

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
 Data File : VX046055.D
 Acq On : 06 May 2025 11:52
 Operator : JC/MD
 Sample : Q1945-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GB1W

Quant Time: May 07 01:45:30 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)

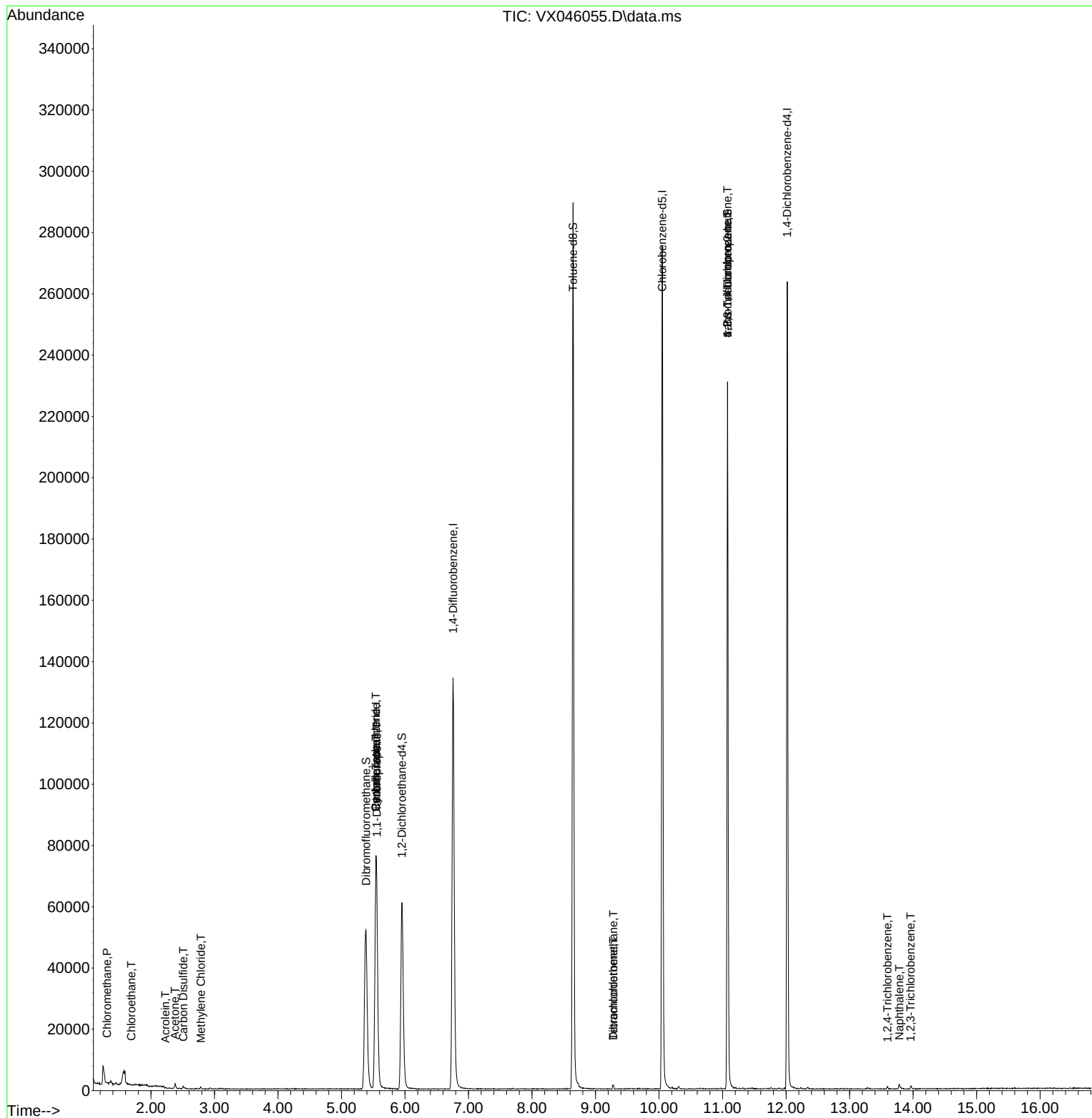
Internal Standards						
1) Pentafluorobenzene	5.544	168	65315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63334	52.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.020%	
35) Dibromofluoromethane	5.385	113	45739	50.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.200%	
50) Toluene-d8	8.647	98	159965	50.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	11.079	95	59254	48.889	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	368	0.380	ug/l	100
6) Chloroethane	1.691	64	130	0.270	ug/l #	44
13) Acrolein	2.227	56	95	0.488	ug/l #	48
16) Acetone	2.379	43	1370	2.806	ug/l #	83
17) Carbon Disulfide	2.507	76	871	0.474	ug/l #	76
20) Methylene Chloride	2.788	84	228	0.244	ug/l #	72
31) Cyclohexane	5.544	56	2052	1.414	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	6485	5.287	ug/l #	53
38) Carbon Tetrachloride	5.544	117	7446	5.403	ug/l #	17
60) Dibromochloromethane	9.281	129	198	0.208	ug/l #	10
64) Tetrachloroethene	9.281	164	222	0.269	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	34417	29.702	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34417	96.702	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	278	0.304	ug/l #	77
95) Naphthalene	13.786	128	1772	0.528	ug/l #	85
96) 1,2,3-Trichlorobenzene	13.963	180	338	0.358	ug/l	93

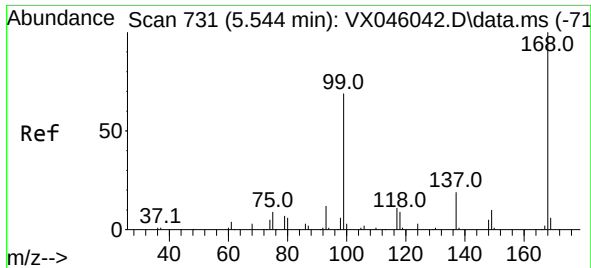
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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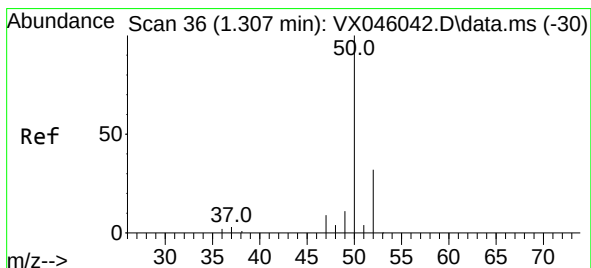
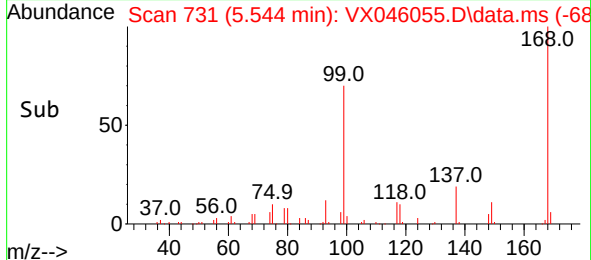
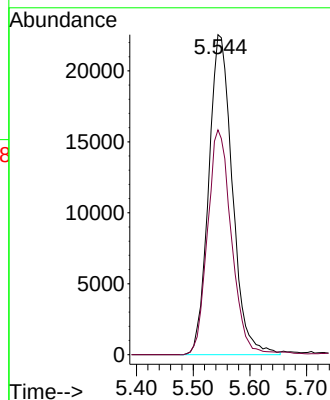
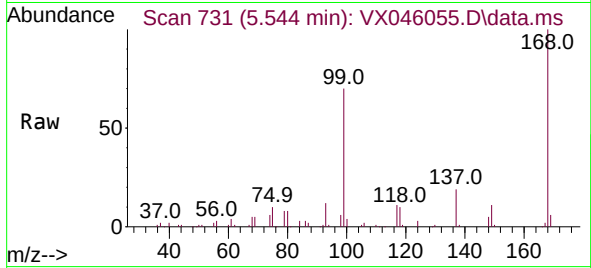




