

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046462.D
 Acq On : 03 Jun 2025 11:01
 Operator : JC/MD
 Sample : VX0603WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBL01

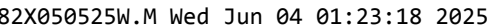
Quant Time: Jun 04 01:23:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	73151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70256	51.516	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.040%	
35) Dibromofluoromethane	5.379	113	52267	49.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.300%	
50) Toluene-d8	8.647	98	183380	49.824	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.640%	
62) 4-Bromofluorobenzene	11.079	95	72606	51.428	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.860%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.537	56	2096	1.290	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	7001	4.900	ug/l #	48
38) Carbon Tetrachloride	5.550	117	8750	5.451	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	1103	0.617	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42109	28.749	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	42109	93.599	ug/l #	1

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

Quant Time: Jun 04 01:23:06 2025
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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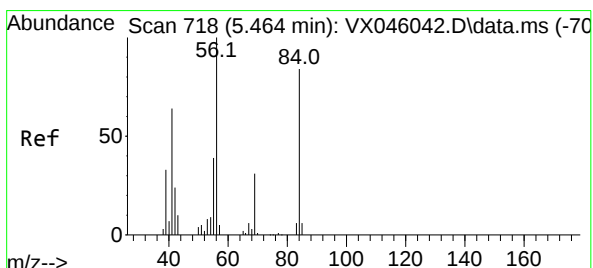
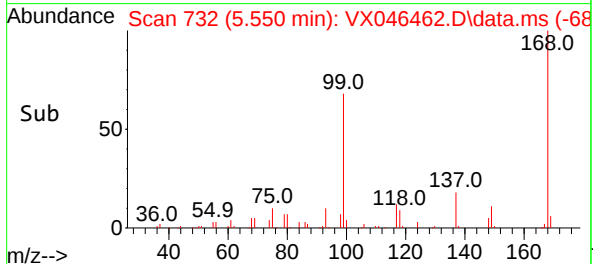
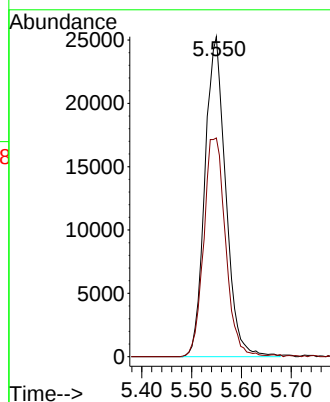
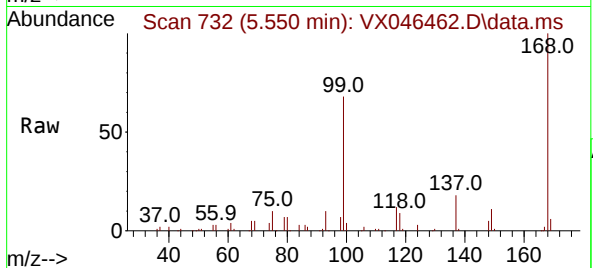




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046462.D
Acq: 03 Jun 2025 11:01

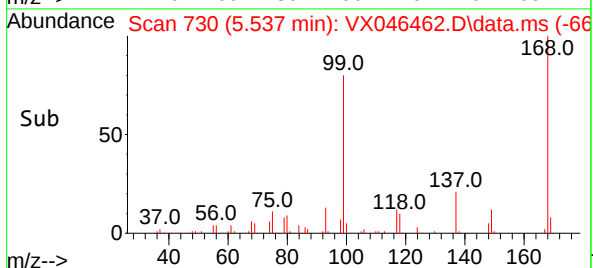
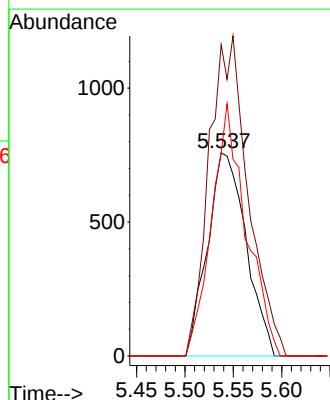
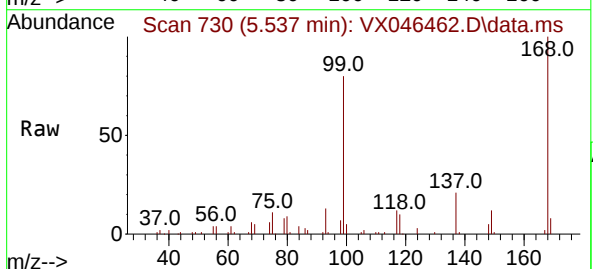
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01

