

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046470.D
 Acq On : 03 Jun 2025 14:09
 Operator : JC/MD
 Sample : Q2186-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-720-722

Quant Time: Jun 04 01:27:25 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)

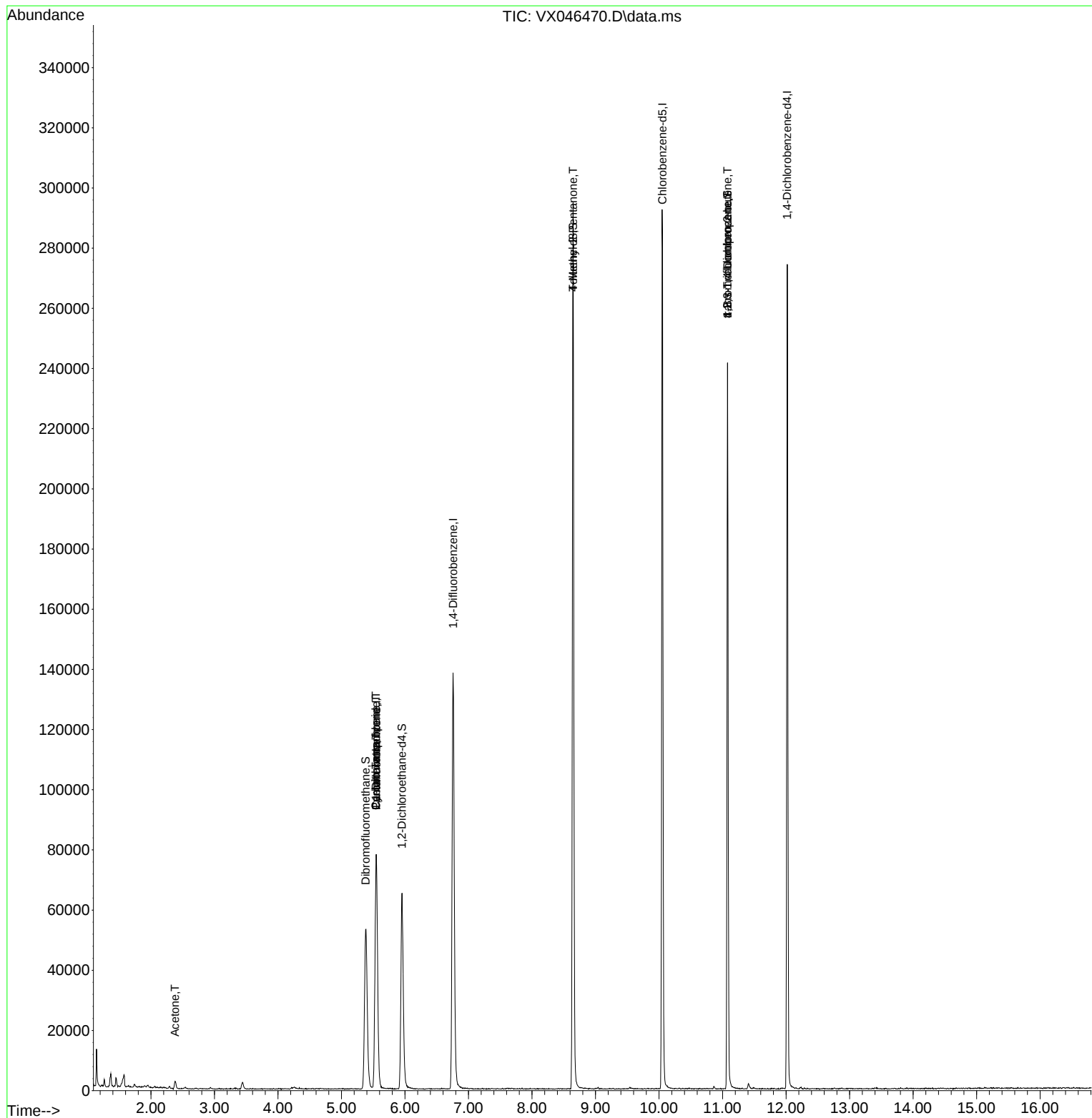
Internal Standards						
1) Pentafluorobenzene	5.550	168	65938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64202	52.227	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.460%	
35) Dibromofluoromethane	5.379	113	46770	48.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.320%	
50) Toluene-d8	8.647	98	163222	49.064	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.120%	
62) 4-Bromofluorobenzene	11.079	95	63368	49.658	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.320%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3123	6.336	ug/l	96
31) Cyclohexane	5.544	56	1940	1.324	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	6479	5.017	ug/l #	52
38) Carbon Tetrachloride	5.544	117	7923	5.460	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	962	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36463	29.882	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36463	97.287	ug/l #	1