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

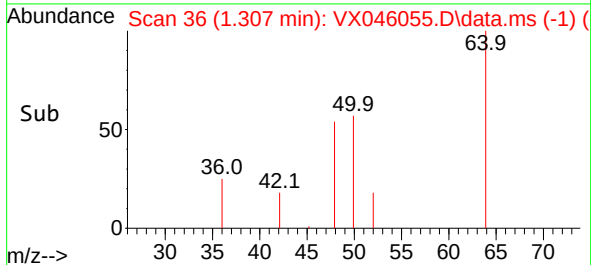
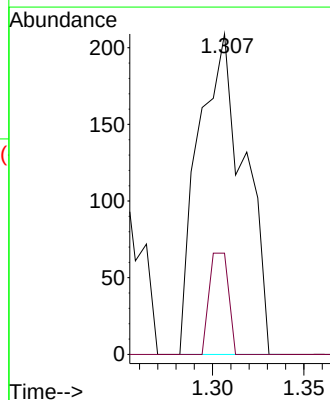
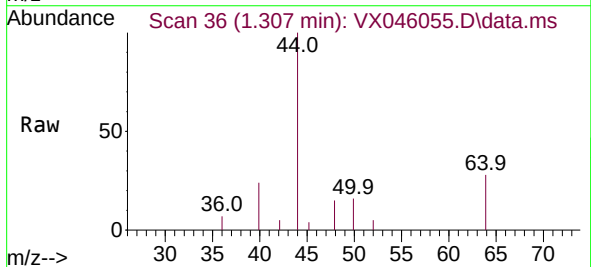
Instrument :
MSVOA_X
ClientSampleId :
GB1W

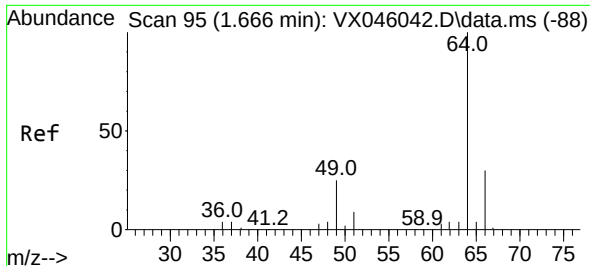
Tgt Ion:168 Resp: 65315
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3



#3
Chloromethane
Concen: 0.380 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion: 50 Resp: 368
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.2

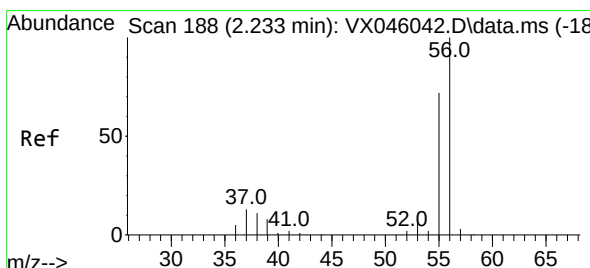
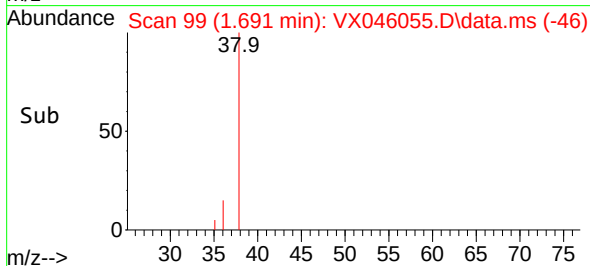
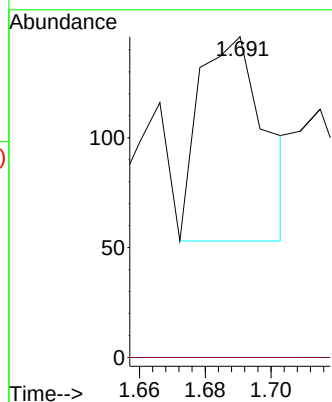
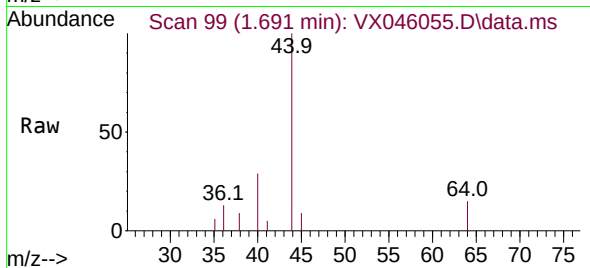




#6
Chloroethane
Concen: 0.270 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.024 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

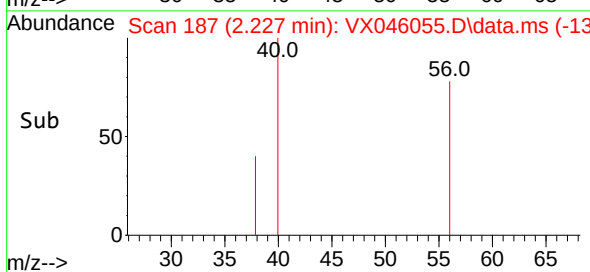
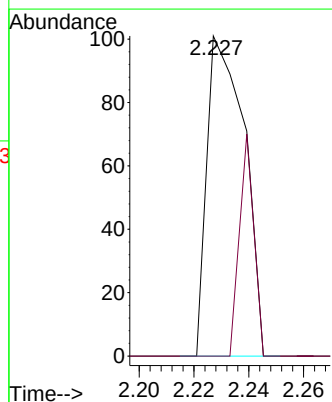
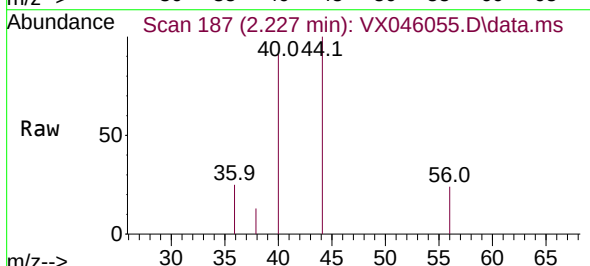
Instrument :
MSVOA_X
ClientSampleId :
GB1W

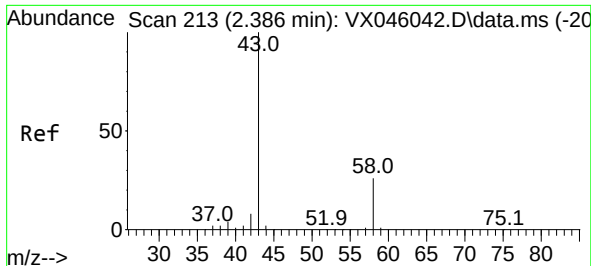
Tgt Ion: 64 Resp: 130
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#13
Acrolein
Concen: 0.488 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 27.4 56.2 84.4#

