

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046423.D
 Acq On : 30 May 2025 15:49
 Operator : JC/MD
 Sample : Q2162-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-620-622

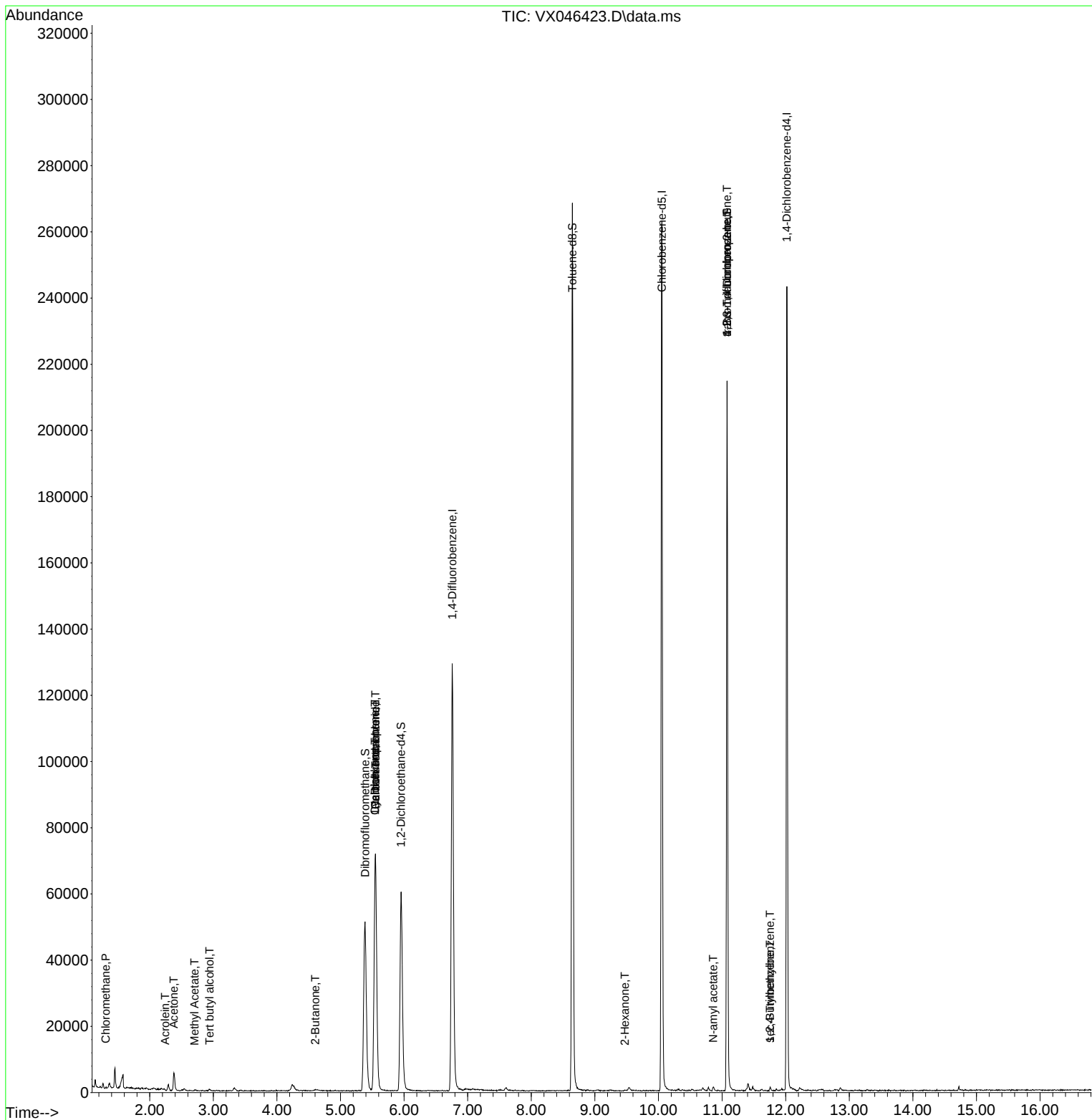
Quant Time: May 31 05:18:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

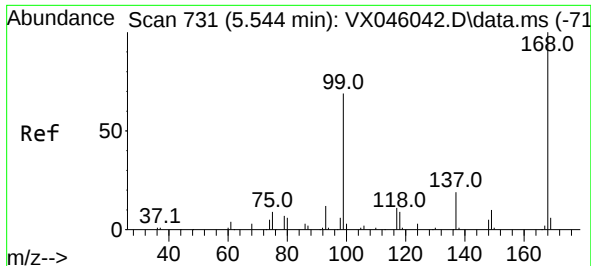
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	60158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60632	54.061	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.120%			
35) Dibromofluoromethane	5.385	113	44162	50.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	8.647	98	150641	49.805	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.600%			
62) 4-Bromofluorobenzene	11.079	95	56303	48.529	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.060%			
Target Compounds					Qvalue	
3) Chloromethane	1.307	50	187	0.209	ug/l #	43
11) Tert butyl alcohol	2.940	59	200	1.270	ug/l #	72
13) Acrolein	2.239	56	37	0.206	ug/l #	15
16) Acetone	2.380	43	5821	12.945	ug/l #	86
18) Methyl Acetate	2.703	43	395	0.379	ug/l #	55
25) 2-Butanone	4.605	43	833	1.276	ug/l #	87
31) Cyclohexane	5.544	56	1778	1.330	ug/l #	30
36) 1,1-Dichloropropene	5.544	75	6067	5.167	ug/l #	52
38) Carbon Tetrachloride	5.550	117	7353	5.574	ug/l #	19
59) 2-Hexanone	9.470	43	291	0.268	ug/l #	28
74) N-amyl acetate	10.860	43	486	0.280	ug/l #	76
76) 1,2,3-Trichloropropane	11.079	75	32734	30.154	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32734	98.172	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.756	105	813	0.274	ug/l	100
85) sec-Butylbenzene	11.756	105	813	0.224	ug/l #	57

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

Quant Time: May 31 05:18:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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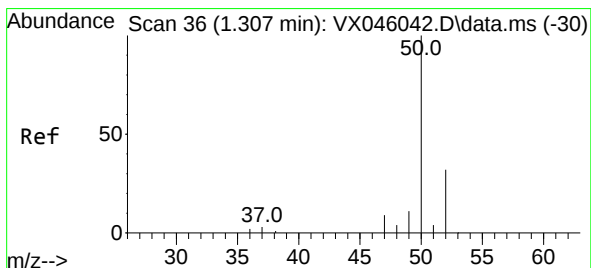
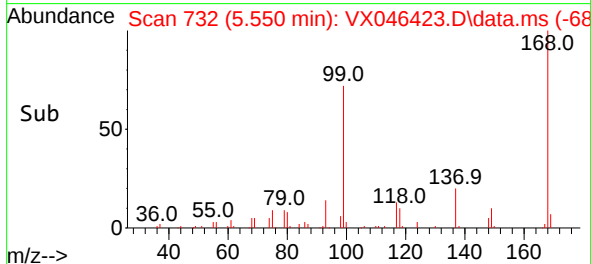
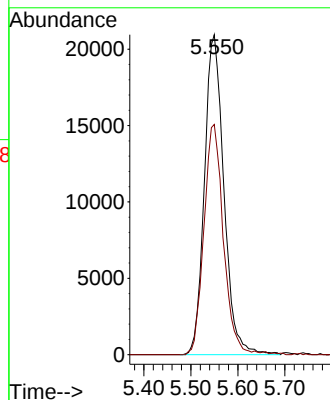
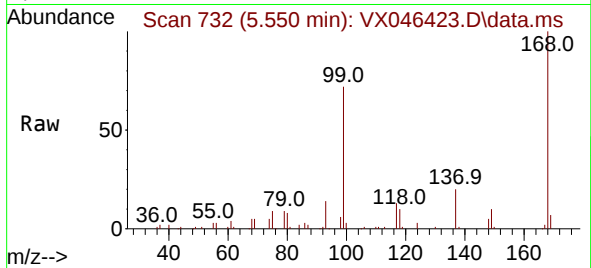




