

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111325\
 Data File : VX048587.D
 Acq On : 13 Nov 2025 11:34
 Operator : JC/MD
 Sample : VX1113WBL01
 Misc : 5.0mL/MSVOA_X/Water
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBL01

Quant Time: Nov 14 03:54:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	149059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	301834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	317804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	119748	57.654	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.300%	
35) Dibromofluoromethane	5.373	113	105670	46.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.520%	
50) Toluene-d8	8.634	98	381761	53.581	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.160%	
62) 4-Bromofluorobenzene	11.061	95	152578	57.464	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.920%	

Target Compounds				Qvalue		
3) Chloromethane	1.300	50	395	0.247	ug/l #	42
5) Bromomethane	1.630	94	739	0.645	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.337	101	400	0.241	ug/l #	77
10) Methyl Iodide	2.459	142	1755	0.714	ug/l #	94
11) Tert butyl alcohol	2.946	59	132	0.335	ug/l #	71
13) Acrolein	2.239	56	190	3.337	ug/l #	76
15) Acrylonitrile	3.075	53	1086	0.945	ug/l #	85
16) Acetone	2.386	43	1098	1.117	ug/l	98
17) Carbon Disulfide	2.520	76	3119	0.639	ug/l #	95
18) Methyl Acetate	2.709	43	1586	0.587	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	406	0.221	ug/l #	58
29) Tetrahydrofuran	5.007	42	246	0.237	ug/l #	61
38) Carbon Tetrachloride	5.537	117	15436	4.433	ug/l #	17
39) Methylcyclohexane	7.366	83	776	0.226	ug/l	92
51) 4-Methyl-2-Pentanone	8.555	43	1152	0.334	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	581	0.326	ug/l #	55
59) 2-Hexanone	9.433	43	918	0.358	ug/l	77
64) Tetrachloroethene	9.256	164	548	0.237	ug/l #	87
68) m/p-Xylenes	10.293	106	1470	0.308	ug/l	96
73) Isopropylbenzene	10.945	105	2505	0.228	ug/l	97
76) 1,2,3-Trichloropropane	11.061	75	76507	21.012	ug/l #	30
78) n-propylbenzene	11.286	91	4260	0.330	ug/l	94
79) 2-Chlorotoluene	11.347	91	2204	0.283	ug/l	93
80) 1,3,5-Trimethylbenzene	11.433	105	2881	0.322	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.061	75	76507	60.100	ug/l #	12
82) 4-Chlorotoluene	11.439	91	2912	0.318	ug/l	99
83) tert-Butylbenzene	11.701	119	3099	0.335	ug/l	89
84) 1,2,4-Trimethylbenzene	11.738	105	2945	0.326	ug/l	92
85) sec-Butylbenzene	11.872	105	4953	0.433	ug/l	99
86) p-Isopropyltoluene	11.994	119	4540	0.472	ug/l #	88
87) 1,3-Dichlorobenzene	11.957	146	2184	0.411	ug/l	95
88) 1,4-Dichlorobenzene	11.957	146	2184	0.398	ug/l	93
89) n-Butylbenzene	12.317	91	5521	0.612	ug/l	97
90) Hexachloroethane	12.518	117	948	0.518	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	1389	0.273	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.920	75	223	0.248	ug/l	80

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Sample : VX1113WBL01
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

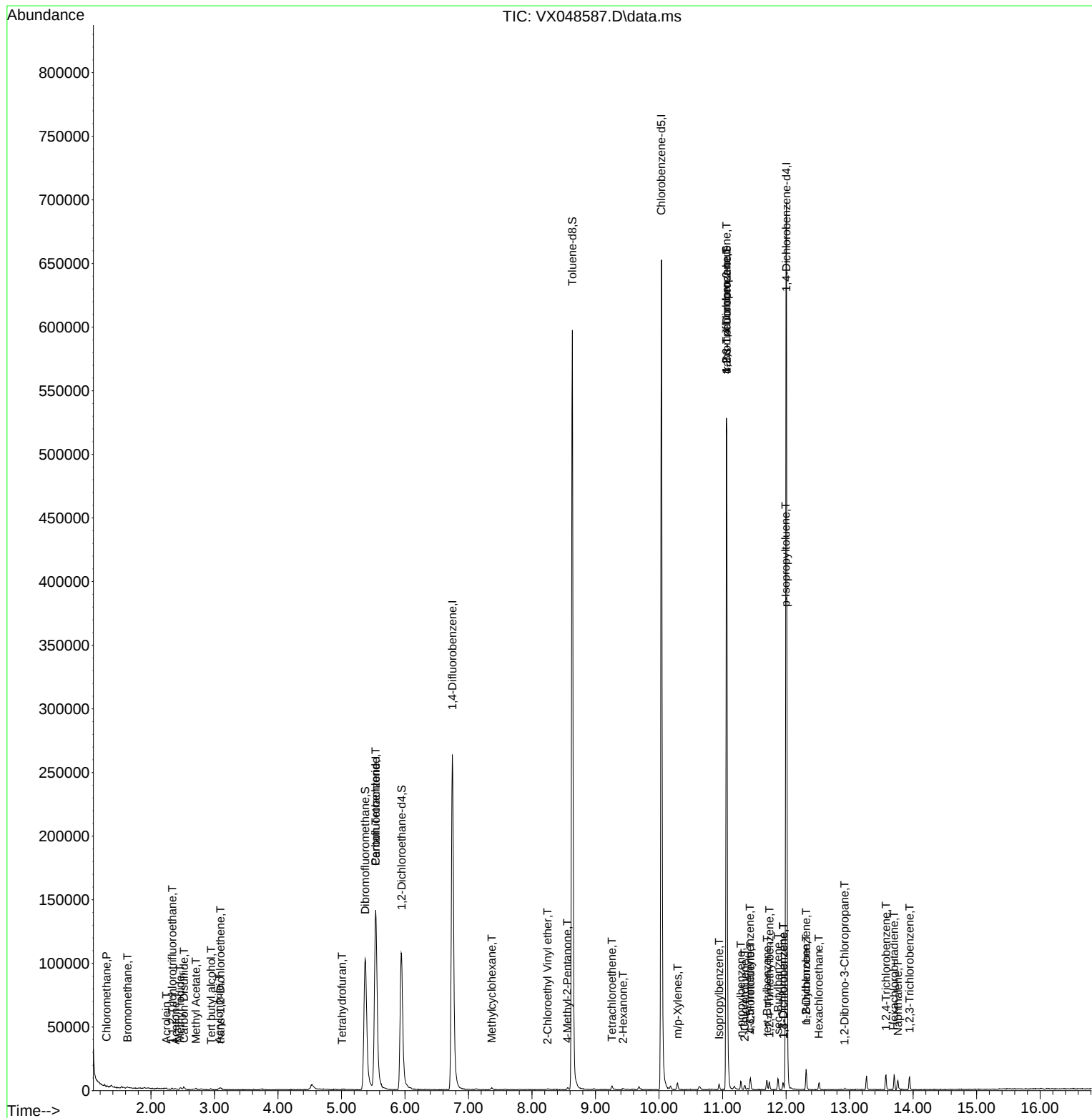
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.573	180	3098	0.915	ug/l	99
94) Hexachlorobutadiene	13.701	225	1814	1.281	ug/l	93
95) Naphthalene	13.762	128	5550	0.510	ug/l	98
96) 1,2,3-Trichlorobenzene	13.945	180	2550	0.809	ug/l	95

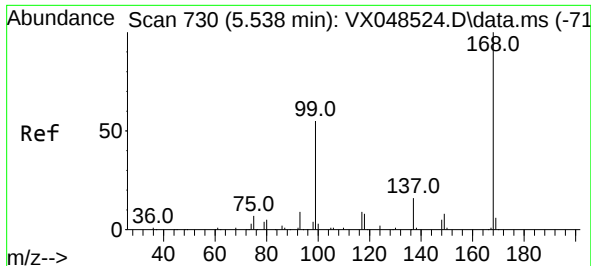
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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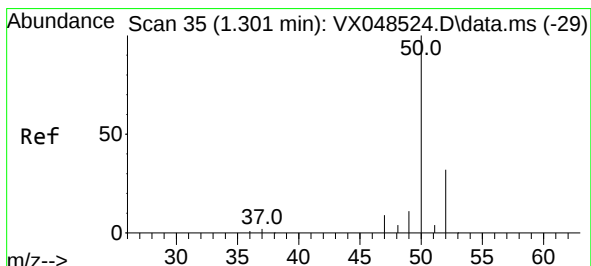
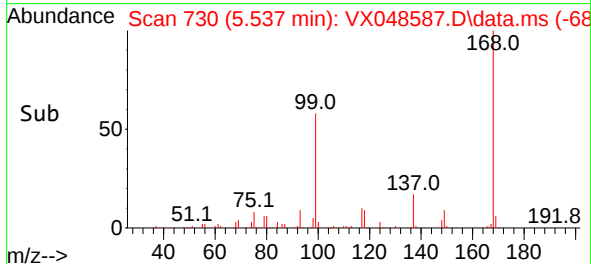
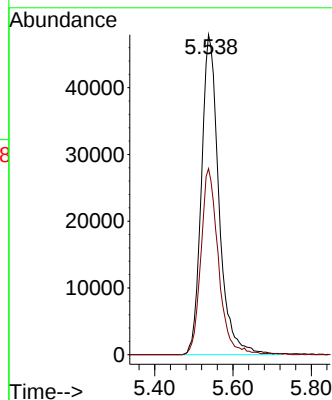
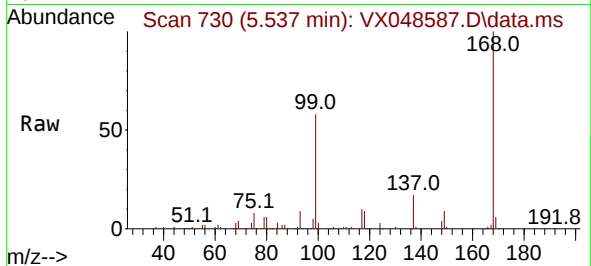




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048587.D
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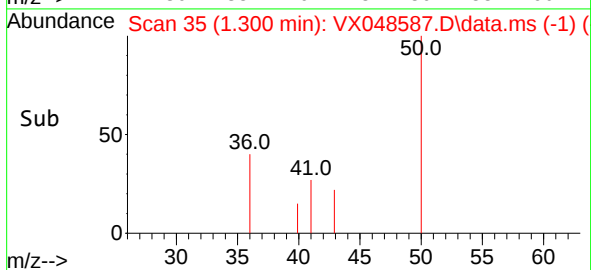
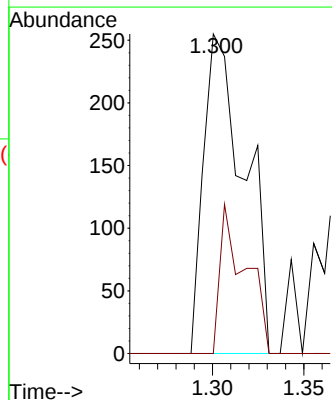
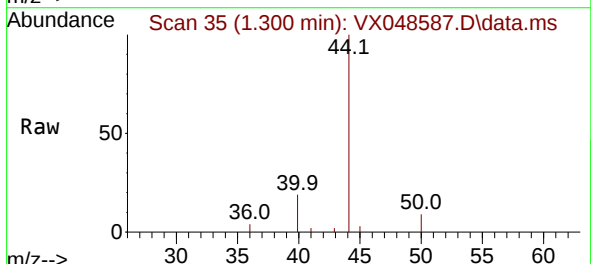
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

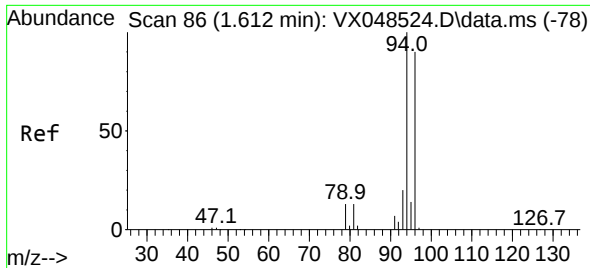
Tgt Ion:168 Resp: 149059
Ion Ratio Lower Upper
168 100
99 58.2 45.2 67.8



#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 50 Resp: 395
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

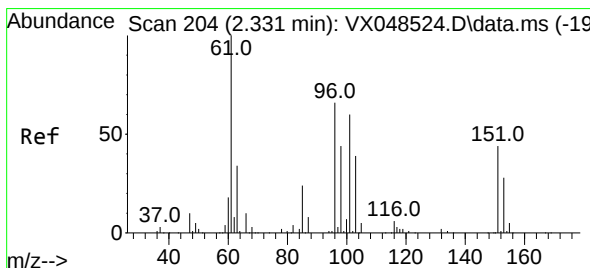
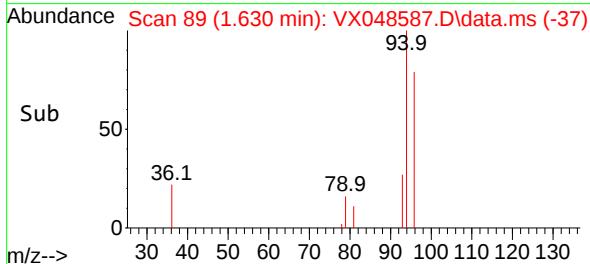
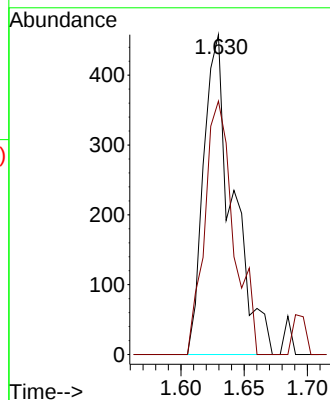
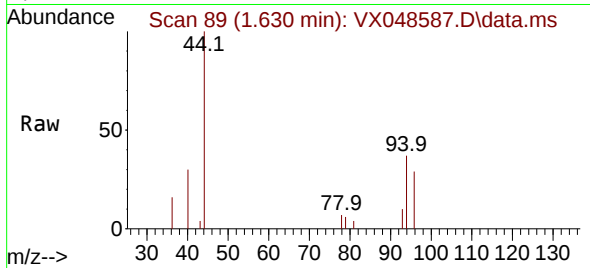




