

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046216.D
 Acq On : 15 May 2025 16:08
 Operator : JC/MD
 Sample : Q2050-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-240-242

Quant Time: May 16 01:07:35 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)

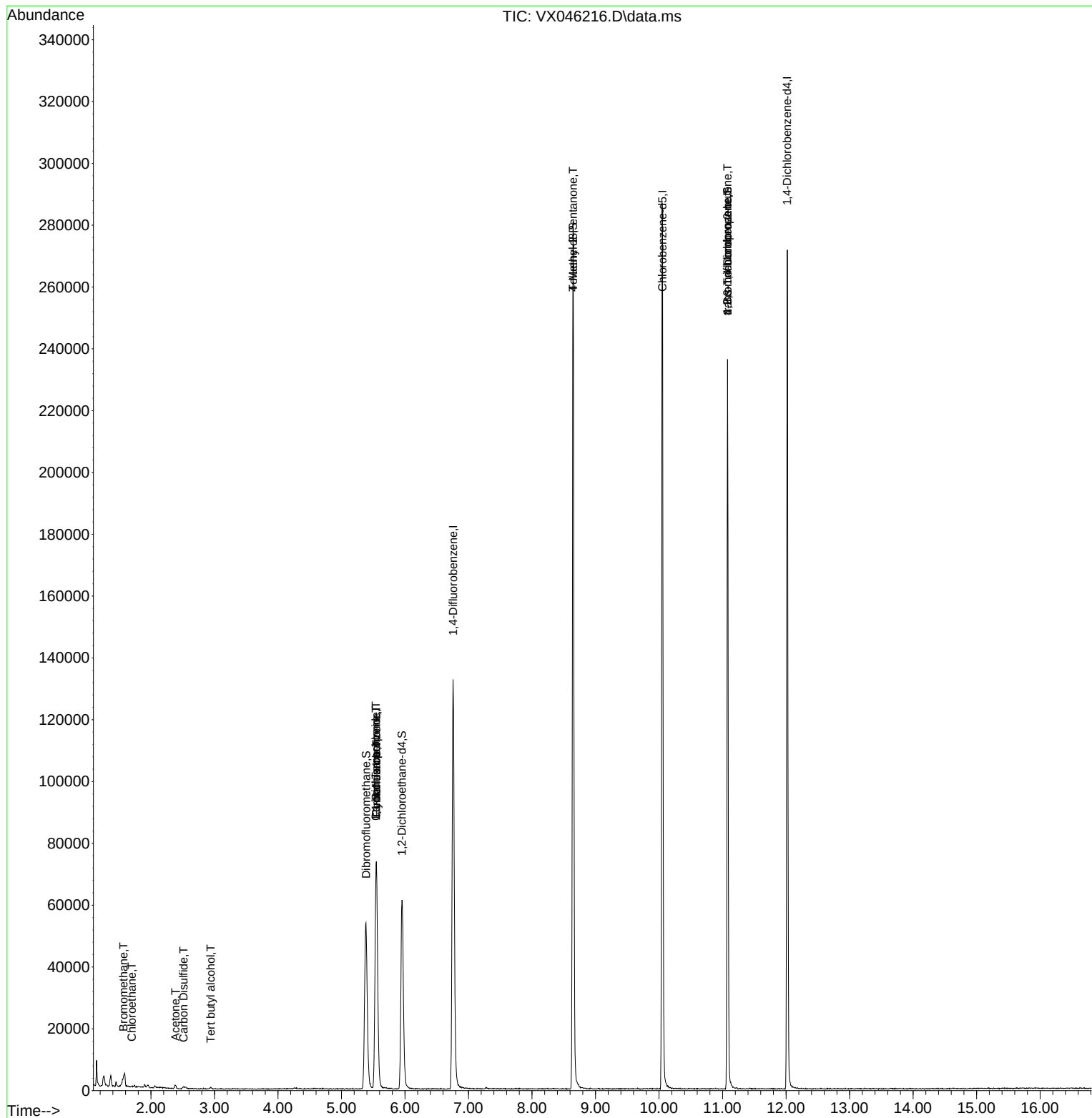
Internal Standards						
1) Pentafluorobenzene	5.550	168	62386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64008	55.033	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.060%	
35) Dibromofluoromethane	5.385	113	47047	52.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.300%	
50) Toluene-d8	8.647	98	157987	50.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	11.079	95	60365	50.400	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.800%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.569	94	83	0.208	ug/l #	4
6) Chloroethane	1.697	64	94	0.204	ug/l #	44
11) Tert butyl alcohol	2.940	59	74	0.453	ug/l #	72
16) Acetone	2.386	43	1365	2.927	ug/l #	82
17) Carbon Disulfide	2.514	76	733	0.418	ug/l #	83
31) Cyclohexane	5.550	56	1942	1.401	ug/l #	6
36) 1,1-Dichloropropene	5.544	75	6117	5.047	ug/l #	52
38) Carbon Tetrachloride	5.544	117	7239	5.315	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	888	0.586	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34692	28.716	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34692	93.491	ug/l #	1

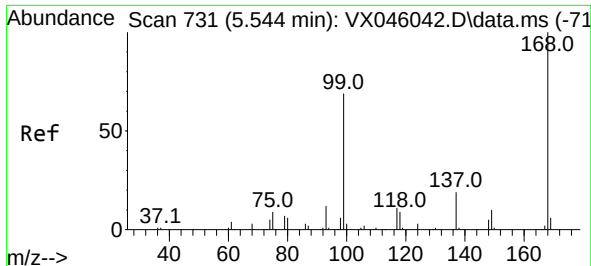
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