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

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BP-VPB-182-GW-720-722

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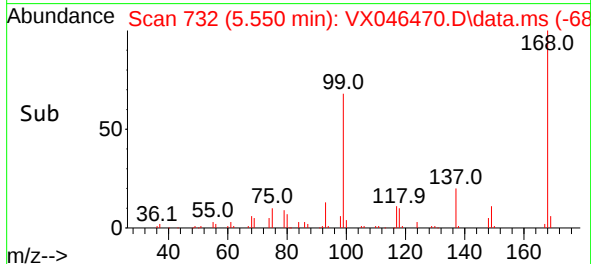
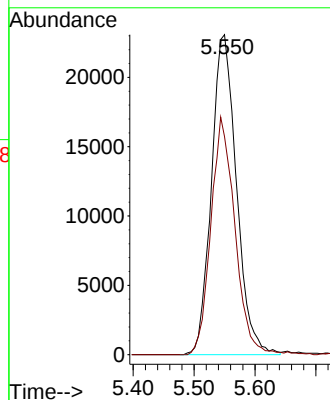
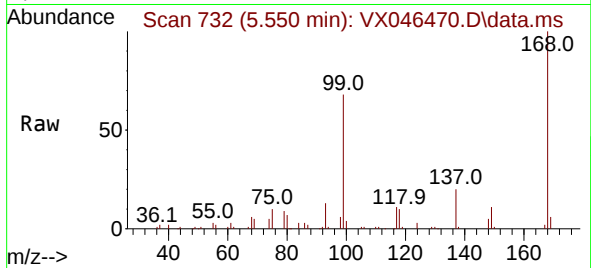




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

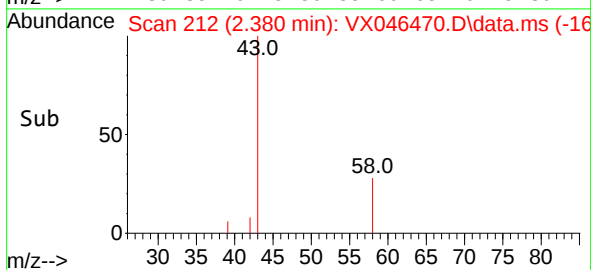
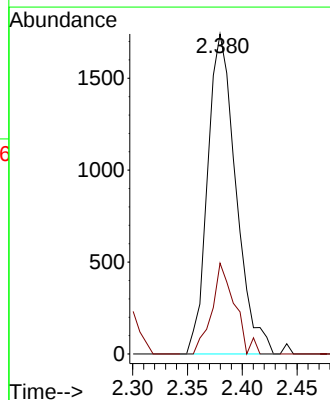
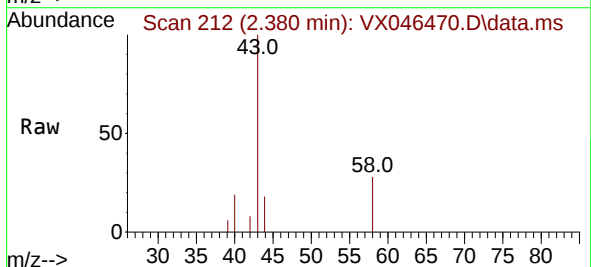
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-720-722

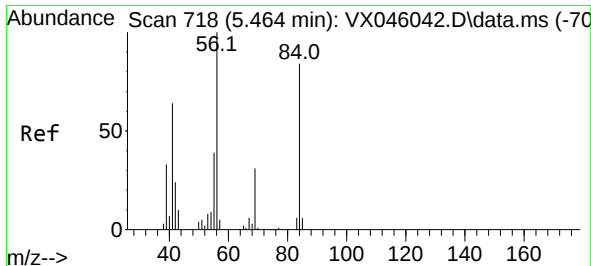
Tgt Ion:168 Resp: 65938
Ion Ratio Lower Upper
168 100
99 68.1 54.9 82.3



#16
Acetone
Concen: 6.336 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

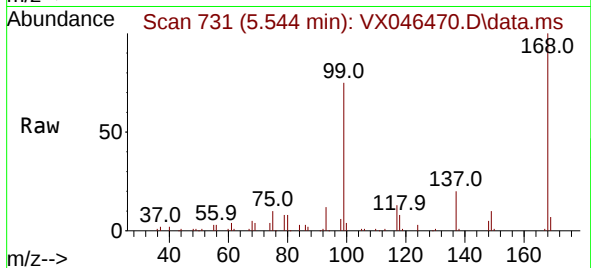
Tgt Ion: 43 Resp: 3123
Ion Ratio Lower Upper
43 100
58 28.4 21.2 31.8