#5
Bromomethane
Concen: 0.645 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.018 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

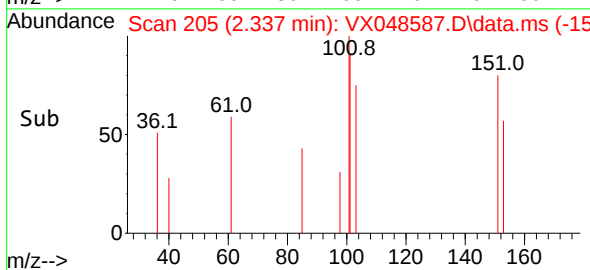
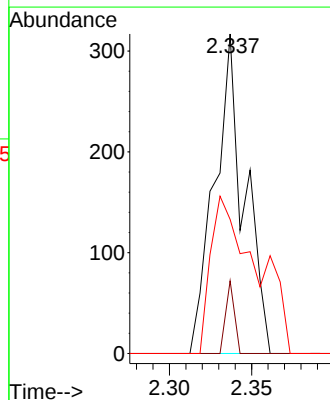
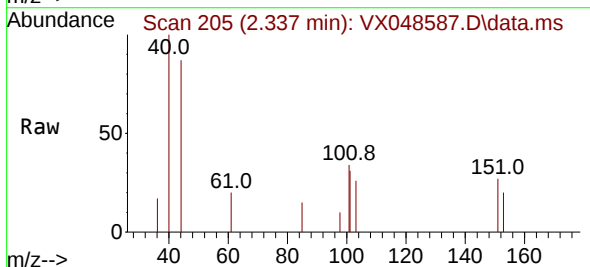
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

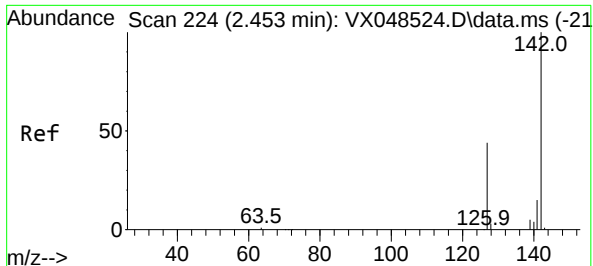
Tgt Ion: 94 Resp: 739
Ion Ratio Lower Upper
94 100
96 79.3 72.3 108.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.241 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 101 Resp: 400
Ion Ratio Lower Upper
101 100
85 6.5 34.3 51.5#
151 75.0 63.1 94.7

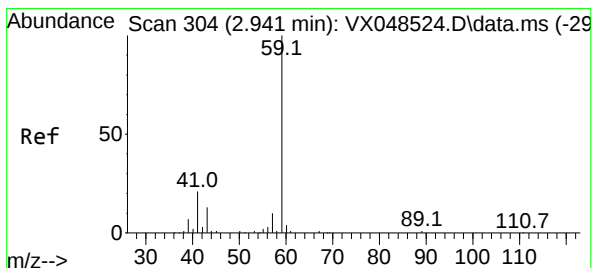
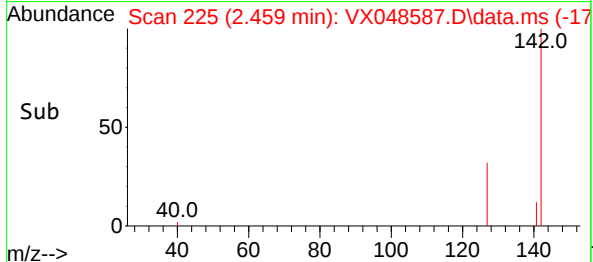
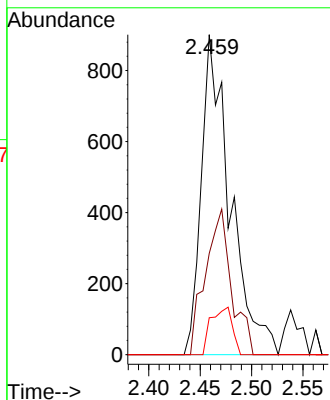
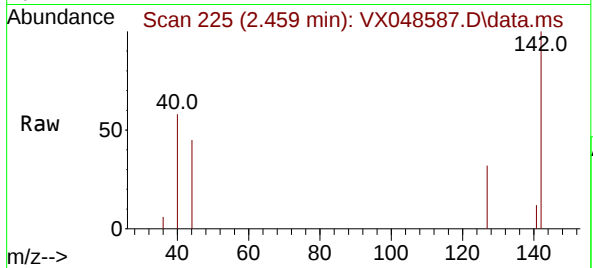




#10
Methyl Iodide
Concen: 0.714 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

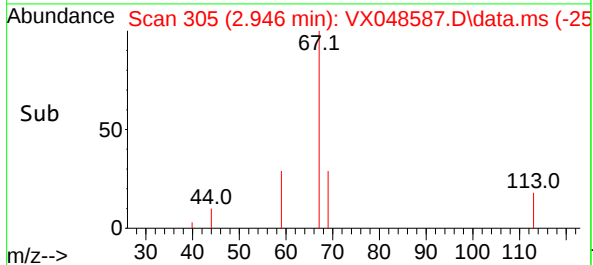
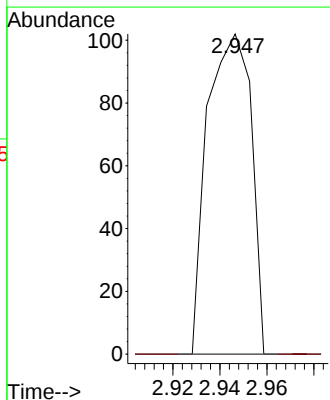
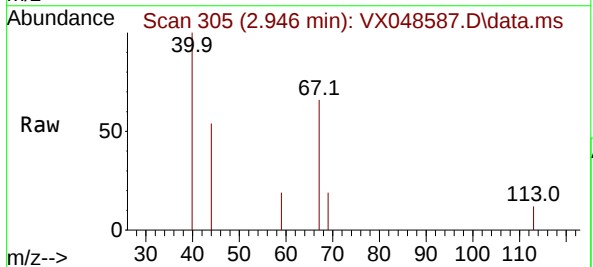
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

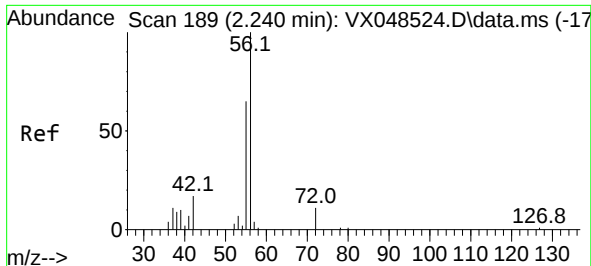
Tgt Ion:142 Resp: 1755
Ion Ratio Lower Upper
142 100
127 41.3 35.8 53.6
141 10.9 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.335 ug/l
RT: 2.946 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

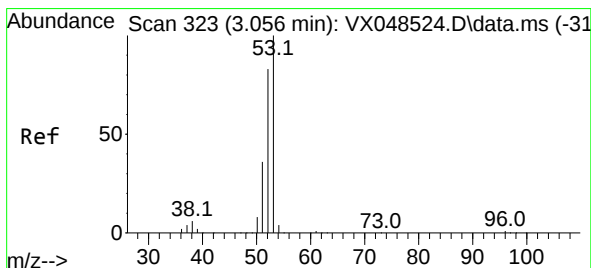
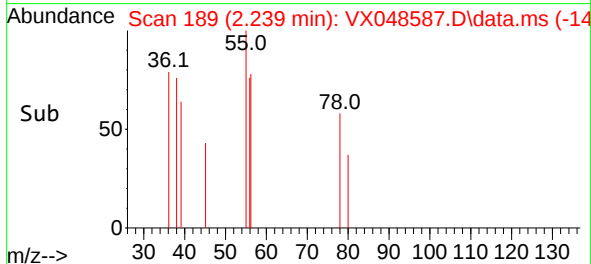
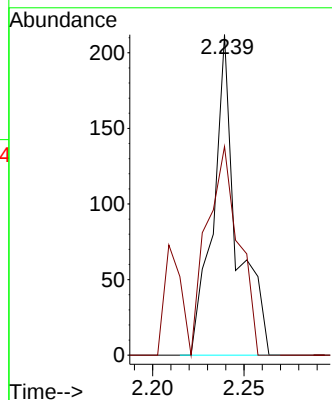
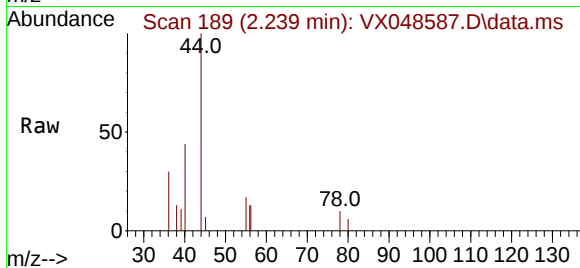




#13
Acrolein
Concen: 3.337 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

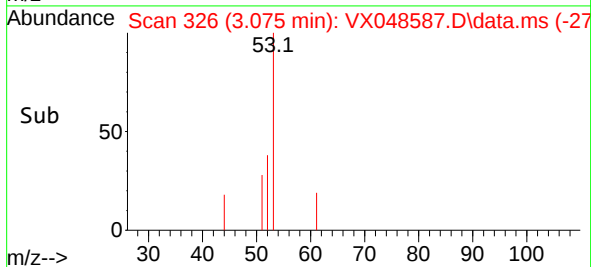
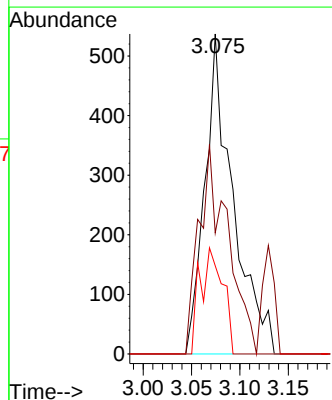
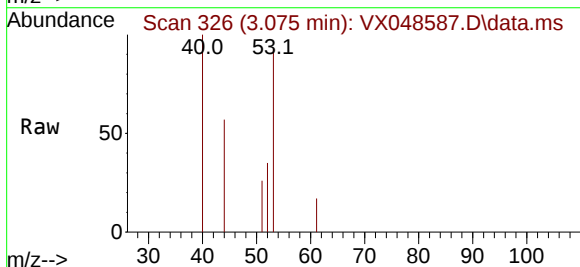
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

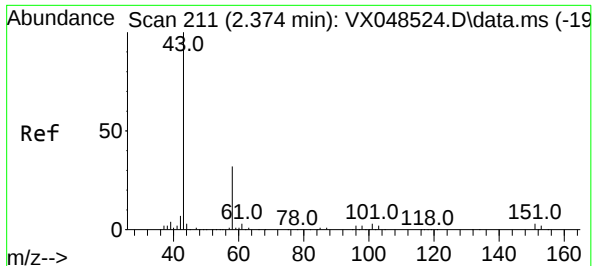
Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 88.4 54.9 82.3#



#15
Acrylonitrile
Concen: 0.945 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.018 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 53 Resp: 1086
Ion Ratio Lower Upper
53 100
52 67.0 65.3 97.9
51 26.9 27.8 41.6#

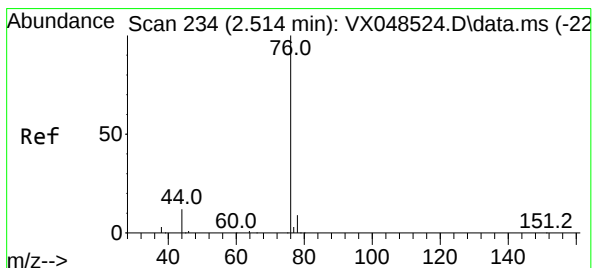
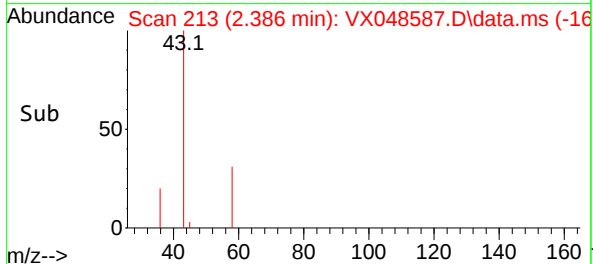
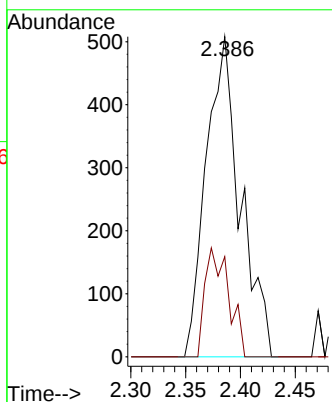
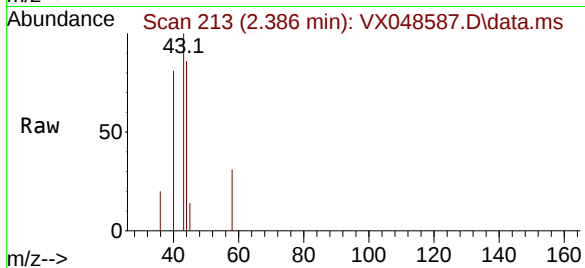




