

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046161.D
 Acq On : 13 May 2025 13:15
 Operator : JC/MD
 Sample : Q2013-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT192D1-GW-20250509

Quant Time: May 14 01:38:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

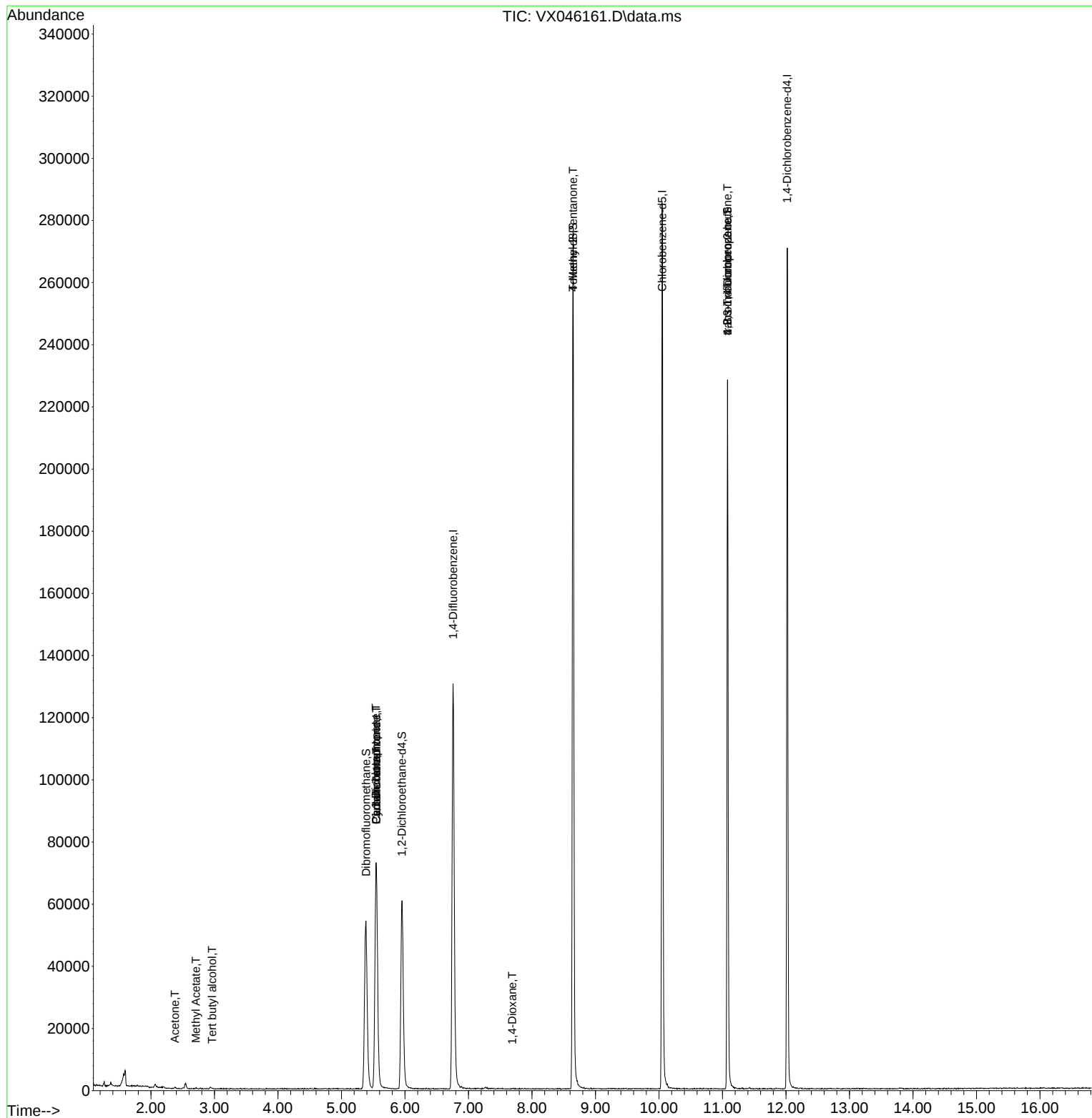
Internal Standards						
1) Pentafluorobenzene	5.550	168	62654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63191	54.099	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.200%			
35) Dibromofluoromethane	5.385	113	47066	52.680	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.360%			
50) Toluene-d8	8.647	98	156741	50.688	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.380%			
62) 4-Bromofluorobenzene	11.079	95	60598	51.087	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.180%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	43	0.262	ug/l #	72
16) Acetone	2.380	43	452	0.965	ug/l #	48
18) Methyl Acetate	2.709	43	369	0.340	ug/l #	55
31) Cyclohexane	5.550	56	1938	1.392	ug/l #	43
36) 1,1-Dichloropropene	5.544	75	6106	5.087	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7272	5.392	ug/l #	19
49) 1,4-Dioxane	7.690	88	47	2.142	ug/l #	72
51) 4-Methyl-2-Pentanone	8.647	43	863	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35245	29.814	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35245	97.066	ug/l #	1