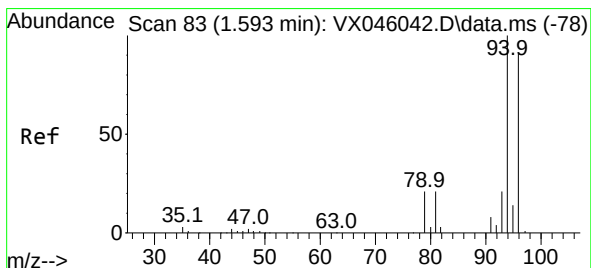
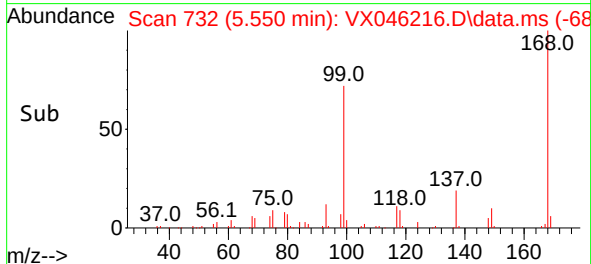
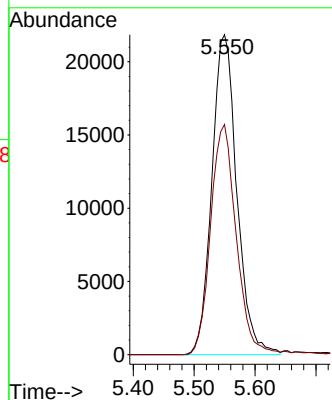
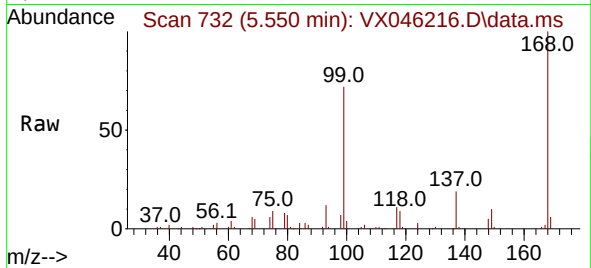




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

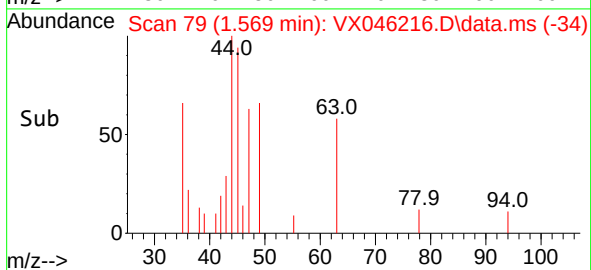
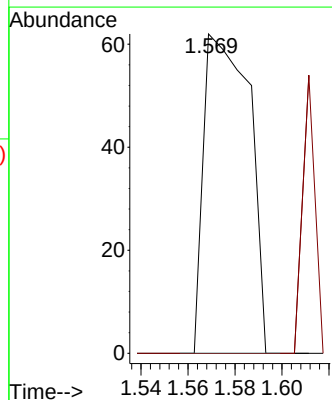
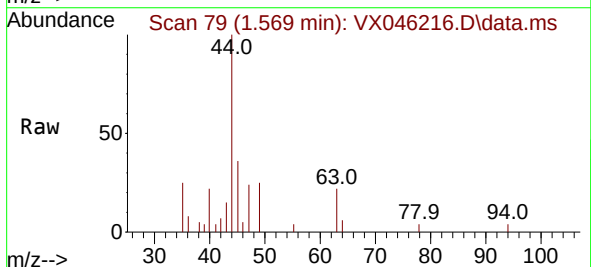
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-240-242

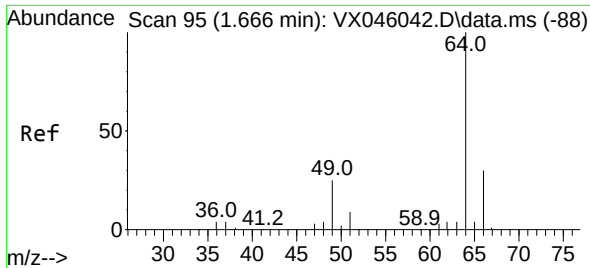
Tgt Ion:168 Resp: 62386
Ion Ratio Lower Upper
168 100
99 72.0 54.9 82.3



#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.569 min Scan# 79
Delta R.T. -0.024 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

Tgt Ion: 94 Resp: 83
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#

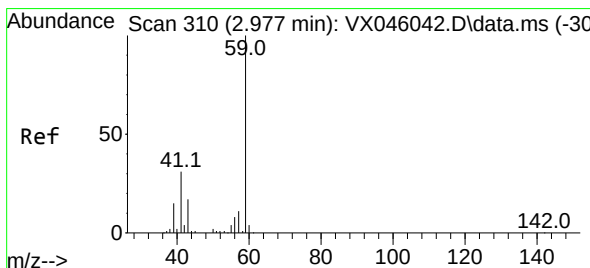
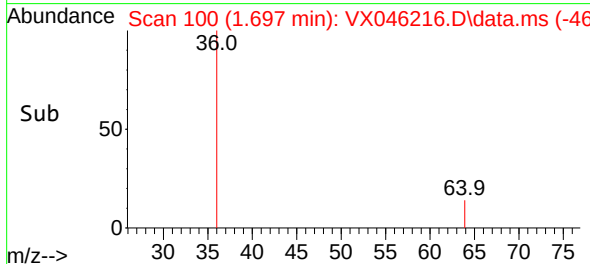
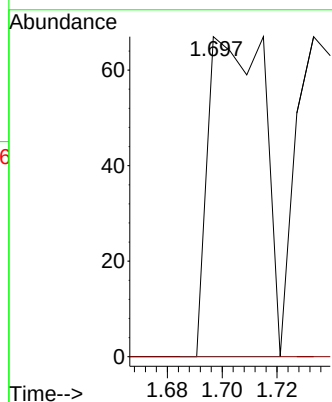
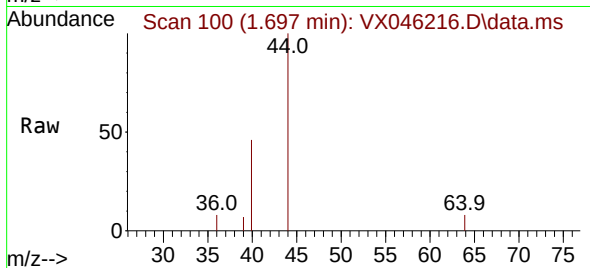