Tgt Ion:168 Resp: 73151
Ion Ratio Lower Upper
168 100
99 68.3 54.9 82.3



#31
Cyclohexane
Concen: 1.290 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX046462.D
Acq: 03 Jun 2025 11:01

Tgt Ion: 56 Resp: 2096
Ion Ratio Lower Upper
56 100
69 153.1 24.4 36.6#
84 99.6 66.9 100.3

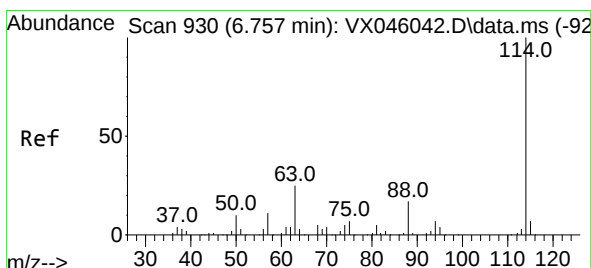
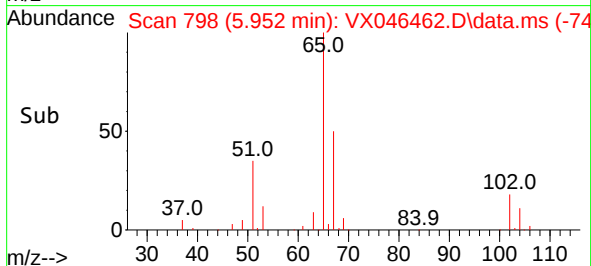
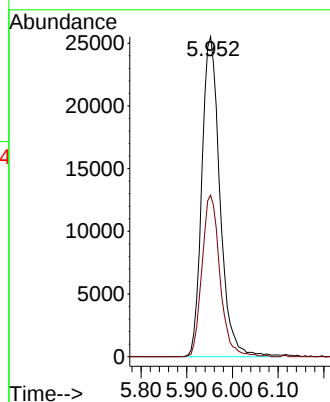
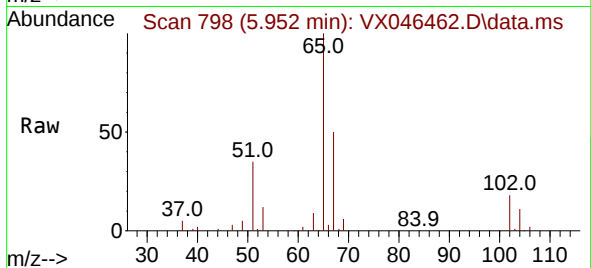




#33
 1,2-Dichloroethane-d4
 Concen: 51.516 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046462.D
 Acq: 03 Jun 2025 11:01

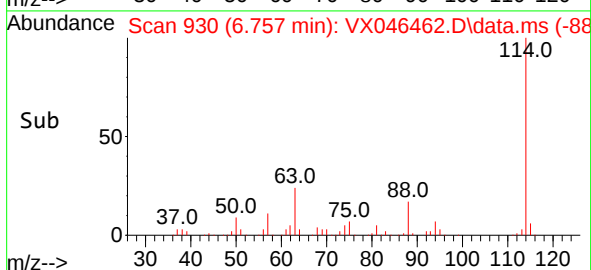
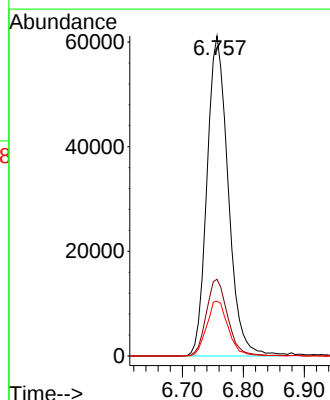
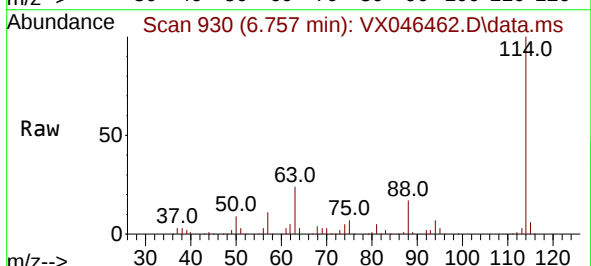
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBL01