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

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BP-TT192D1-GW-20250509

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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QLast Update : Tue May 06 07:12:22 2025
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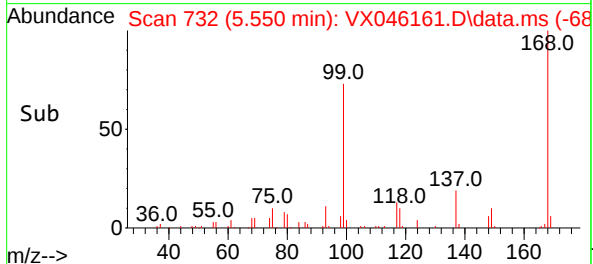
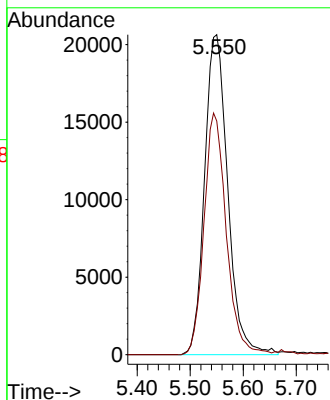
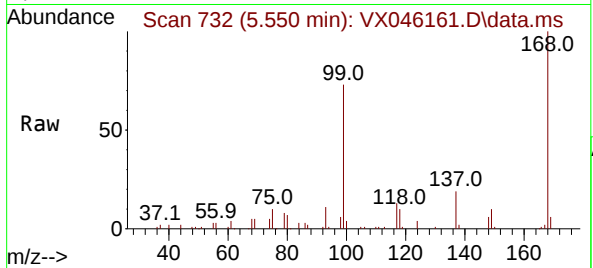




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

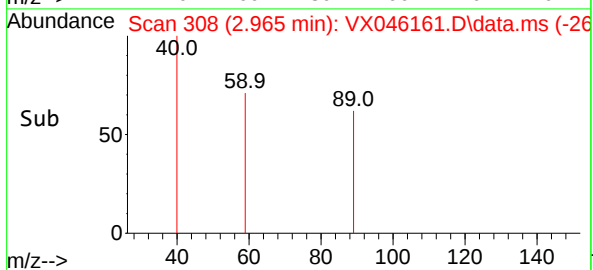
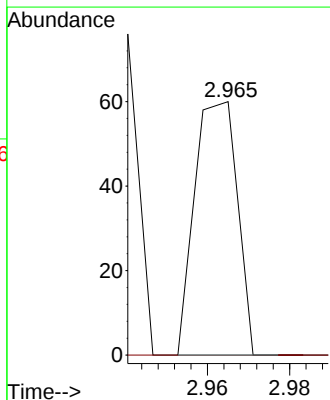
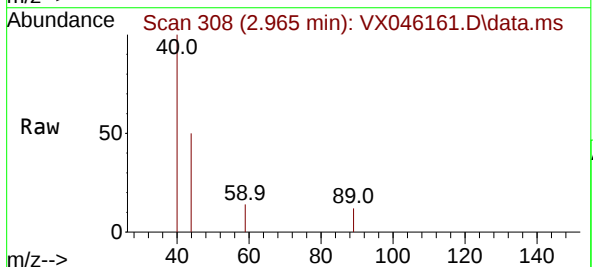
Instrument :
MSVOA_X
ClientSampleId :
BP-TT192D1-GW-20250509

Tgt Ion:168 Resp: 62654
Ion Ratio Lower Upper
168 100
99 73.0 54.9 82.3



#11
Tert butyl alcohol
Concen: 0.262 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Tgt Ion: 59 Resp: 43
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

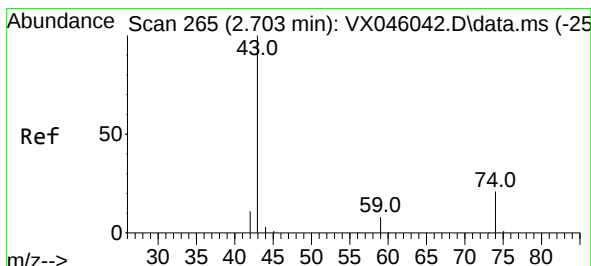
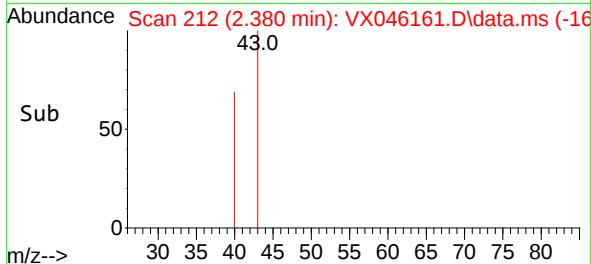
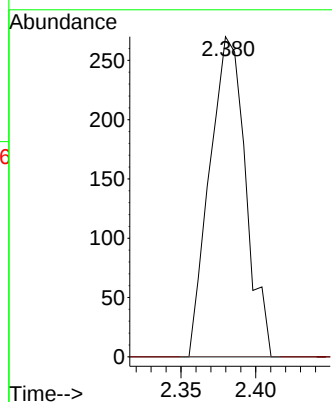
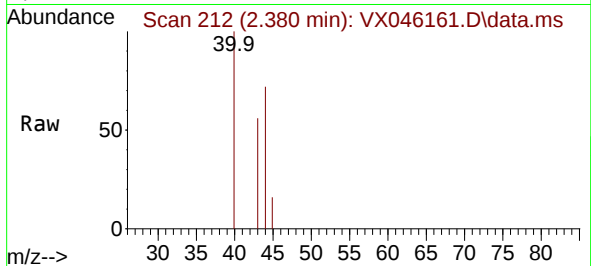