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

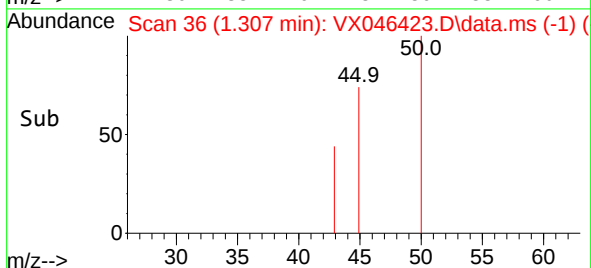
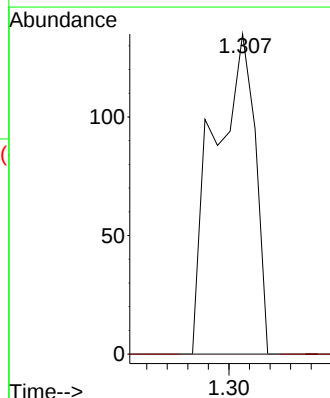
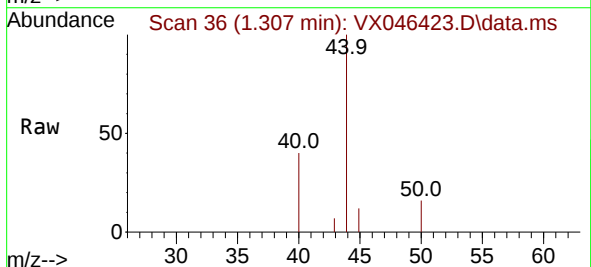
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

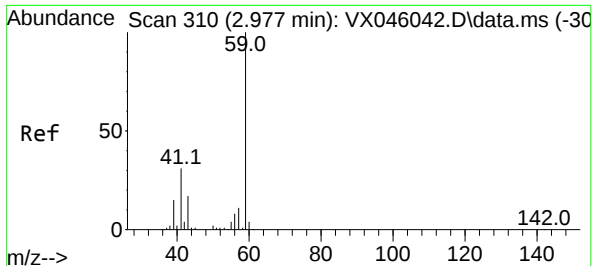
Tgt Ion:168 Resp: 60158
Ion Ratio Lower Upper
168 100
99 72.0 54.9 82.3



#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion: 50 Resp: 187
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.270 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.037 min

Lab File: VX046423.D

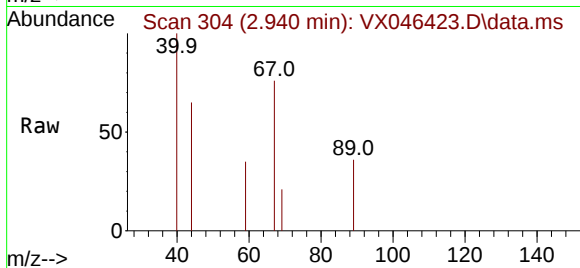
Acq: 30 May 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-620-622

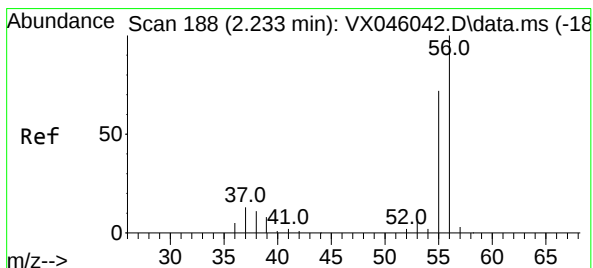
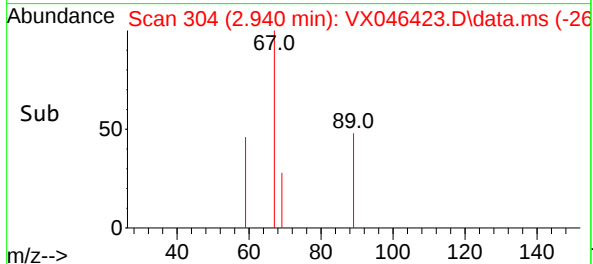
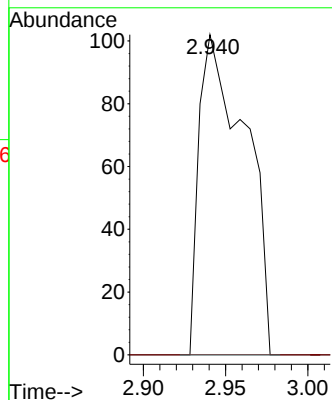


Tgt Ion: 59 Resp: 200

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 0.206 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX046423.D

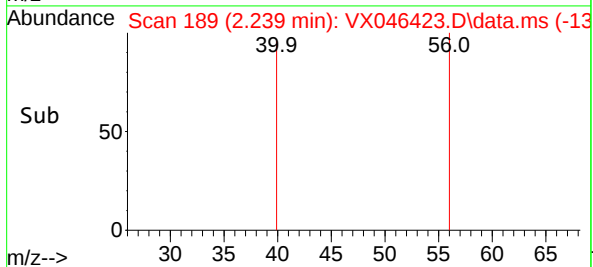
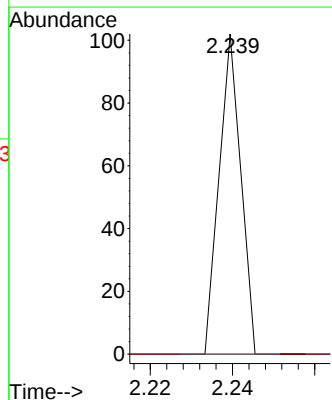
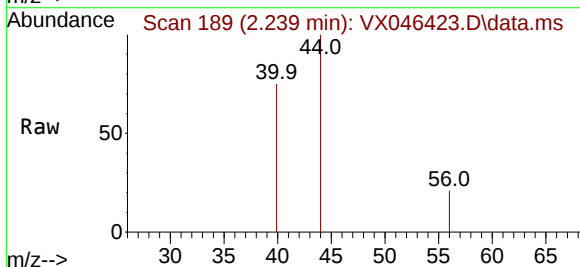
Acq: 30 May 2025 15:49

