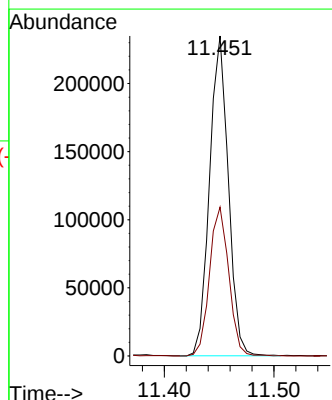
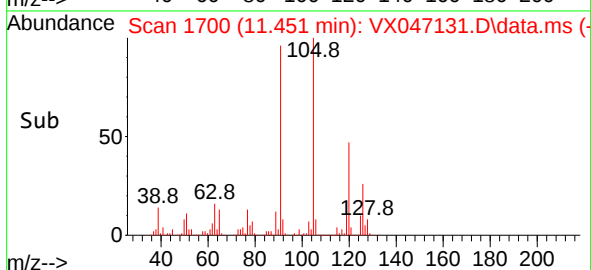
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

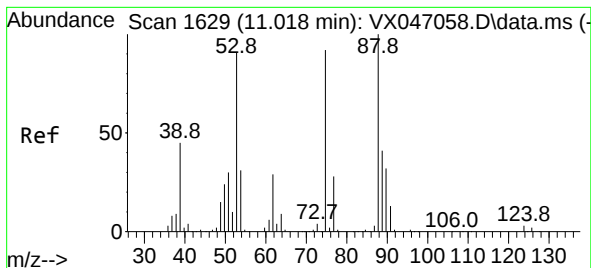


#80
1,3,5-Trimethylbenzene
Concen: 19.729 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50



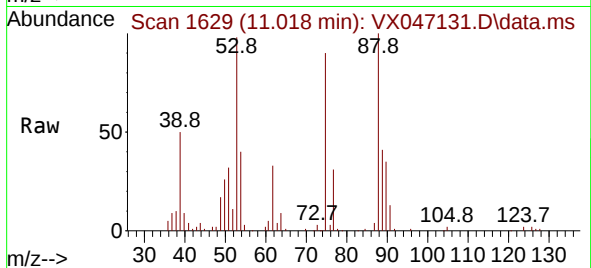
Tgt Ion:105 Resp: 279189
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 11.724 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

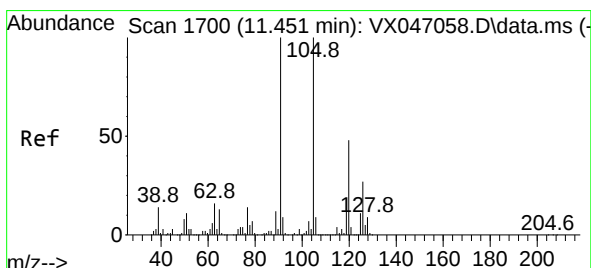
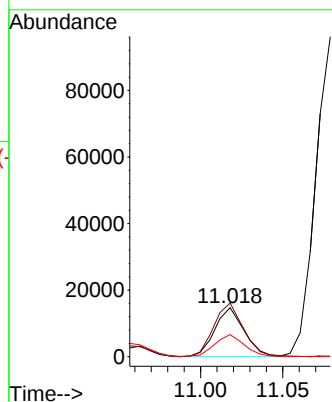
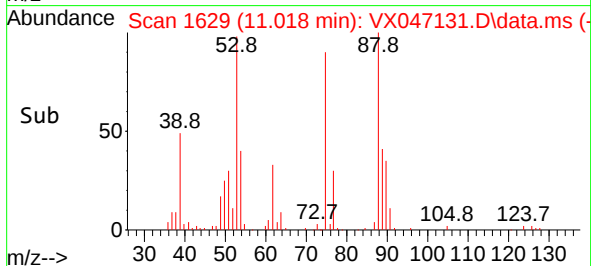
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



Tgt Ion: 75 Resp: 18288
Ion Ratio Lower Upper
75 100
53 111.1 84.2 126.4
89 45.5 36.0 54.0