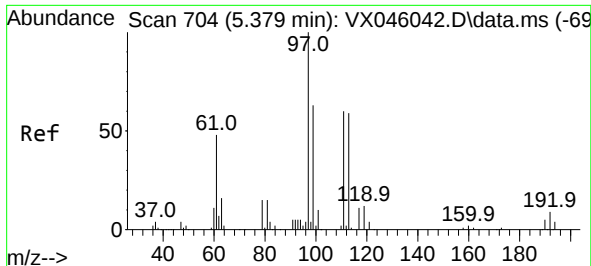
Tgt Ion: 65 Resp: 70256
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046462.D
 Acq: 03 Jun 2025 11:01

Tgt Ion: 114 Resp: 147671
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 17.1 0.0 33.6

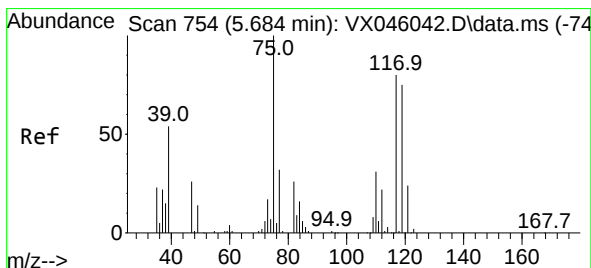
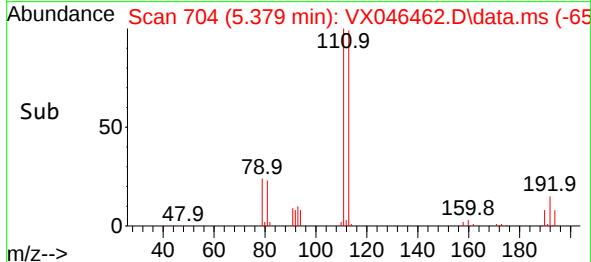
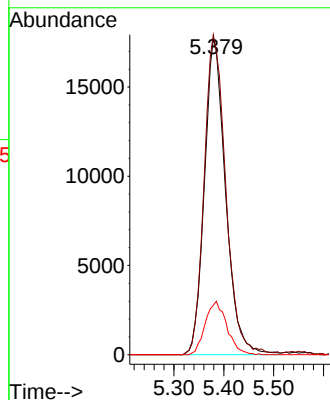
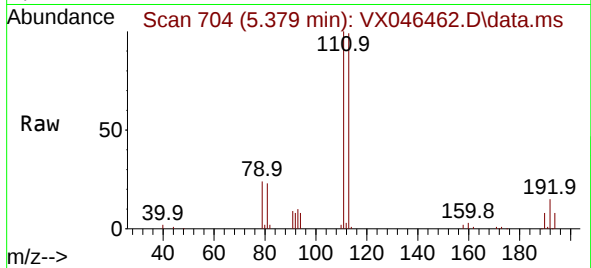




#35
Dibromofluoromethane
Concen: 49.151 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046462.D
Acq: 03 Jun 2025 11:01

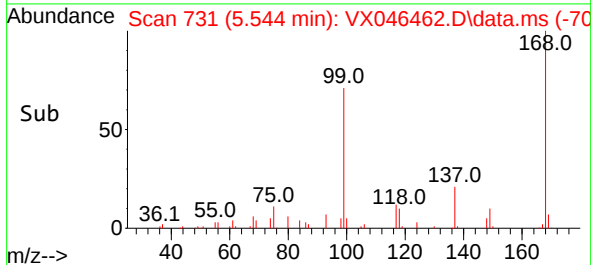
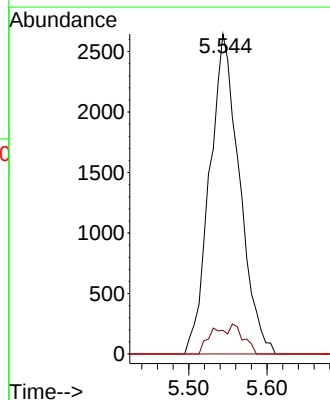
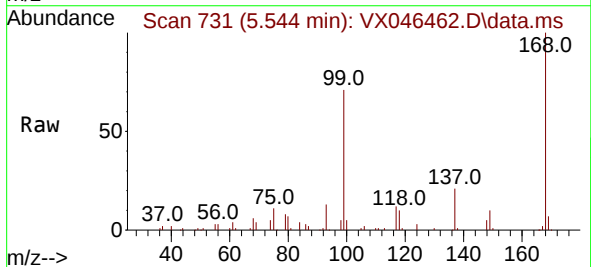
Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01