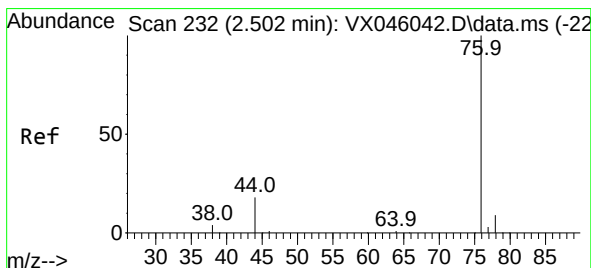
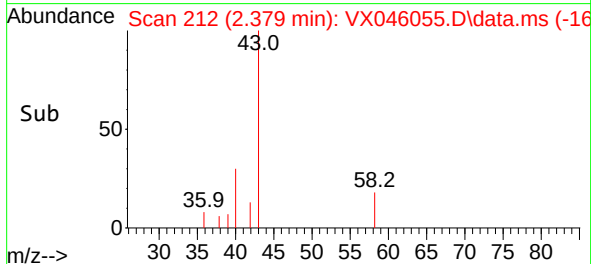
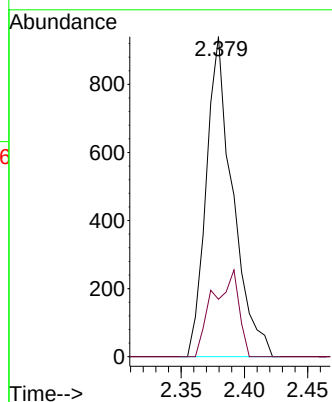
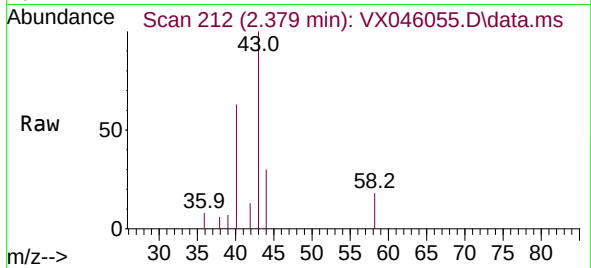




#16
Acetone
Concen: 2.806 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

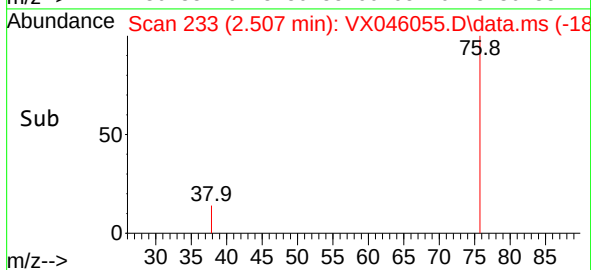
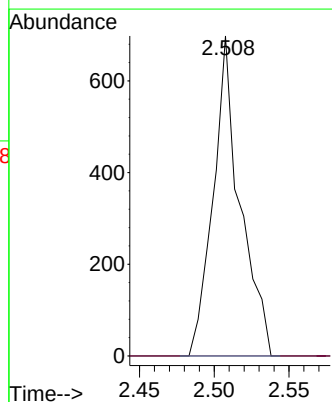
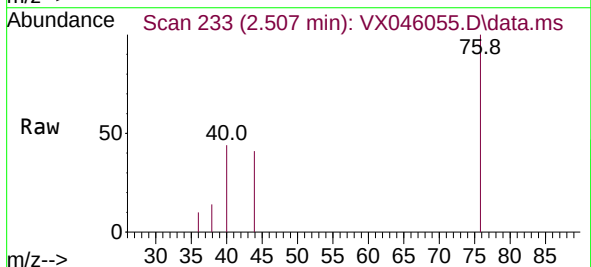
Instrument :
MSVOA_X
ClientSampleId :
GB1W

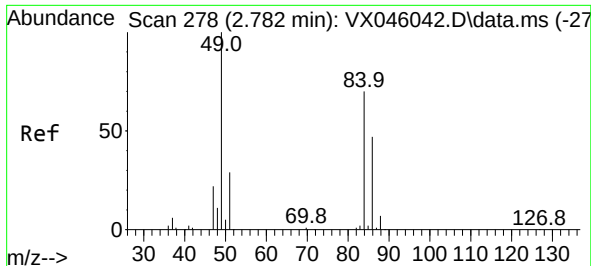
Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
58 18.0 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.474 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion: 76 Resp: 871
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



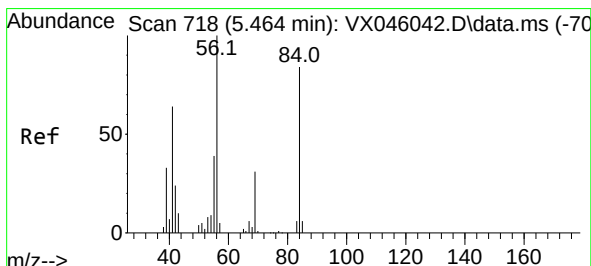
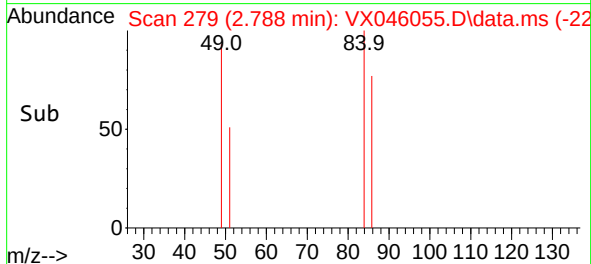
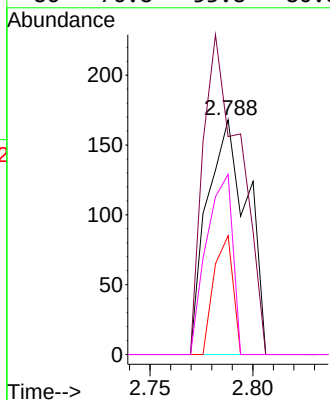
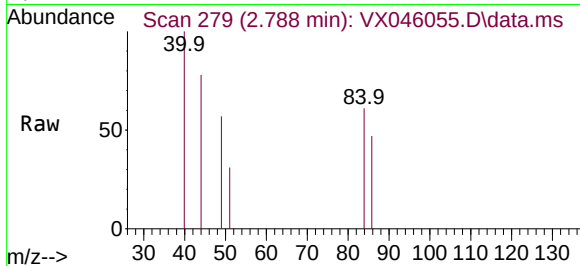