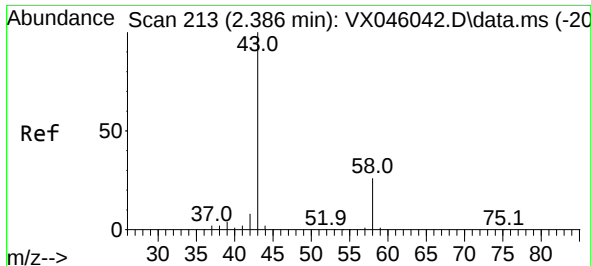
Tgt Ion: 56 Resp: 37

Ion Ratio Lower Upper

56 100

55 0.0 56.2 84.4#

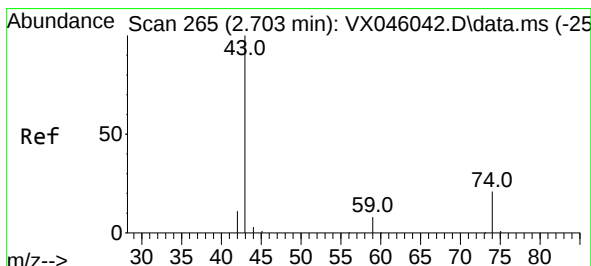
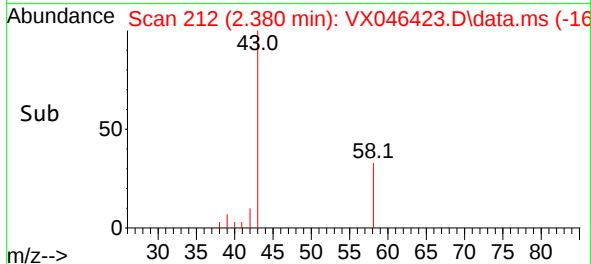
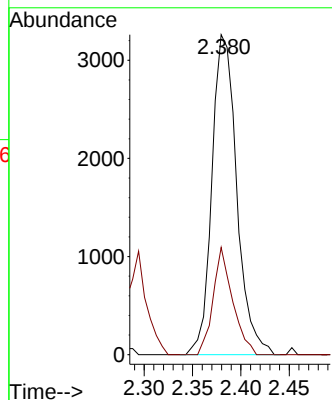
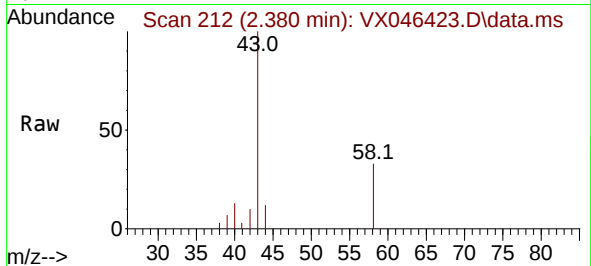




#16
Acetone
Concen: 12.945 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

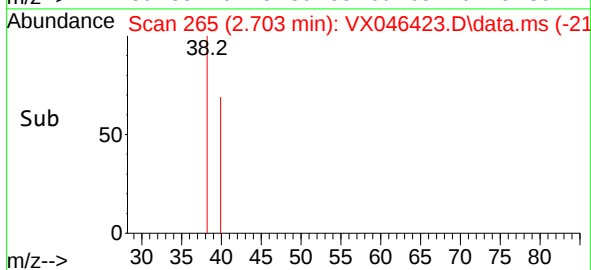
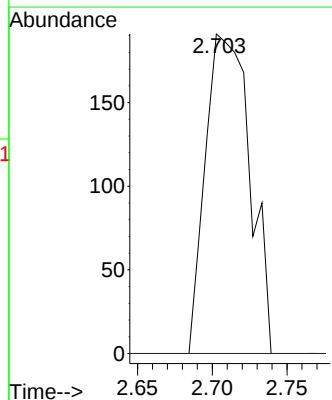
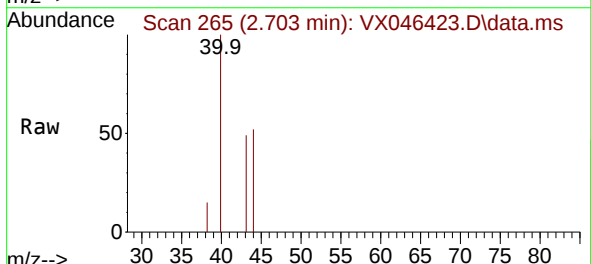
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

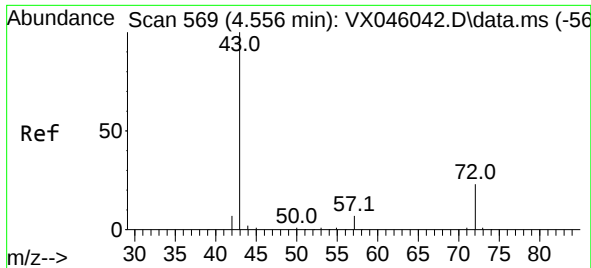
Tgt Ion: 43 Resp: 5821
Ion Ratio Lower Upper
43 100
58 33.5 21.2 31.8#



#18
Methyl Acetate
Concen: 0.379 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

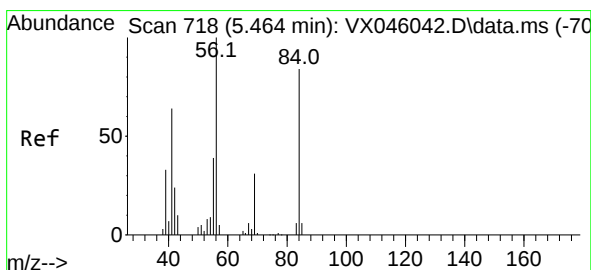
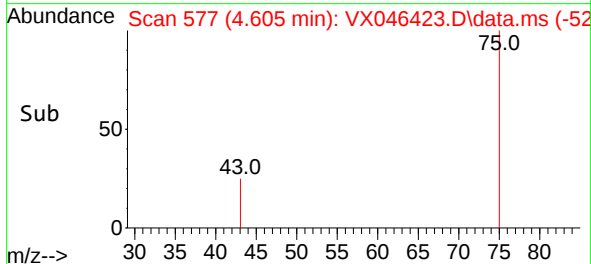
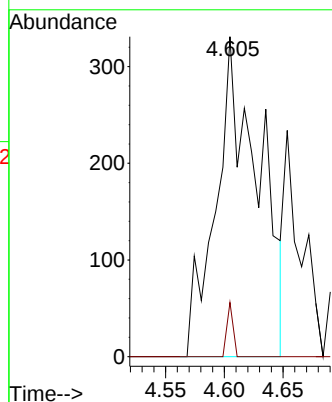
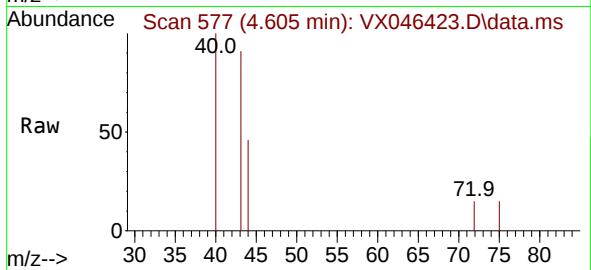