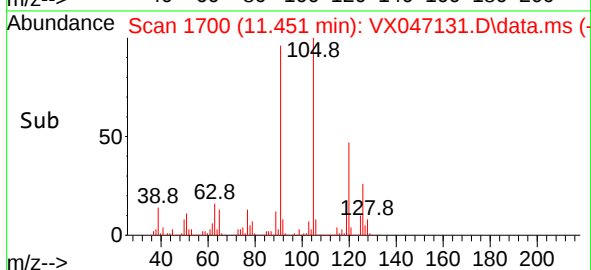
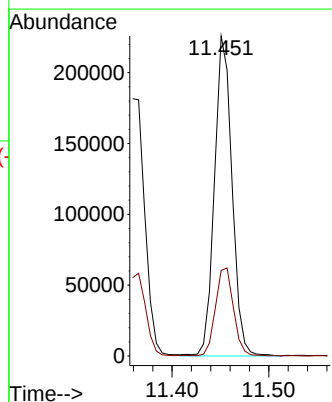
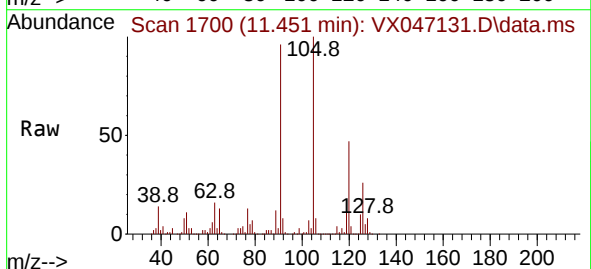
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#82
4-Chlorotoluene
Concen: 19.960 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

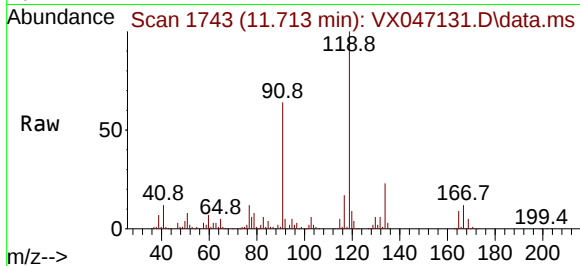
Tgt Ion: 91 Resp: 285071
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.3





#83
tert-Butylbenzene
Concen: 19.420 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

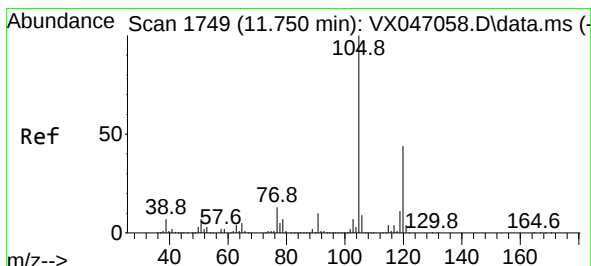
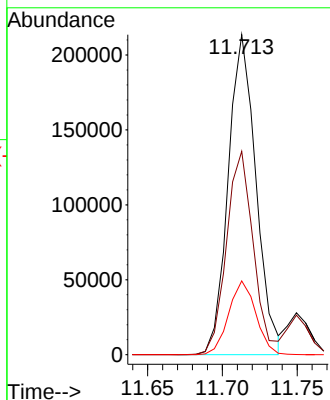
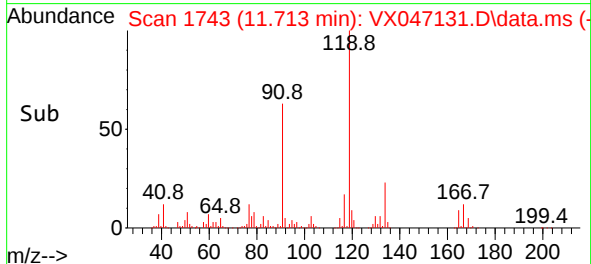
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



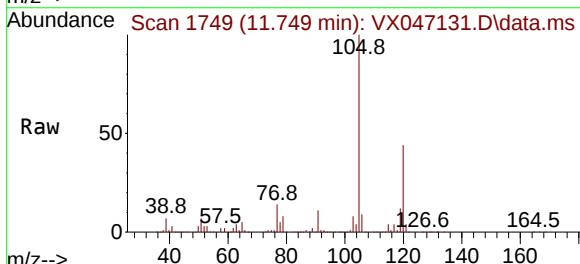
Tgt Ion:119 Resp: 275838
Ion Ratio Lower Upper
119 100
91 61.6 29.6 88.8
134 22.6 11.4 34.1