#6
Chloroethane
Concen: 0.204 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.030 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

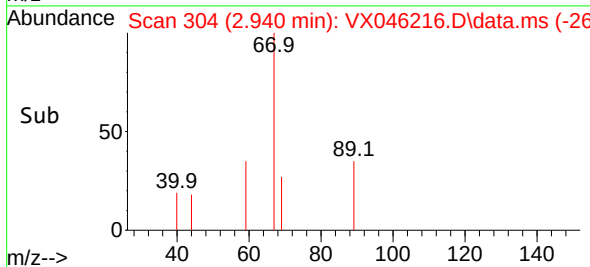
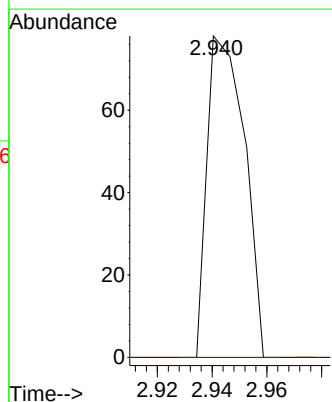
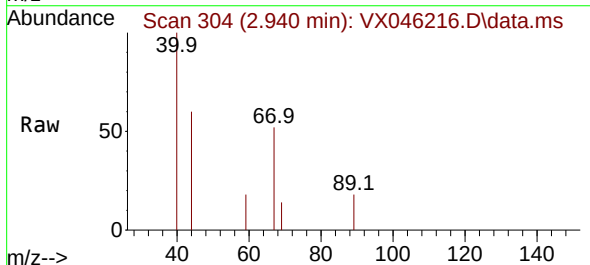
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-240-242

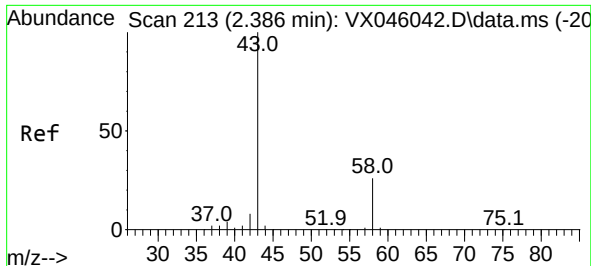
Tgt Ion: 64 Resp: 94
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#11
Tert butyl alcohol
Concen: 0.453 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

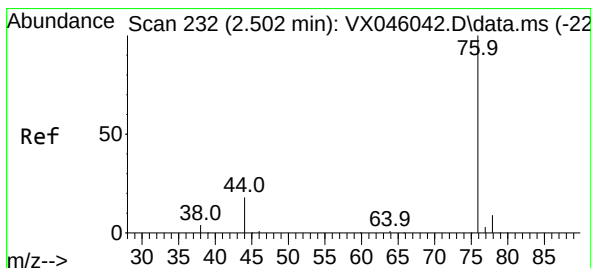
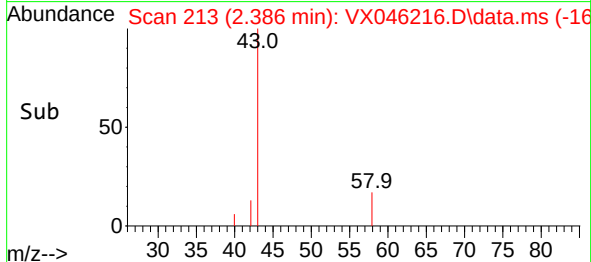
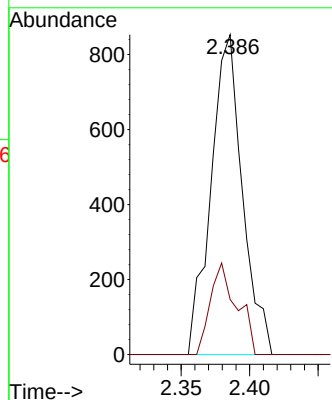
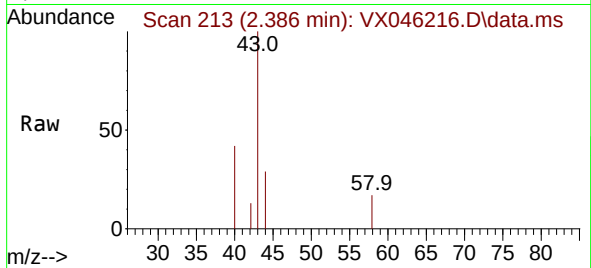




#16
Acetone
Concen: 2.927 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

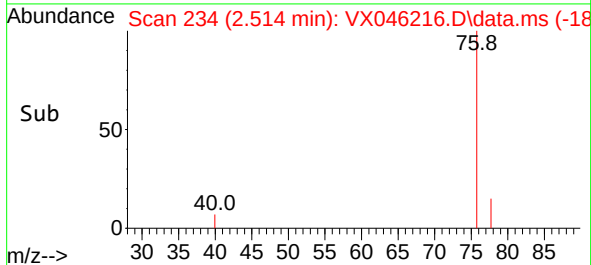
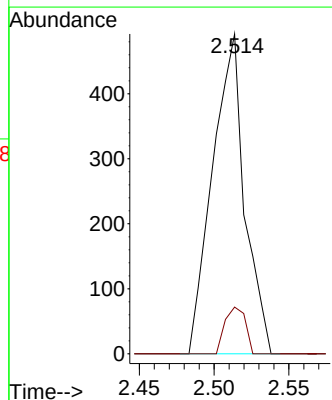
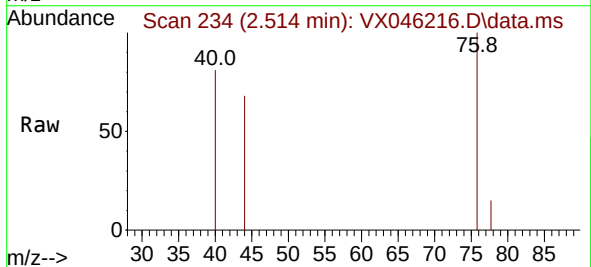
Instrument : MSVOA_X
ClientSampleId : BP-VPB-182-GW-240-242