#25
2-Butanone
Concen: 1.276 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

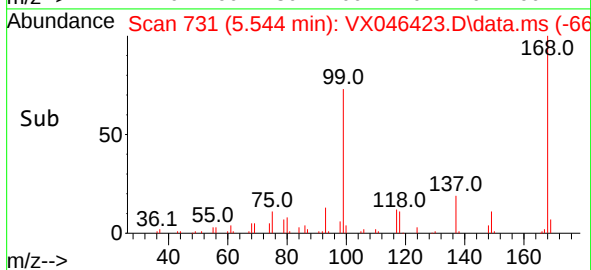
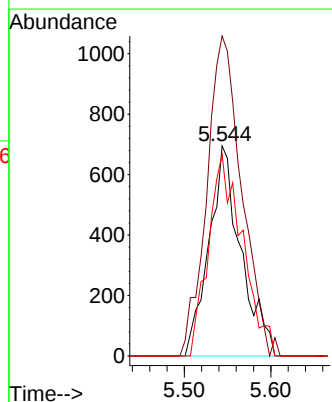
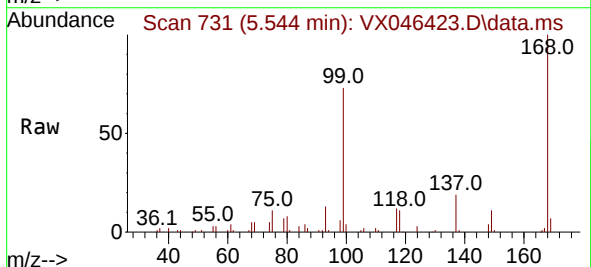
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

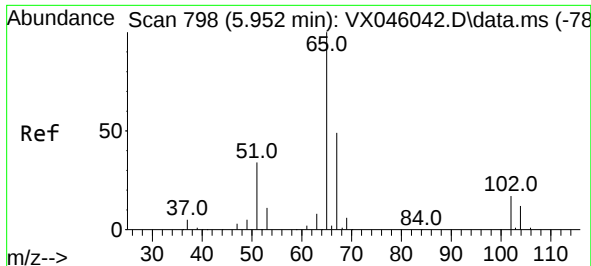
Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
72 16.9 18.4 27.6#



#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion: 56 Resp: 1778
Ion Ratio Lower Upper
56 100
69 152.4 24.4 36.6#
84 96.0 66.9 100.3

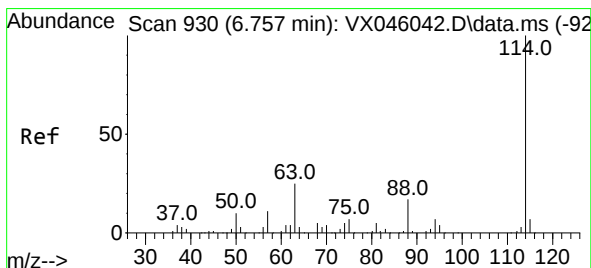
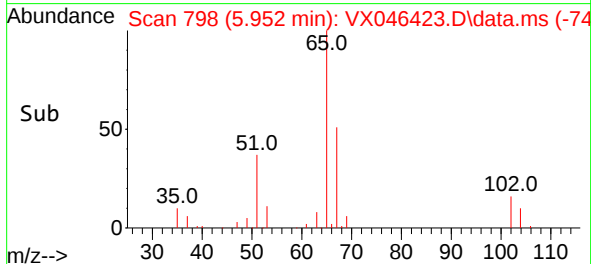
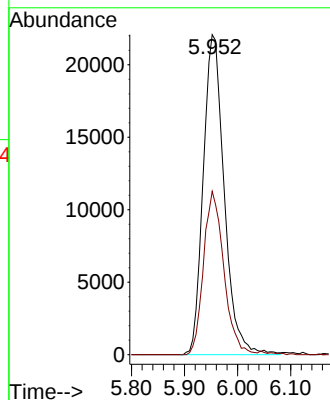
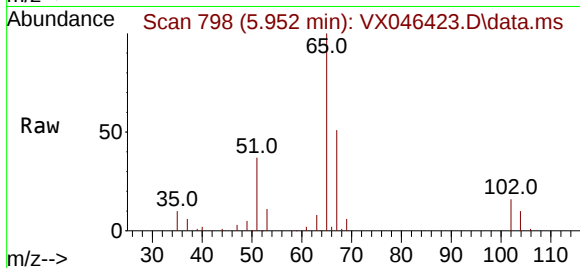




#33
 1,2-Dichloroethane-d4
 Concen: 54.061 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046423.D
 Acq: 30 May 2025 15:49

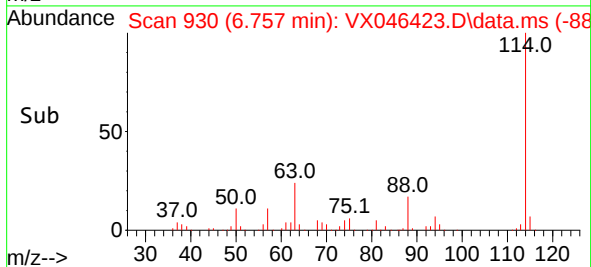
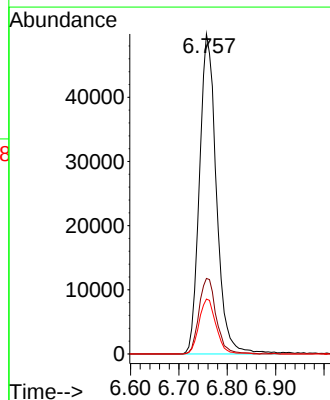
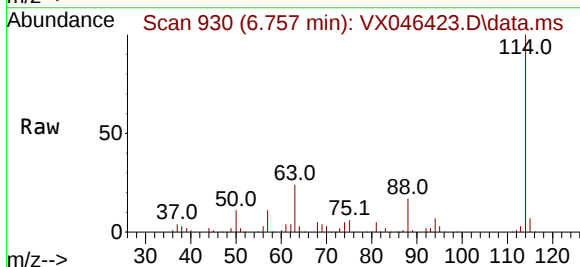
Instrument : MSVOA_X
 ClientSampleId : BP-VPB-182-GW-620-622

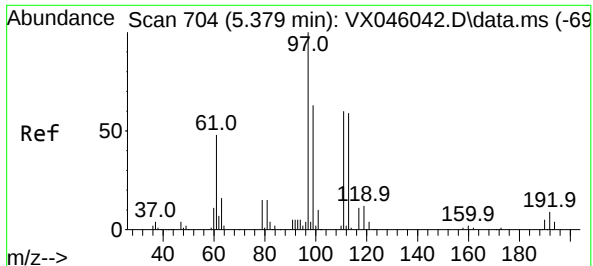
Tgt Ion: 65 Resp: 60632
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046423.D
 Acq: 30 May 2025 15:49