#16
Acetone
Concen: 0.965 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

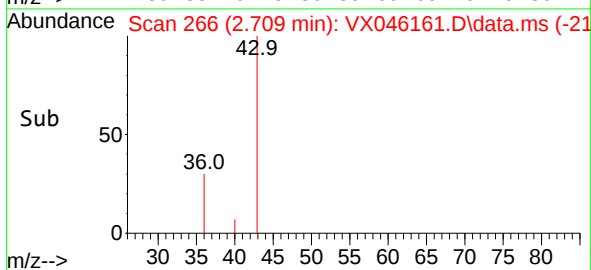
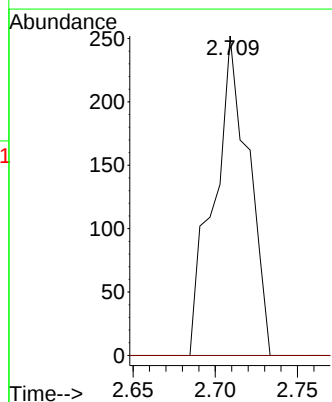
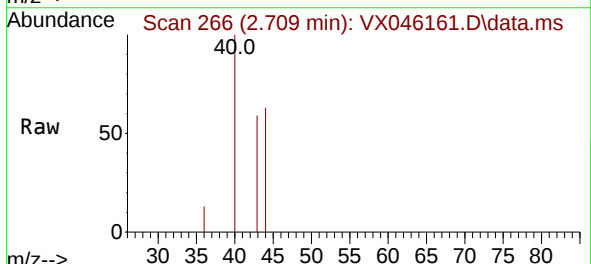
Instrument : MSVOA_X
ClientSampleId : BP-TT192D1-GW-20250509

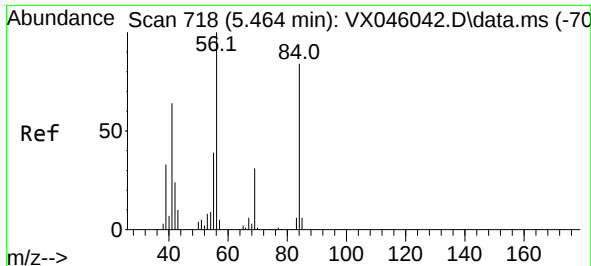
Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#18
Methyl Acetate
Concen: 0.340 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

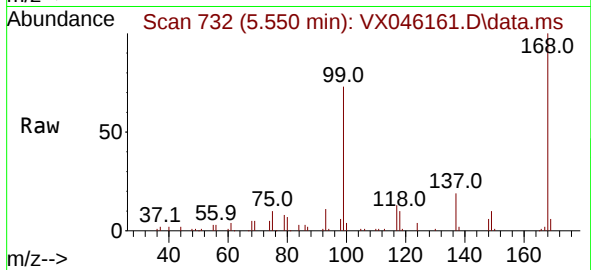
Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



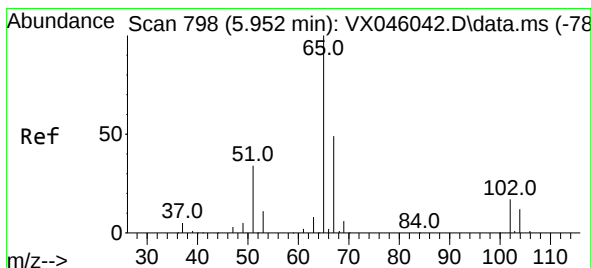
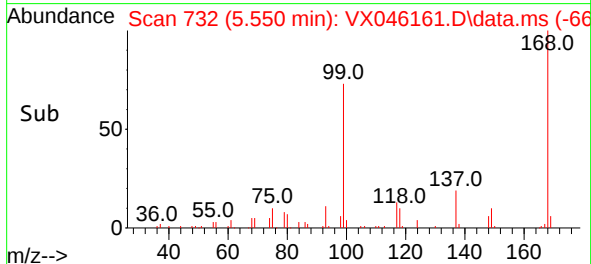
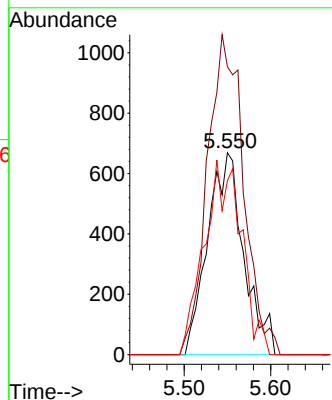


#31
Cyclohexane
Concen: 1.392 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
BP-TT192D1-GW-20250509

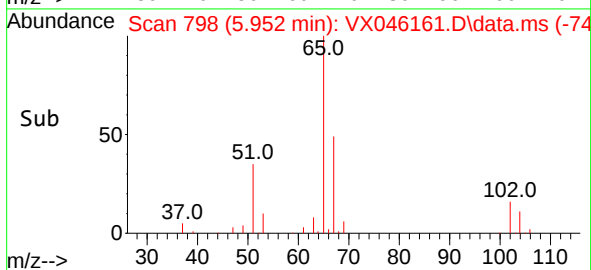
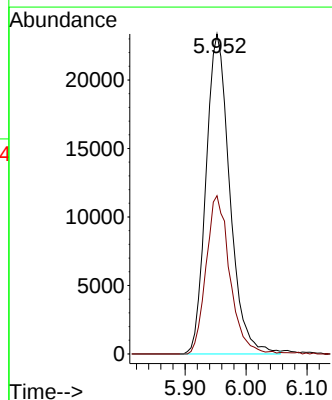
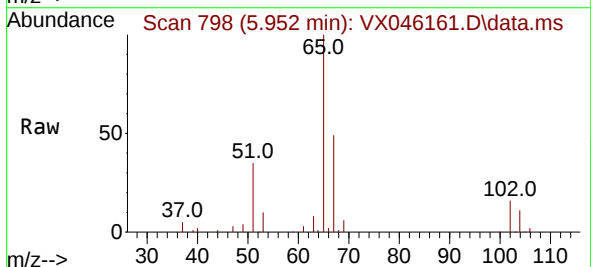