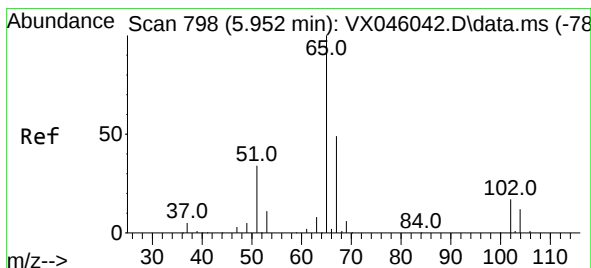
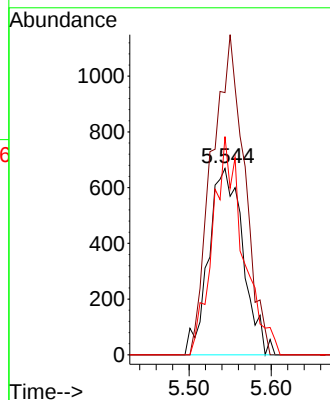
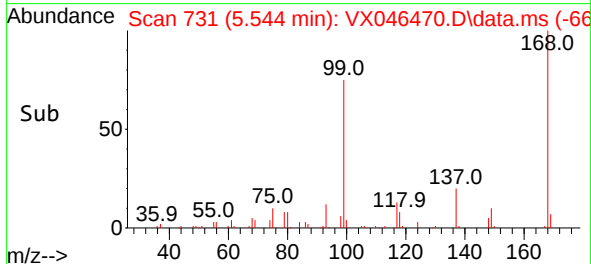


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-720-722

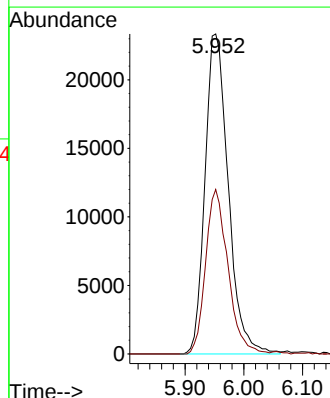
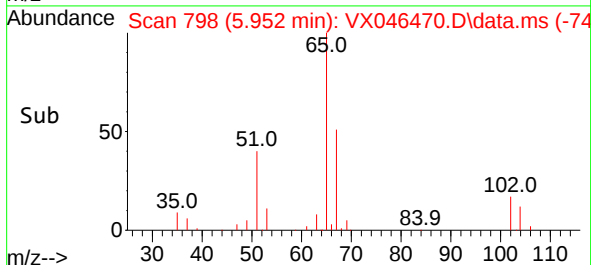
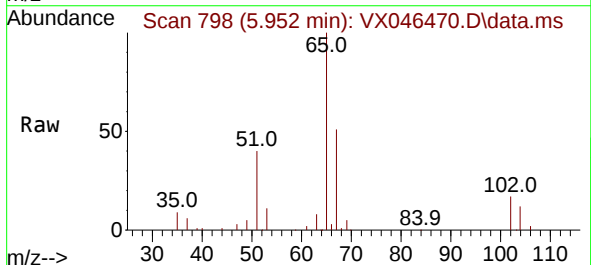


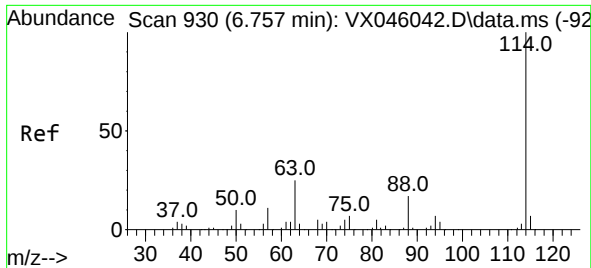
Tgt Ion: 56 Resp: 1940
Ion Ratio Lower Upper
56 100
69 140.7 24.4 36.6#
84 117.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.227 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