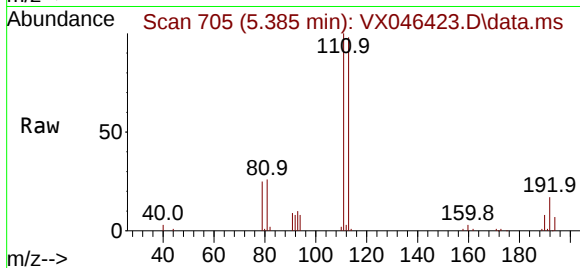
Tgt Ion: 114 Resp: 121355
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 49.2
 88 17.2 0.0 33.6



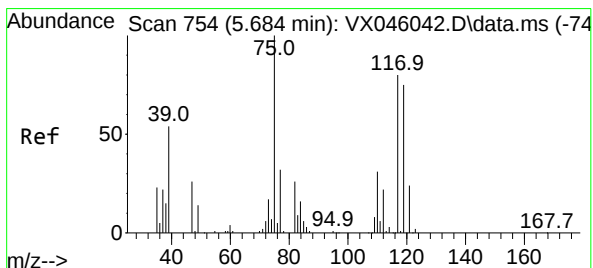
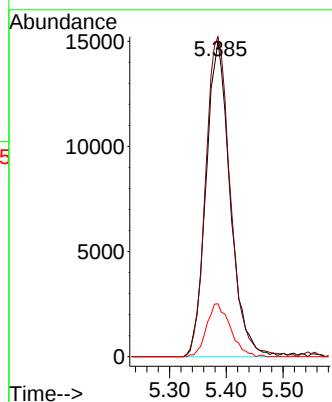
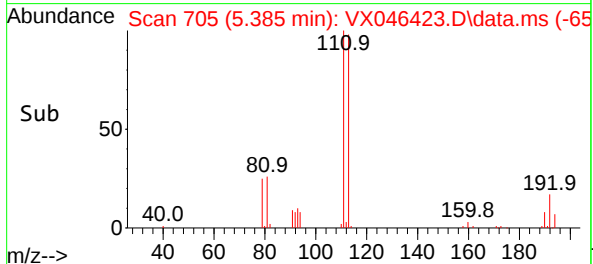


#35
Dibromofluoromethane
Concen: 50.535 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

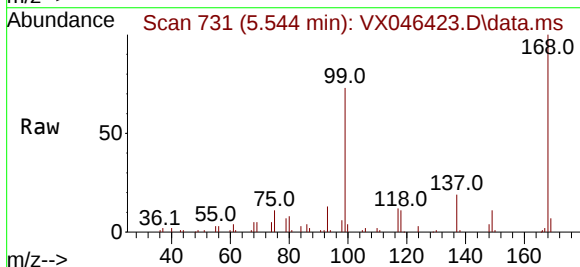
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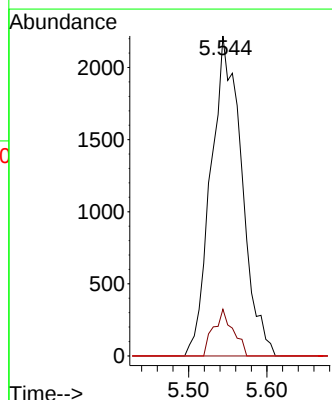
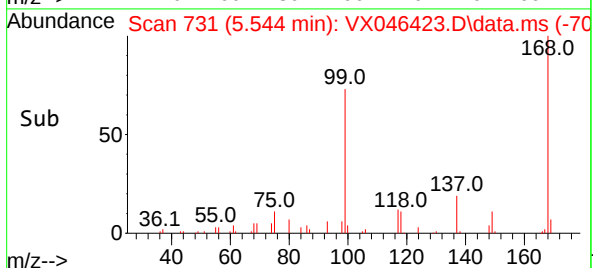
Tgt Ion:113 Resp: 44162
Ion Ratio Lower Upper
113 100
111 104.2 83.1 124.7
192 16.7 13.3 19.9

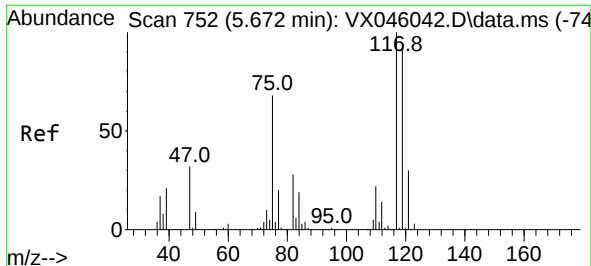


#36
1,1-Dichloropropene
Concen: 5.167 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49



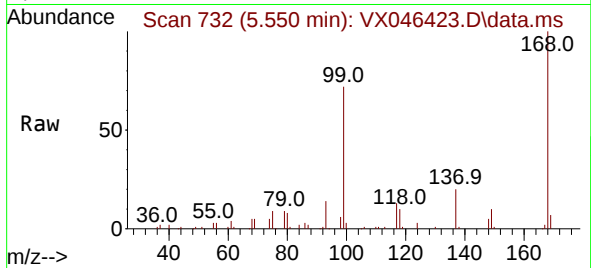
Tgt Ion: 75 Resp: 6067
Ion Ratio Lower Upper
75 100
110 9.2 16.3 48.9#
77 0.0 24.3 36.5#



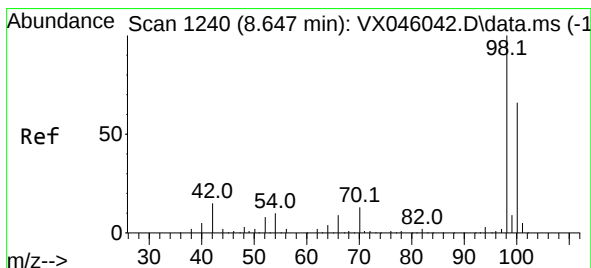
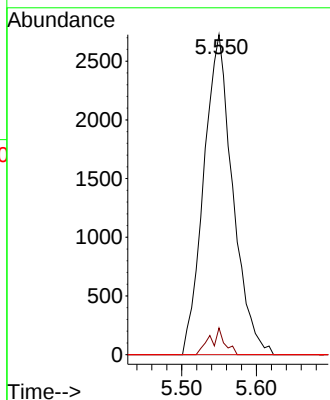
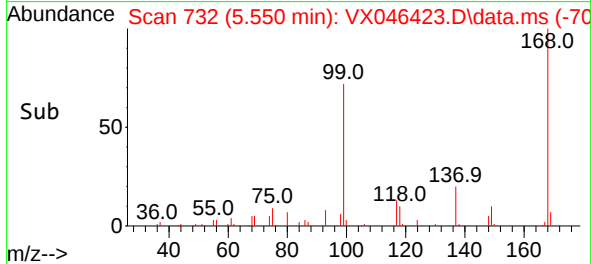