#16
Acetone
Concen: 1.117 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

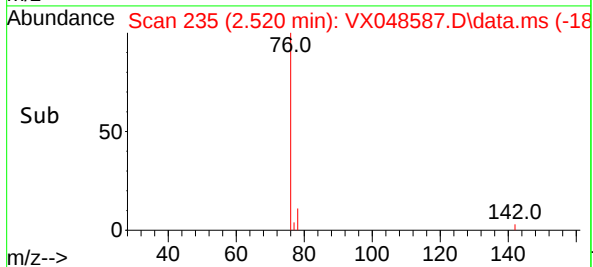
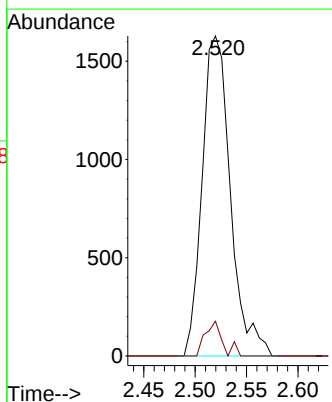
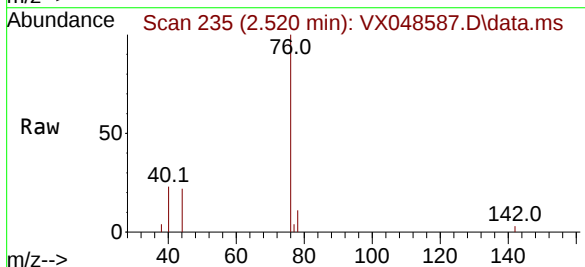
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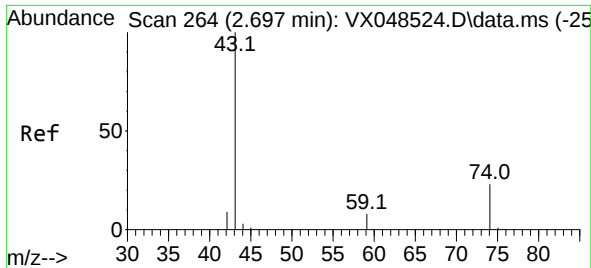
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 31.3 25.8 38.6



#17
Carbon Disulfide
Concen: 0.639 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 76 Resp: 3119
Ion Ratio Lower Upper
76 100
78 10.9 7.1 10.7#

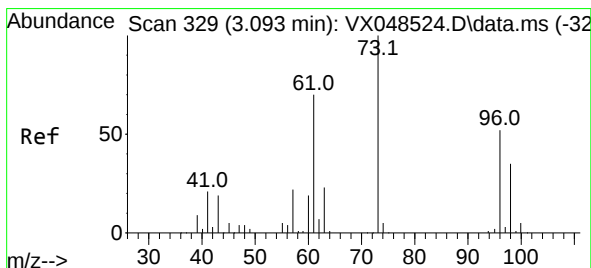
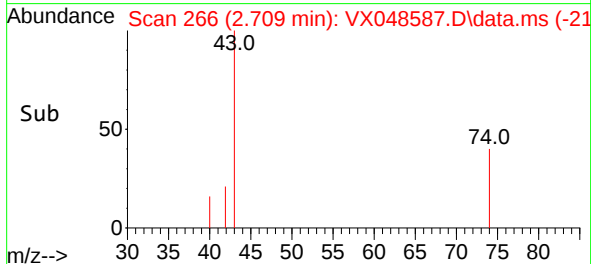
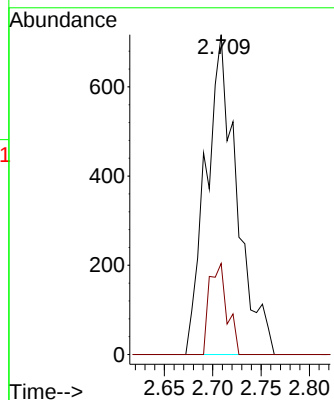
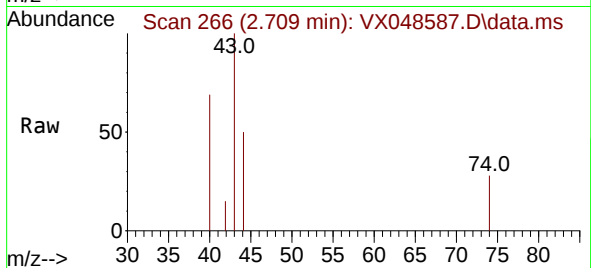




#18
Methyl Acetate
Concen: 0.587 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

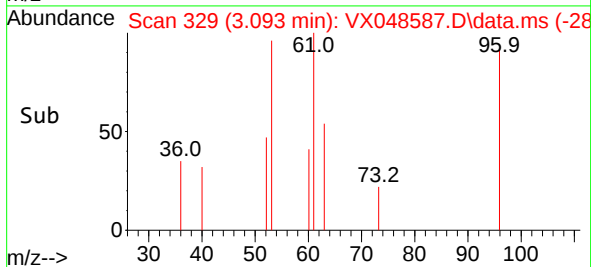
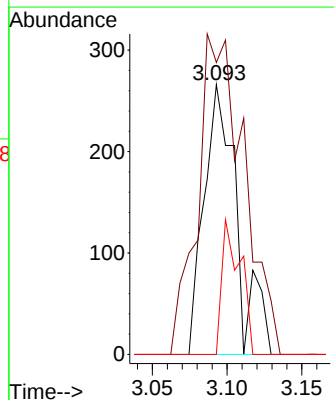
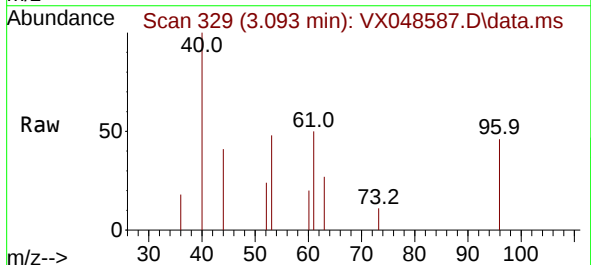
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

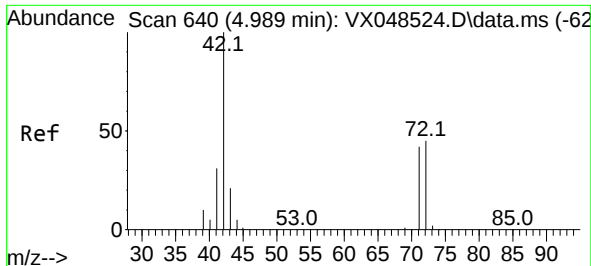
Tgt Ion: 43 Resp: 1586
Ion Ratio Lower Upper
43 100
74 16.4 19.1 28.7#



#21
trans-1,2-Dichloroethene
Concen: 0.221 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 96 Resp: 406
Ion Ratio Lower Upper
96 100
61 108.3 106.7 160.1
98 0.0 52.7 79.1#





#29

Tetrahydrofuran

Concen: 0.237 ug/l

RT: 5.007 min Scan# 640

Delta R.T. 0.018 min

Lab File: VX048587.D

Acq: 13 Nov 2025 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBL01

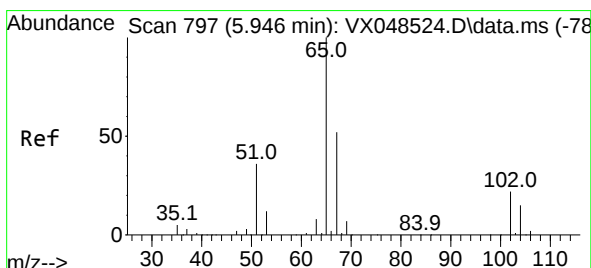
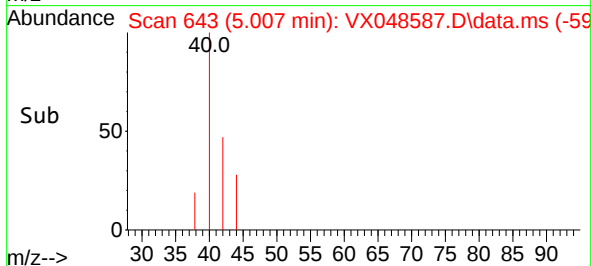
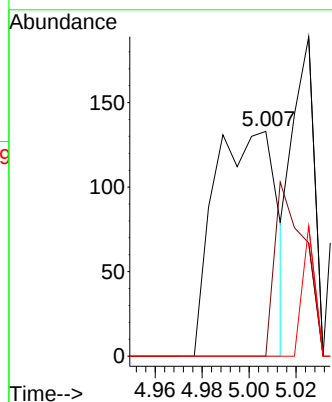
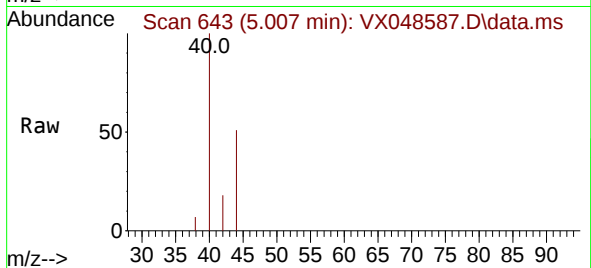
Tgt Ion: 42 Resp: 246

Ion Ratio Lower Upper

42 100

72 36.6 36.3 54.5

71 0.0 34.1 51.1#



#33

1,2-Dichloroethane-d4

Concen: 57.654 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX048587.D

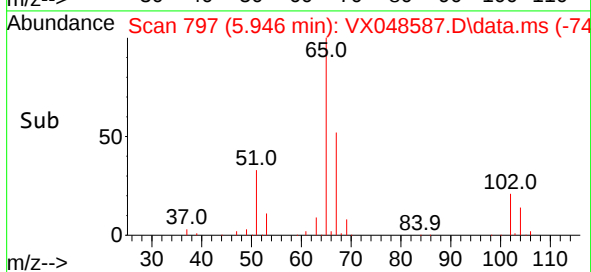
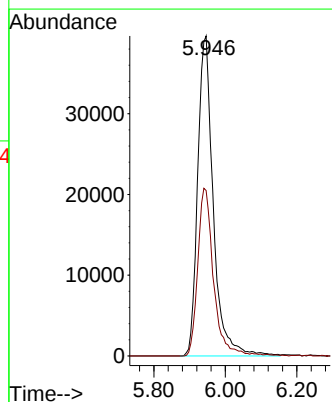
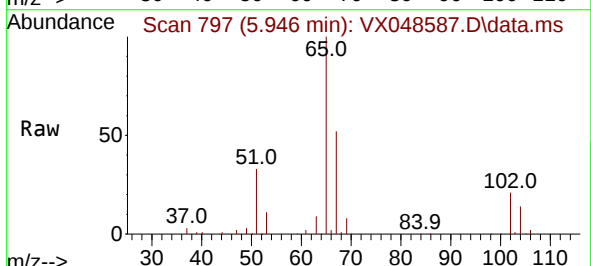
Acq: 13 Nov 2025 11:34

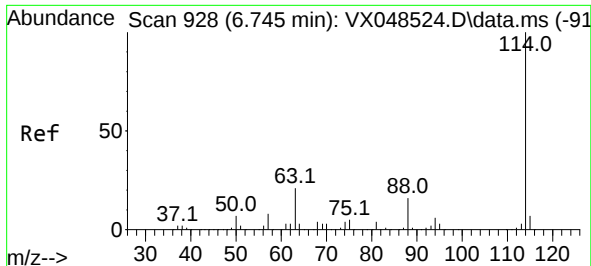
Tgt Ion: 65 Resp: 119748

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2

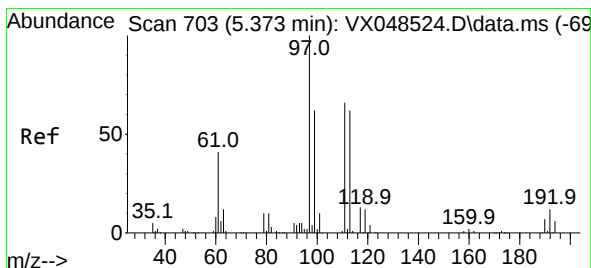
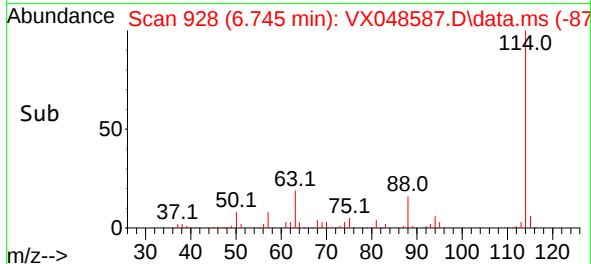
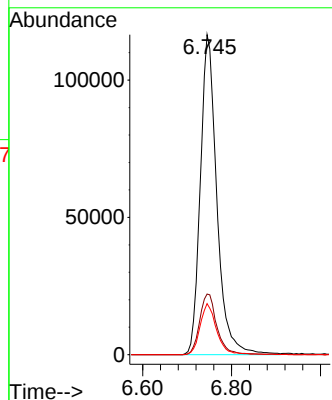
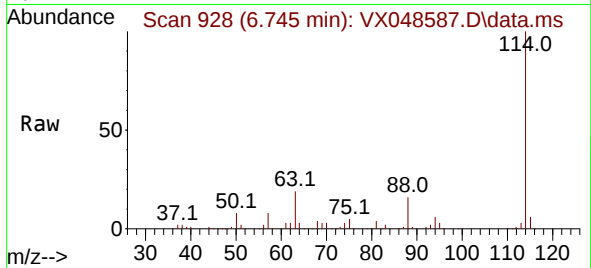




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX048587.D
 Acq: 13 Nov 2025 11:34

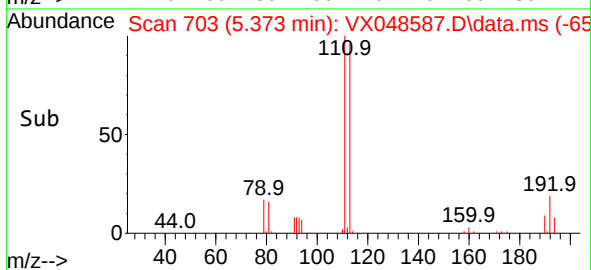
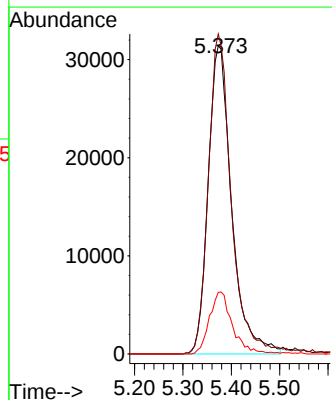
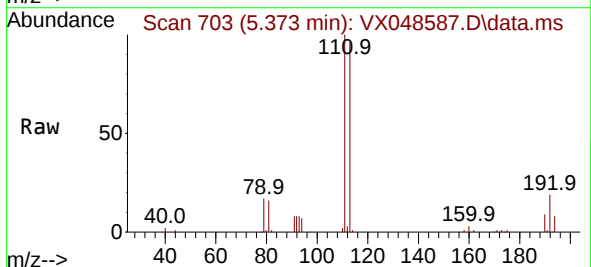
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBL01

