

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046302.D
 Acq On : 21 May 2025 17:02
 Operator : JC/MD
 Sample : Q2088-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 252820

Quant Time: May 22 01:52:18 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)

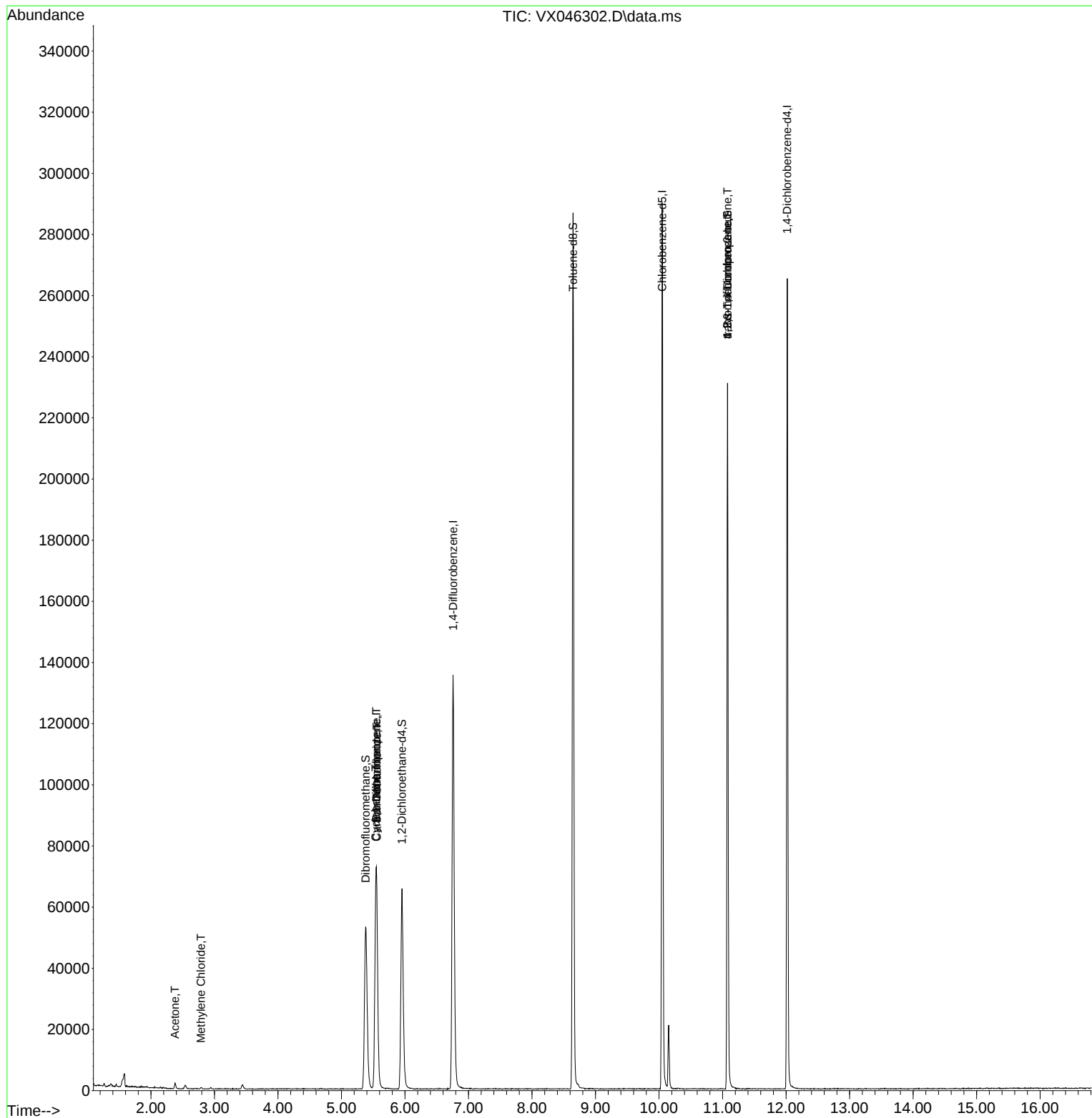
Internal Standards						
1) Pentafluorobenzene	5.550	168	63169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126528	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63936	54.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.580%	
35) Dibromofluoromethane	5.379	113	46078	50.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.140%	
50) Toluene-d8	8.647	98	162297	51.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	11.079	95	60553	50.058	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.120%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1846	3.909	ug/l #	78
20) Methylene Chloride	2.788	84	195	0.216	ug/l #	63
31) Cyclohexane	5.538	56	1709	1.218	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	6622	5.409	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7521	5.468	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	35732	30.163	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35732	98.201	ug/l #	1