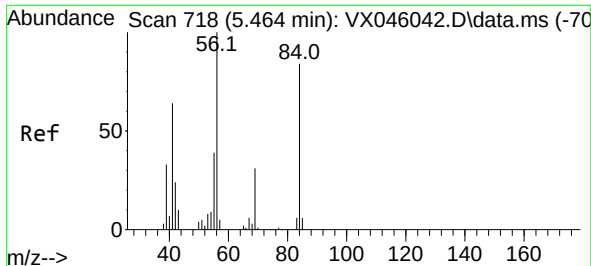
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 17.2 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.418 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.012 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

Tgt Ion: 76 Resp: 733
Ion Ratio Lower Upper
76 100
78 14.6 7.0 10.4#

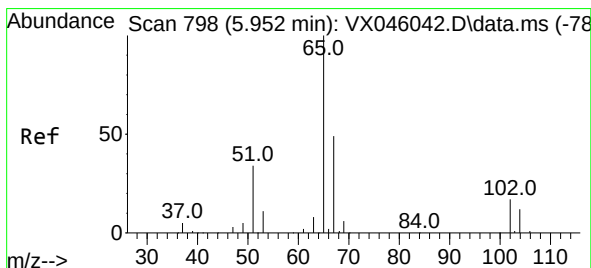
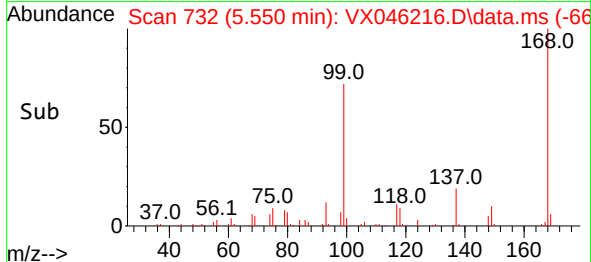
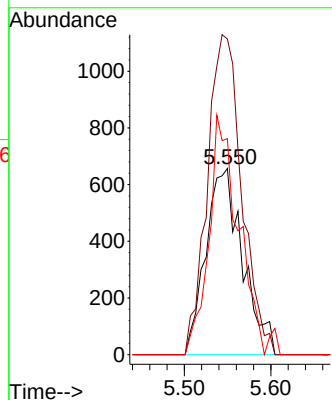
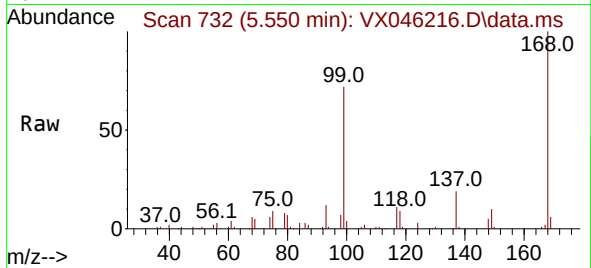




#31
Cyclohexane
Concen: 1.401 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

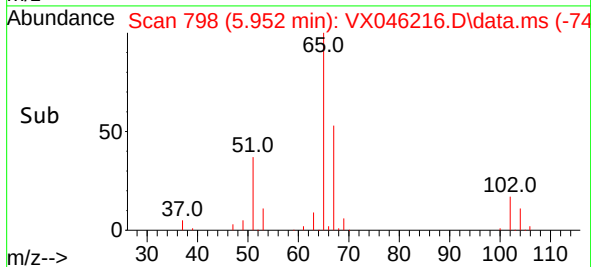
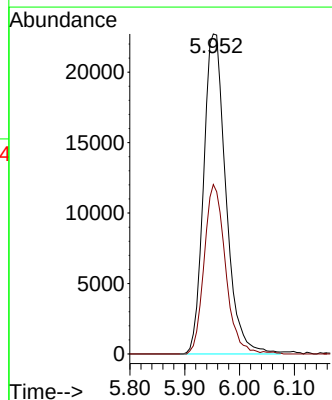
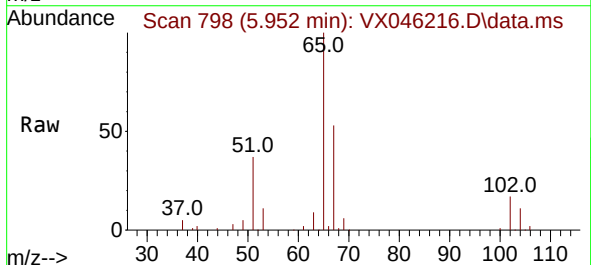
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-240-242

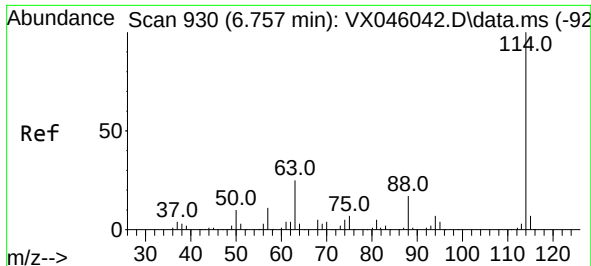
Tgt Ion: 56 Resp: 1942
Ion Ratio Lower Upper
56 100
69 169.6 24.4 36.6#
84 116.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 55.033 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