Manual Integrations
APPROVED

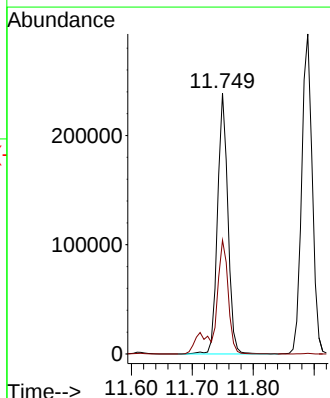
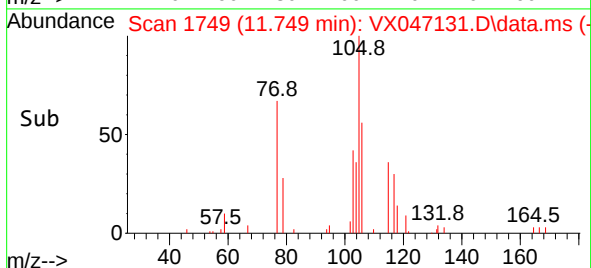
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

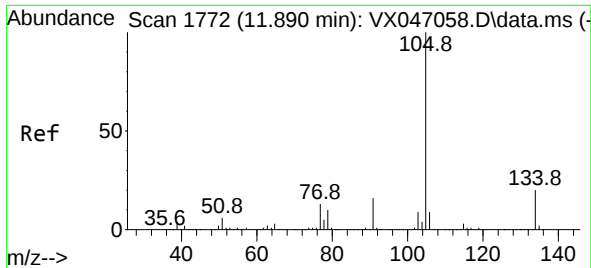


#84
1,2,4-Trimethylbenzene
Concen: 19.872 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50



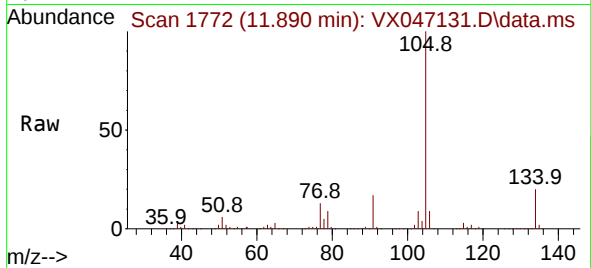
Tgt Ion:105 Resp: 280491
Ion Ratio Lower Upper
105 100
120 43.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.842 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047131.D
 Acq: 25 Jul 2025 10:50

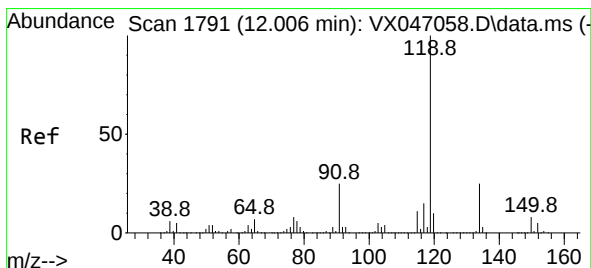
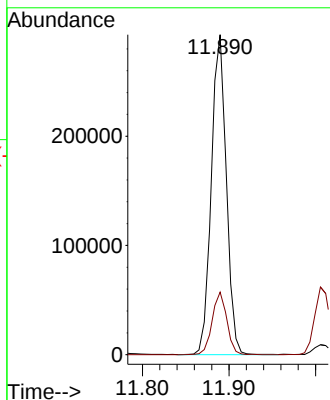
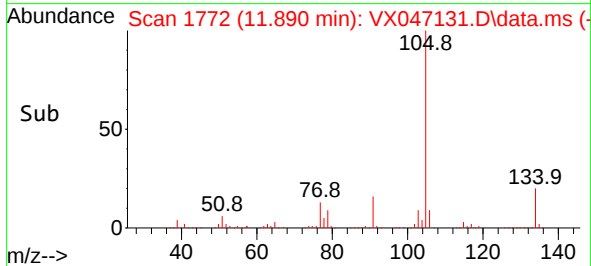
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBS01



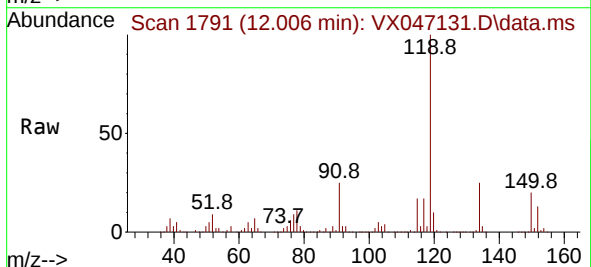
Tgt Ion:105 Resp: 35214
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.9 29.7