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

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Instrument :
MSVOA_X
ClientSampleId :
252820

Quant Time: May 22 01:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
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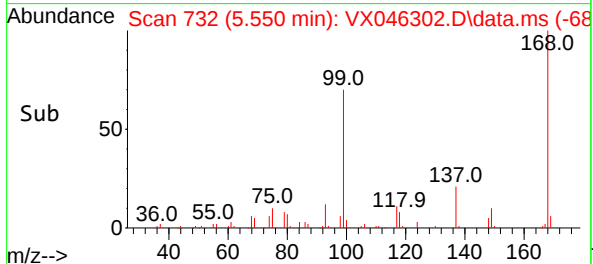
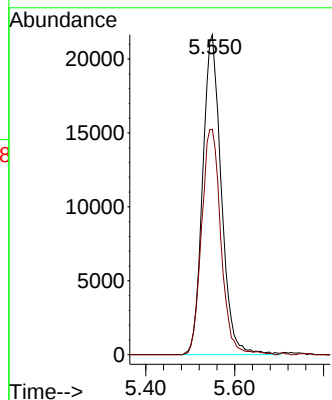
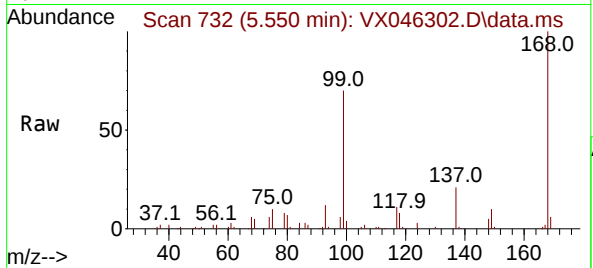




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

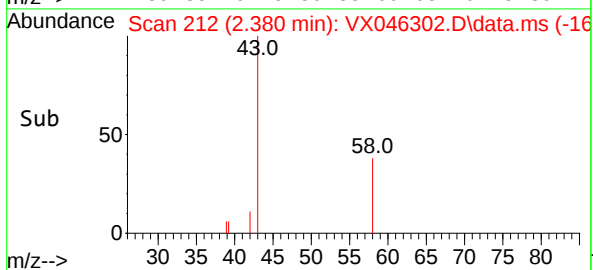
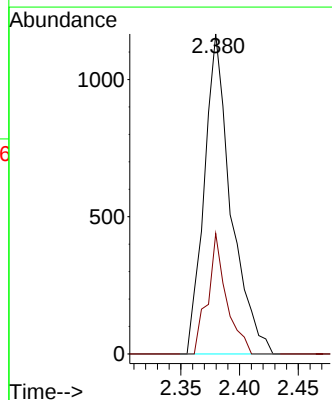
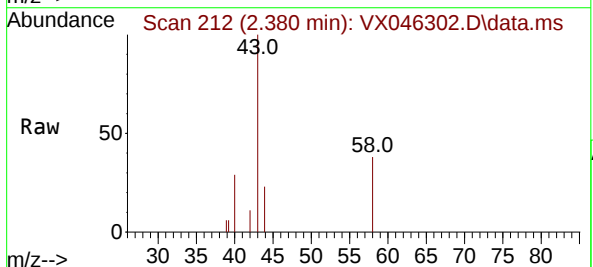
Instrument :
MSVOA_X
ClientSampleId :
252820

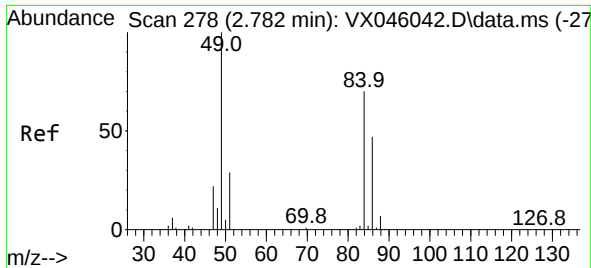
Tgt Ion:168 Resp: 63169
Ion Ratio Lower Upper
168 100
99 70.4 54.9 82.3