#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Tgt Ion: 84 Resp: 228

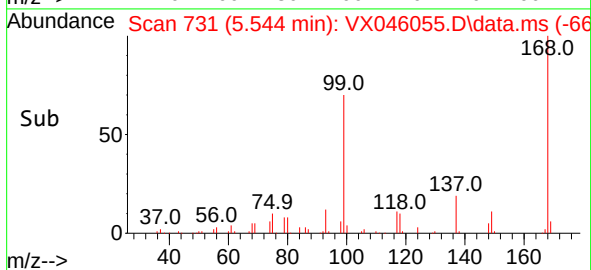
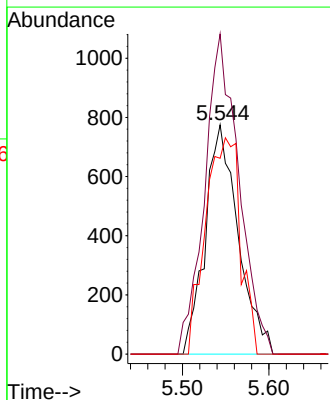
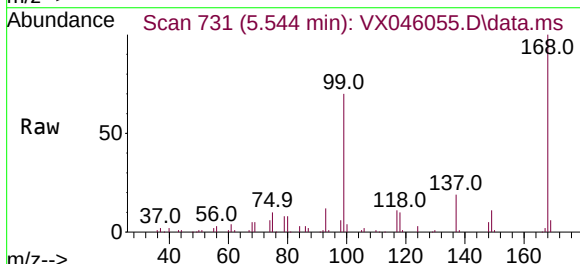
Ion	Ratio	Lower	Upper
84	100		
49	92.9	113.9	170.9#
51	50.6	33.5	50.3#
86	76.8	53.8	80.8

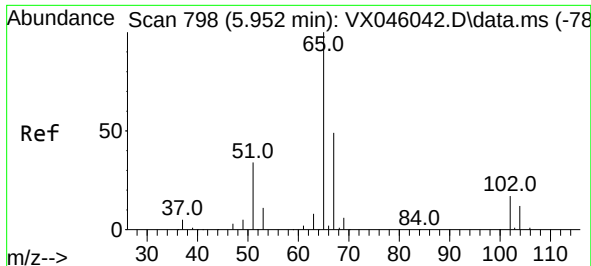


#31
Cyclohexane
Concen: 1.414 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion: 56 Resp: 2052

Ion	Ratio	Lower	Upper
56	100		
69	139.6	24.4	36.6#
84	85.4	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 52.012 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046055.D

Acq: 06 May 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

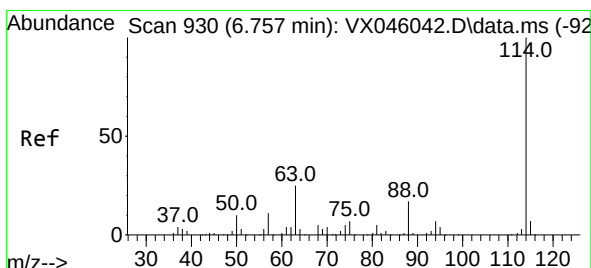
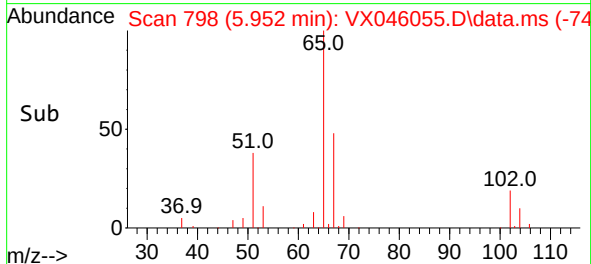
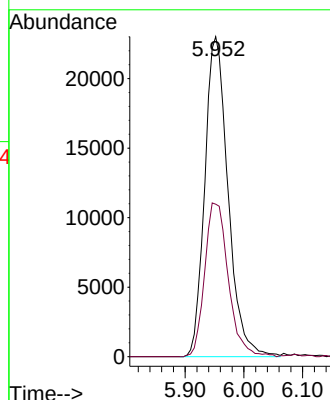
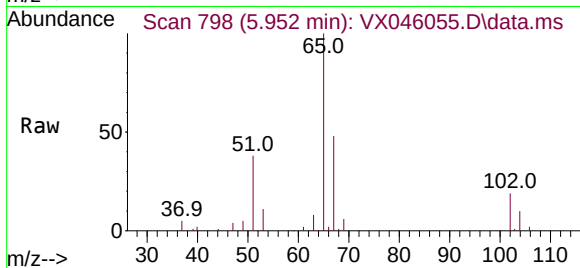
GB1W

Tgt Ion: 65 Resp: 63334

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046055.D

Acq: 06 May 2025 11:52

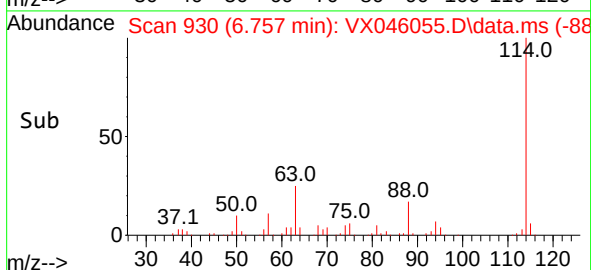
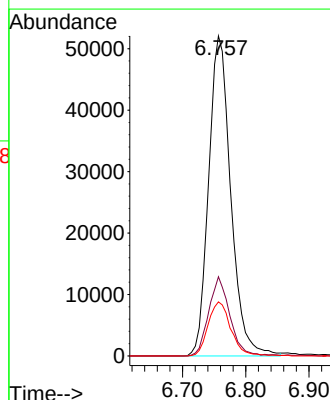
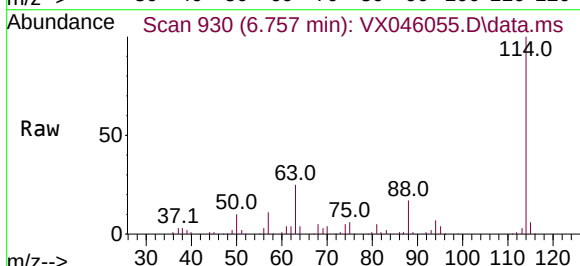
Tgt Ion: 114 Resp: 126773

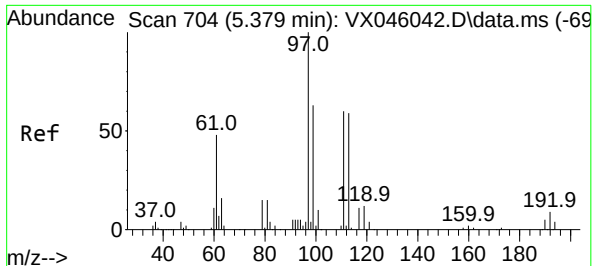
Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.2