Manual Integrations
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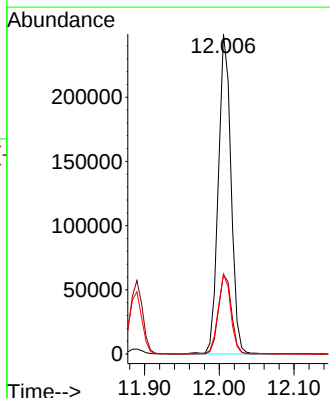
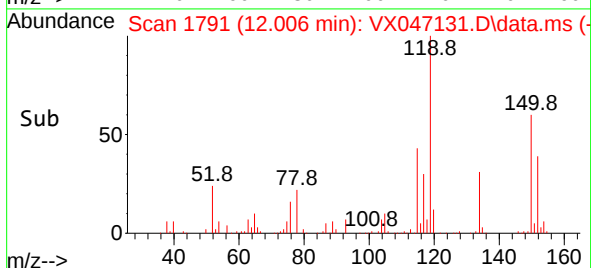
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025

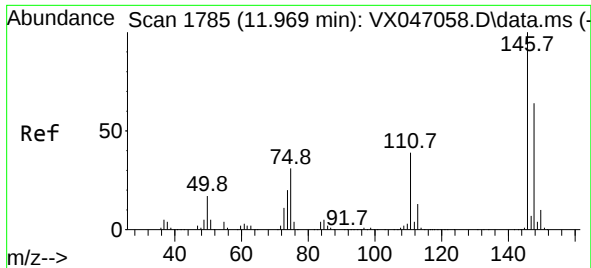


#86
 p-Isopropyltoluene
 Concen: 19.991 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047131.D
 Acq: 25 Jul 2025 10:50



Tgt Ion:119 Resp: 294210
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.609 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tgt Ion:146 Resp: 153079

Ion Ratio Lower Upper

146 100

111 41.8 21.0 63.0

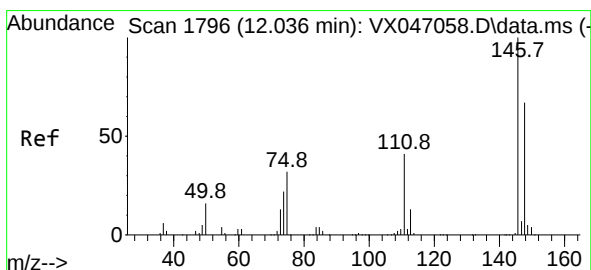
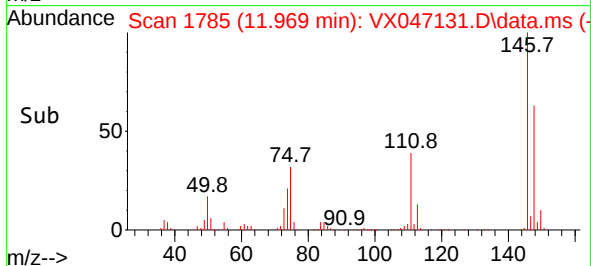
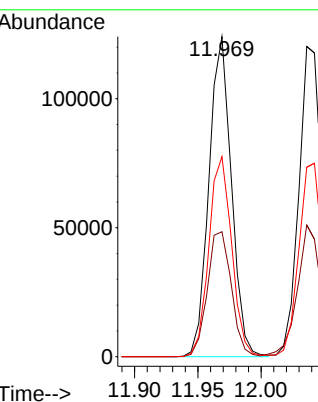
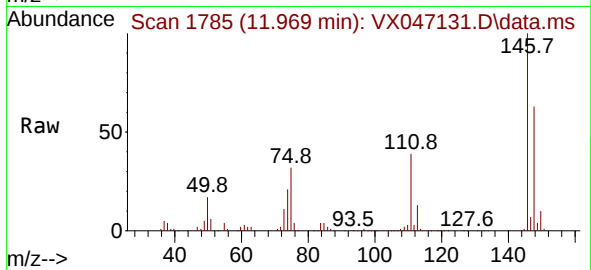
148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#88