Tgt Ion: 65 Resp: 64202
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

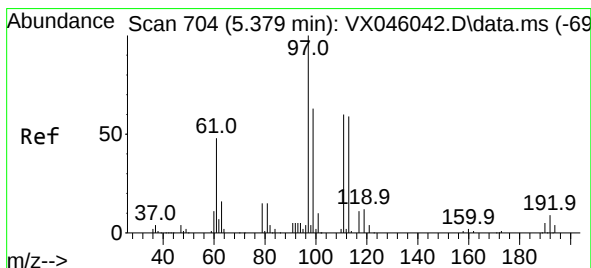
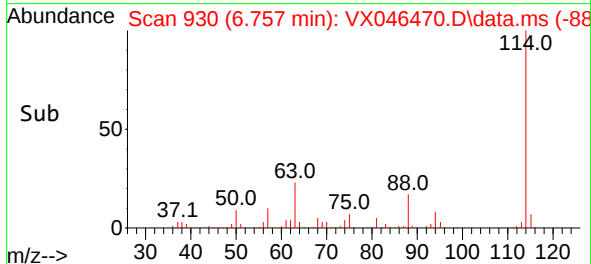
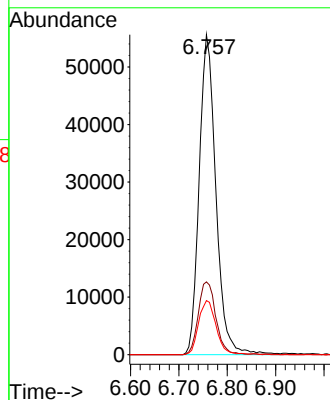
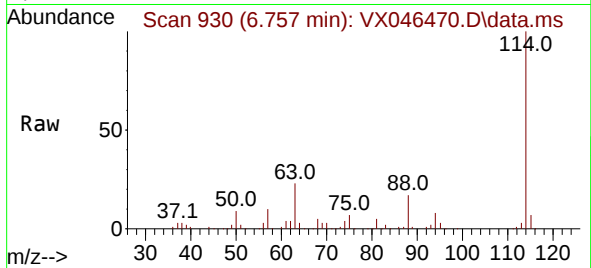




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

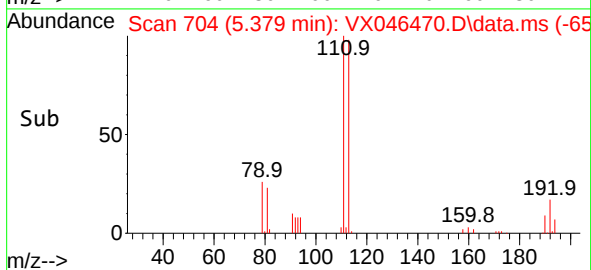
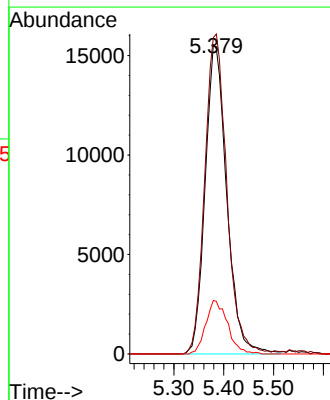
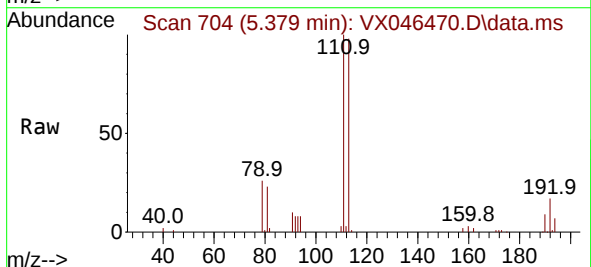
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-720-722

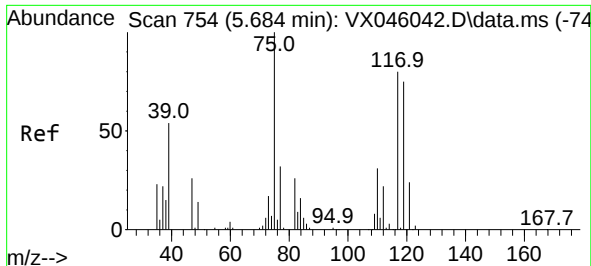
Tgt Ion:114 Resp: 133475
Ion Ratio Lower Upper
114 100
63 22.8 0.0 49.2
88 16.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 48.660 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

Tgt Ion:113 Resp: 46770
Ion Ratio Lower Upper
113 100
111 105.2 83.1 124.7
192 17.5 13.3 19.9