88 16.9 0.0 33.6

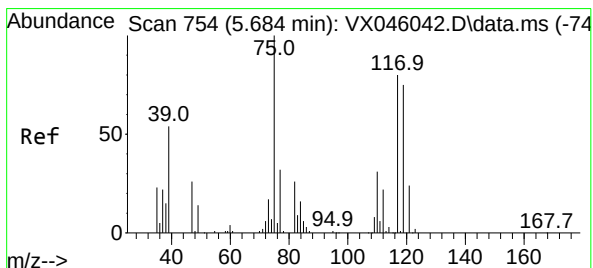
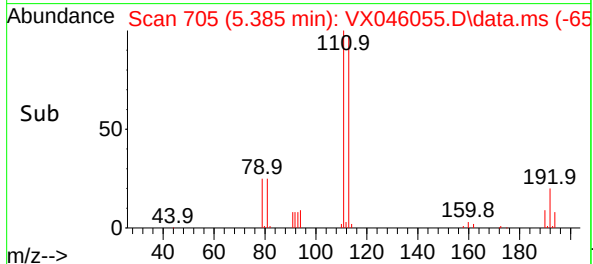
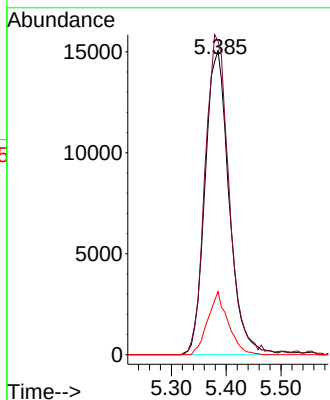
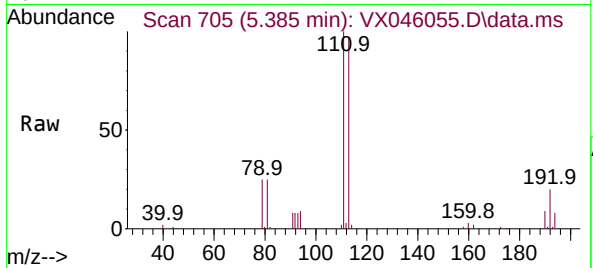




#35
Dibromofluoromethane
Concen: 50.103 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

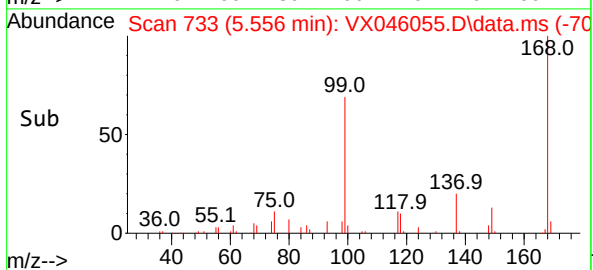
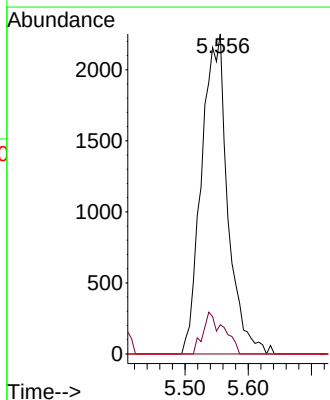
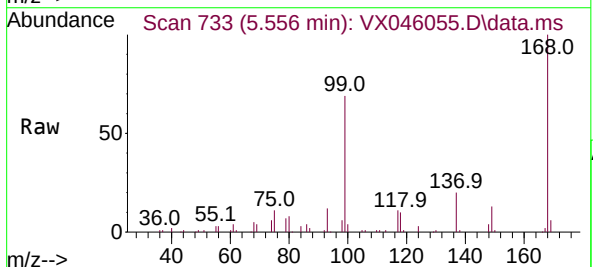
Instrument :
MSVOA_X
ClientSampleId :
GB1W

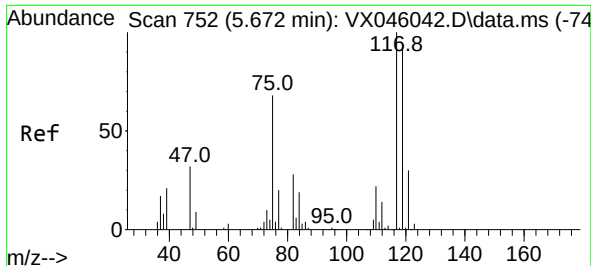
Tgt Ion:113 Resp: 45739
Ion Ratio Lower Upper
113 100
111 105.2 83.1 124.7
192 17.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.287 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

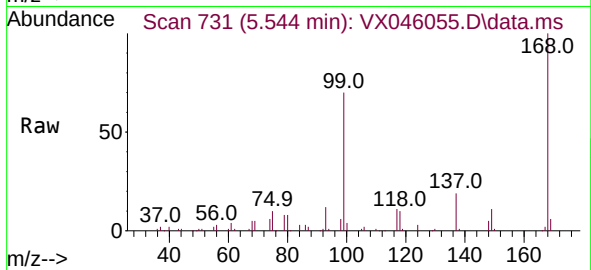
Tgt Ion: 75 Resp: 6485
Ion Ratio Lower Upper
75 100
110 10.3 16.3 48.9#
77 0.0 24.3 36.5#



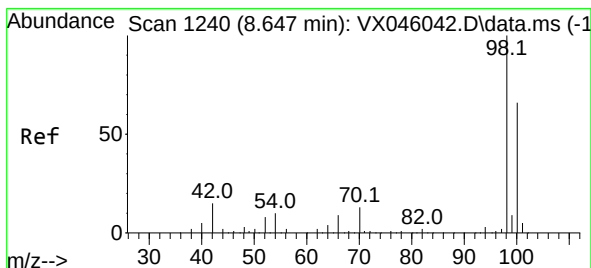
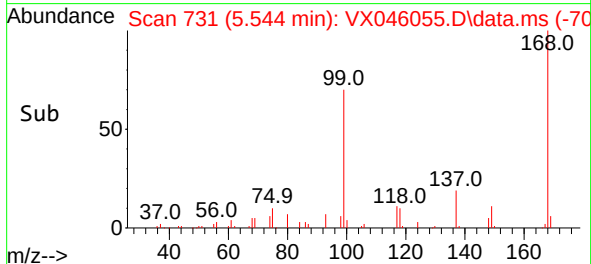
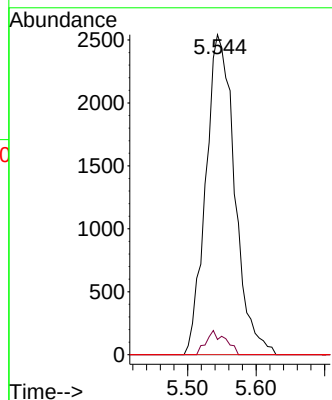


#38
Carbon Tetrachloride
Concen: 5.403 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
GB1W

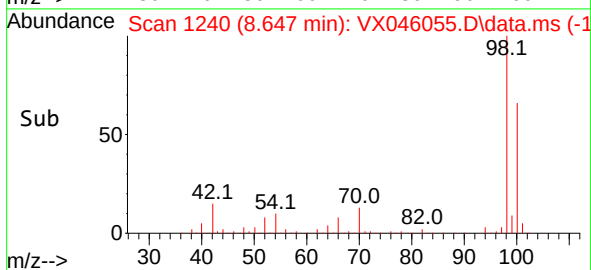
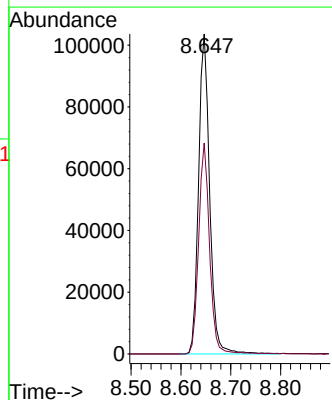
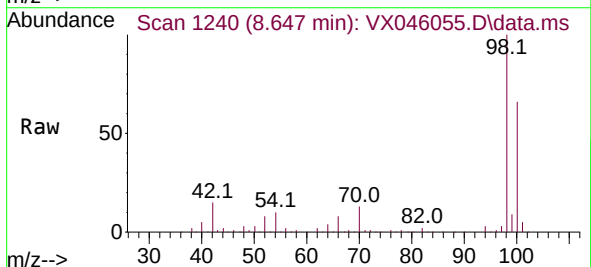