1,4-Dichlorobenzene

Concen: 19.454 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

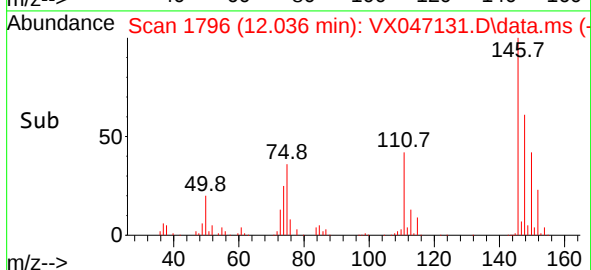
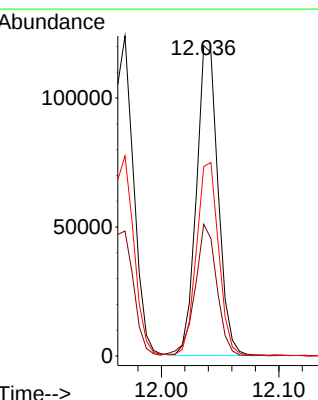
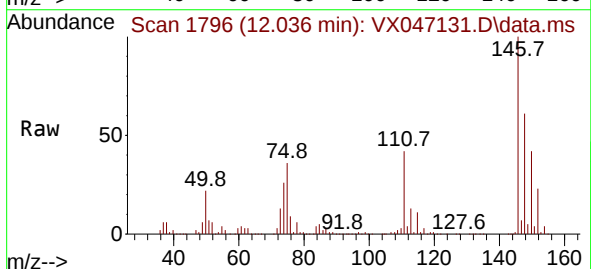
Tgt Ion:146 Resp: 153867

Ion Ratio Lower Upper

146 100

111 42.7 20.6 61.9

148 64.4 33.0 98.9





#89

n-Butylbenzene

Concen: 20.044 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

Tgt Ion: 91 Resp: 276638

Ion Ratio Lower Upper

91 100

92 53.8 27.5 82.5

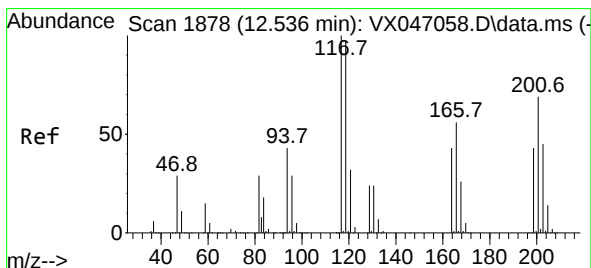
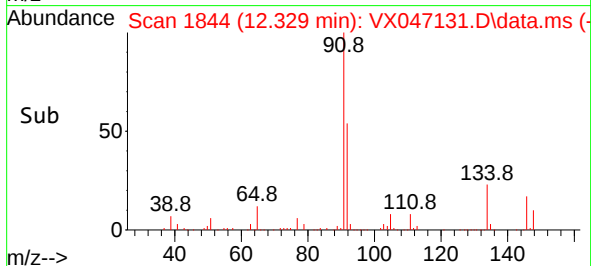
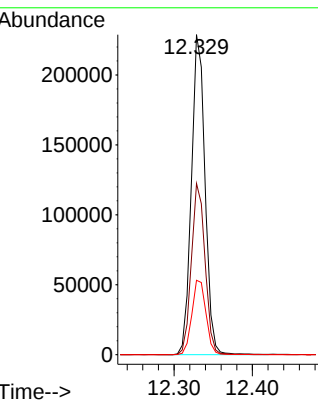
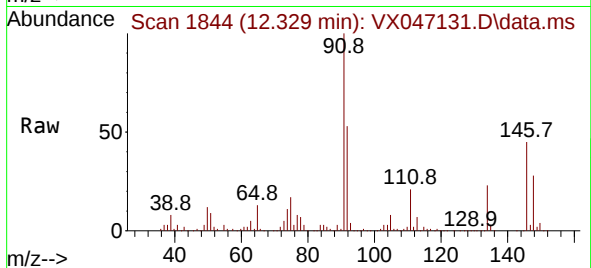
134 24.1 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#90

Hexachloroethane

Concen: 19.881 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX047131.D

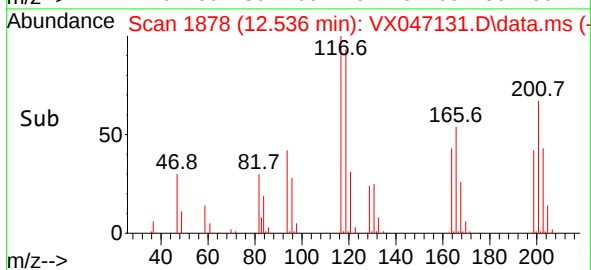
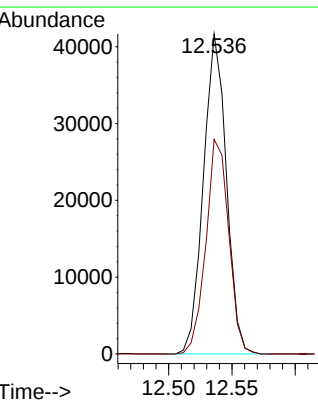
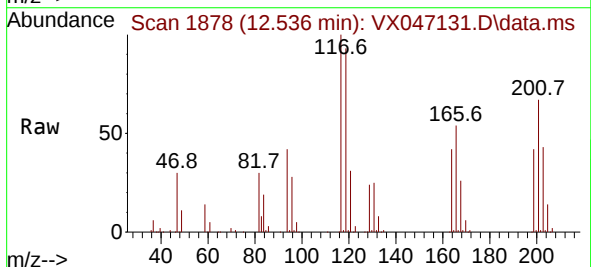
Acq: 25 Jul 2025 10:50