Tgt Ion: 65 Resp: 64008
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.0

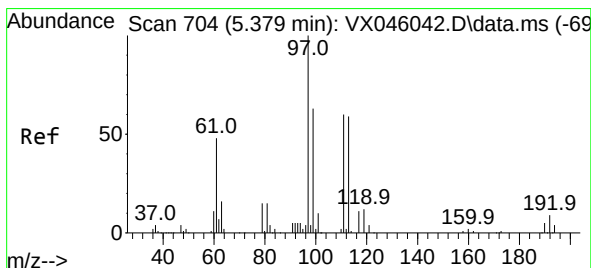
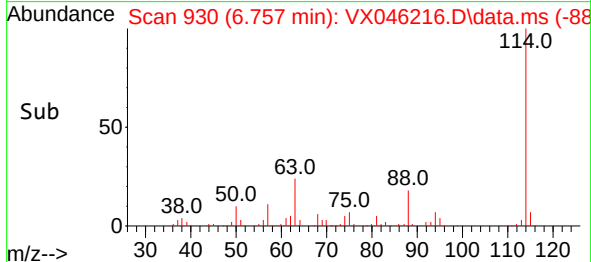
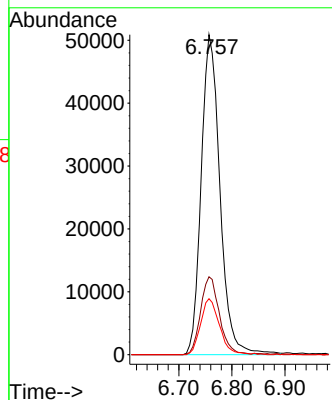
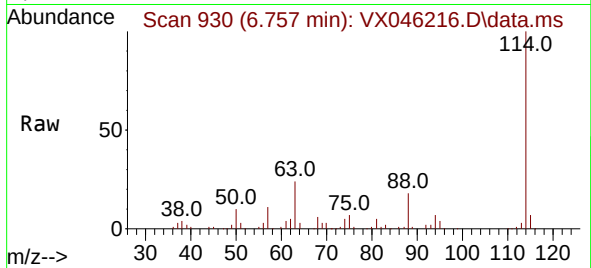




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

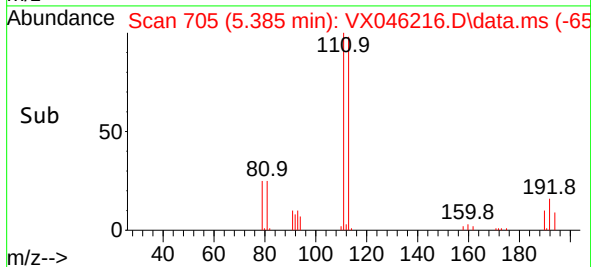
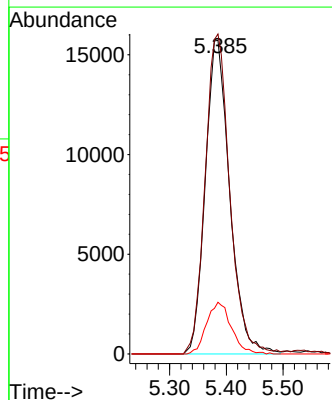
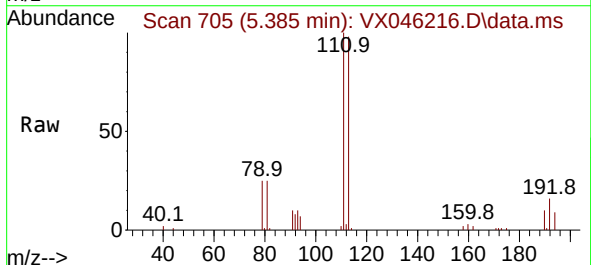
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-240-242

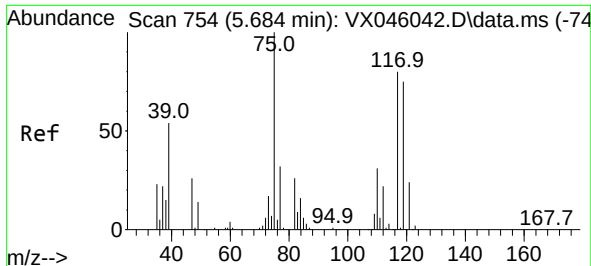
Tgt Ion:	114	Resp:	125278
Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	49.2
88	17.5	0.0	33.6



#35
Dibromofluoromethane
Concen: 52.151 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

Tgt Ion:	113	Resp:	47047
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.1	124.7
192	16.7	13.3	19.9

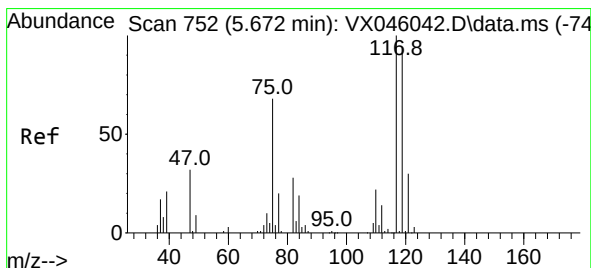
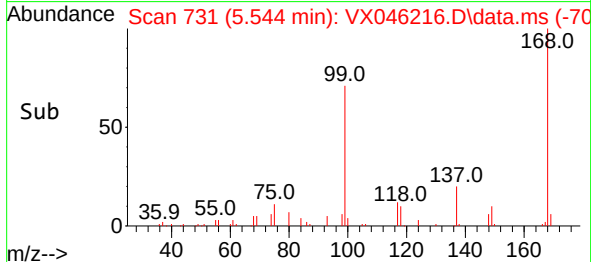
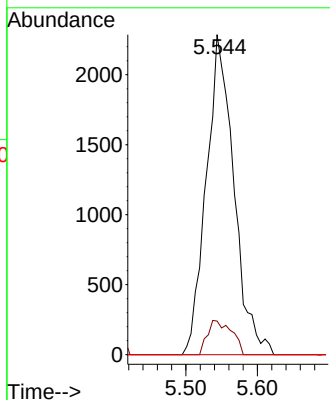
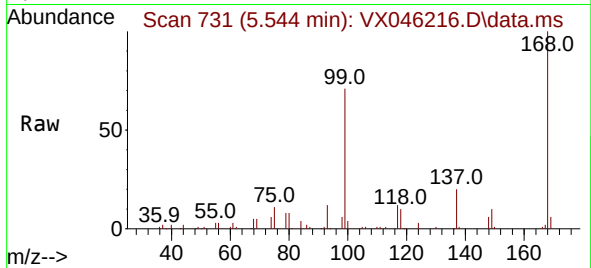