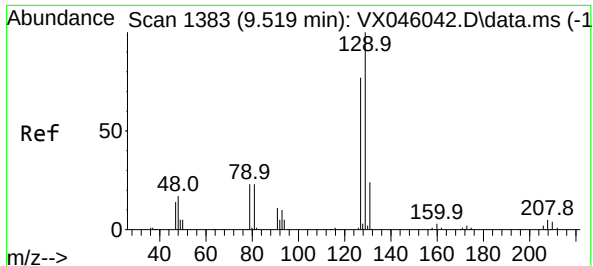
Tgt Ion:117 Resp: 7446
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.627 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion: 98 Resp: 159965
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3

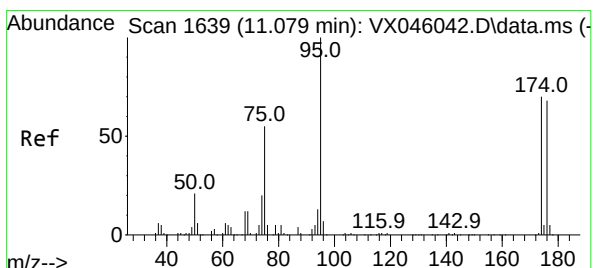
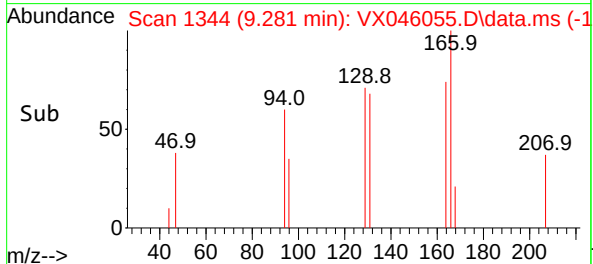
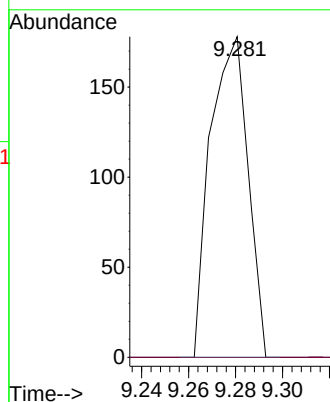
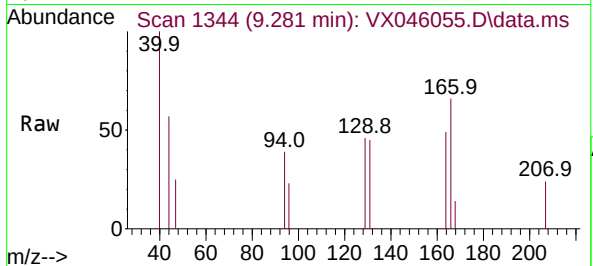




#60
Dibromochloromethane
Concen: 0.208 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

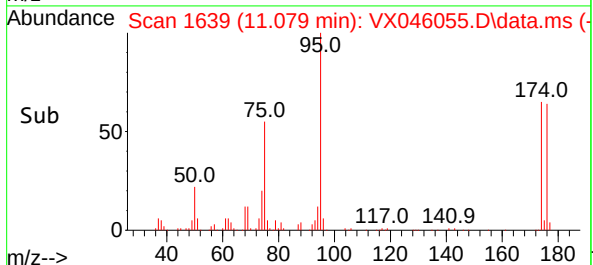
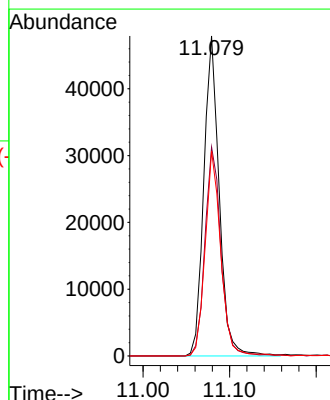
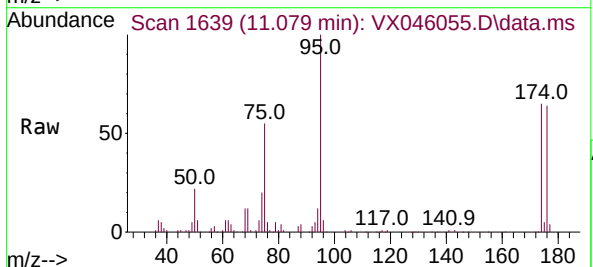
Instrument :
MSVOA_X
ClientSampleId :
GB1W

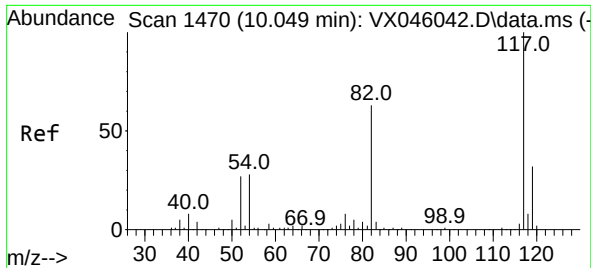
Tgt Ion:129 Resp: 198
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.8#



#62
4-Bromofluorobenzene
Concen: 48.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion: 95 Resp: 59254
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 64.8 0.0 131.4

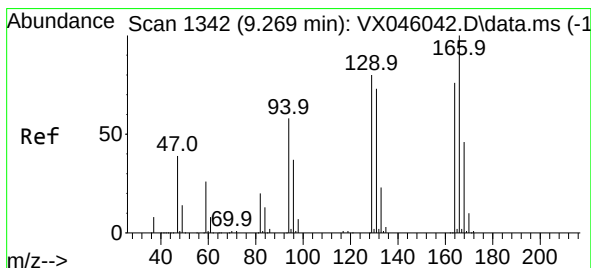
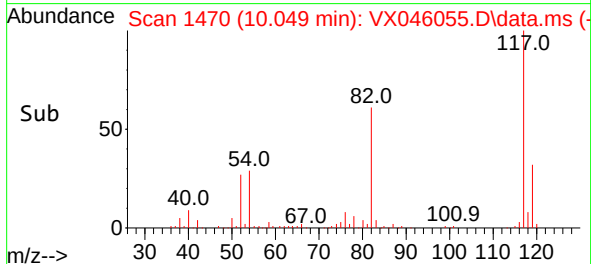
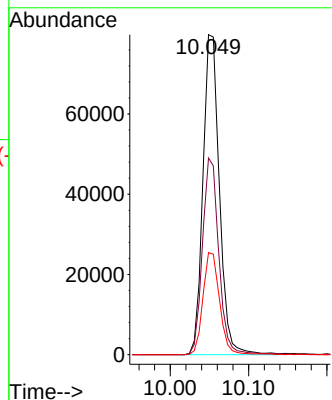
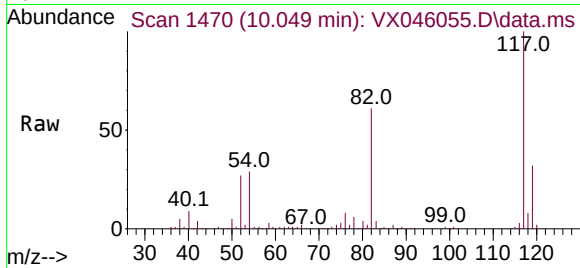