#16
Acetone
Concen: 3.909 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

Tgt Ion: 43 Resp: 1846
Ion Ratio Lower Upper
43 100
58 37.7 21.2 31.8#

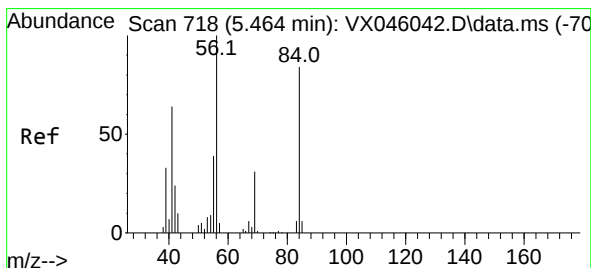
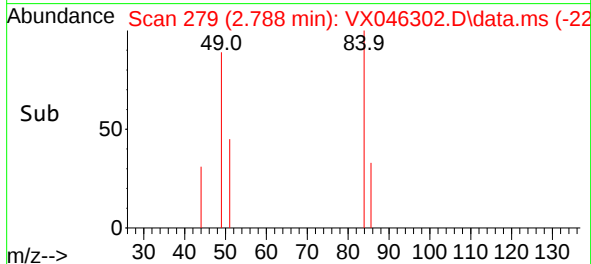
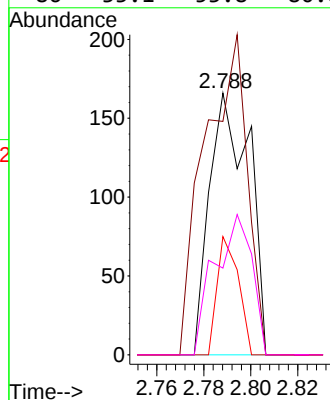
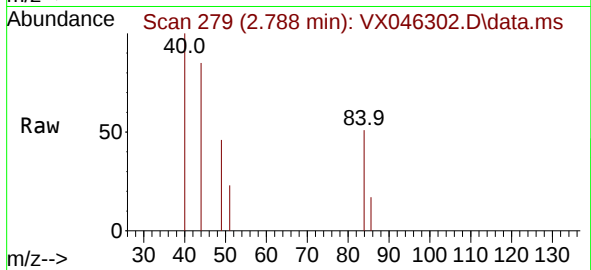




#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

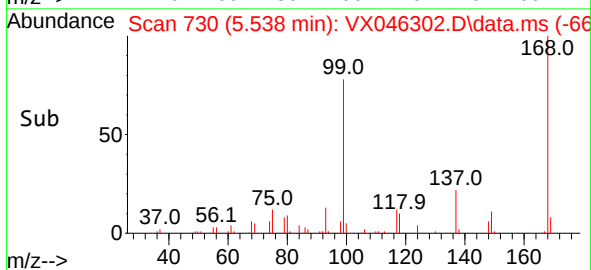
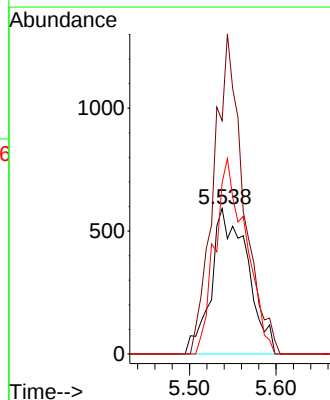
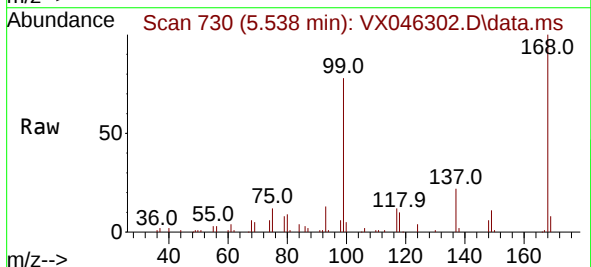
Instrument :
MSVOA_X
ClientSampleId :
252820

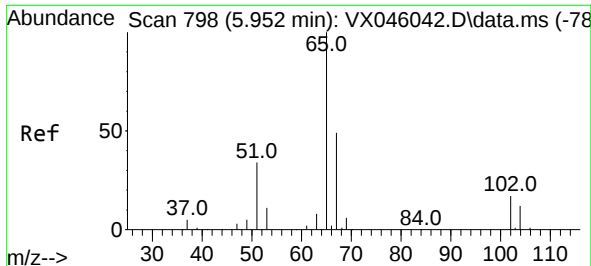
Tgt Ion: 84 Resp: 195
Ion Ratio Lower Upper
84 100
49 89.2 113.9 170.9#
51 45.2 33.5 50.3
86 33.1 53.8 80.8#



#31
Cyclohexane
Concen: 1.218 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

Tgt Ion: 56 Resp: 1709
Ion Ratio Lower Upper
56 100
69 160.3 24.4 36.6#
84 117.7 66.9 100.3#