#36
1,1-Dichloropropene
Concen: 5.047 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

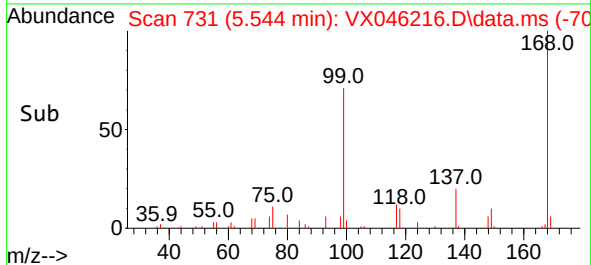
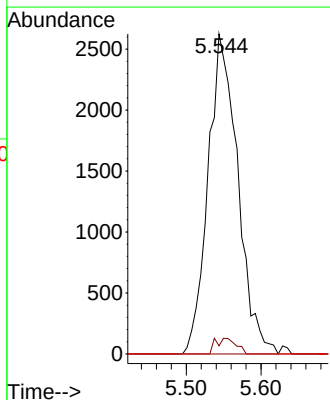
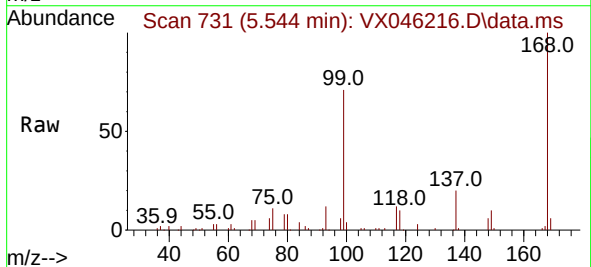
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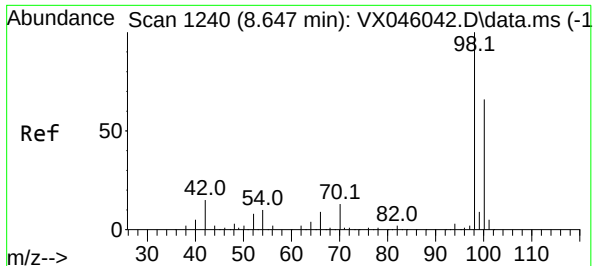
Tgt Ion: 75 Resp: 6117
Ion Ratio Lower Upper
75 100
110 9.4 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.315 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

Tgt Ion: 117 Resp: 7239
Ion Ratio Lower Upper
117 100
119 2.6 75.2 112.8#
121 0.0 24.2 36.4#

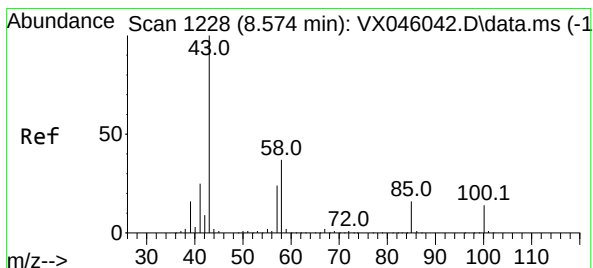
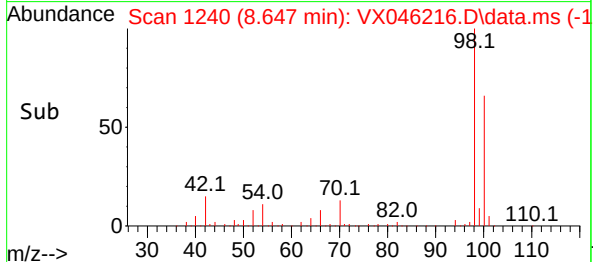
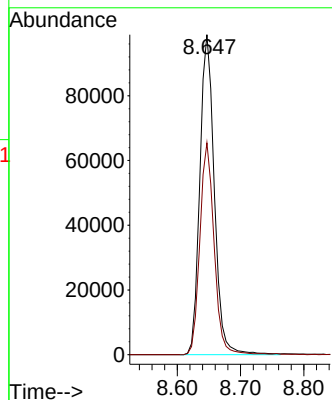
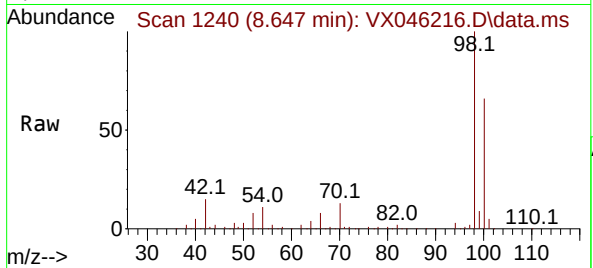




#50
Toluene-d8
Concen: 50.598 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