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

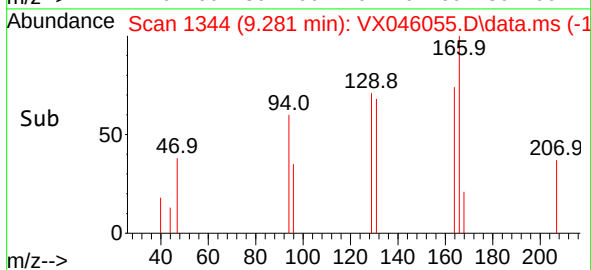
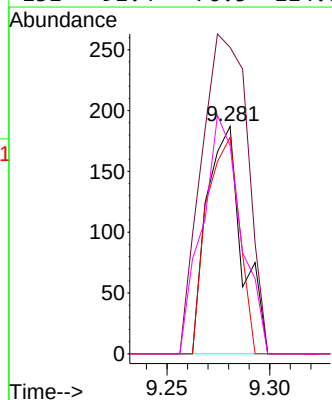
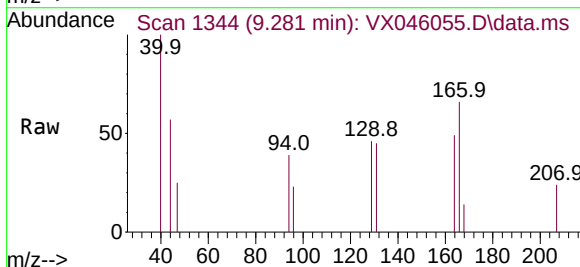
Instrument :
MSVOA_X
ClientSampleId :
GB1W

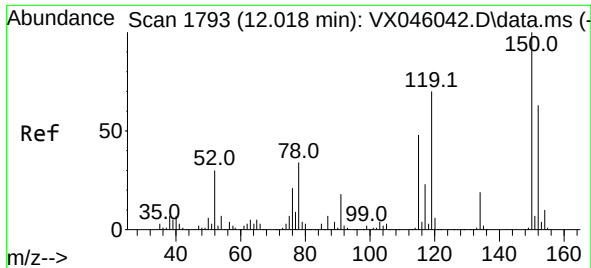
Tgt Ion:117 Resp: 116564
Ion Ratio Lower Upper
117 100
82 61.4 50.6 76.0
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 0.269 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.012 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion:164 Resp: 222
Ion Ratio Lower Upper
164 100
166 134.8 105.0 157.6
129 95.2 83.5 125.3
131 91.4 76.5 114.7

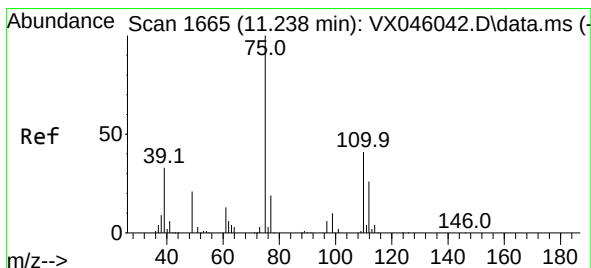
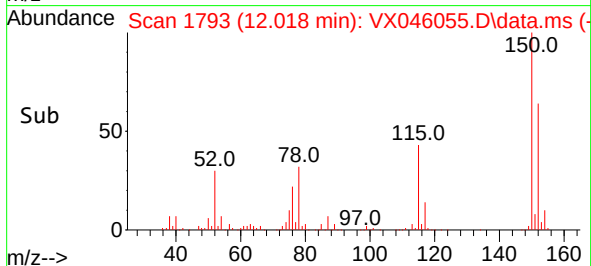
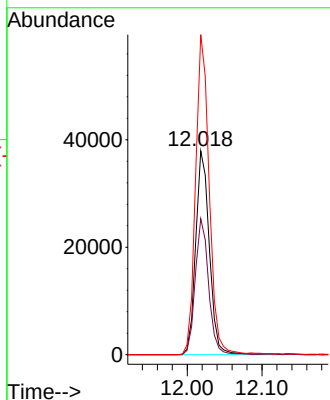
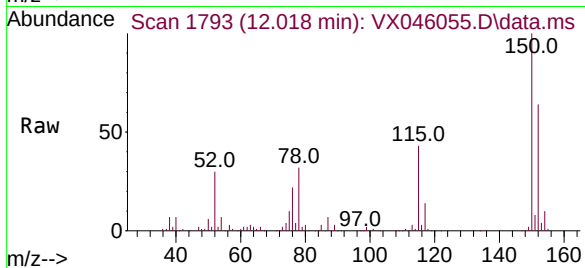




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046055.D
 Acq: 06 May 2025 11:52

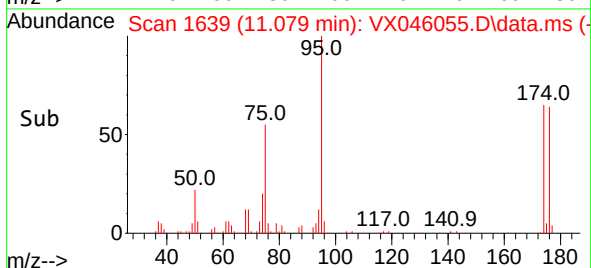
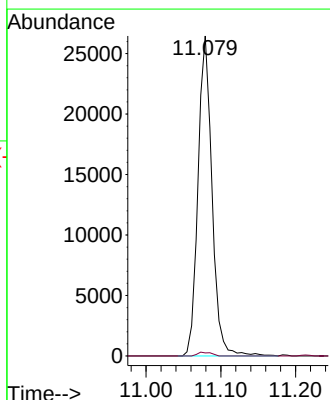
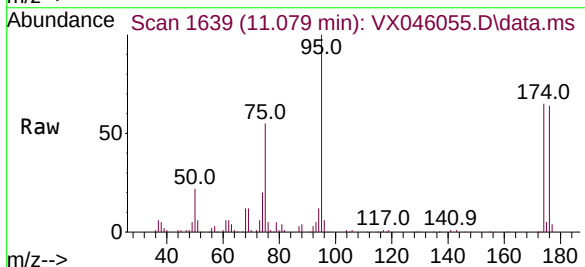
Instrument :
 MSVOA_X
 ClientSampleId :
 GB1W

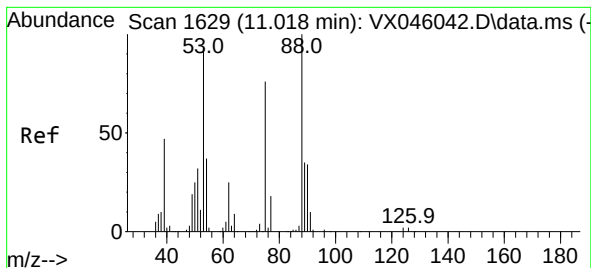
Tgt Ion:152 Resp: 48139
 Ion Ratio Lower Upper
 152 100
 115 65.3 46.9 140.7
 150 156.0 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.702 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046055.D
 Acq: 06 May 2025 11:52