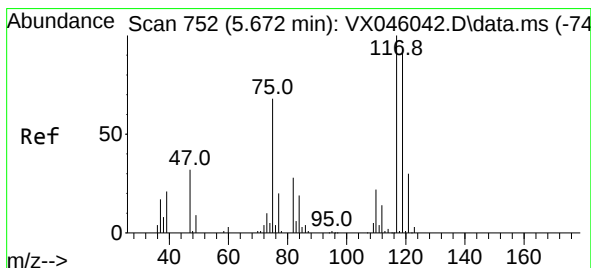
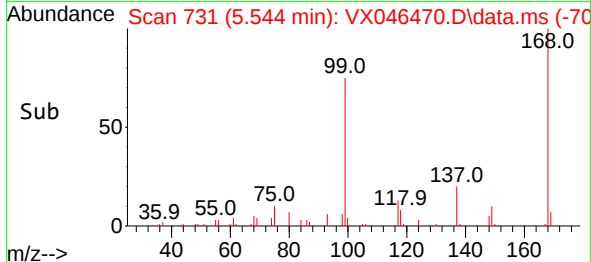
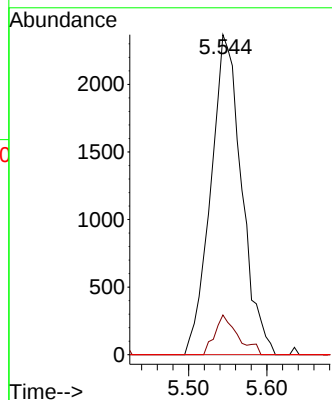
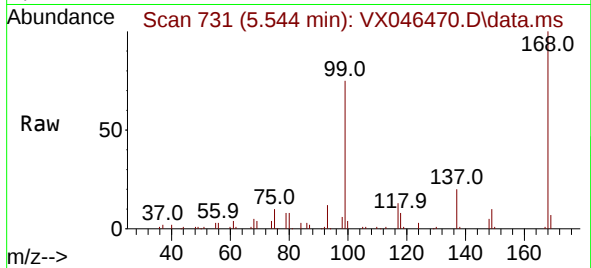




#36
1,1-Dichloropropene
Concen: 5.017 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

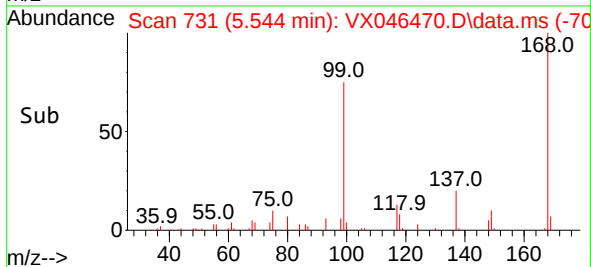
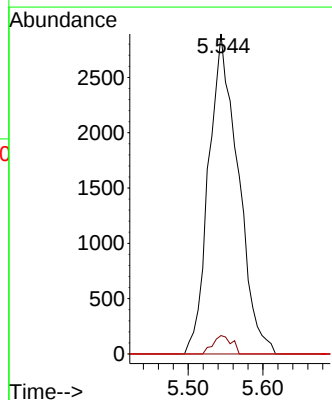
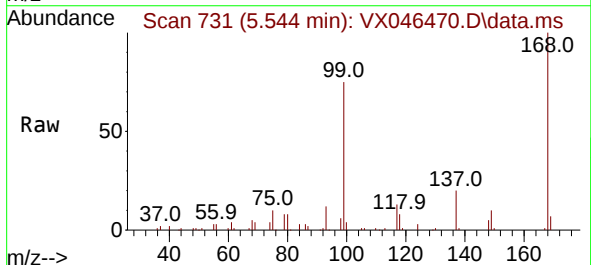
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-720-722

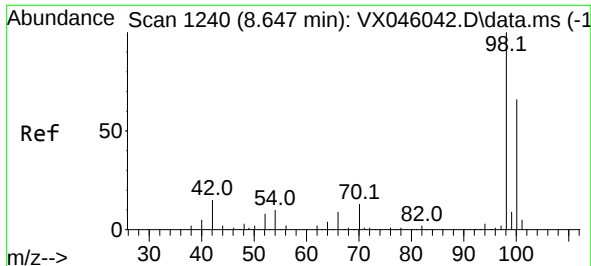
Tgt Ion: 75 Resp: 6479
Ion Ratio Lower Upper
75 100
110 9.2 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.460 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

Tgt Ion: 117 Resp: 7923
Ion Ratio Lower Upper
117 100
119 5.7 75.2 112.8#
121 0.0 24.2 36.4#