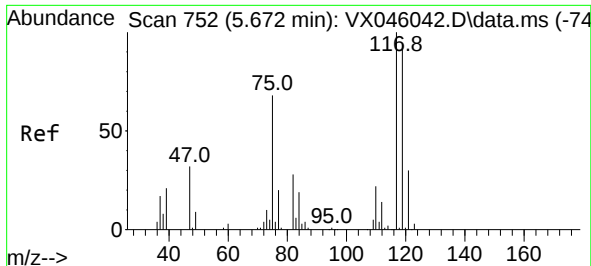
Tgt Ion:113 Resp: 52267
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 17.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046462.D
Acq: 03 Jun 2025 11:01

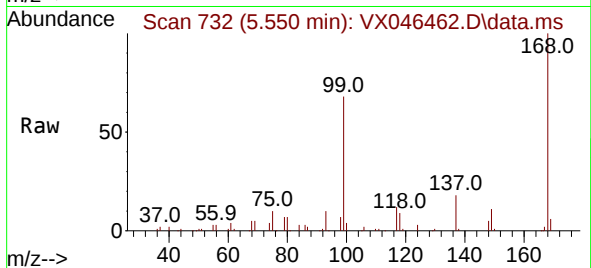
Tgt Ion: 75 Resp: 7001
Ion Ratio Lower Upper
75 100
110 5.2 16.3 48.9#
77 0.0 24.3 36.5#



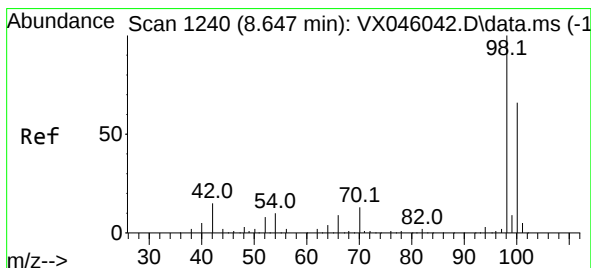
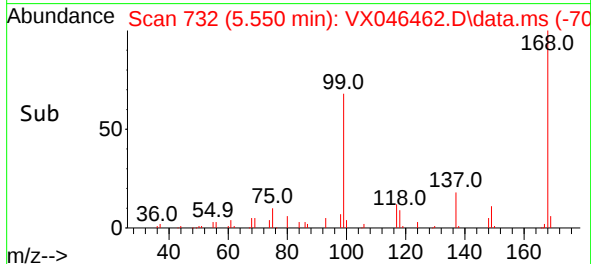
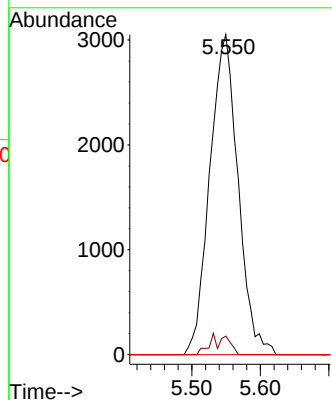


#38
Carbon Tetrachloride
Concen: 5.451 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046462.D
Acq: 03 Jun 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01

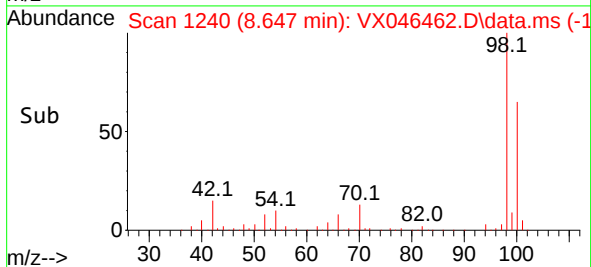
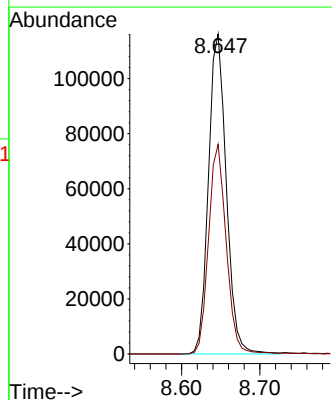
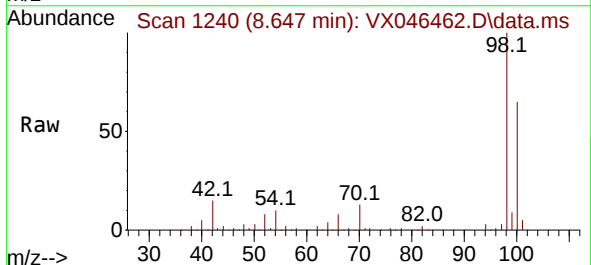