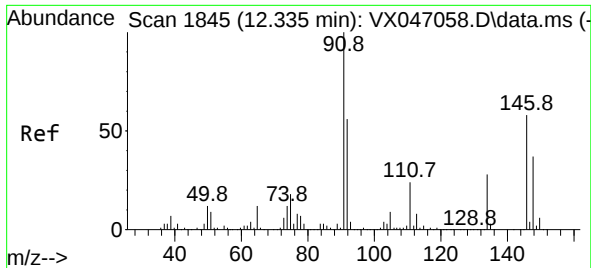
Tgt Ion:117 Resp: 52343

Ion Ratio Lower Upper

117 100

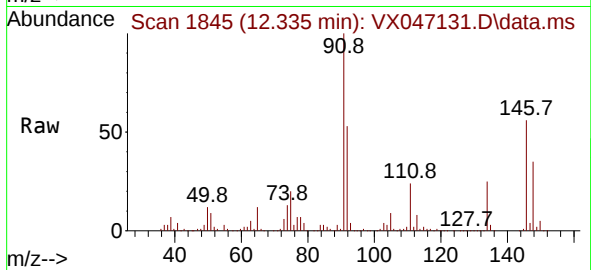
201 67.0 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 19.526 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

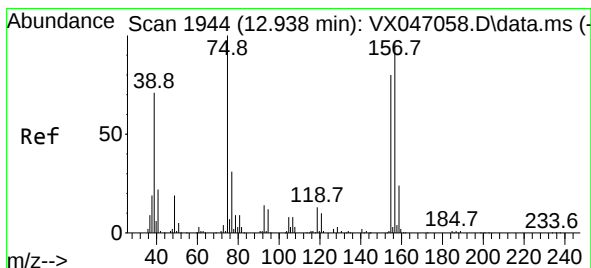
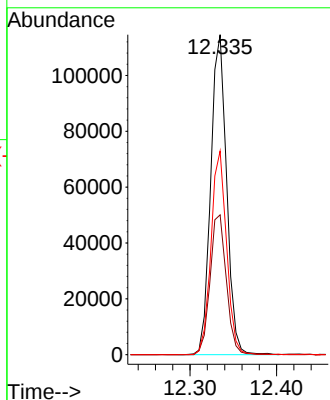
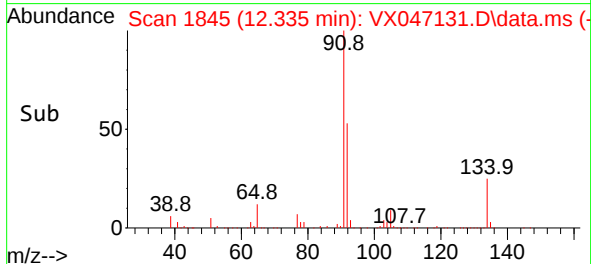
Instrument : MSVOA_X
ClientSampleId : VX0725MBS01



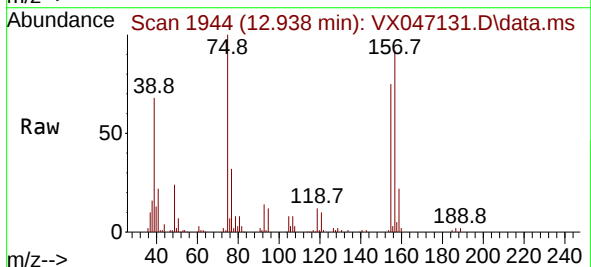
Tgt Ion:146 Resp: 145690
Ion Ratio Lower Upper
146 100
111 44.9 21.6 64.6
148 62.6 31.9 95.7