#38
Carbon Tetrachloride
Concen: 5.574 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Instrument :
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ClientSampleId :
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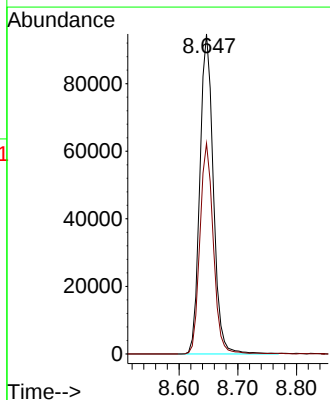
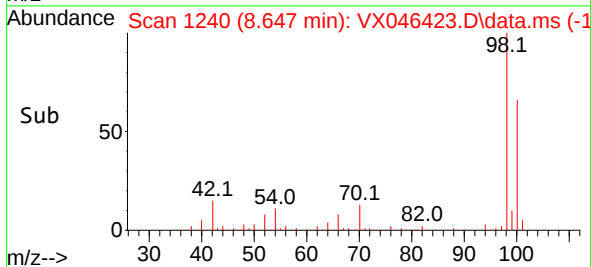
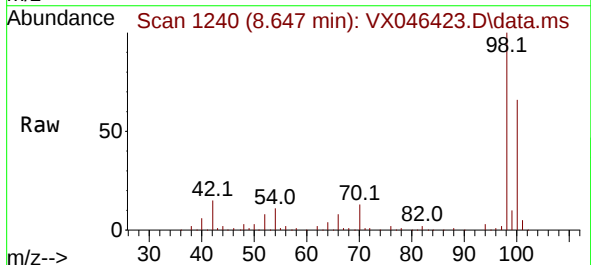


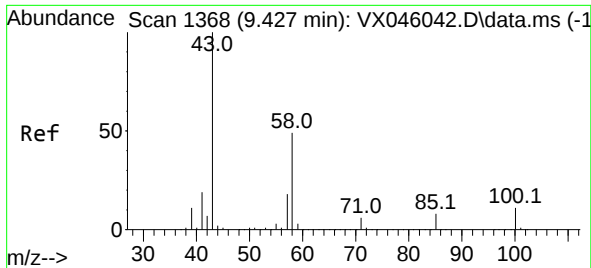
Tgt Ion:117 Resp: 7353
Ion Ratio Lower Upper
117 100
119 8.4 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.805 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion: 98 Resp: 150641
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3

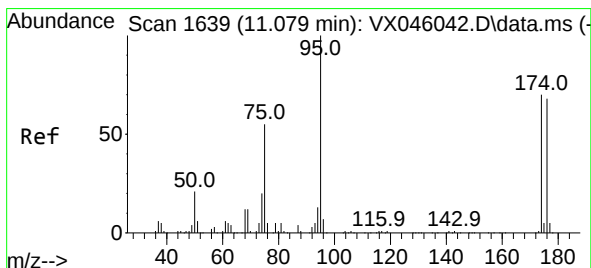
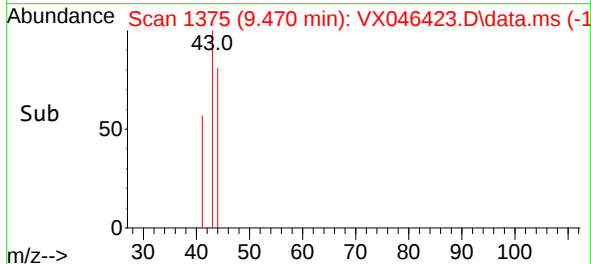
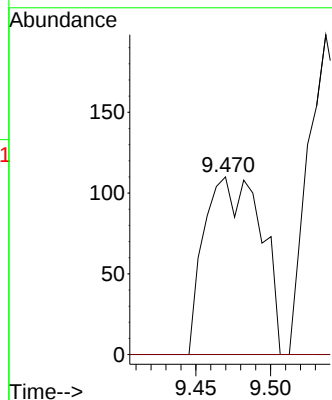
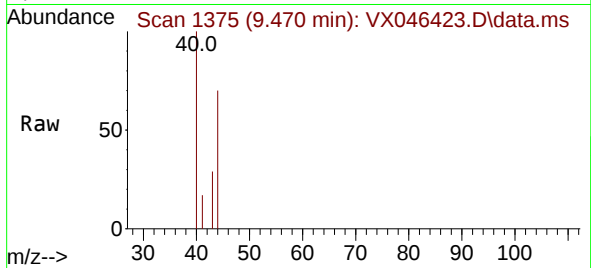




#59
2-Hexanone
Concen: 0.268 ug/l
RT: 9.470 min Scan# 11
Delta R.T. 0.043 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

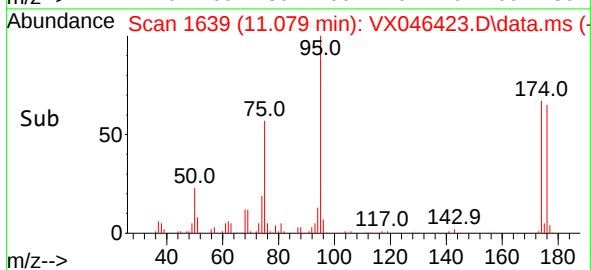
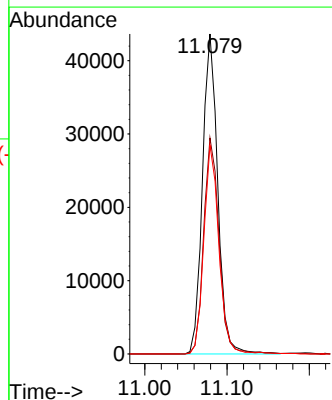
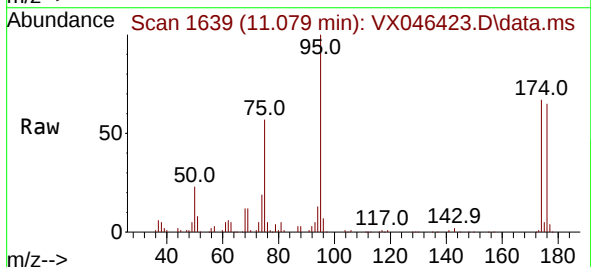
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

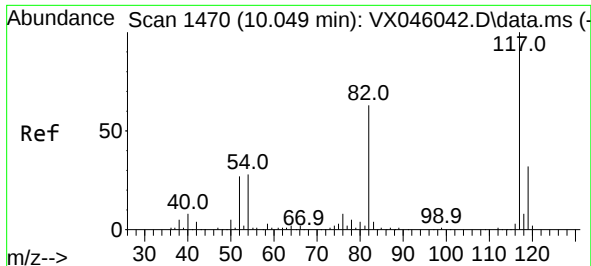
Tgt Ion: 43 Resp: 291
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 48.529 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion: 95 Resp: 56303
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 64.7 0.0 131.4