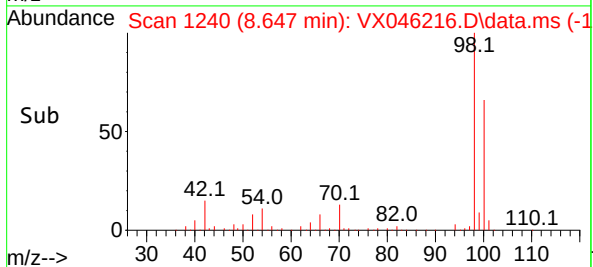
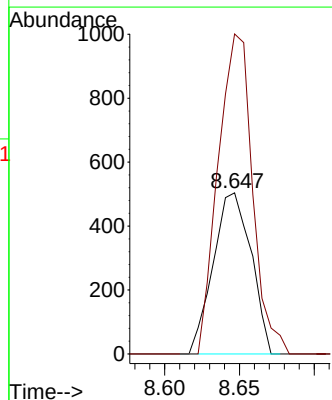
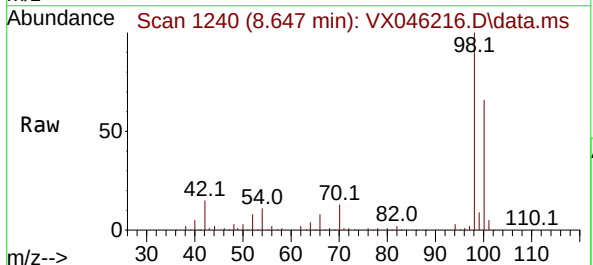
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-240-242

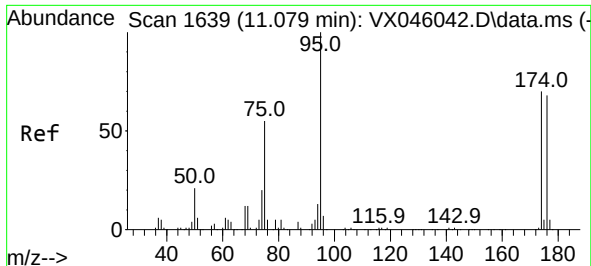
Tgt Ion: 98 Resp: 157987
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.586 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 180.3 28.9 43.3#

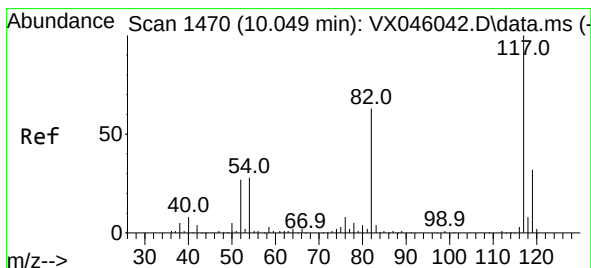
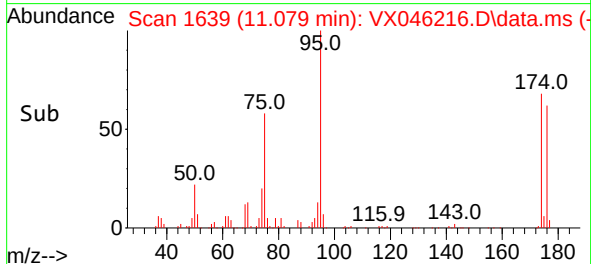
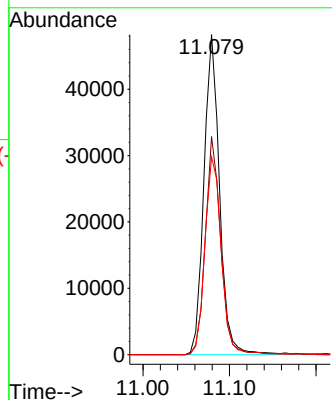
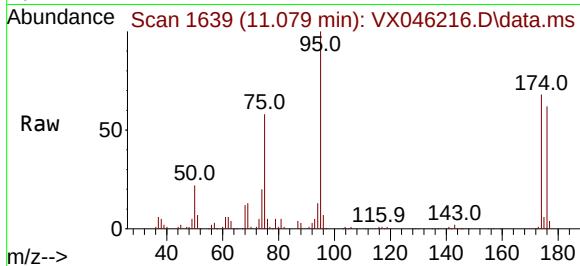




#62
4-Bromofluorobenzene
Concen: 50.400 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

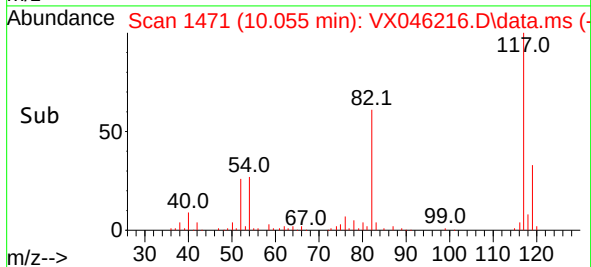
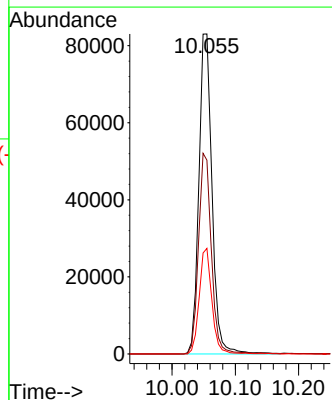
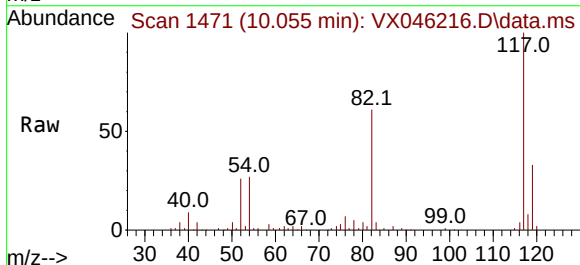
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-240-242