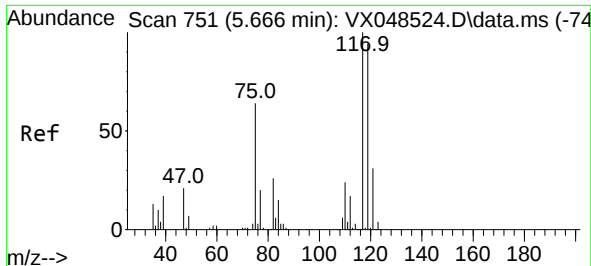
Tgt Ion:114 Resp: 301834
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.2
 88 16.0 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 46.256 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. -0.000 min
 Lab File: VX048587.D
 Acq: 13 Nov 2025 11:34

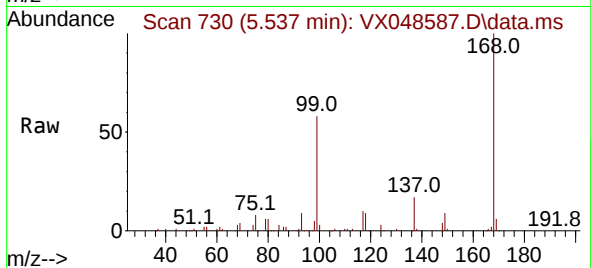
Tgt Ion:113 Resp: 105670
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 19.5 15.8 23.6



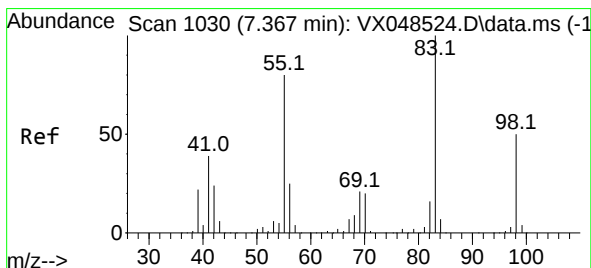
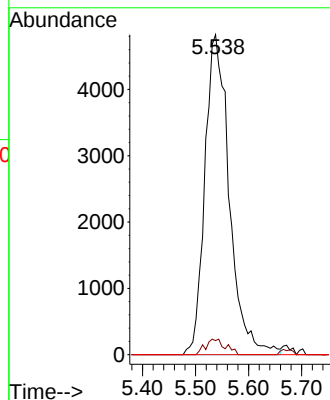
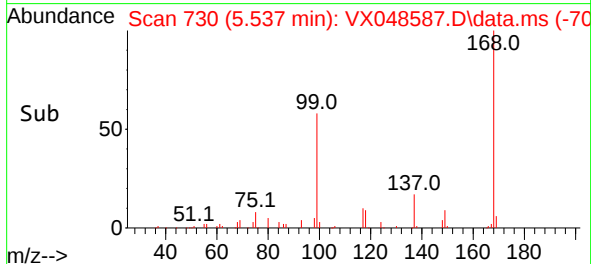


#38
Carbon Tetrachloride
Concen: 4.433 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

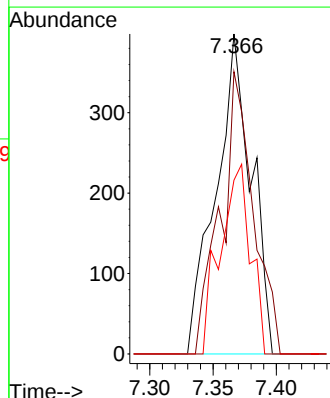
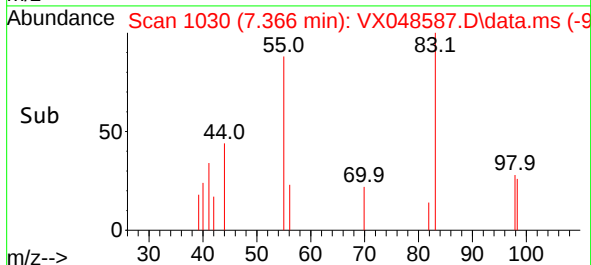
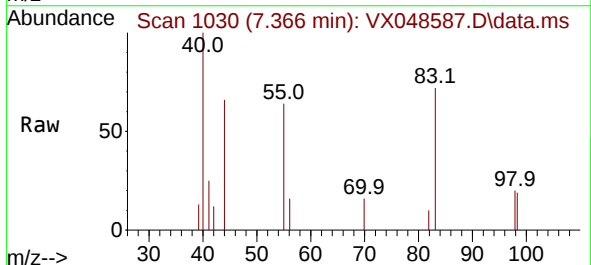


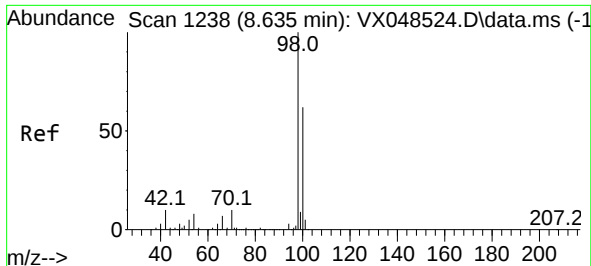
Tgt Ion:117 Resp: 15436
Ion Ratio Lower Upper
117 100
119 4.4 74.5 111.7#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.226 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 83 Resp: 776
Ion Ratio Lower Upper
83 100
55 88.2 63.8 95.6
98 54.3 40.3 60.5

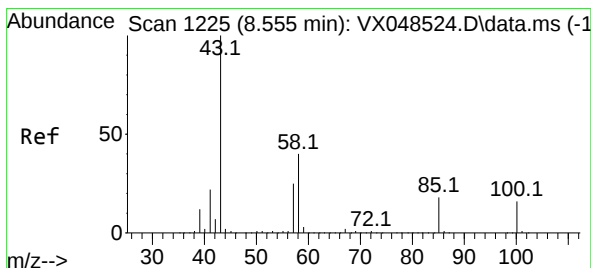
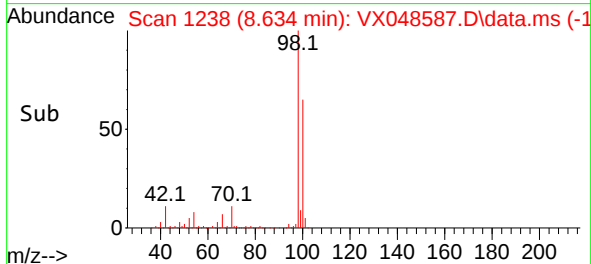
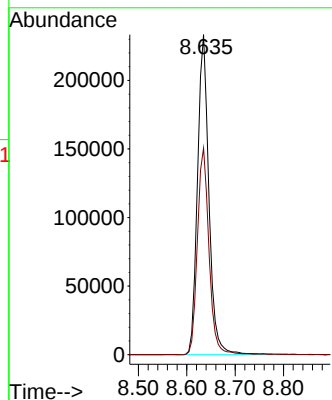
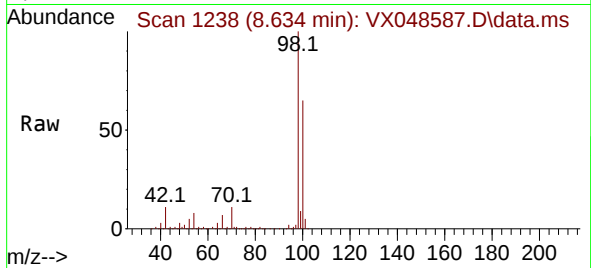




#50
Toluene-d8
Concen: 53.581 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

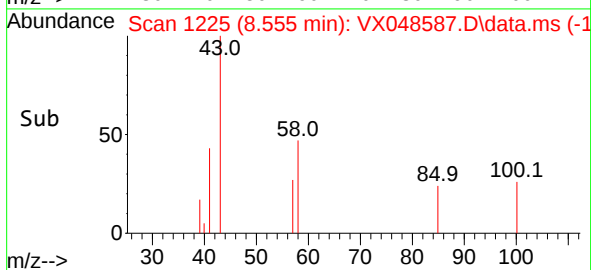
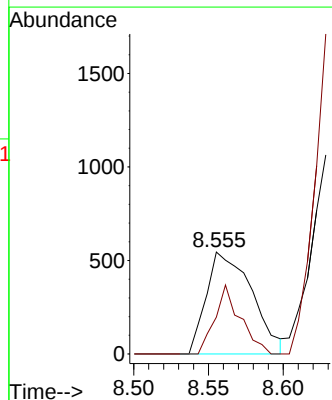
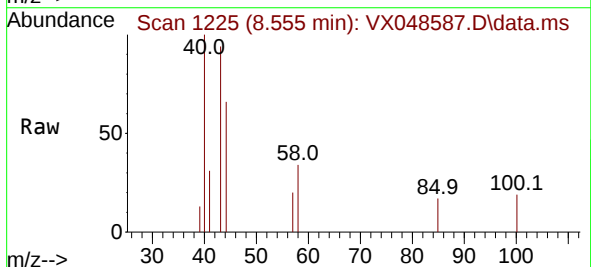
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

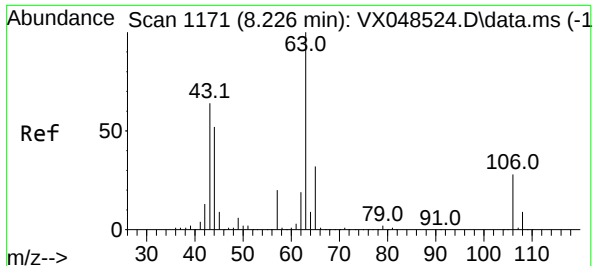
Tgt Ion: 98 Resp: 381761
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.334 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 37.8 32.3 48.5

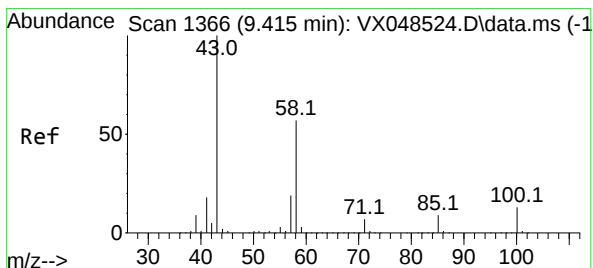
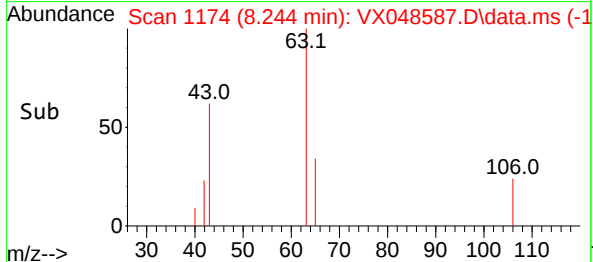
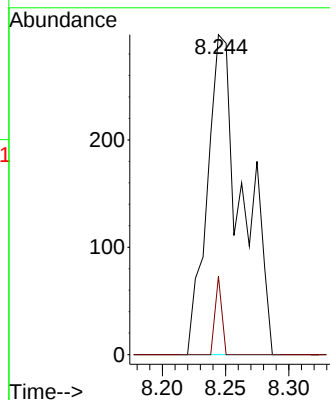
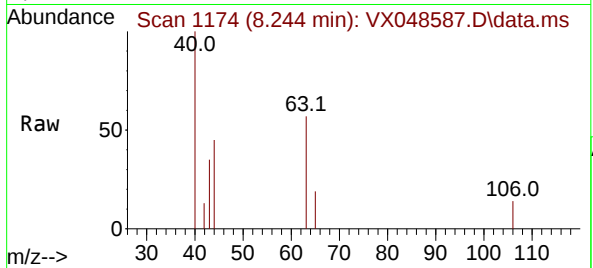




#58
2-Chloroethyl Vinyl ether
Concen: 0.326 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.018 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

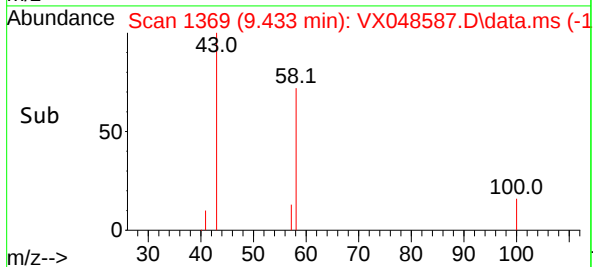
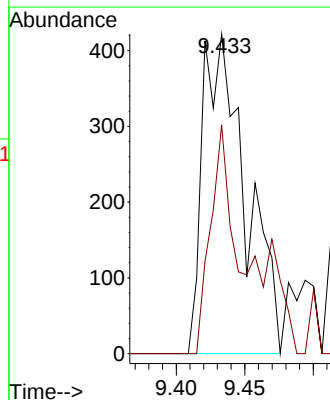
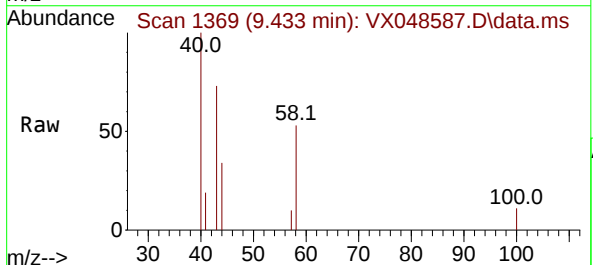
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

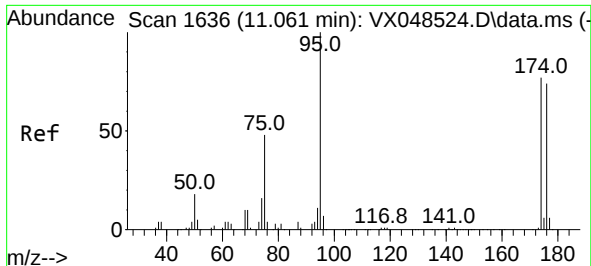
Tgt Ion: 63 Resp: 581
Ion Ratio Lower Upper
63 100
106 4.6 23.0 34.4#



#59
2-Hexanone
Concen: 0.358 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.018 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 43 Resp: 918
Ion Ratio Lower Upper
43 100
58 39.7 28.1 84.2