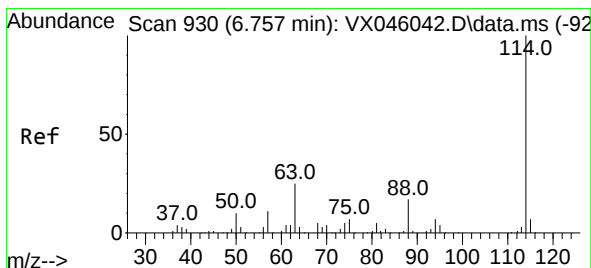
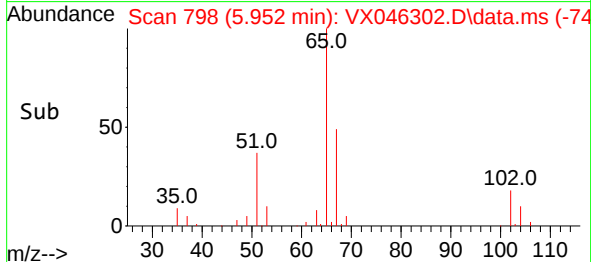
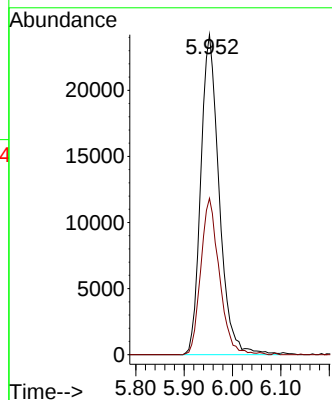
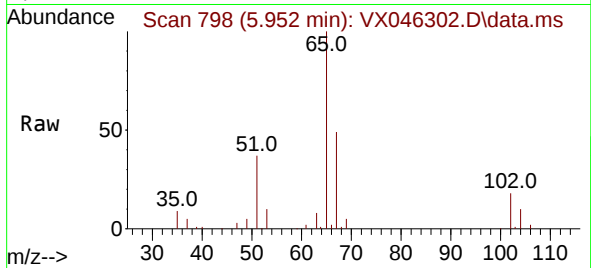




#33
 1,2-Dichloroethane-d4
 Concen: 54.290 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046302.D
 Acq: 21 May 2025 17:02

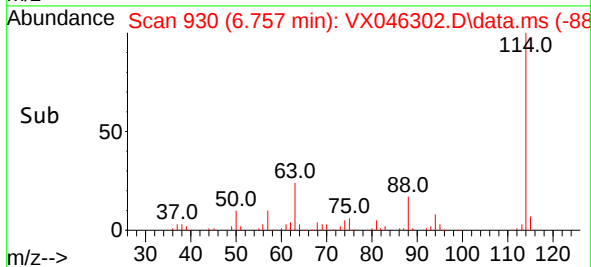
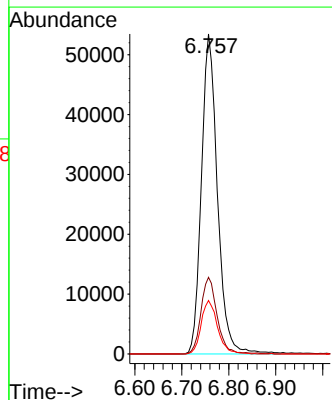
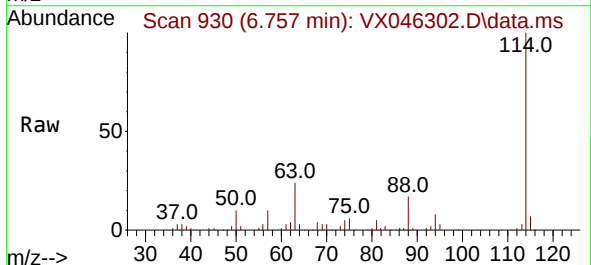
Instrument :
 MSVOA_X
 ClientSampleId :
 252820

Tgt Ion: 65 Resp: 63936
 Ion Ratio Lower Upper
 65 100
 67 49.1 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: VX046302.D
 Acq: 21 May 2025 17:02

Tgt Ion: 114 Resp: 126528
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 16.7 0.0 33.6