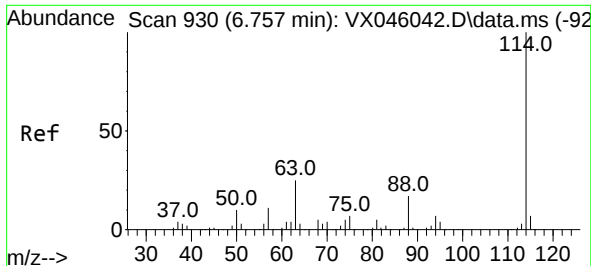
Tgt Ion: 56 Resp: 1938
Ion Ratio Lower Upper
56 100
69 142.6 24.4 36.6#
84 86.1 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 54.099 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Tgt Ion: 65 Resp: 63191
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

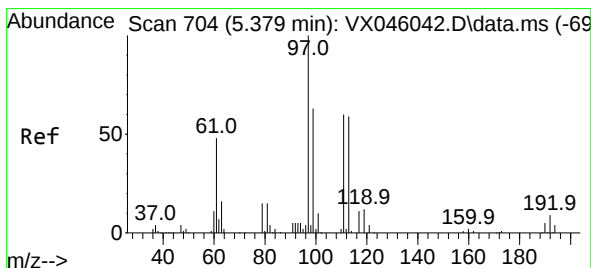
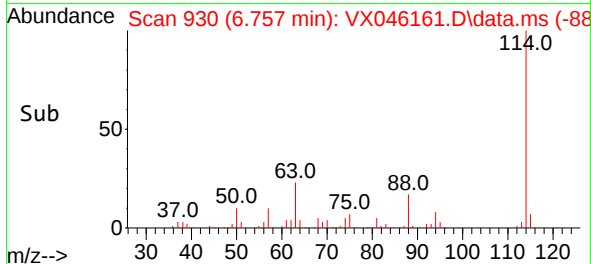
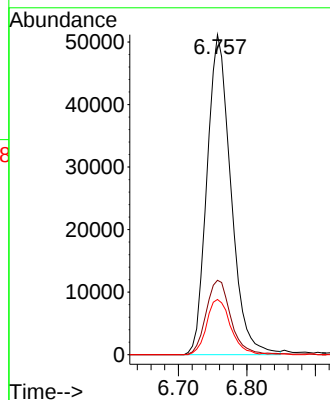
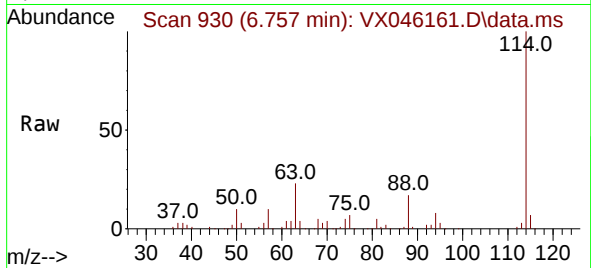




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

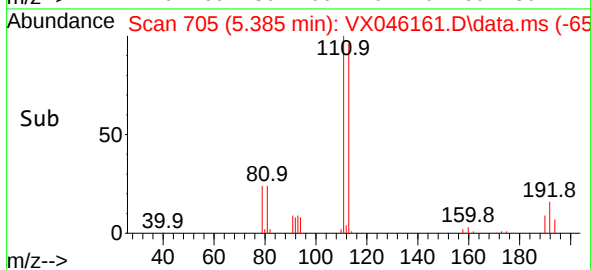
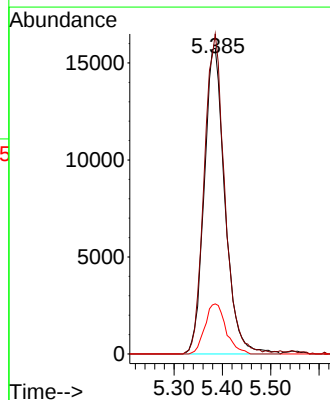
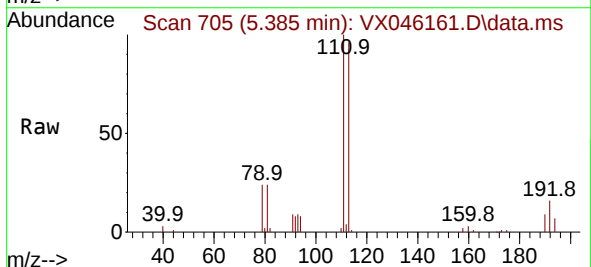
Instrument :
MSVOA_X
ClientSampleId :
BP-TT192D1-GW-20250509