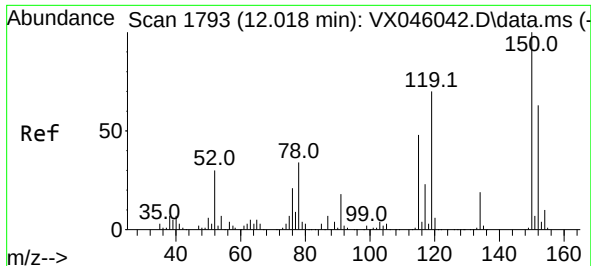
Tgt Ion: 95 Resp: 60365
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 65.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

Tgt Ion: 117 Resp: 120203
Ion Ratio Lower Upper
117 100
82 60.6 50.6 76.0
119 33.0 25.8 38.6

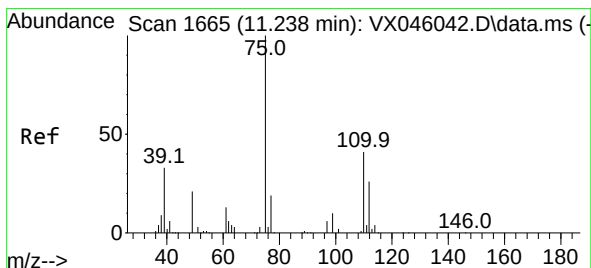
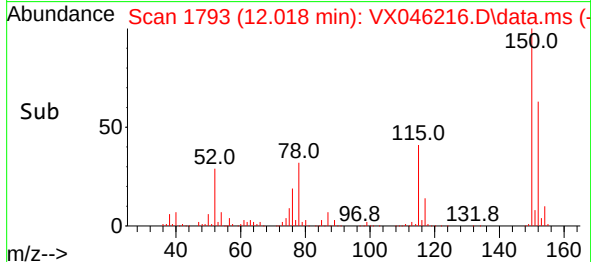
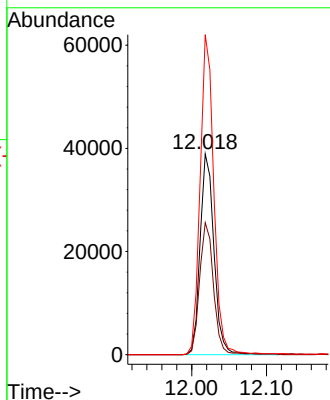
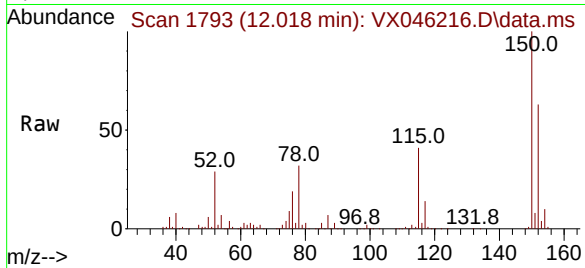




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046216.D
 Acq: 15 May 2025 16:08

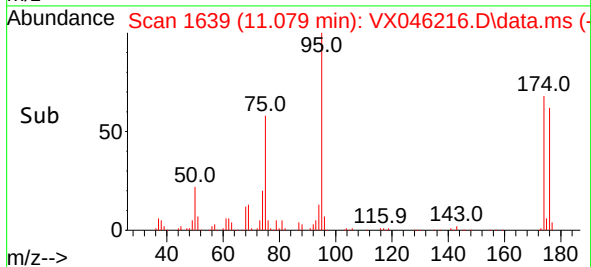
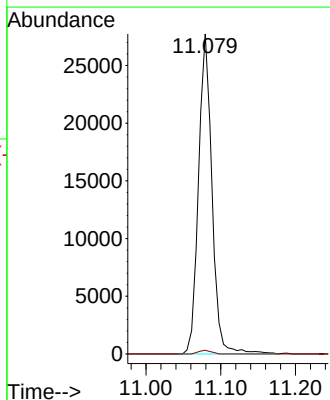
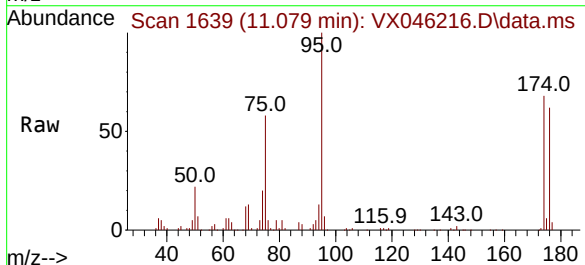
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-240-242

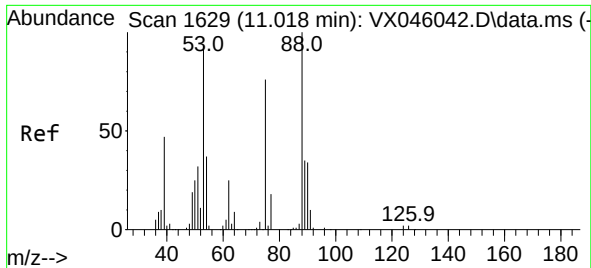
Tgt Ion:152 Resp: 50190
 Ion Ratio Lower Upper
 152 100
 115 65.8 46.9 140.7
 150 157.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.716 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046216.D
 Acq: 15 May 2025 16:08

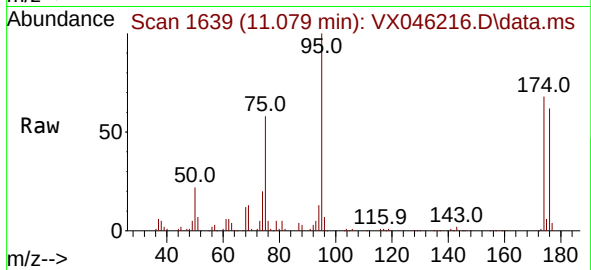
Tgt Ion: 75 Resp: 34692
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.491 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046216.D
 Acq: 15 May 2025 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-240-242



Tgt Ion: 75 Resp: 34692
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