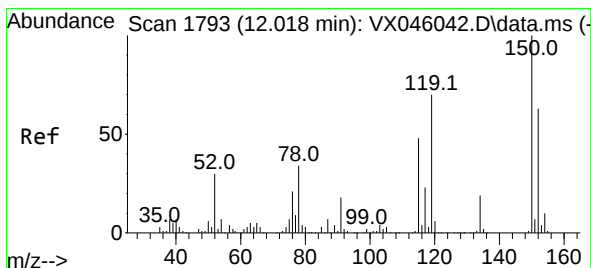
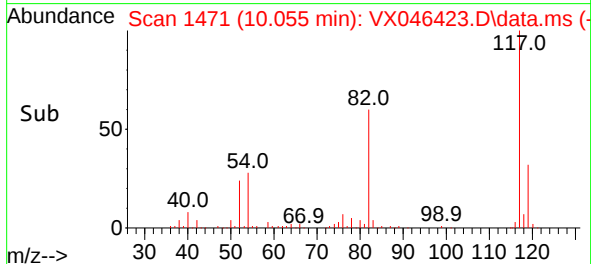
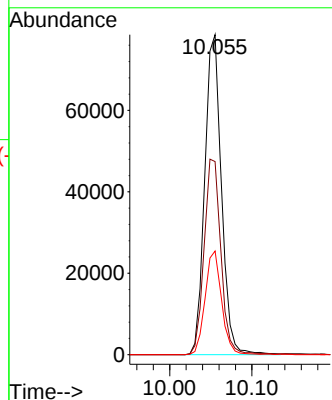
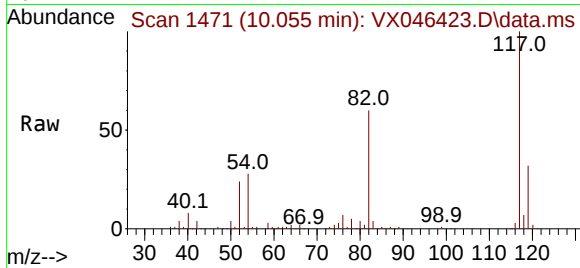




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

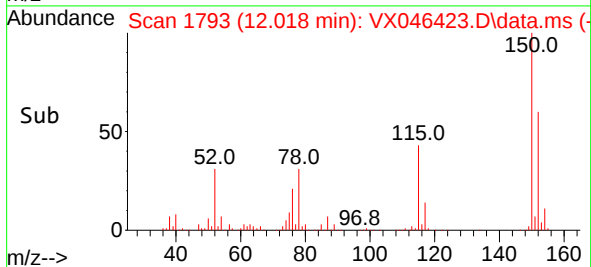
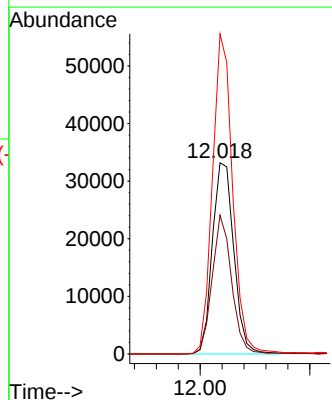
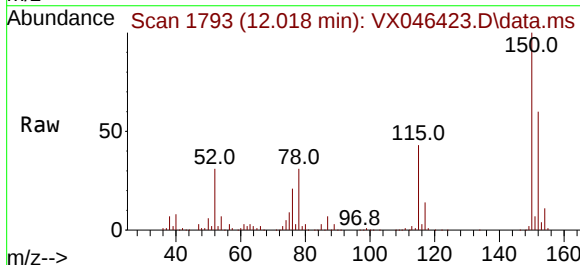
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

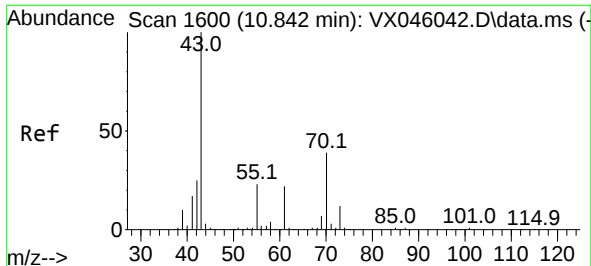
Tgt Ion:117 Resp: 111155
Ion Ratio Lower Upper
117 100
82 60.4 50.6 76.0
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion:152 Resp: 45099
Ion Ratio Lower Upper
152 100
115 66.3 46.9 140.7
150 158.1 0.0 351.0

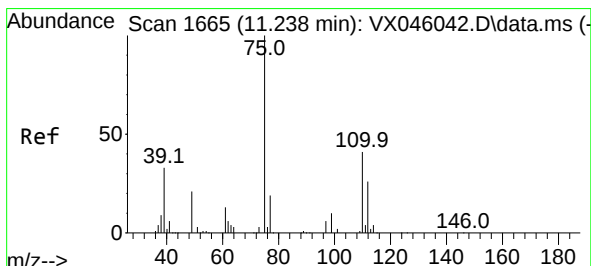
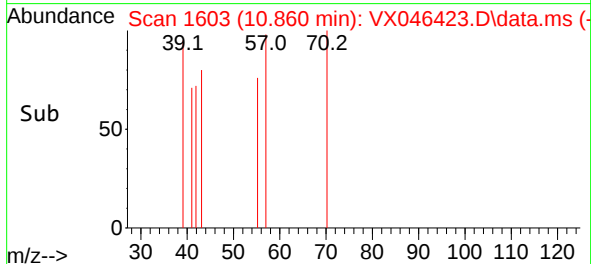
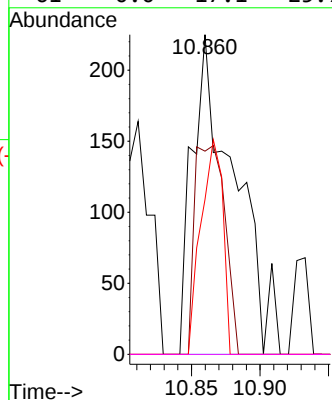
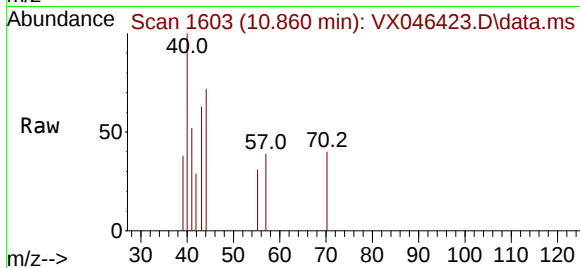




#74
N-amy1 acetate
Concen: 0.280 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