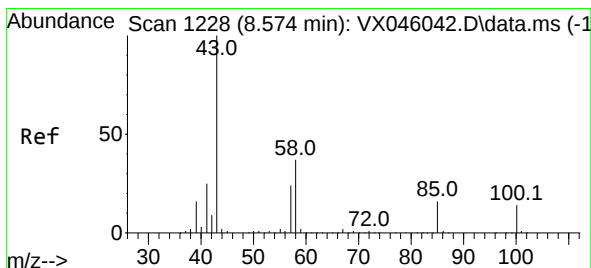
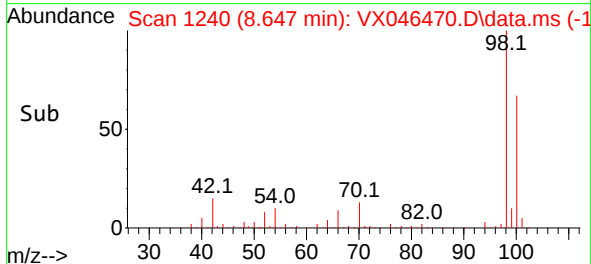
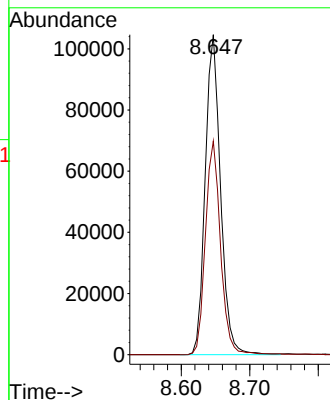
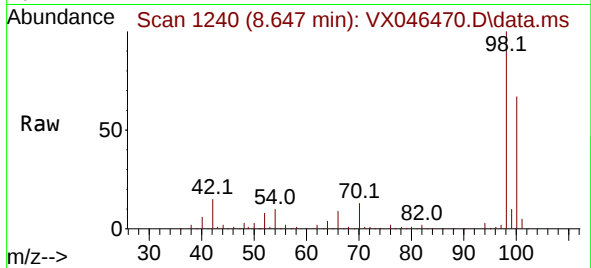




#50
Toluene-d8
Concen: 49.064 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

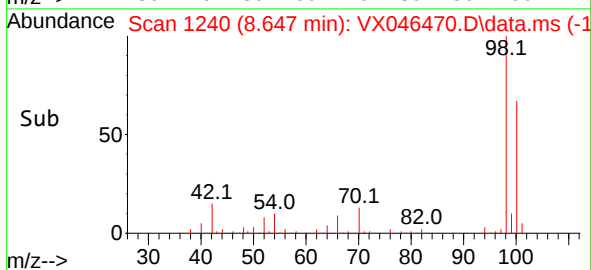
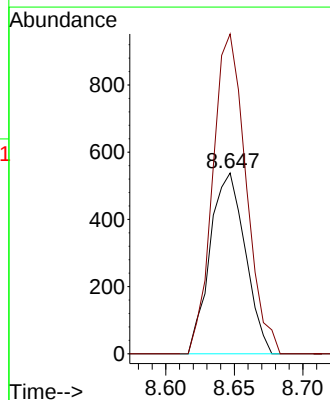
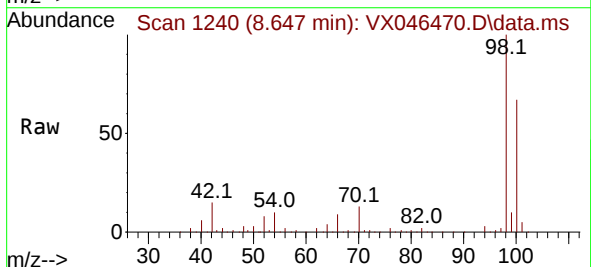
Instrument :
MSVOA_X
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BP-VPB-182-GW-720-722

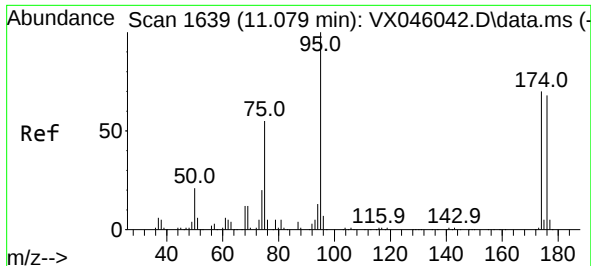
Tgt Ion: 98 Resp: 163222
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