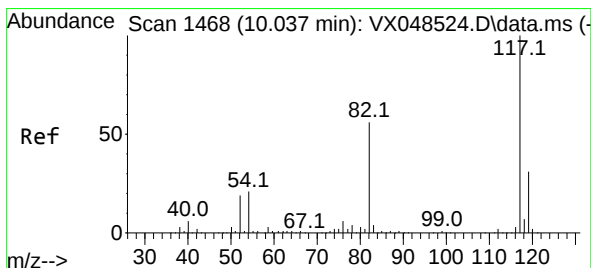
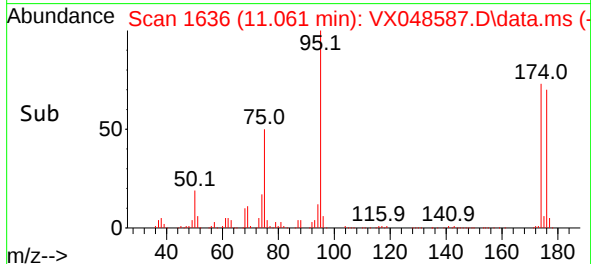
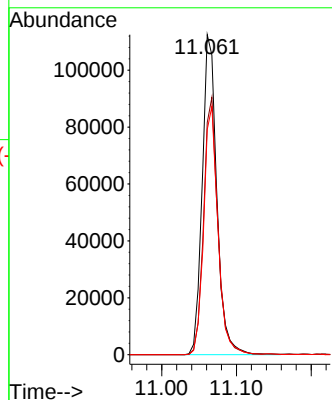
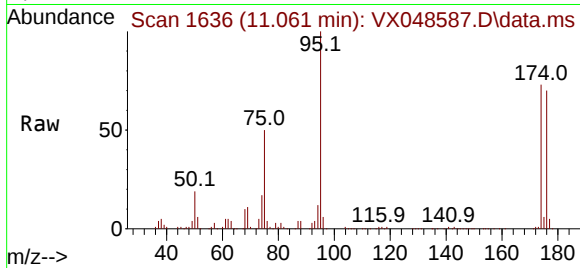




#62
4-Bromofluorobenzene
Concen: 57.464 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

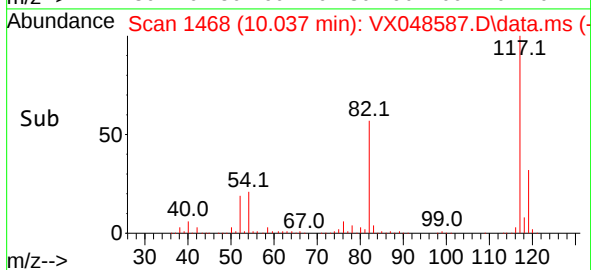
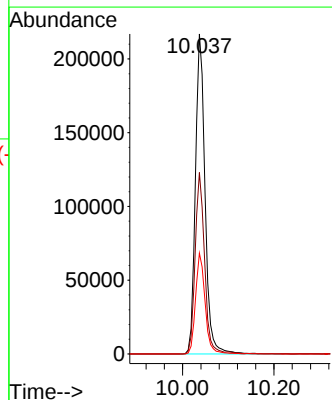
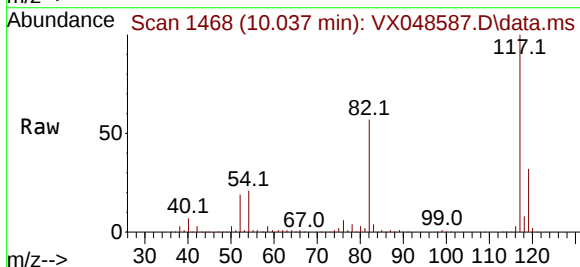
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

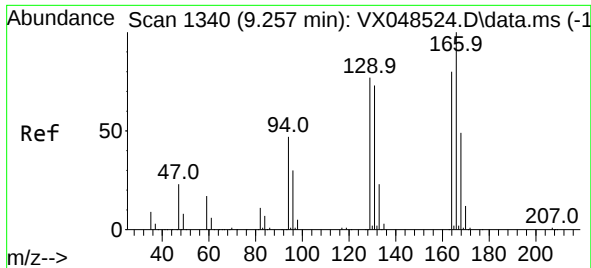
Tgt Ion: 95 Resp: 152578
Ion Ratio Lower Upper
95 100
174 78.4 0.0 161.8
176 75.9 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 117 Resp: 317804
Ion Ratio Lower Upper
117 100
82 56.7 44.4 66.6
119 31.5 25.1 37.7

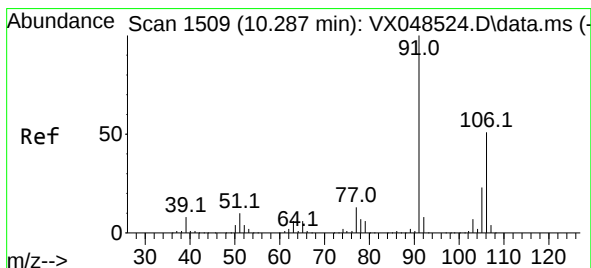
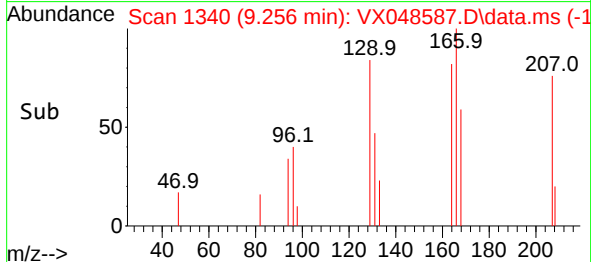
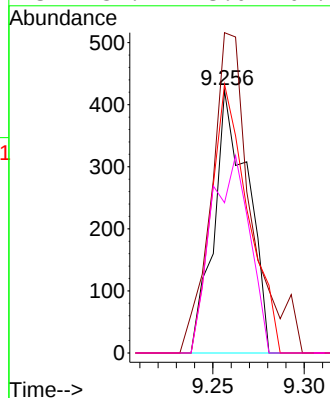
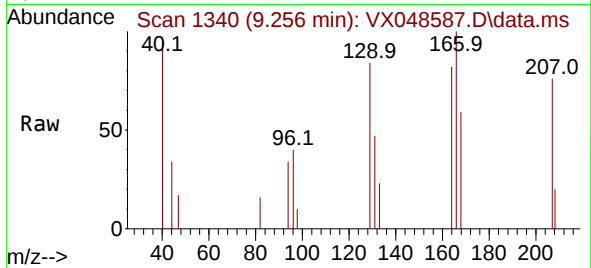




#64
Tetrachloroethene
Concen: 0.237 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

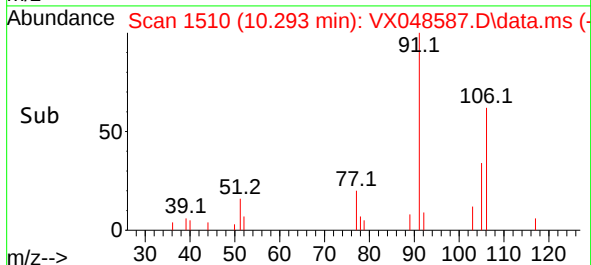
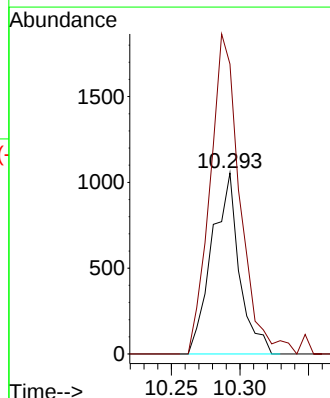
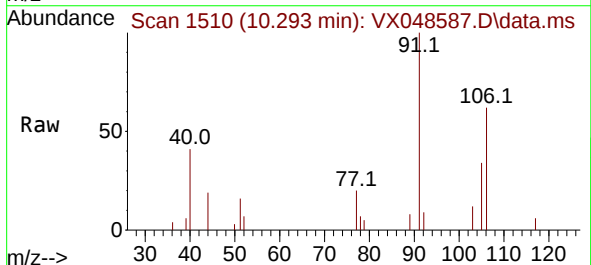
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

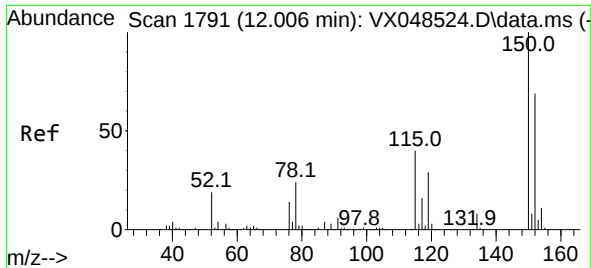
Tgt Ion:164 Resp: 548
Ion Ratio Lower Upper
164 100
166 122.0 100.6 150.8
129 102.4 77.6 116.4
131 57.2 73.0 109.6#



#68
m/p-Xylenes
Concen: 0.308 ug/l
RT: 10.293 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion:106 Resp: 1470
Ion Ratio Lower Upper
106 100
91 192.9 159.6 239.4

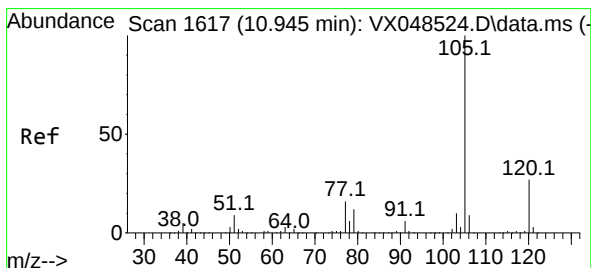
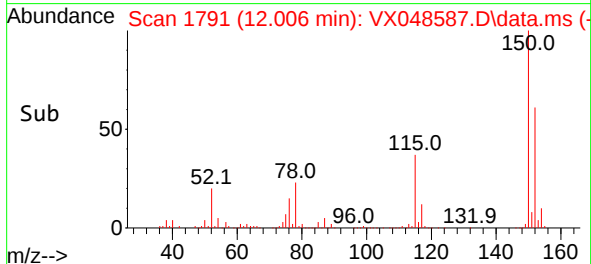
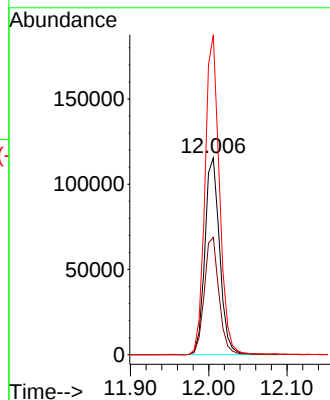
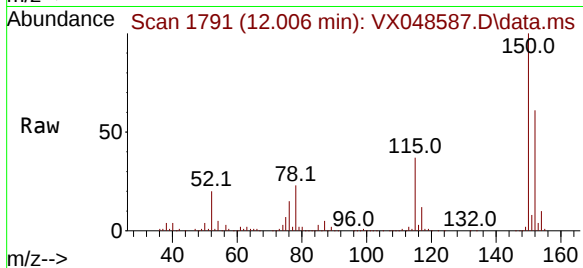




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048587.D
 Acq: 13 Nov 2025 11:34

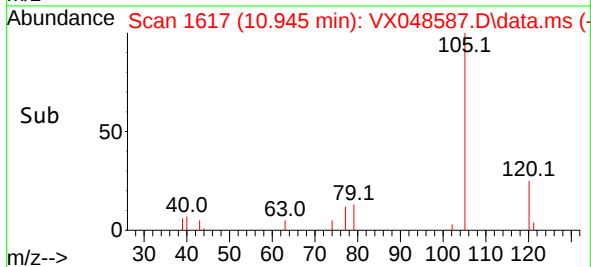
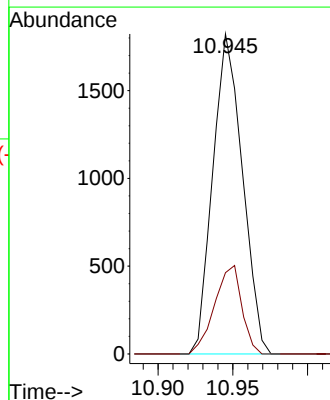
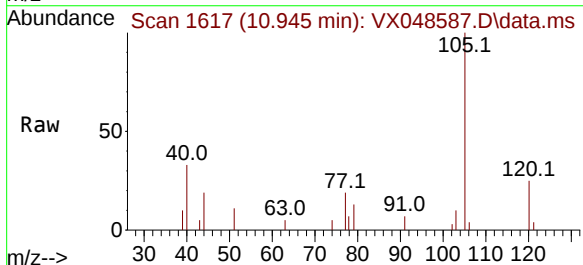
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBL01

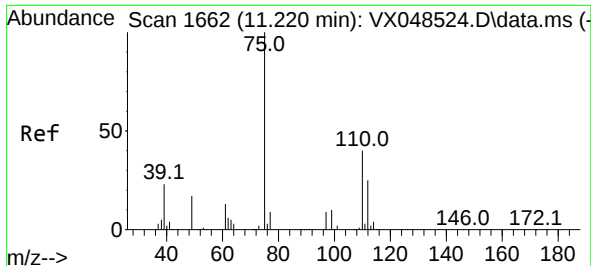
Tgt Ion:152 Resp: 151139
 Ion Ratio Lower Upper
 152 100
 115 59.5 39.2 117.6
 150 158.5 0.0 347.0



#73
 Isopropylbenzene
 Concen: 0.228 ug/l
 RT: 10.945 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VX048587.D
 Acq: 13 Nov 2025 11:34