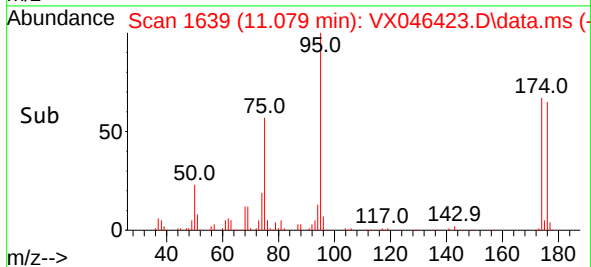
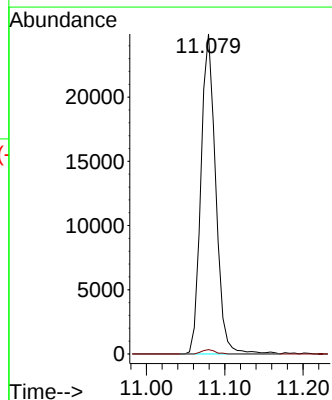
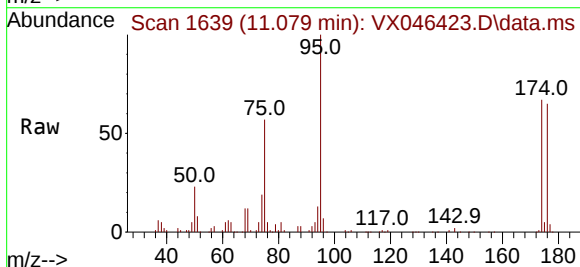
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-620-622

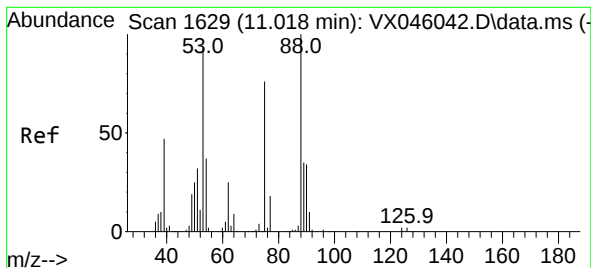
Tgt Ion: 43	Resp: 486
Ion Ratio	Lower Upper
43 100	
70 46.7	30.9 46.3#
55 34.6	18.7 28.1#
61 0.0	17.1 25.7#



#76
1,2,3-Trichloropropane
Concen: 30.154 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046423.D
Acq: 30 May 2025 15:49

Tgt Ion: 75	Resp: 32734
Ion Ratio	Lower Upper
75 100	
77 1.2	20.5 61.5#

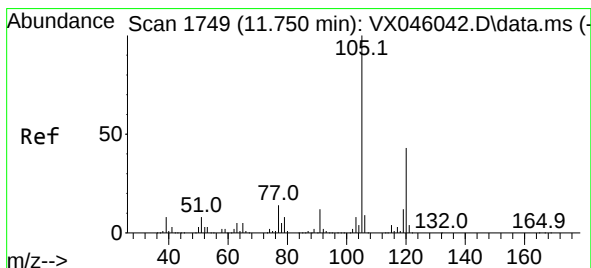
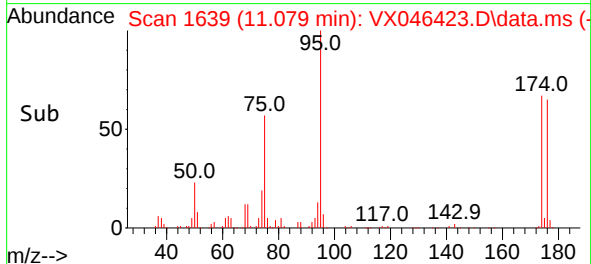
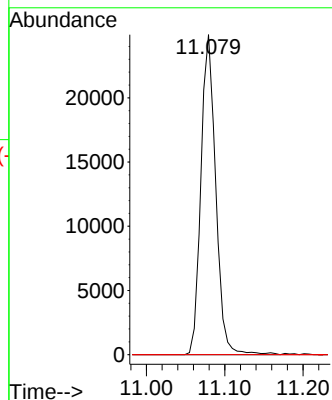
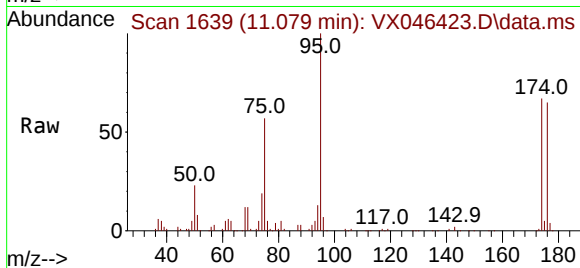




#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.172 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046423.D
 Acq: 30 May 2025 15:49

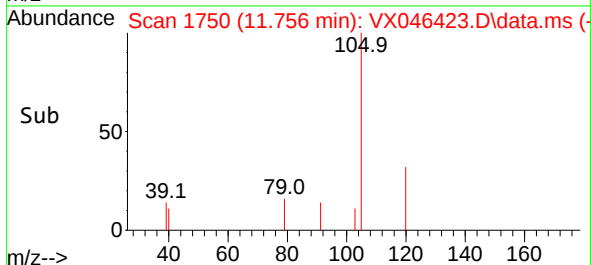
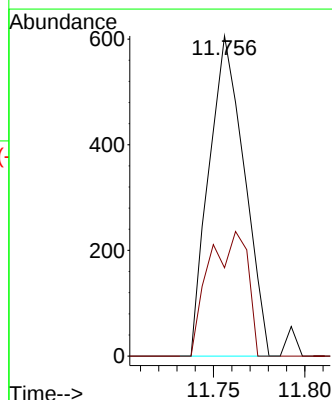
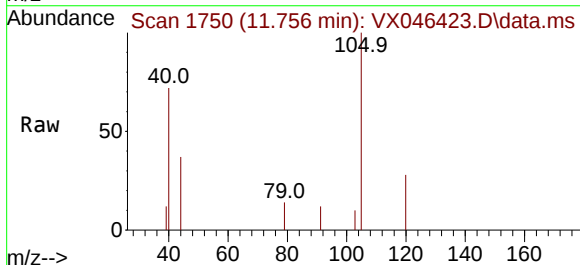
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-620-622

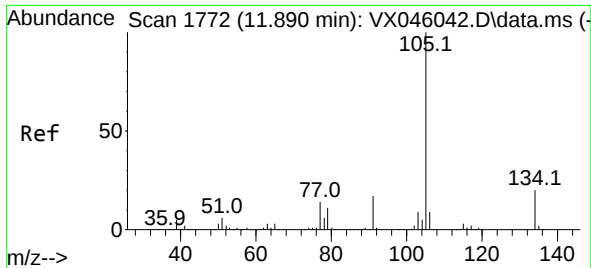
Tgt Ion: 75 Resp: 32734
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.274 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX046423.D
 Acq: 30 May 2025 15:49

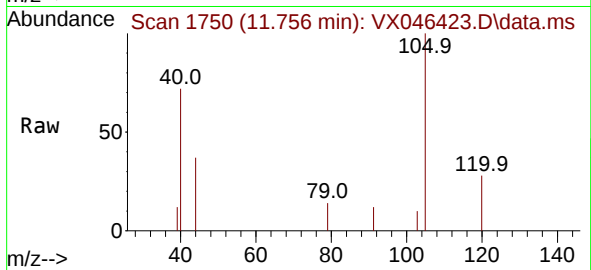
Tgt Ion: 105 Resp: 813
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.224 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX046423.D
 Acq: 30 May 2025 15:49

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-620-622



Tgt Ion:105 Resp: 813
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