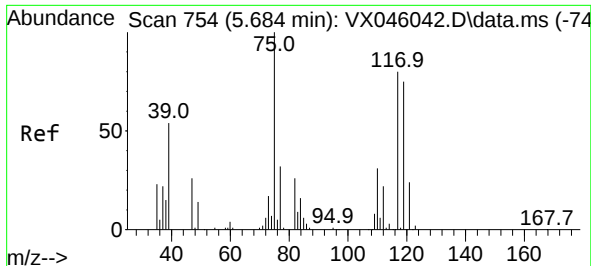
Tgt Ion:114 Resp: 124070
Ion Ratio Lower Upper
114 100
63 23.3 0.0 49.2
88 17.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 52.680 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Tgt Ion:113 Resp: 47066
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 16.5 13.3 19.9

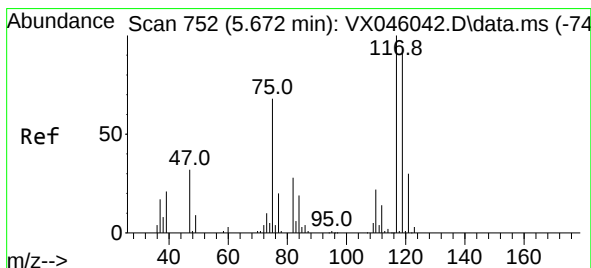
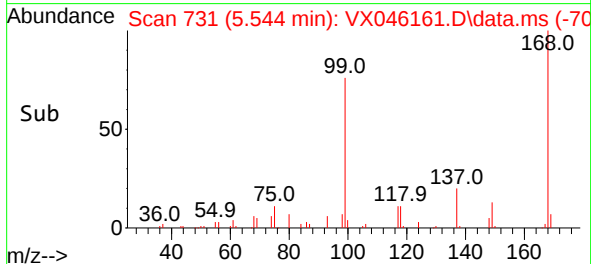
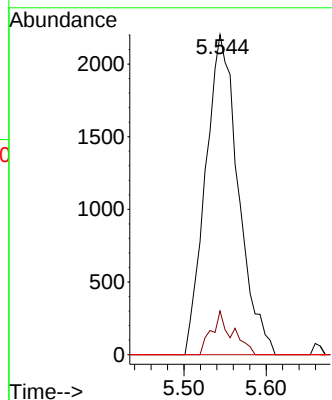
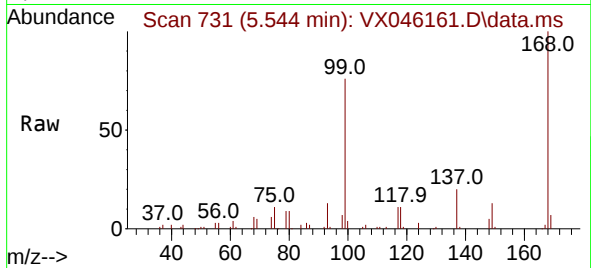




#36
1,1-Dichloropropene
Concen: 5.087 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

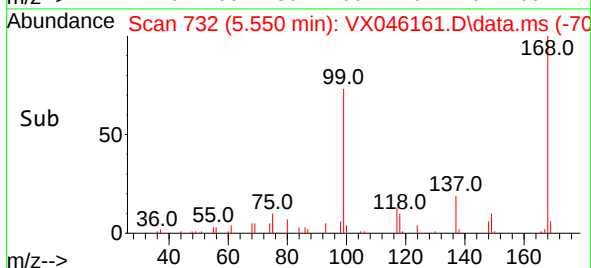
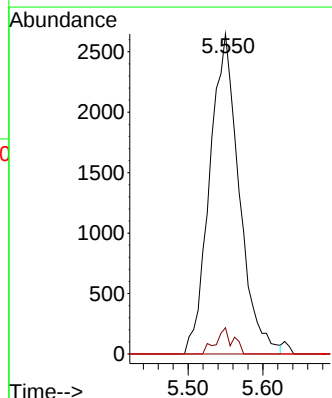
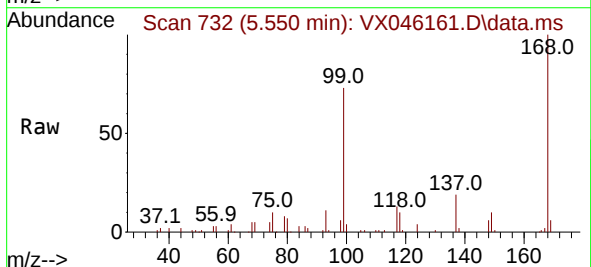
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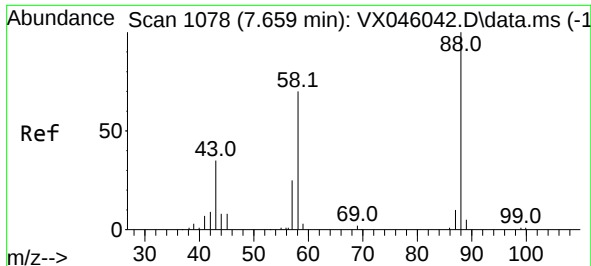
Tgt Ion: 75 Resp: 6106
Ion Ratio Lower Upper
75 100
110 8.7 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Tgt Ion: 117 Resp: 7272
Ion Ratio Lower Upper
117 100
119 8.2 75.2 112.8#
121 0.0 24.2 36.4#