Tgt Ion:105 Resp: 2505
 Ion Ratio Lower Upper
 105 100
 120 25.4 13.6 40.7

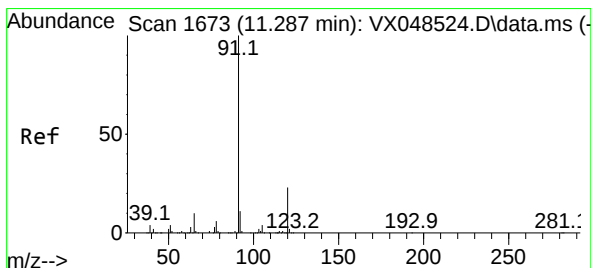
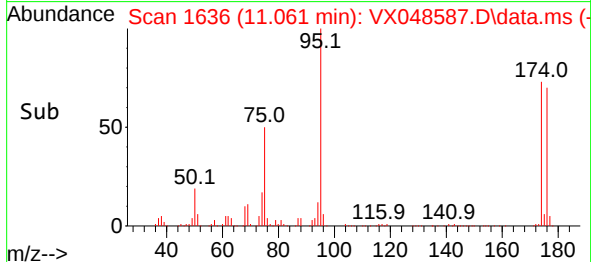
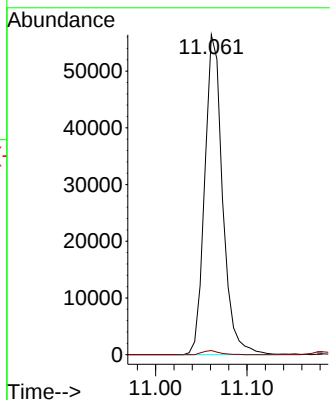
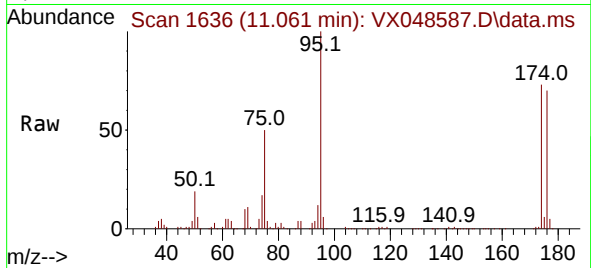




#76
1,2,3-Trichloropropane
Concen: 21.012 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

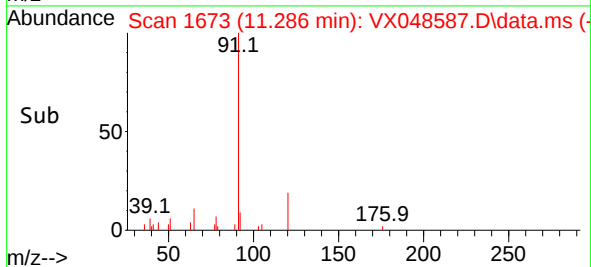
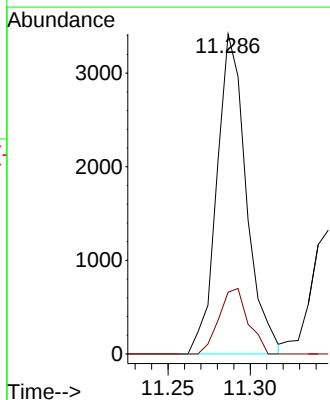
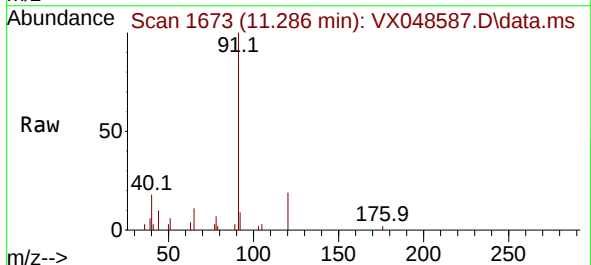
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

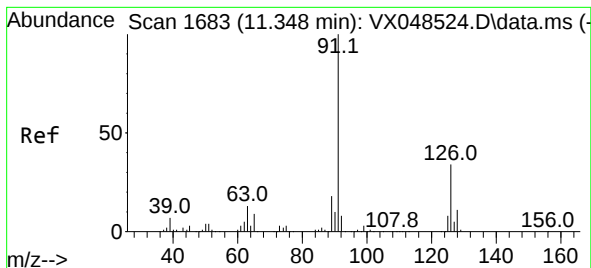
Tgt Ion: 75 Resp: 76507
Ion Ratio Lower Upper
75 100
77 1.2 24.3 72.8#



#78
n-propylbenzene
Concen: 0.330 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 91 Resp: 4260
Ion Ratio Lower Upper
91 100
120 20.2 11.6 34.8

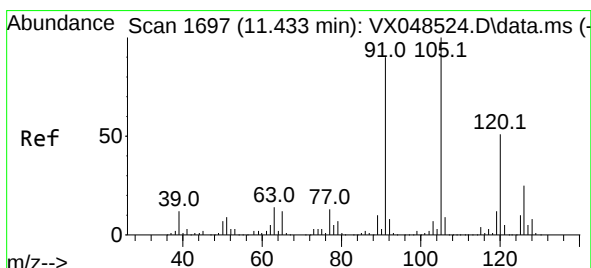
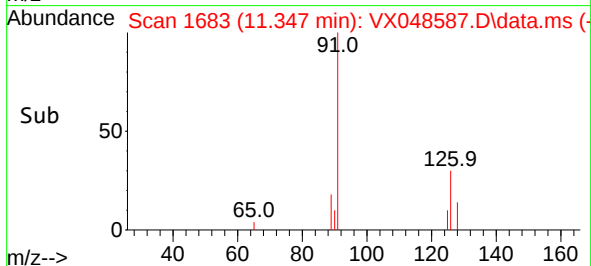
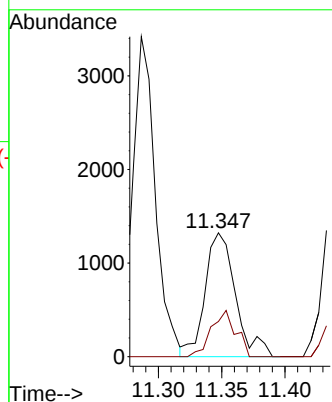
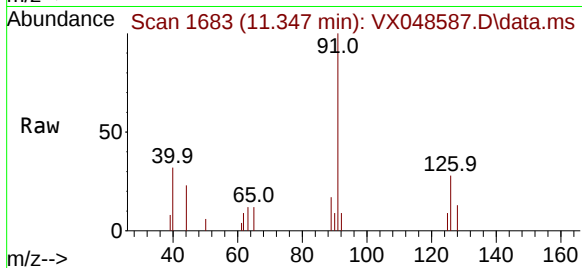




#79
2-Chlorotoluene
Concen: 0.283 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

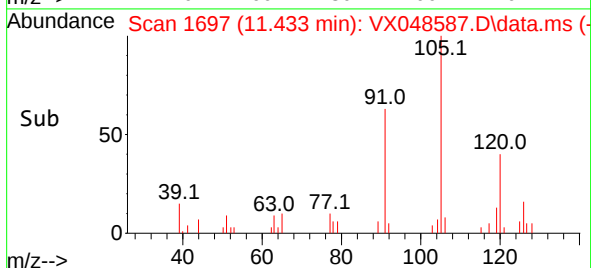
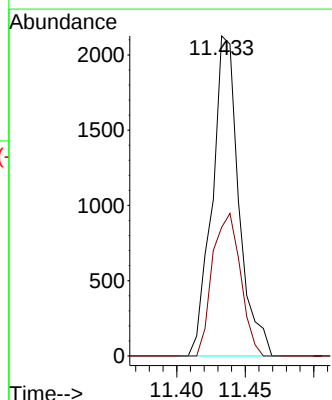
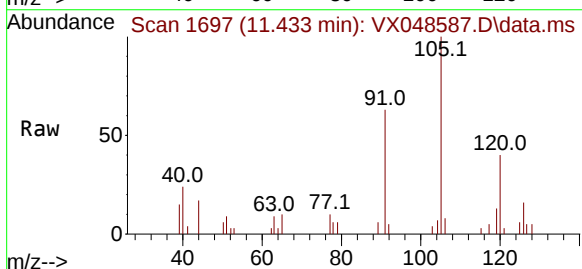
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

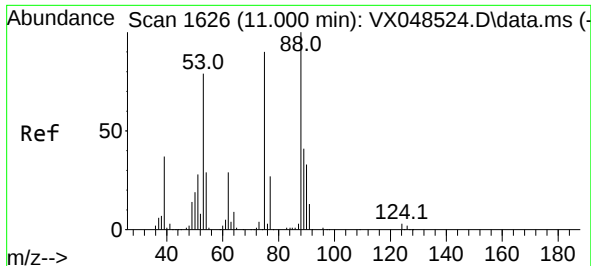
Tgt Ion: 91 Resp: 2204
Ion Ratio Lower Upper
91 100
126 30.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 0.322 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 105 Resp: 2881
Ion Ratio Lower Upper
105 100
120 46.7 25.1 75.2

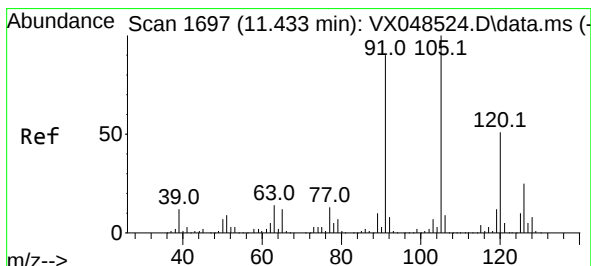
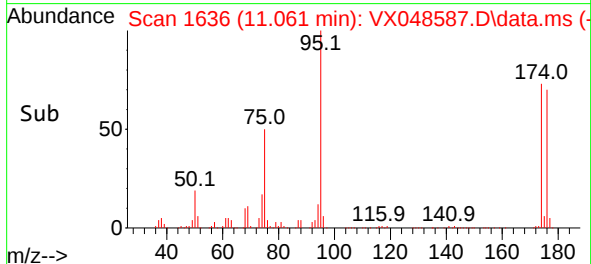
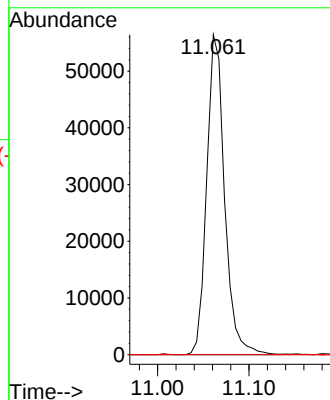
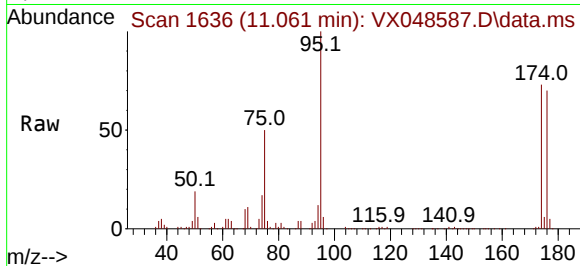




#81
trans-1,4-Dichloro-2-butene
Concen: 60.100 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

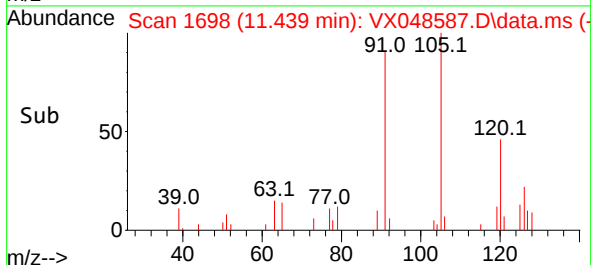
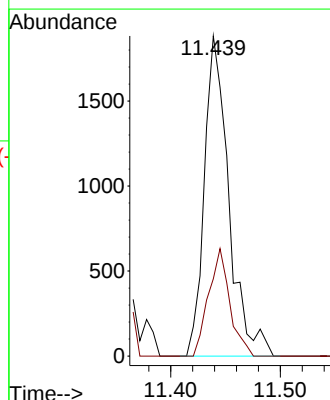
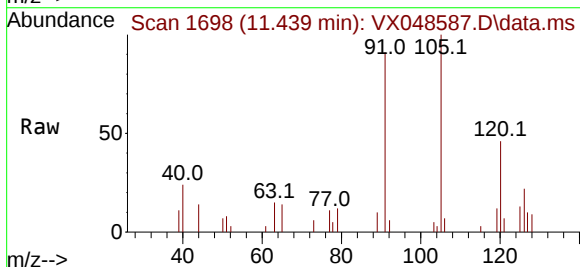
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

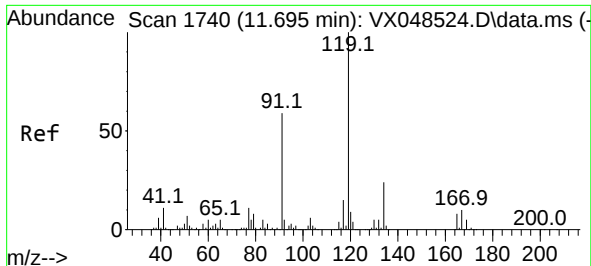
Tgt Ion: 75 Resp: 76507
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 43.6 65.4#



#82
4-Chlorotoluene
Concen: 0.318 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 91 Resp: 2912
Ion Ratio Lower Upper
91 100
126 29.2 14.9 44.7

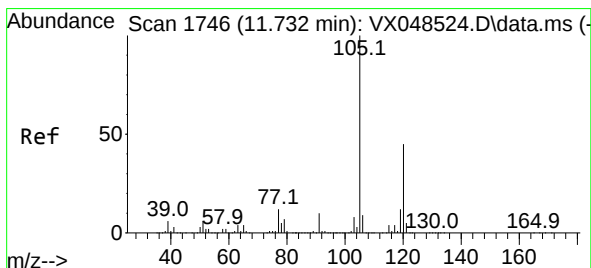
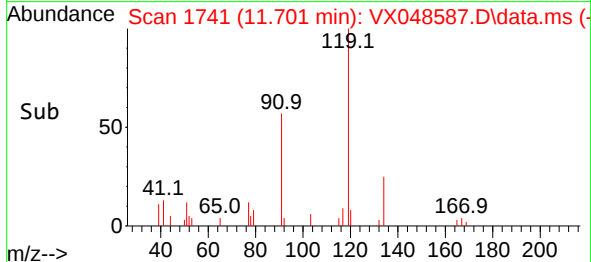
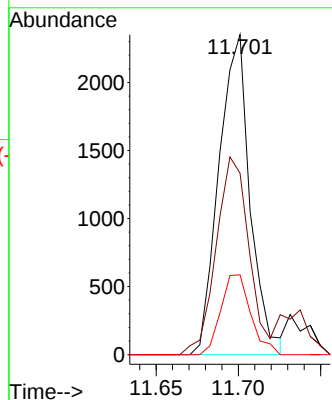
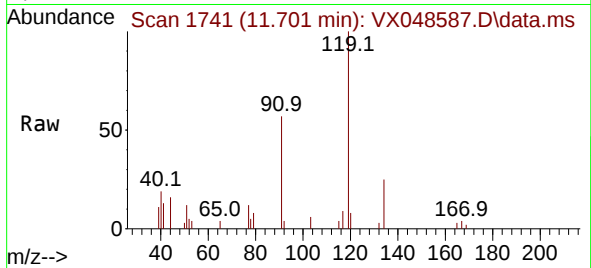