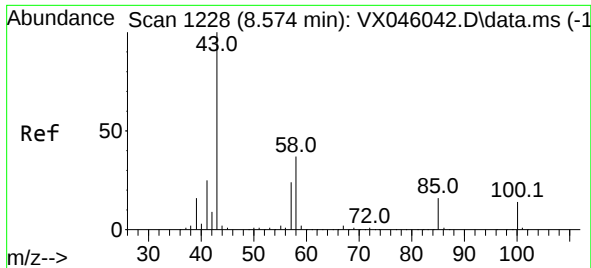
Tgt Ion:117 Resp: 8750
Ion Ratio Lower Upper
117 100
119 5.8 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.824 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046462.D
Acq: 03 Jun 2025 11:01

Tgt Ion: 98 Resp: 183380
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3

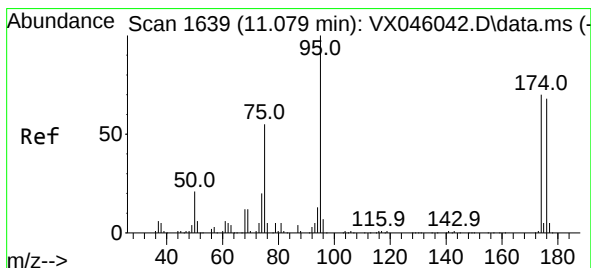
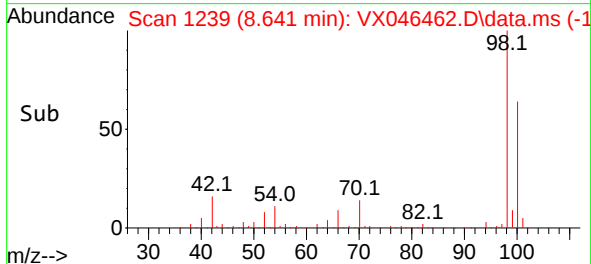
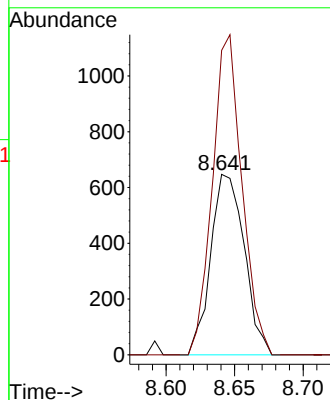
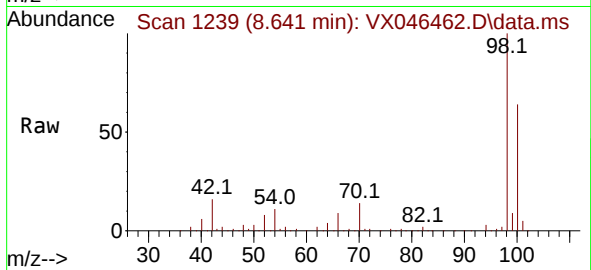




#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 8.641 min Scan# 1103
Delta R.T. 0.067 min
Lab File: VX046462.D
Acq: 03 Jun 2025 11:01