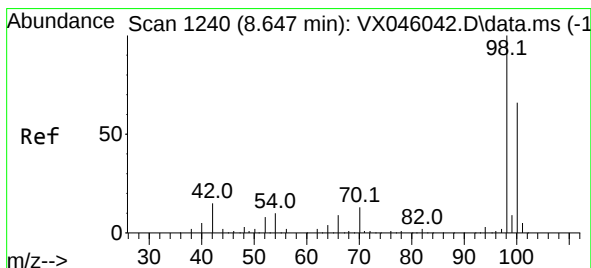
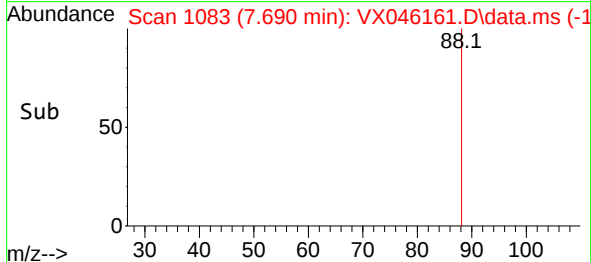
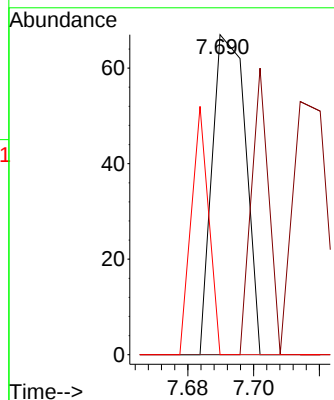
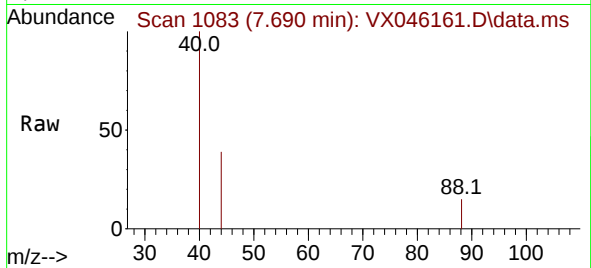




#49
1,4-Dioxane
Concen: 2.142 ug/l
RT: 7.690 min Scan# 1078
Delta R.T. 0.031 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

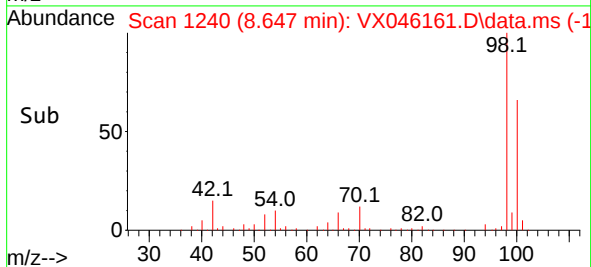
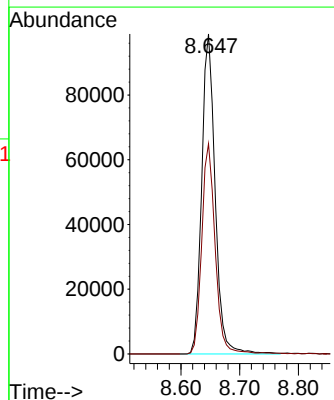
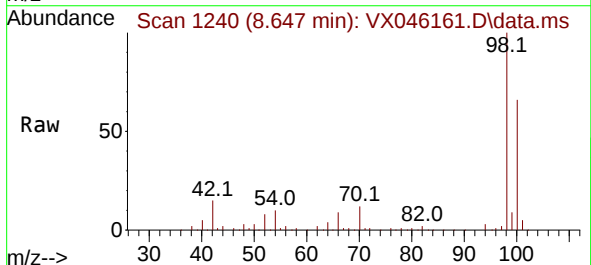
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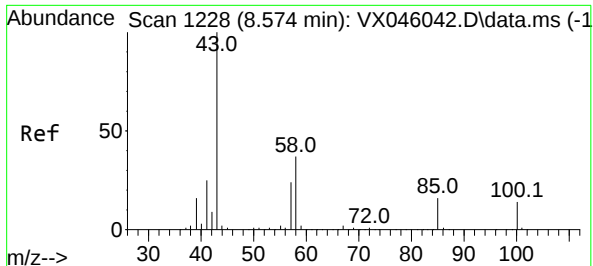
Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 46.8 33.4 50.2
58 40.4 58.6 88.0#



#50
Toluene-d8
Concen: 50.688 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Tgt Ion: 98 Resp: 156741
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3