#83
tert-Butylbenzene
Concen: 0.335 ug/l
RT: 11.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

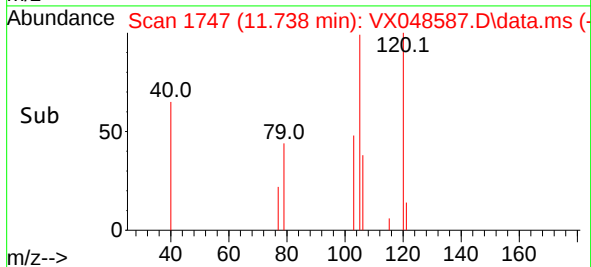
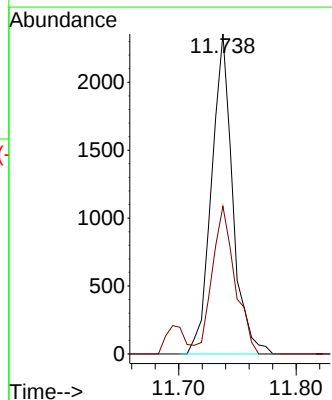
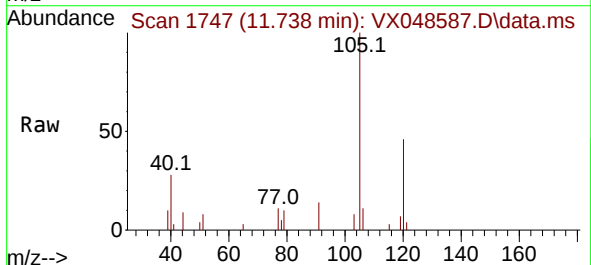
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

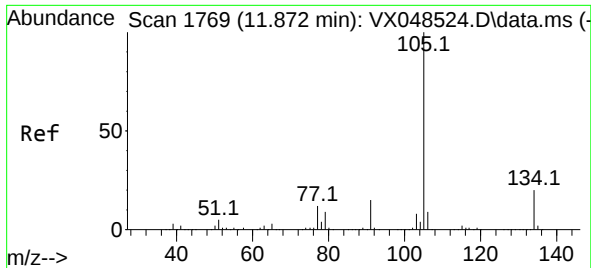
Tgt Ion:119 Resp: 3099
Ion Ratio Lower Upper
119 100
91 64.9 27.1 81.3
134 24.0 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 0.326 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion:105 Resp: 2945
Ion Ratio Lower Upper
105 100
120 49.6 22.4 67.0

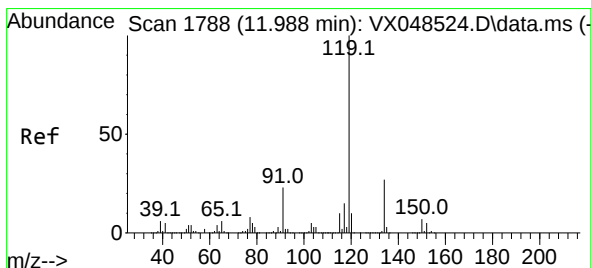
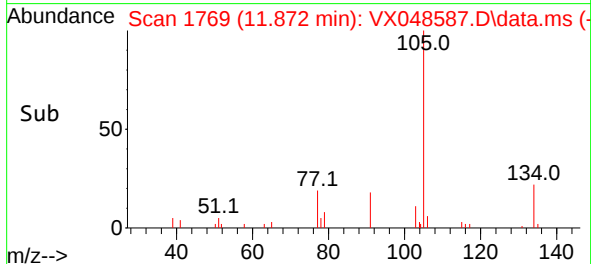
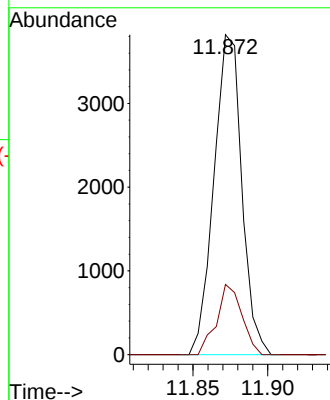
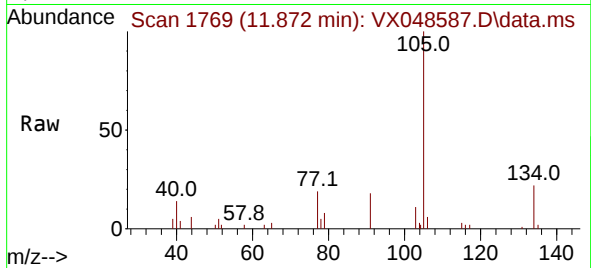




#85
 sec-Butylbenzene
 Concen: 0.433 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048587.D
 Acq: 13 Nov 2025 11:34

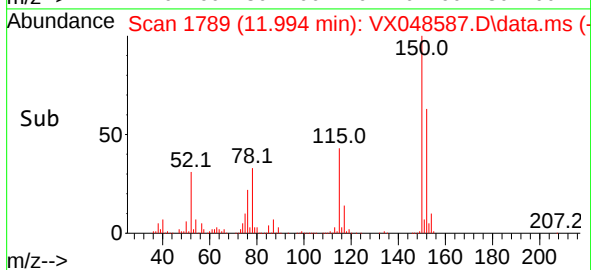
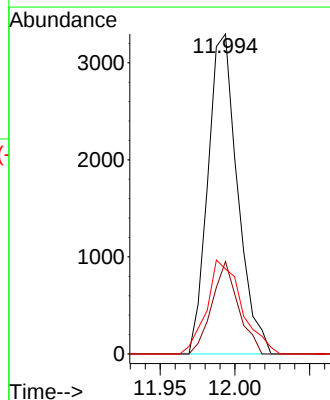
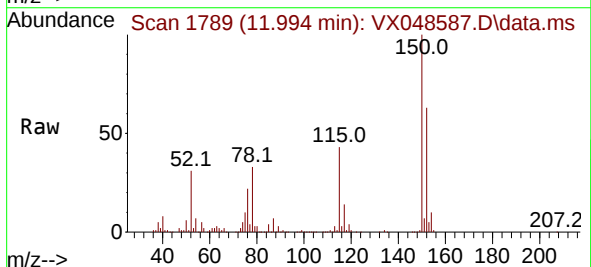
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBL01

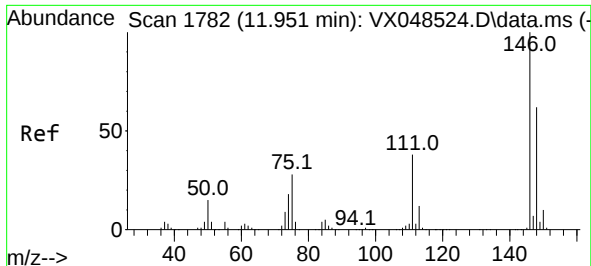
Tgt Ion:105 Resp: 4953
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.472 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048587.D
 Acq: 13 Nov 2025 11:34

Tgt Ion:119 Resp: 4540
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 34.8 11.3 33.9#





#87

1,3-Dichlorobenzene

Concen: 0.411 ug/l

RT: 11.957 min Scan# 1783

Delta R.T. 0.006 min

Lab File: VX048587.D

Acq: 13 Nov 2025 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBL01

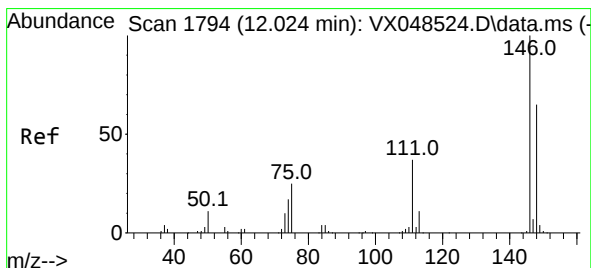
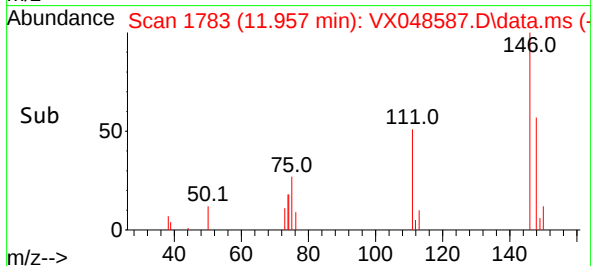
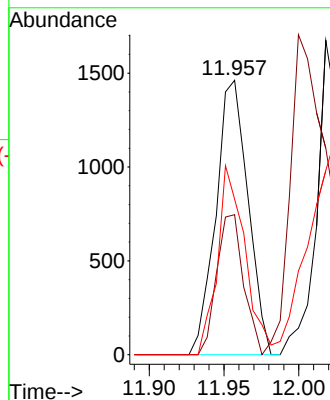
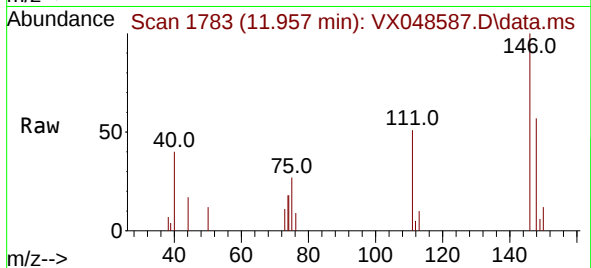
Tgt Ion:146 Resp: 2184

Ion Ratio Lower Upper

146 100

111 42.8 19.8 59.4

148 59.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.398 ug/l

RT: 11.957 min Scan# 1783

Delta R.T. -0.067 min

Lab File: VX048587.D

Acq: 13 Nov 2025 11:34

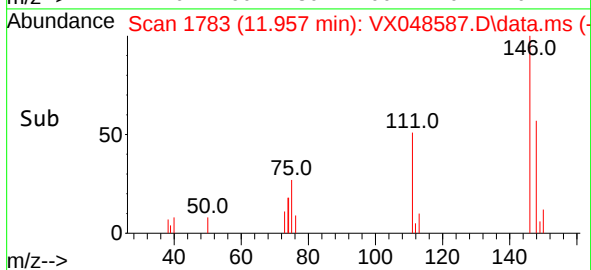
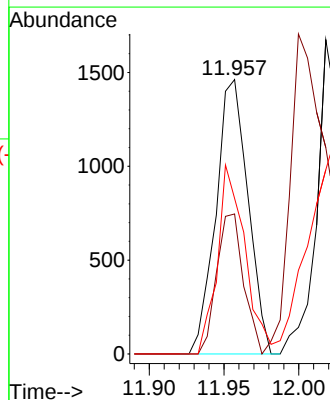
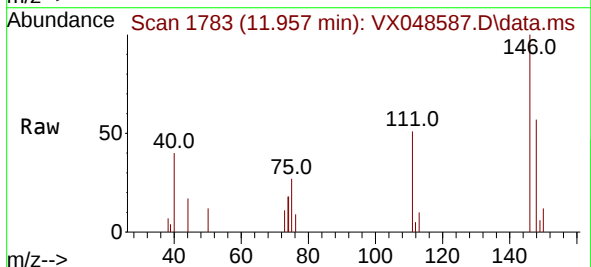
Tgt Ion:146 Resp: 2184

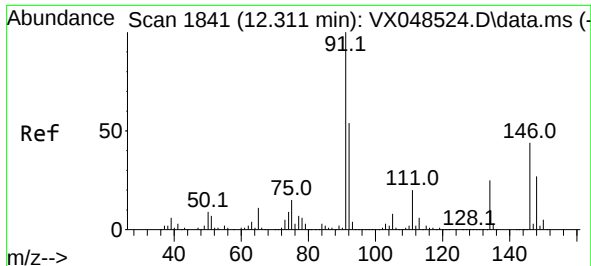
Ion Ratio Lower Upper

146 100

111 42.8 19.2 57.6

148 59.0 31.9 95.9





#89

n-Butylbenzene

Concen: 0.612 ug/l

RT: 12.317 min Scan# 1841

Delta R.T. 0.006 min

Lab File: VX048587.D

Acq: 13 Nov 2025 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113WBL01

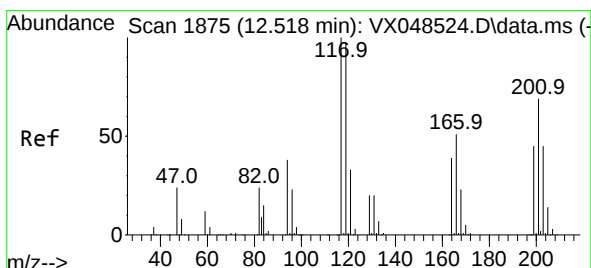
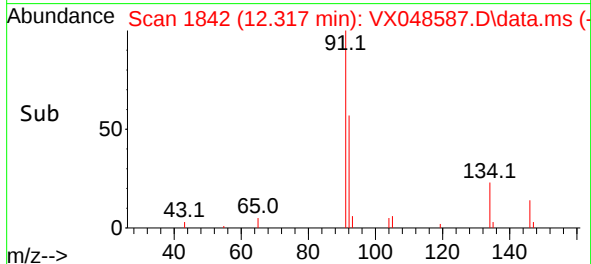
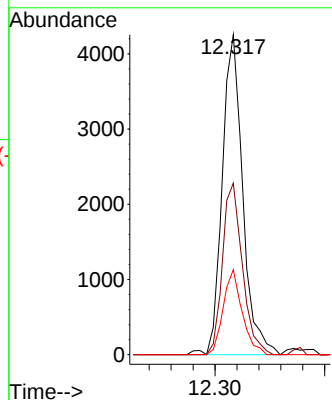
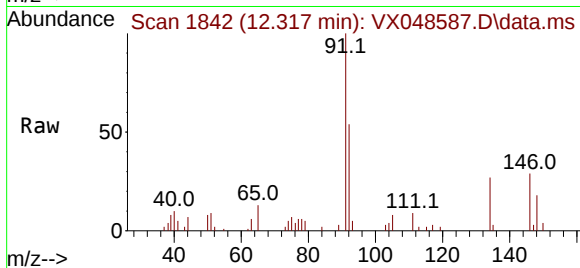
Tgt Ion: 91 Resp: 5521