Tgt Ion: 75 Resp: 34417
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#

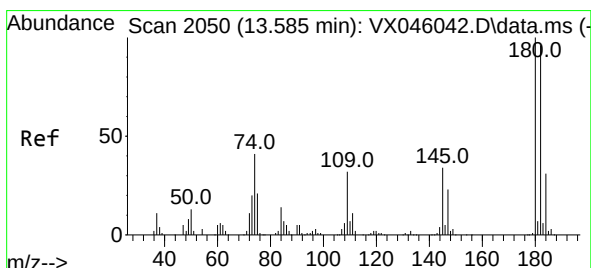
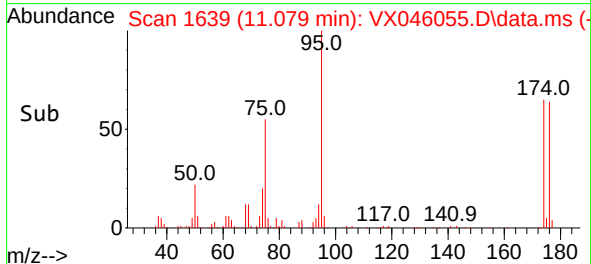
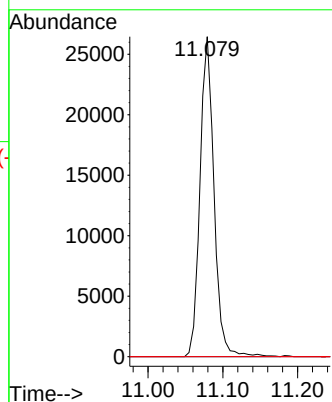
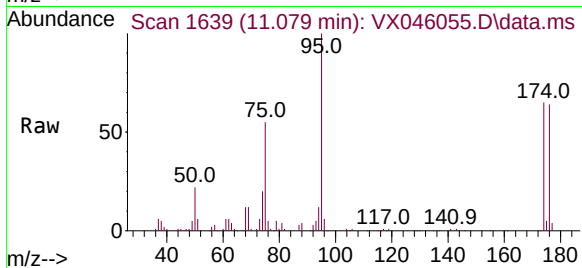




#81
trans-1,4-Dichloro-2-butene
Concen: 96.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

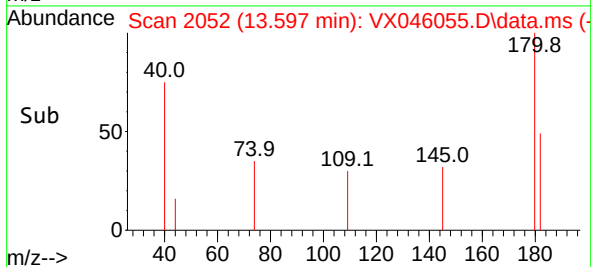
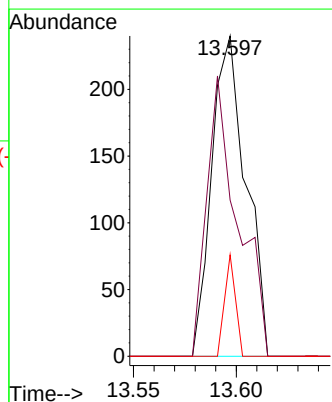
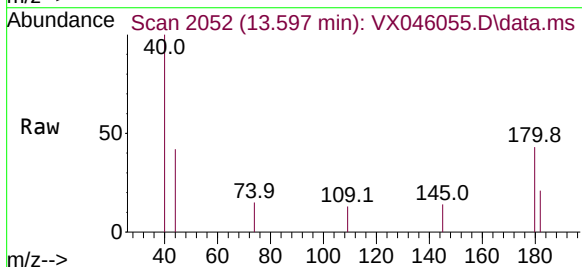
Instrument :
MSVOA_X
ClientSampleId :
GB1W

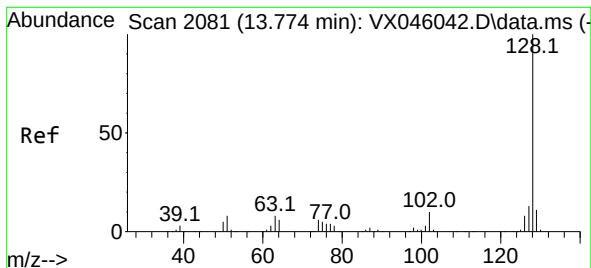
Tgt Ion: 75 Resp: 34417
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.304 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion: 180 Resp: 278
Ion Ratio Lower Upper
180 100
182 79.5 47.9 143.8
145 10.1 17.1 51.2#





#95

Naphthalene

Concen: 0.528 ug/l

RT: 13.786 min Scan# 2081

Delta R.T. 0.012 min

Lab File: VX046055.D

Acq: 06 May 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

GB1W

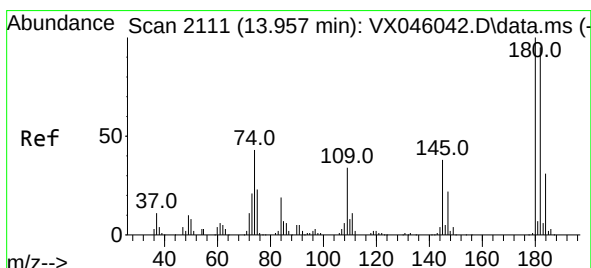
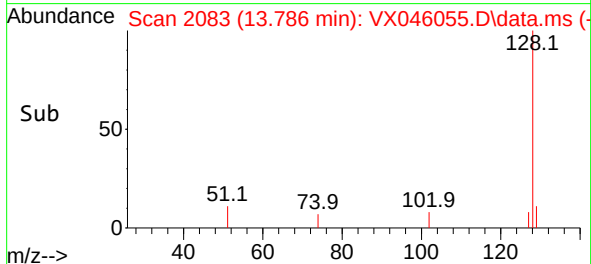
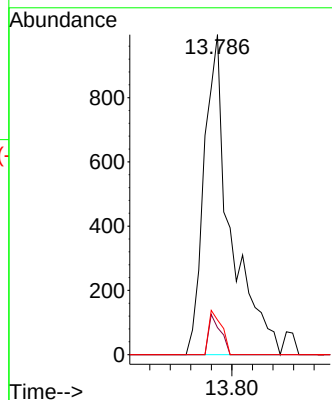
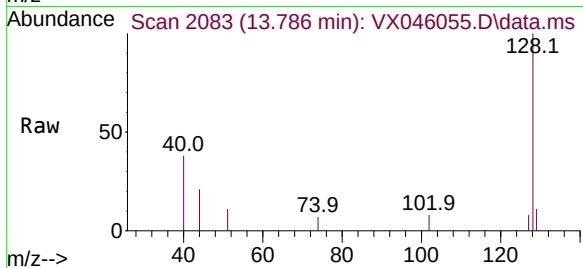
Tgt Ion:128 Resp: 1772

Ion Ratio Lower Upper

128 100

127 5.6 10.4 15.6#

129 6.8 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.358 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX046055.D

Acq: 06 May 2025 11:52

Tgt Ion:180 Resp: 338

Ion Ratio Lower Upper

180 100

182 86.4 47.8 143.3

145 37.0 18.1 54.3