Tgt Ion: 43 Resp: 962
Ion Ratio Lower Upper
43 100
58 167.0 28.9 43.3#

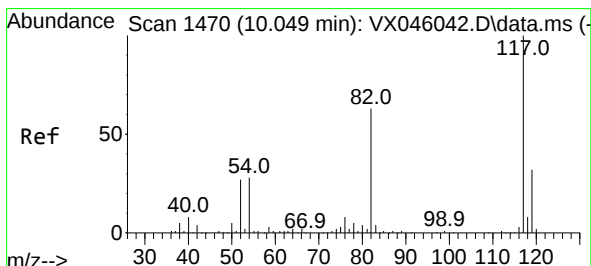
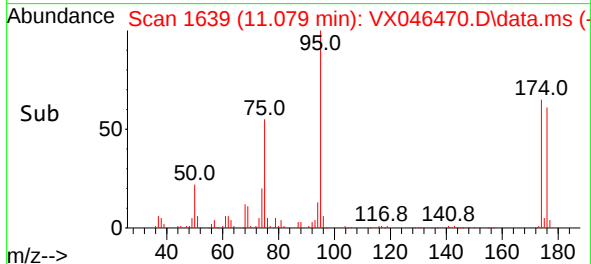
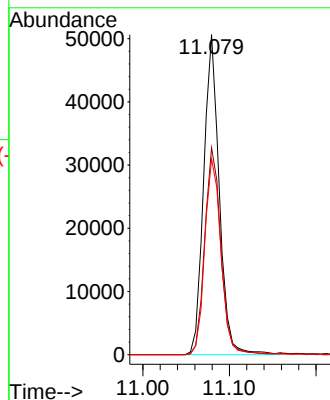
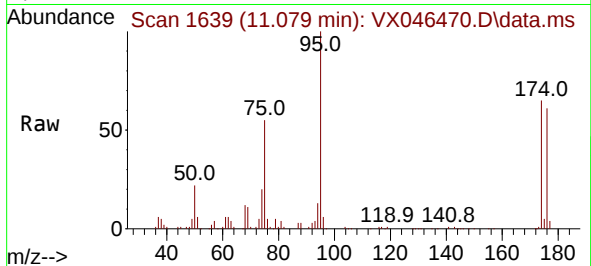




#62
4-Bromofluorobenzene
Concen: 49.658 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

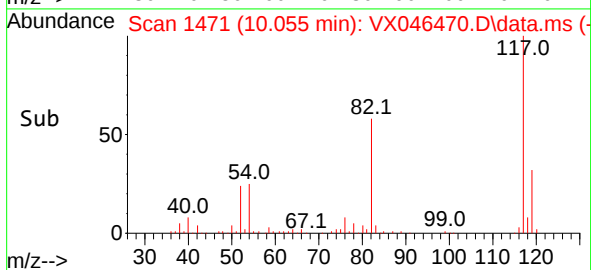
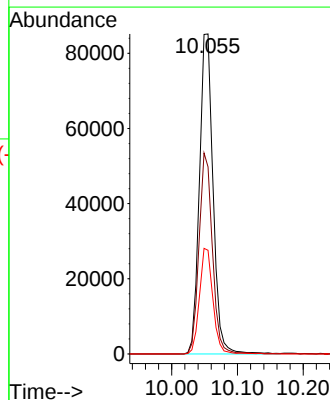
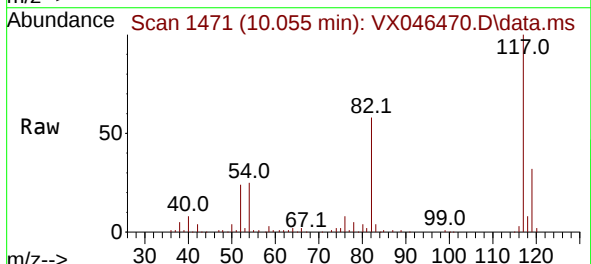
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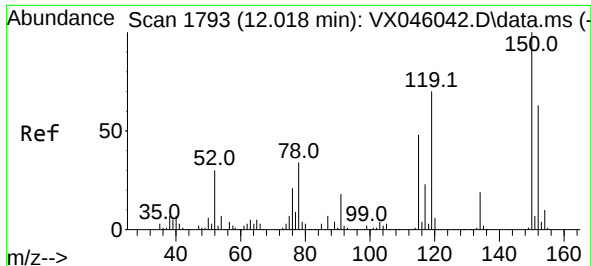
Tgt Ion: 95 Resp: 63368
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 64.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

Tgt Ion: 117 Resp: 122673
Ion Ratio Lower Upper
117 100
82 58.5 50.6 76.0
119 32.4 25.8 38.6