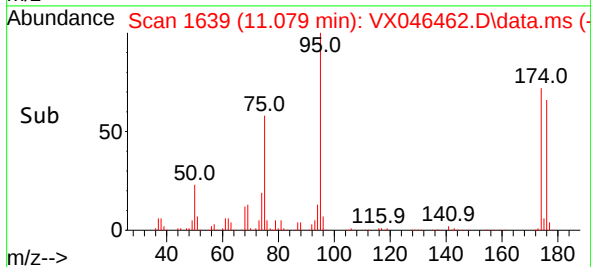
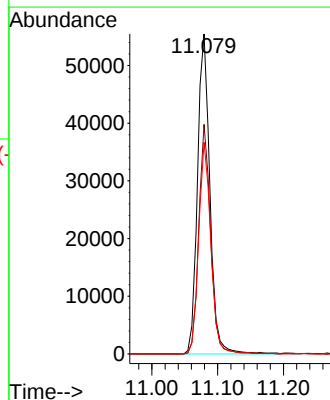
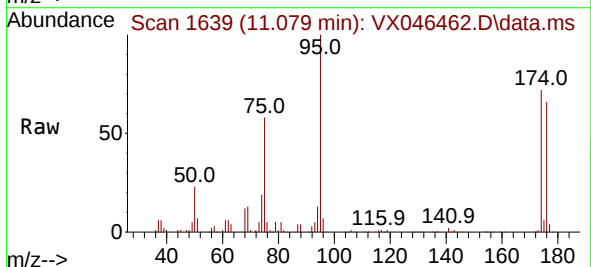
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ClientSampleId :
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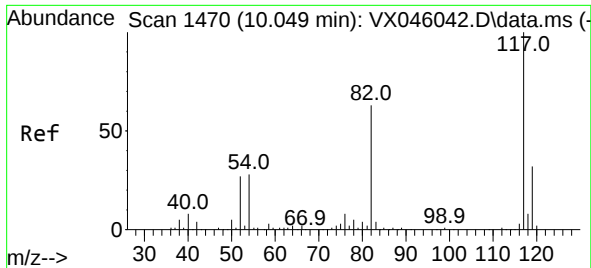
Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 156.2 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 51.428 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046462.D
Acq: 03 Jun 2025 11:01

Tgt Ion: 95 Resp: 72606
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.8
176 65.4 0.0 131.4

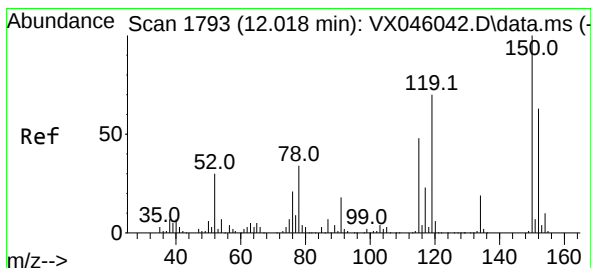
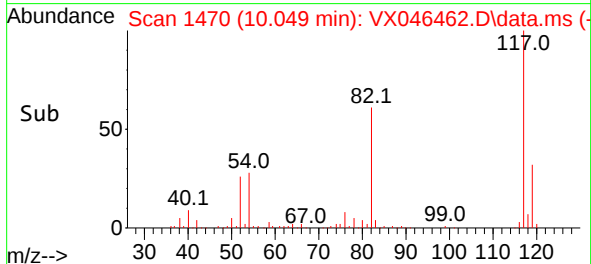
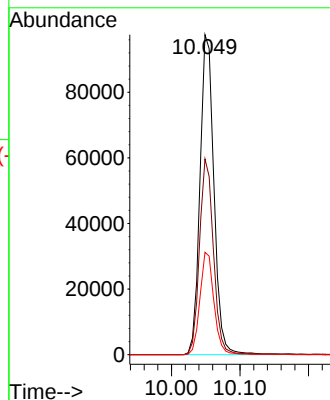
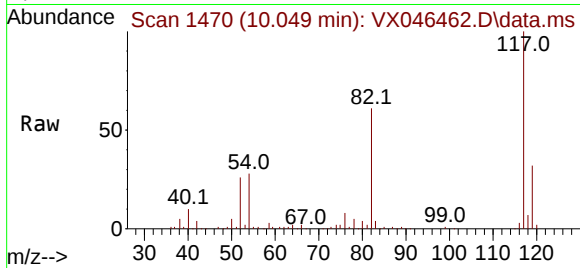




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046462.D
Acq: 03 Jun 2025 11:01