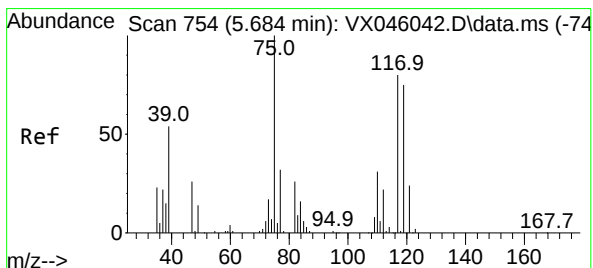
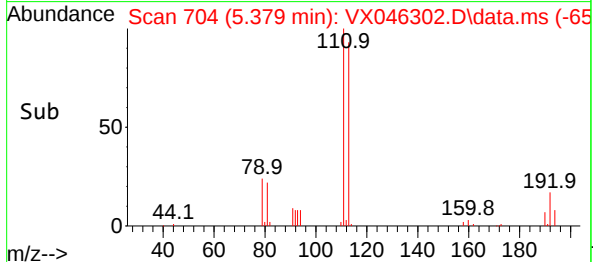
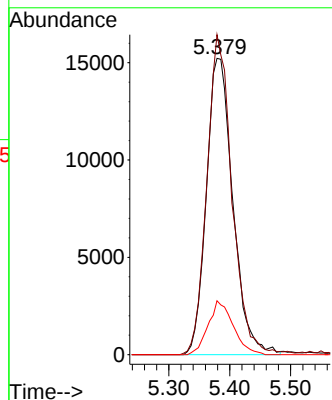
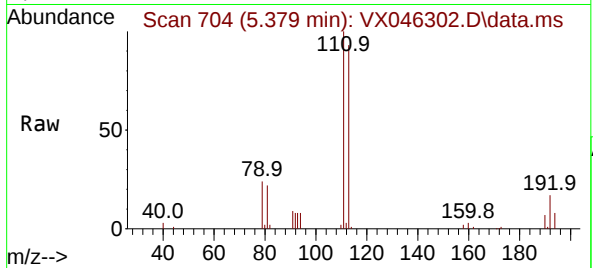




#35
Dibromofluoromethane
Concen: 50.572 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

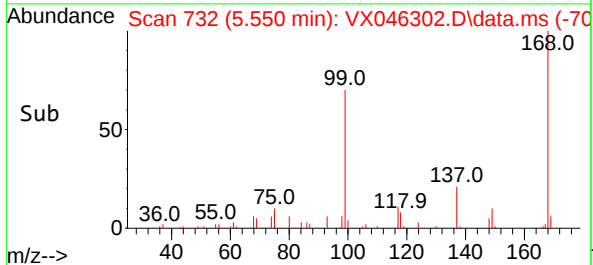
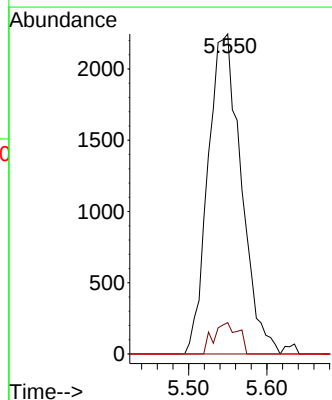
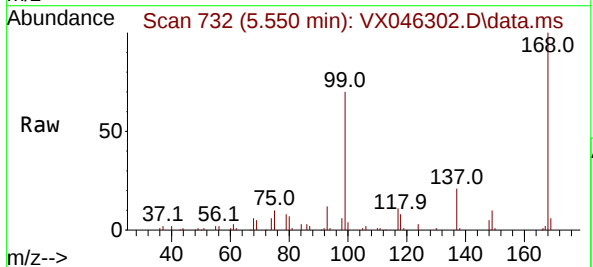
Instrument :
MSVOA_X
ClientSampleId :
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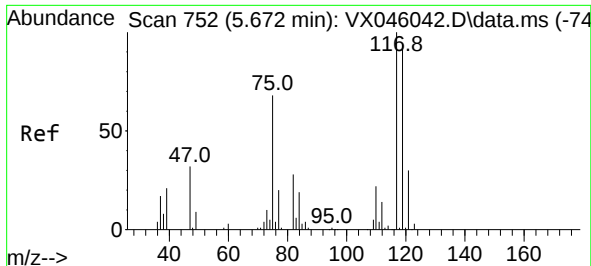
Tgt Ion:113 Resp: 46078
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 17.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.409 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

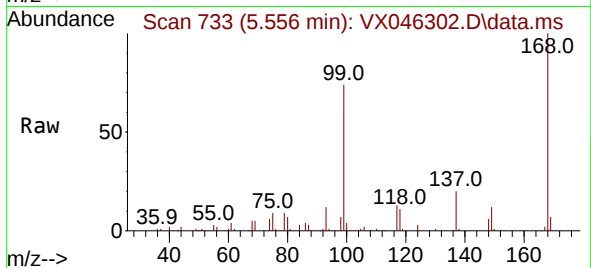
Tgt Ion: 75 Resp: 6622
Ion Ratio Lower Upper
75 100
110 7.3 16.3 48.9#
77 0.0 24.3 36.5#