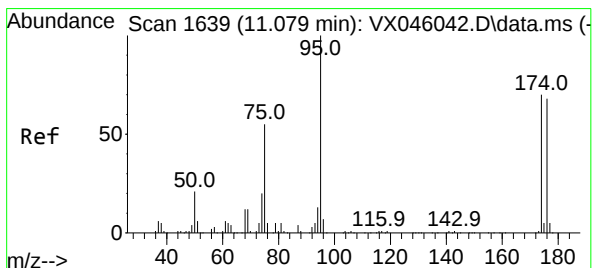
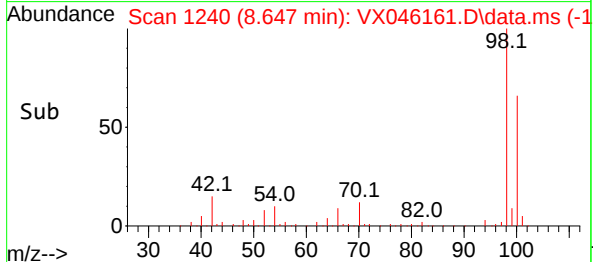
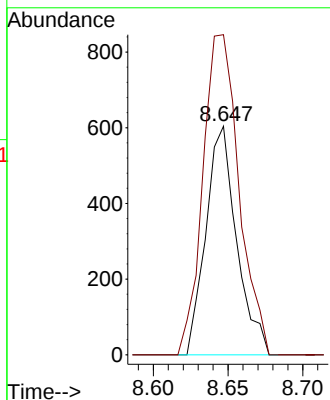
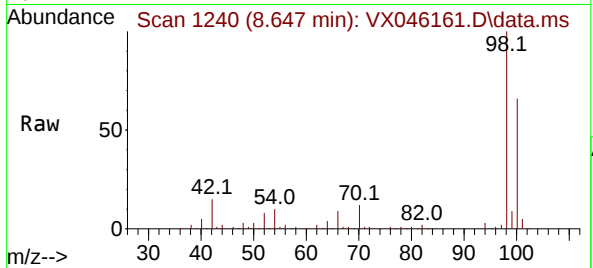




#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

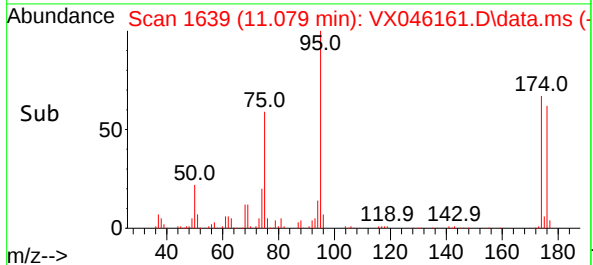
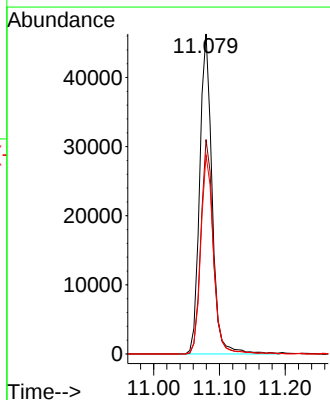
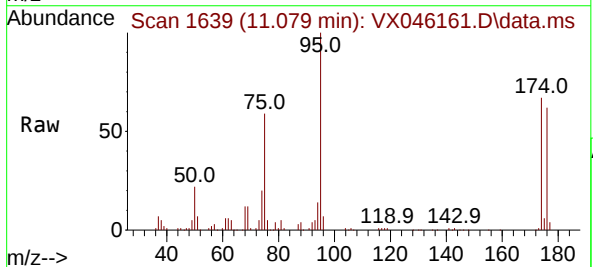
Instrument :
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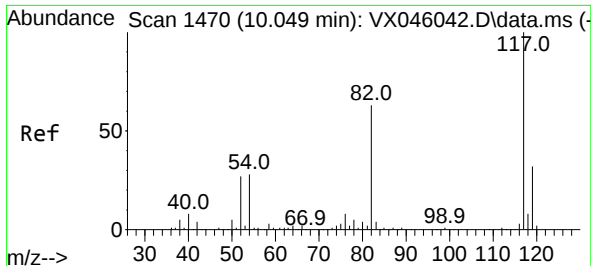
Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
58 165.1 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 51.087 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Tgt Ion: 95 Resp: 60598
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 63.7 0.0 131.4

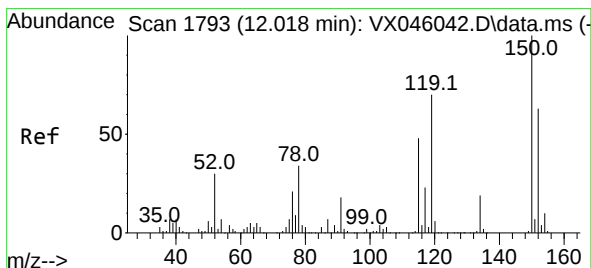
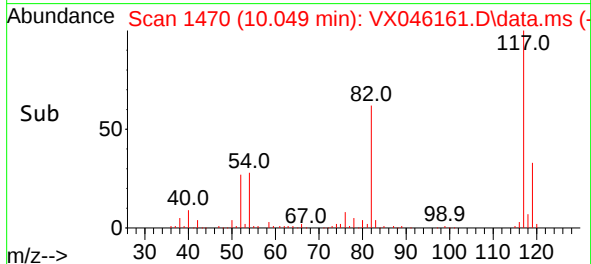
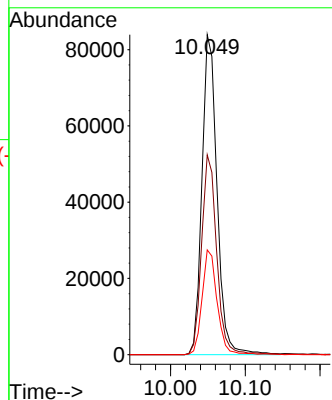
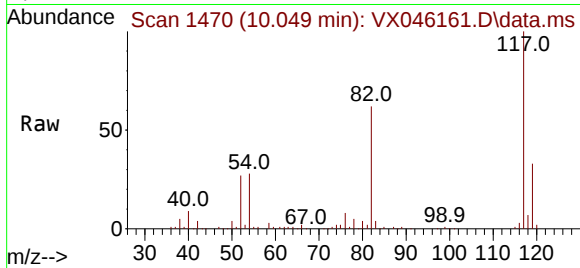