Manual Integrations
APPROVED

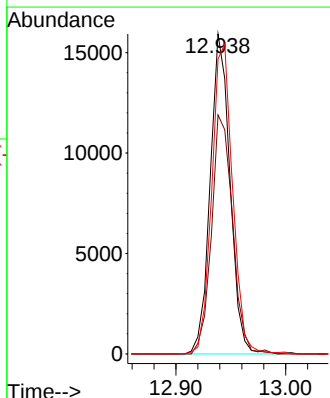
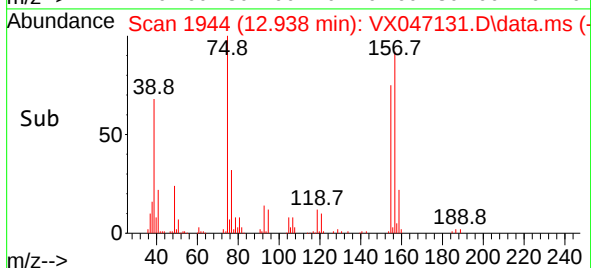
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.241 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50



Tgt Ion: 75 Resp: 19950
Ion Ratio Lower Upper
75 100
155 79.5 41.3 124.1
157 102.1 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 19.537 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBS01

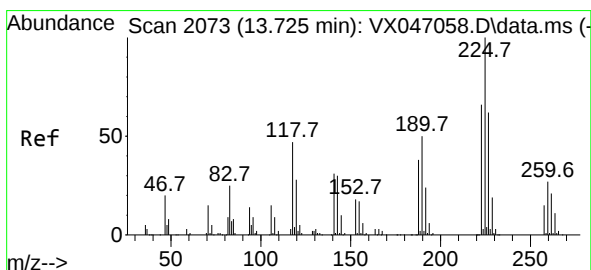
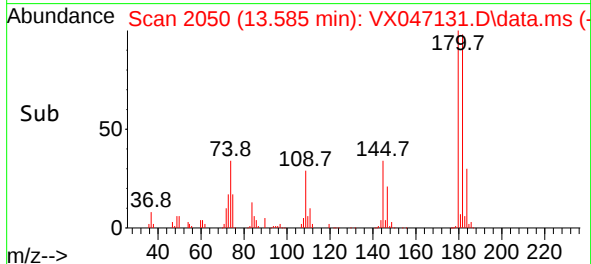
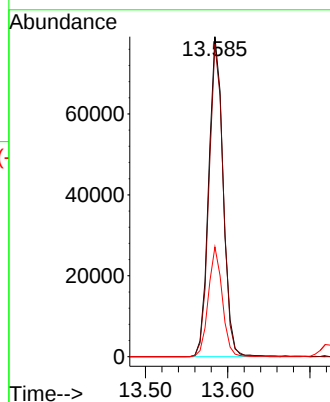
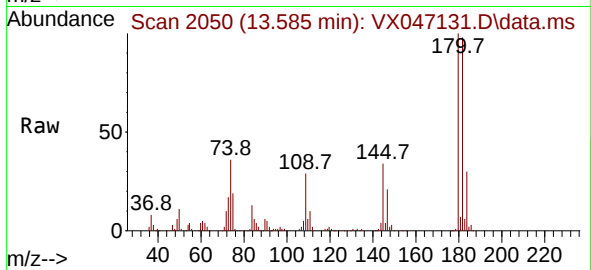
Tgt Ion:180	Resp:	96308
Ion Ratio	Lower	Upper
180	100	
182	96.7	47.3 141.8
145	33.1	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#94

Hexachlorobutadiene

Concen: 20.419 ug/l

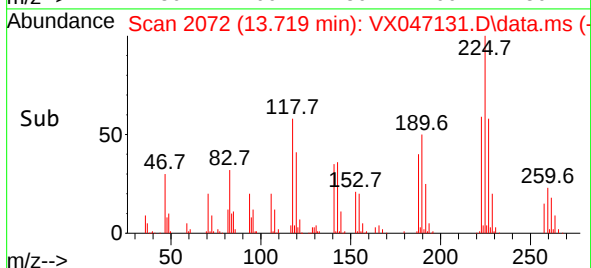
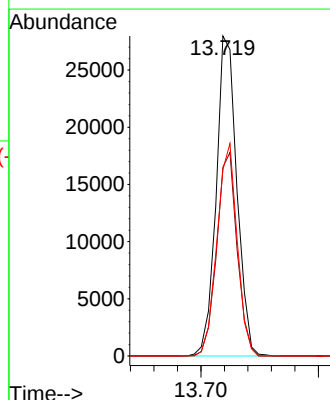
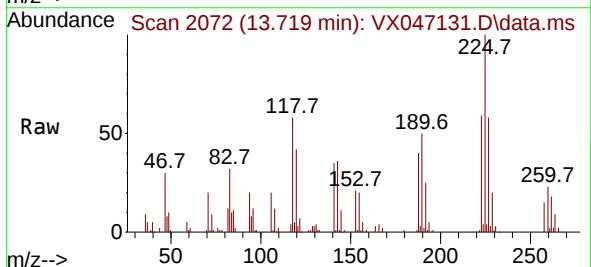
RT: 13.719 min Scan# 2072