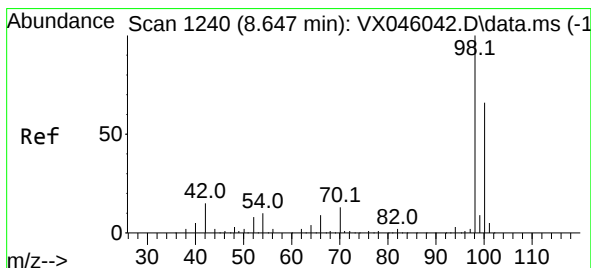
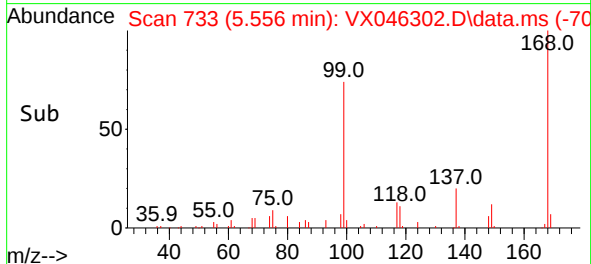
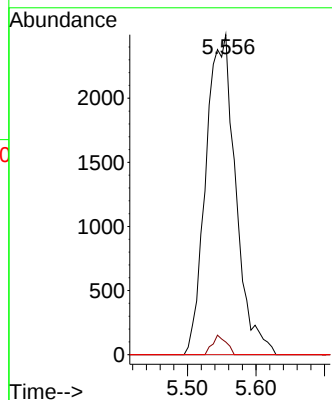


#38
Carbon Tetrachloride
Concen: 5.468 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

Instrument :
MSVOA_X
ClientSampleId :
252820

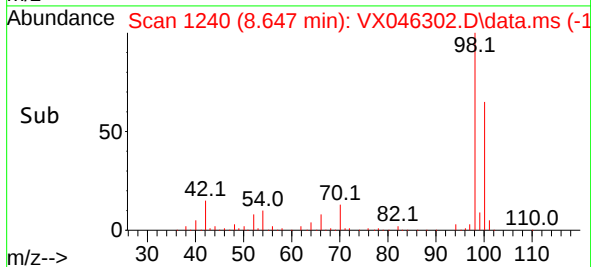
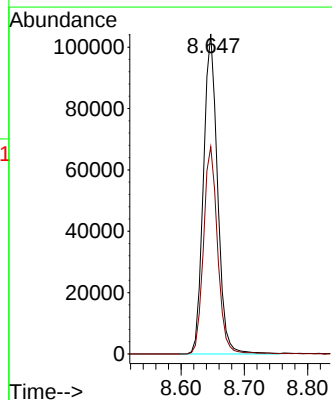
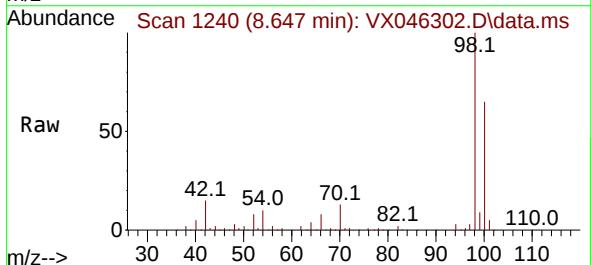


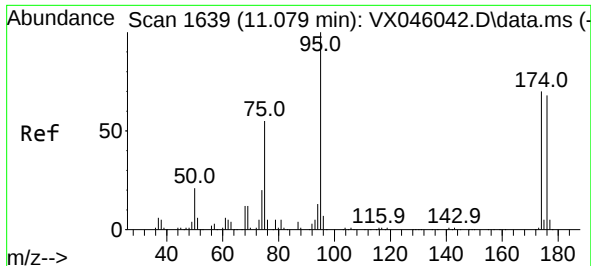
Tgt Ion:117 Resp: 7521
Ion Ratio Lower Upper
117 100
119 3.9 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 51.465 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