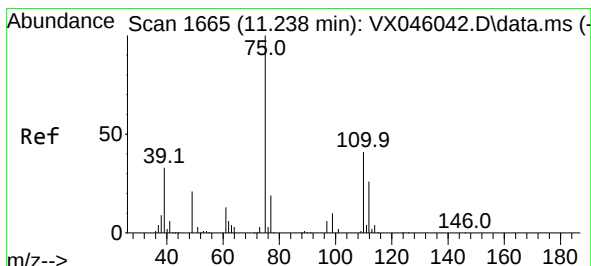
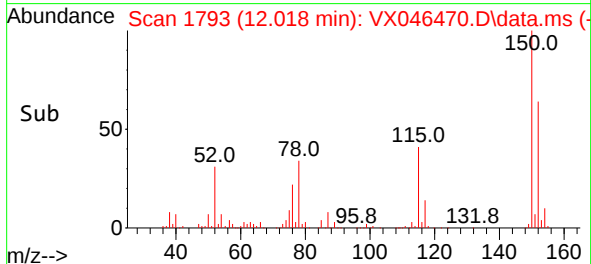
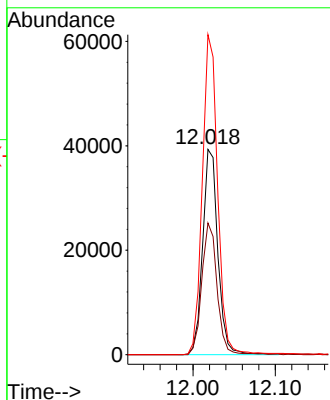
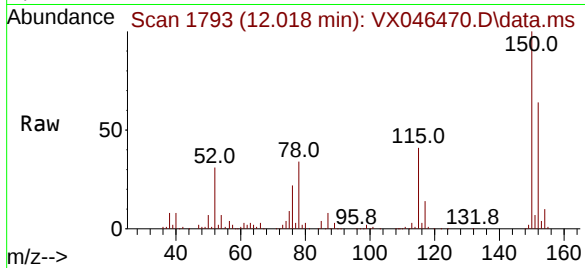




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046470.D
 Acq: 03 Jun 2025 14:09

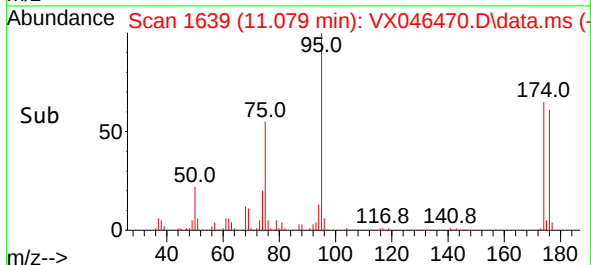
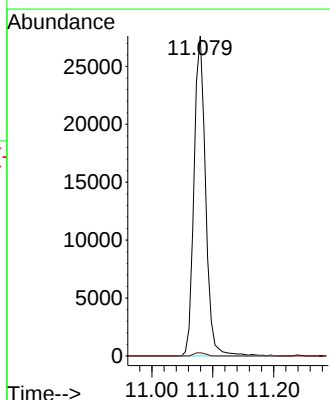
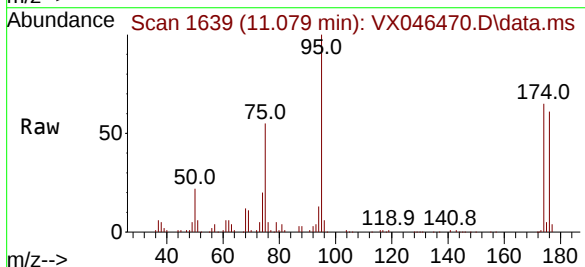
Instrument :
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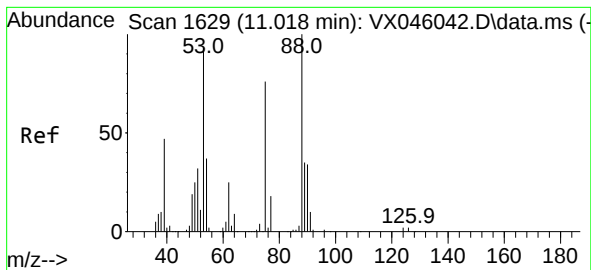
Tgt Ion:152 Resp: 50694
 Ion Ratio Lower Upper
 152 100
 115 64.3 46.9 140.7
 150 157.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.882 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046470.D
 Acq: 03 Jun 2025 14:09

Tgt Ion: 75 Resp: 36463
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.287 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046470.D
 Acq: 03 Jun 2025 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-720-722

Tgt Ion: 75 Resp: 36463
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