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

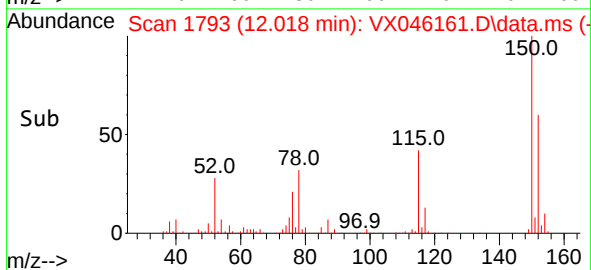
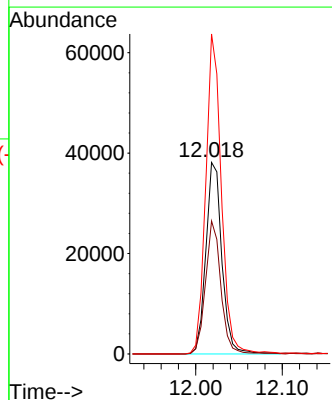
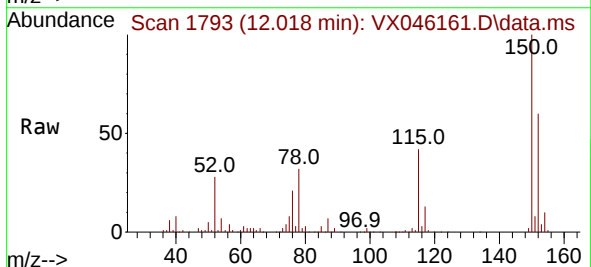
Instrument :
MSVOA_X
ClientSampleId :
BP-TT192D1-GW-20250509

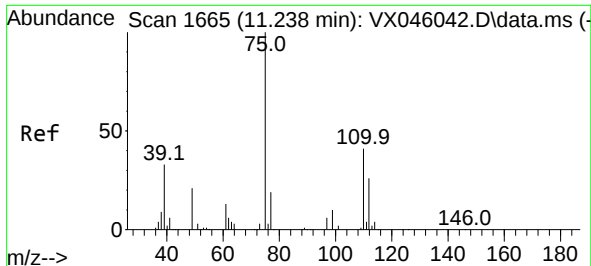
Tgt Ion:117 Resp: 117714
Ion Ratio Lower Upper
117 100
82 62.5 50.6 76.0
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Tgt Ion:152 Resp: 49112
Ion Ratio Lower Upper
152 100
115 66.5 46.9 140.7
150 163.0 0.0 351.0

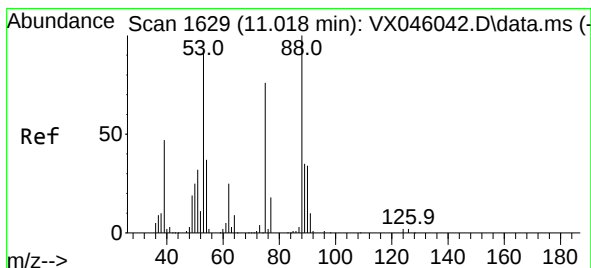
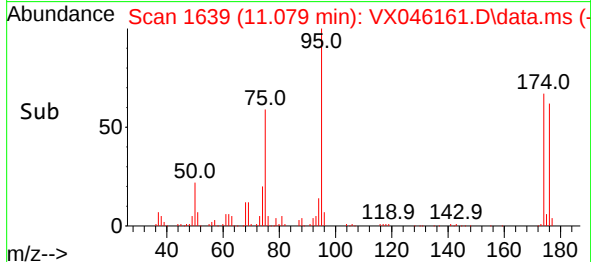
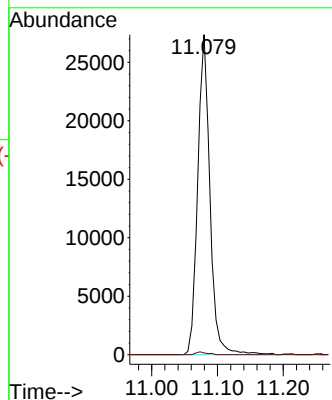
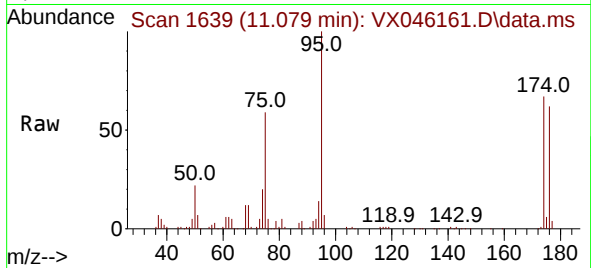




#76
1,2,3-Trichloropropane
Concen: 29.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
BP-TT192D1-GW-20250509

Tgt Ion: 75 Resp: 35245
Ion Ratio Lower Upper
75 100
77 0.8 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046161.D
Acq: 13 May 2025 13:15

Tgt Ion: 75 Resp: 35245
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.2 37.0 55.6#