Tgt Ion: 98 Resp: 162297
Ion Ratio Lower Upper
98 100
100 64.3 53.5 80.3

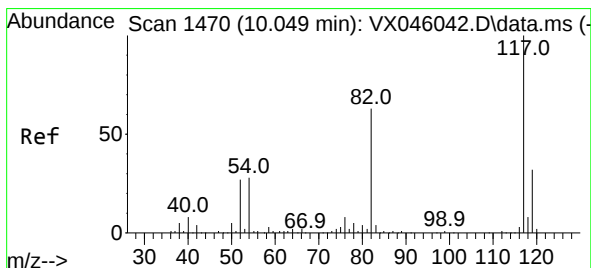
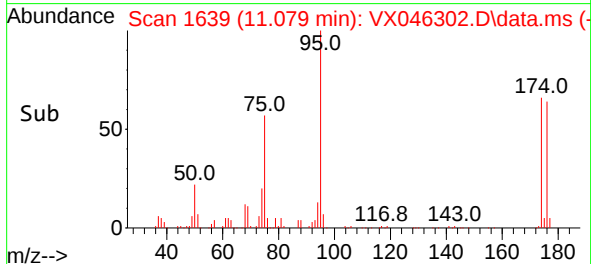
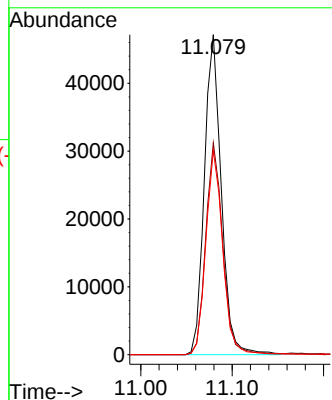
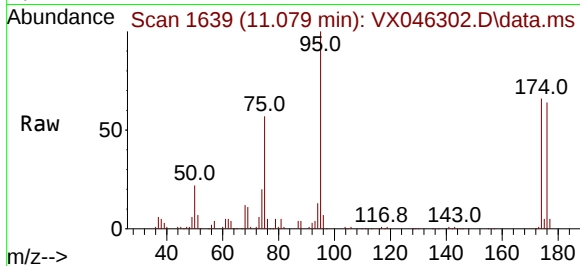




#62
4-Bromofluorobenzene
Concen: 50.058 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

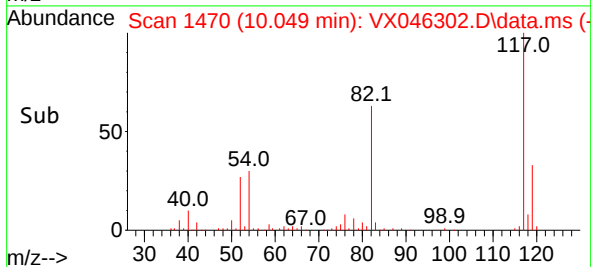
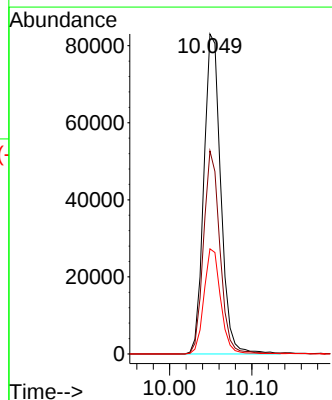
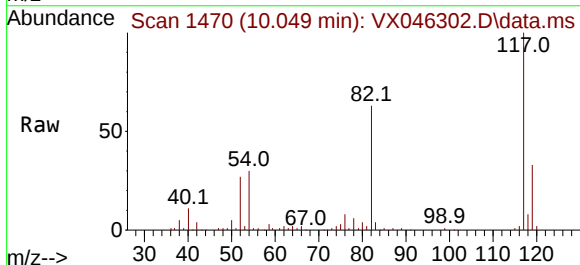
Instrument :
MSVOA_X
ClientSampleId :
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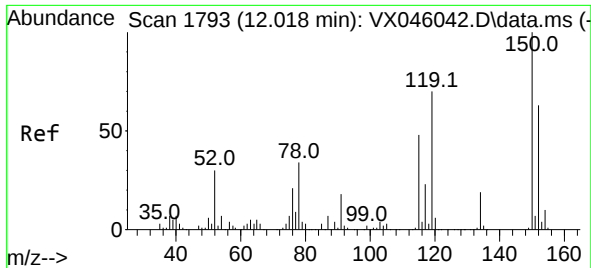
Tgt Ion: 95 Resp: 60553
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 63.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

Tgt Ion: 117 Resp: 118818
Ion Ratio Lower Upper
117 100
82 63.4 50.6 76.0
119 32.8 25.8 38.6