Ion Ratio Lower Upper

91 100

92 52.1 27.2 81.5

134 24.6 13.0 39.0



#90

Hexachloroethane

Concen: 0.518 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048587.D

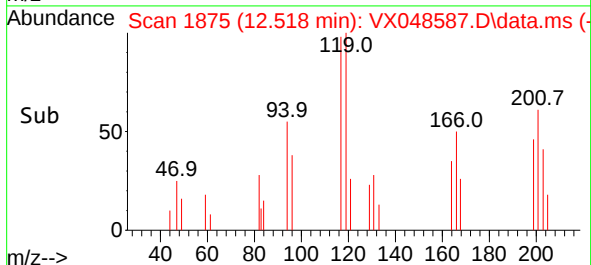
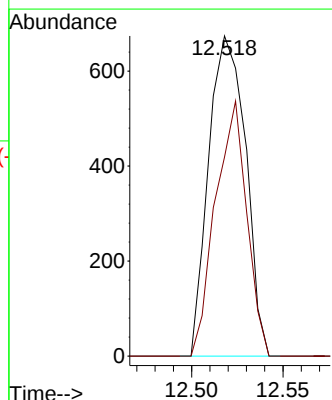
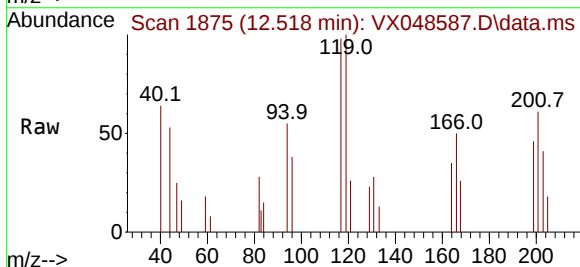
Acq: 13 Nov 2025 11:34

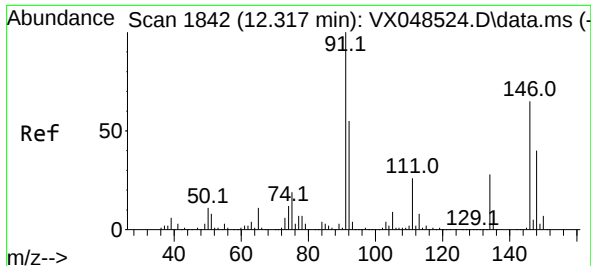
Tgt Ion: 117 Resp: 948

Ion Ratio Lower Upper

117 100

201 67.5 35.9 107.8

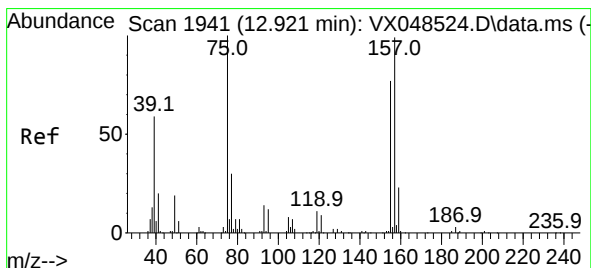
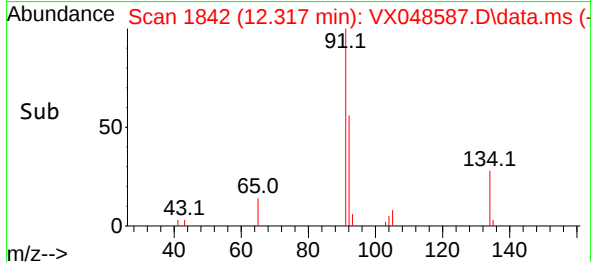
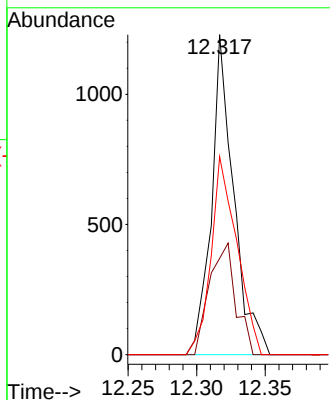
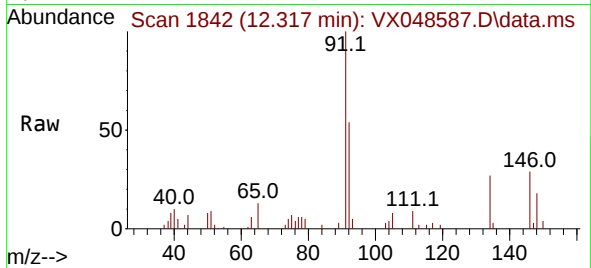




#91
1,2-Dichlorobenzene
Concen: 0.273 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

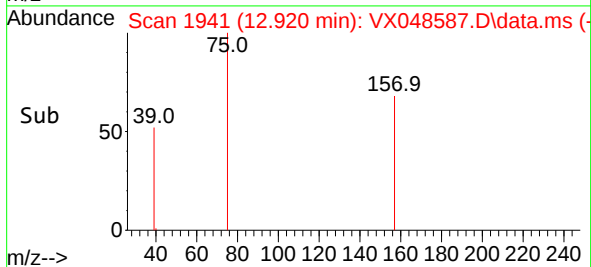
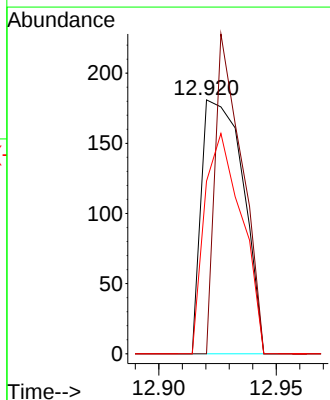
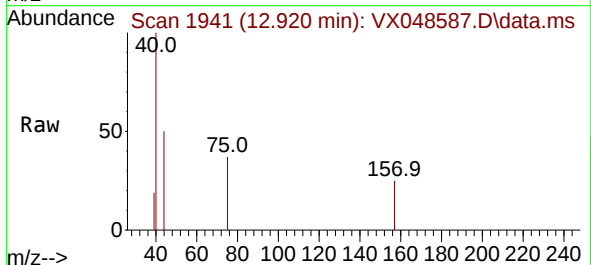
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

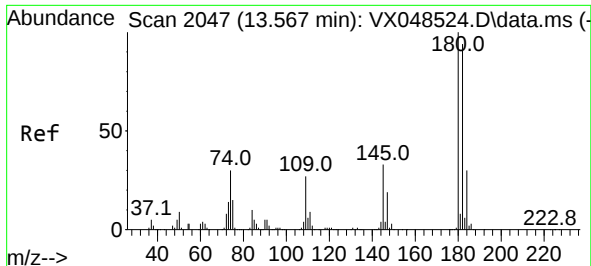
Tgt Ion:146 Resp: 1389
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.9
148 71.9 31.4 94.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.248 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion: 75 Resp: 223
Ion Ratio Lower Upper
75 100
155 81.6 43.5 130.7
157 77.6 54.8 164.4

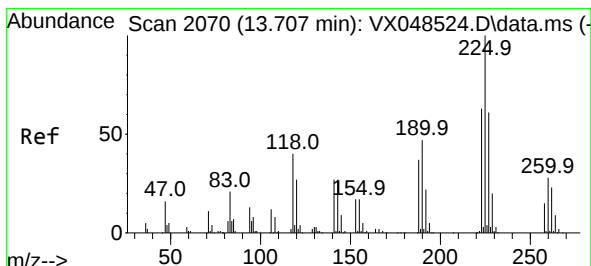
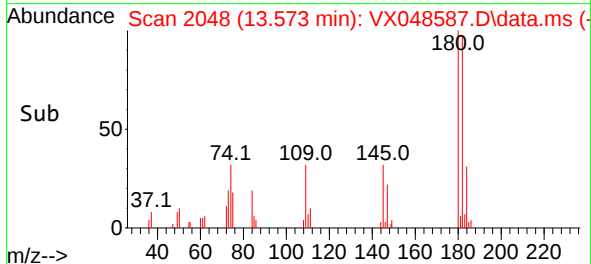
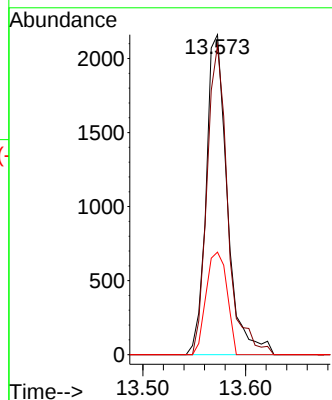
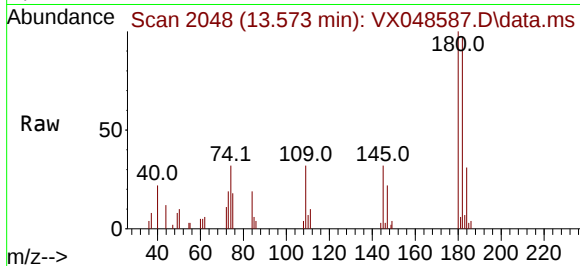




#93
1,2,4-Trichlorobenzene
Concen: 0.915 ug/l
RT: 13.573 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

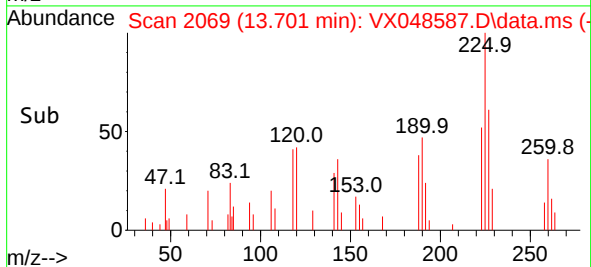
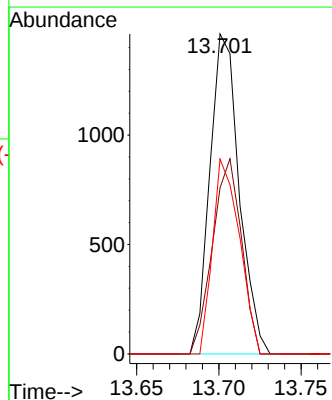
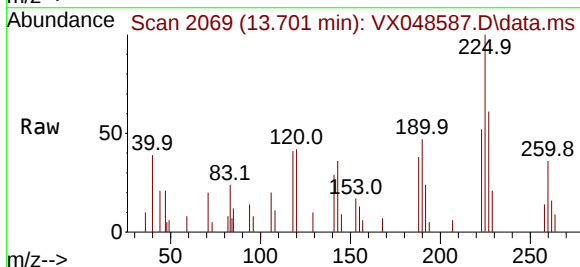
Instrument :
MSVOA_X
ClientSampleId :
VX1113WBL01

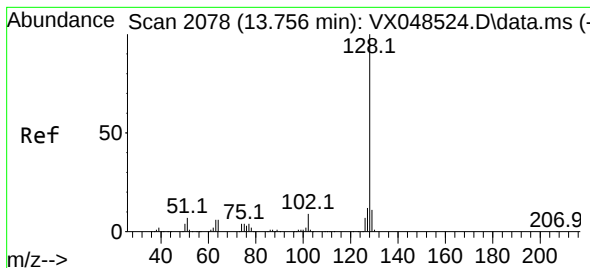
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.6
145	31.5	15.9	47.7



#94
Hexachlorobutadiene
Concen: 1.281 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VX048587.D
Acq: 13 Nov 2025 11:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	30.6	92.0
227	55.7	32.5	97.4





#95

Naphthalene

Concen: 0.510 ug/l

RT: 13.762 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX048587.D

Acq: 13 Nov 2025 11:34

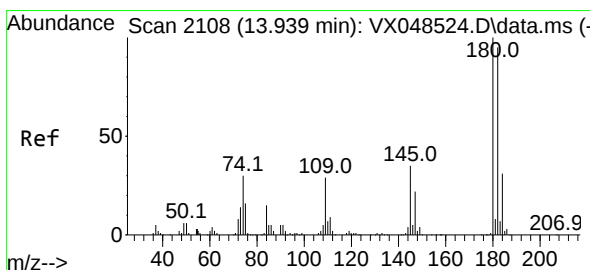
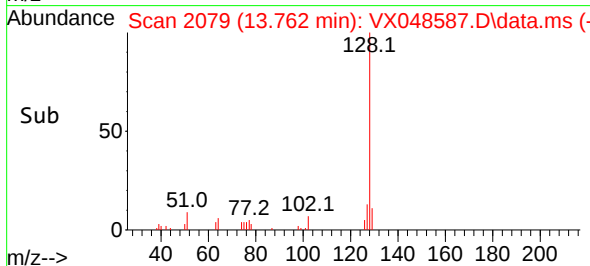
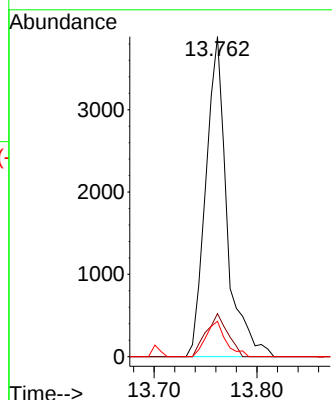
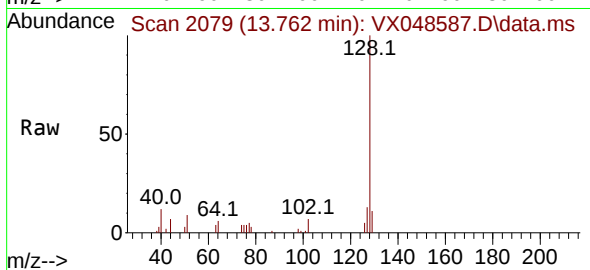
Instrument :

MSVOA_X

ClientSampleId :

VX1113WBL01

Tgt Ion:	128	Resp:	5550
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.1	15.1
129	10.4	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.809 ug/l

RT: 13.945 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX048587.D

Acq: 13 Nov 2025 11:34

Tgt Ion:	180	Resp:	2550
Ion	Ratio	Lower	Upper
180	100		
182	90.0	47.3	142.0
145	29.6	16.7	50.0