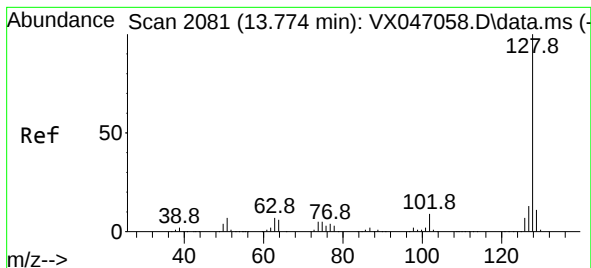
Delta R.T. -0.006 min

Lab File: VX047131.D

Acq: 25 Jul 2025 10:50

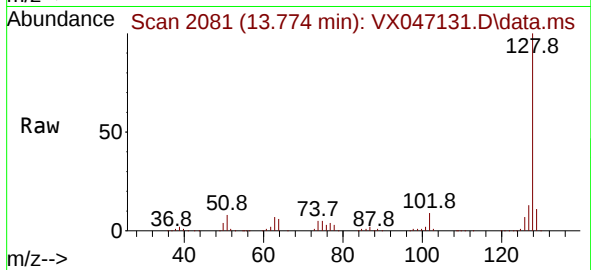
Tgt Ion:225	Resp:	34232
Ion Ratio	Lower	Upper
225	100	
223	62.7	31.6 95.0
227	64.6	32.9 98.6





#95
Naphthalene
Concen: 20.140 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50

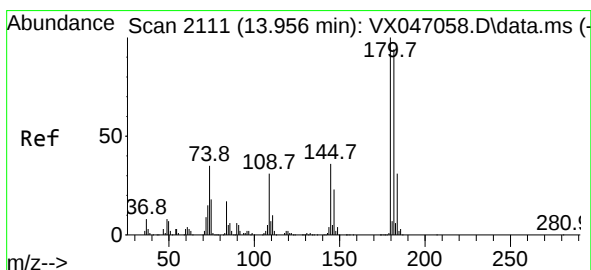
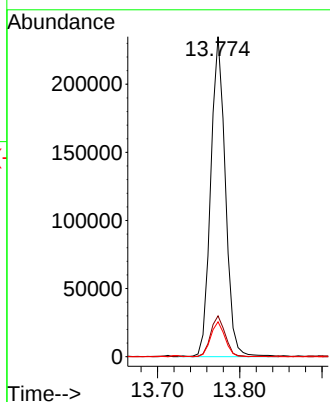
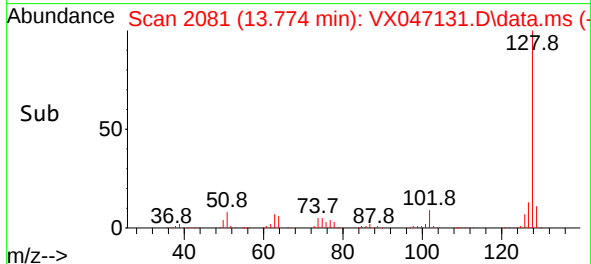
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBS01



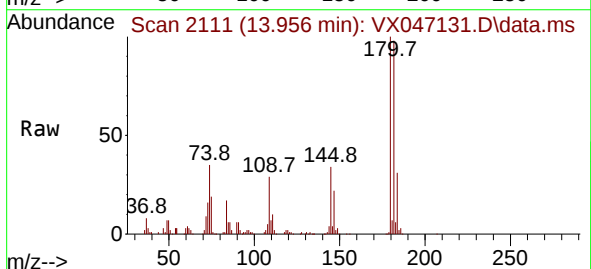
Tgt Ion:128 Resp: 29105
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.516 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047131.D
Acq: 25 Jul 2025 10:50



Tgt Ion:180 Resp: 92685
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 34.3 17.3 52.0