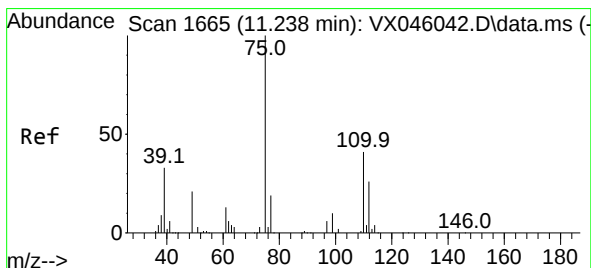
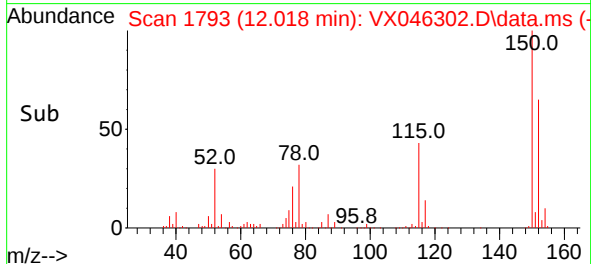
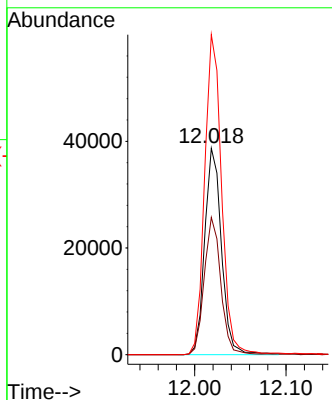
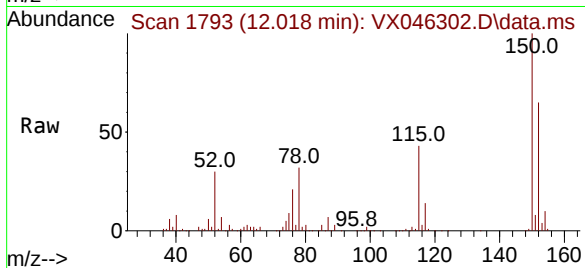




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046302.D
 Acq: 21 May 2025 17:02

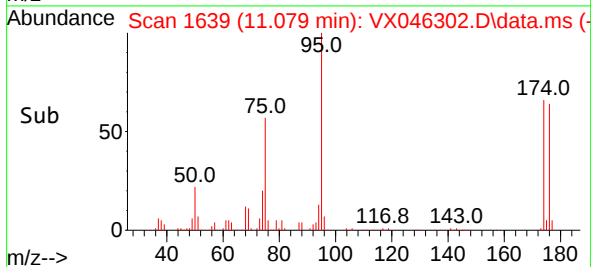
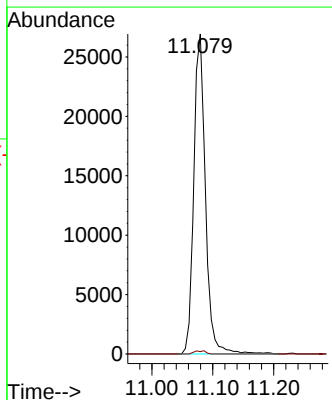
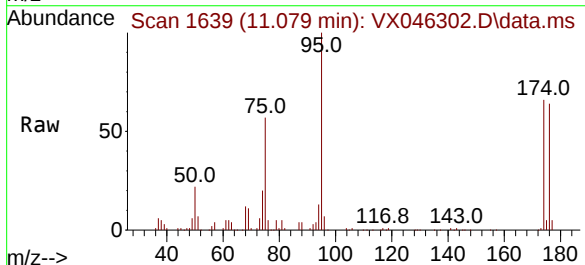
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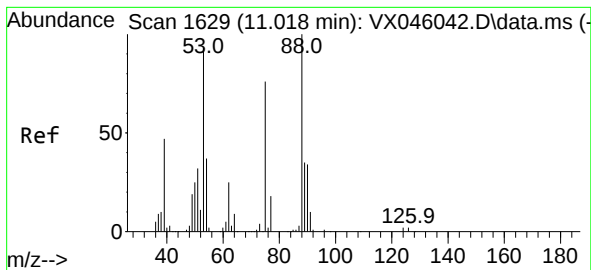
Tgt Ion:152 Resp: 49215
 Ion Ratio Lower Upper
 152 100
 115 65.9 46.9 140.7
 150 155.8 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.163 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046302.D
 Acq: 21 May 2025 17:02

Tgt Ion: 75 Resp: 35732
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.5 61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.201 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

Instrument :
MSVOA_X
ClientSampleId :
252820

Tgt Ion: 75 Resp: 35732
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