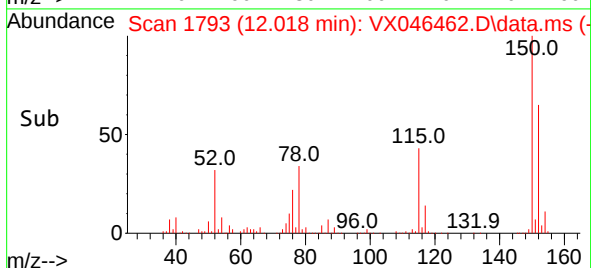
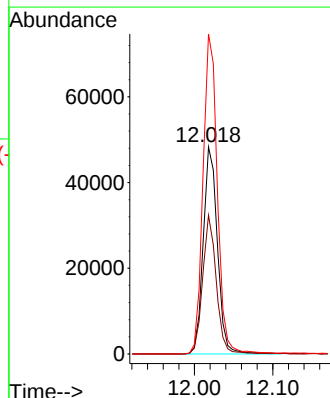
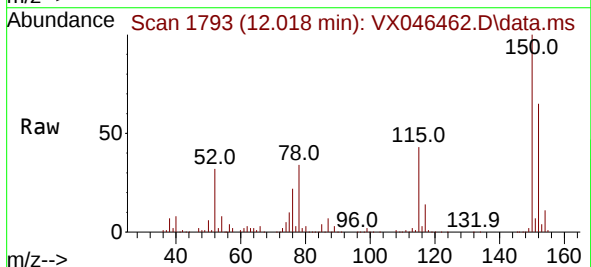
Instrument :
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ClientSampleId :
VX0603WBL01

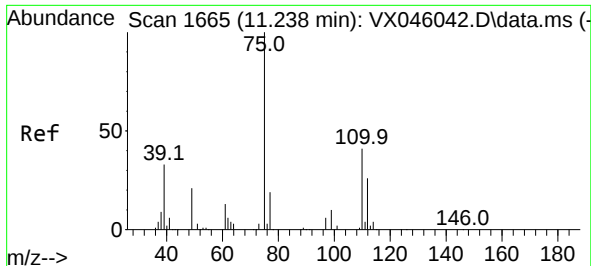
Tgt Ion:117 Resp: 138701
Ion Ratio Lower Upper
117 100
82 61.1 50.6 76.0
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046462.D
Acq: 03 Jun 2025 11:01

Tgt Ion:152 Resp: 60850
Ion Ratio Lower Upper
152 100
115 64.3 46.9 140.7
150 155.7 0.0 351.0

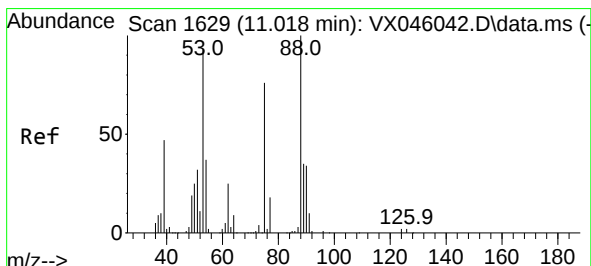
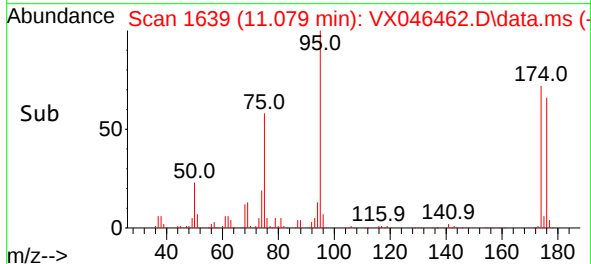
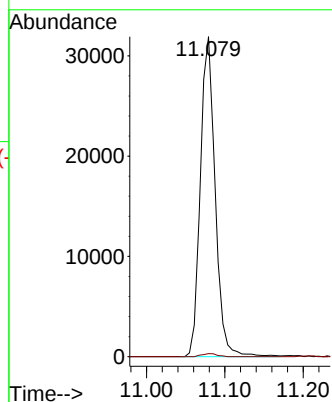
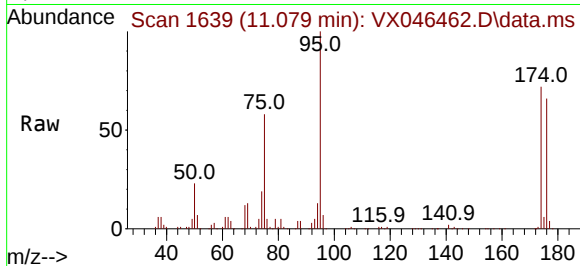




#76
1,2,3-Trichloropropane
Concen: 28.749 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046462.D
Acq: 03 Jun 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBL01

Tgt Ion: 75 Resp: 42109
Ion Ratio Lower Upper
75 100
77 1.0 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.599 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046462.D
Acq: 03 Jun 2025 11:01

Tgt Ion: 75 Resp: 42109
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

