

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046301.D
 Acq On : 21 May 2025 16:39
 Operator : JC/MD
 Sample : Q2082-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-390-392

Quant Time: May 22 01:51:57 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)

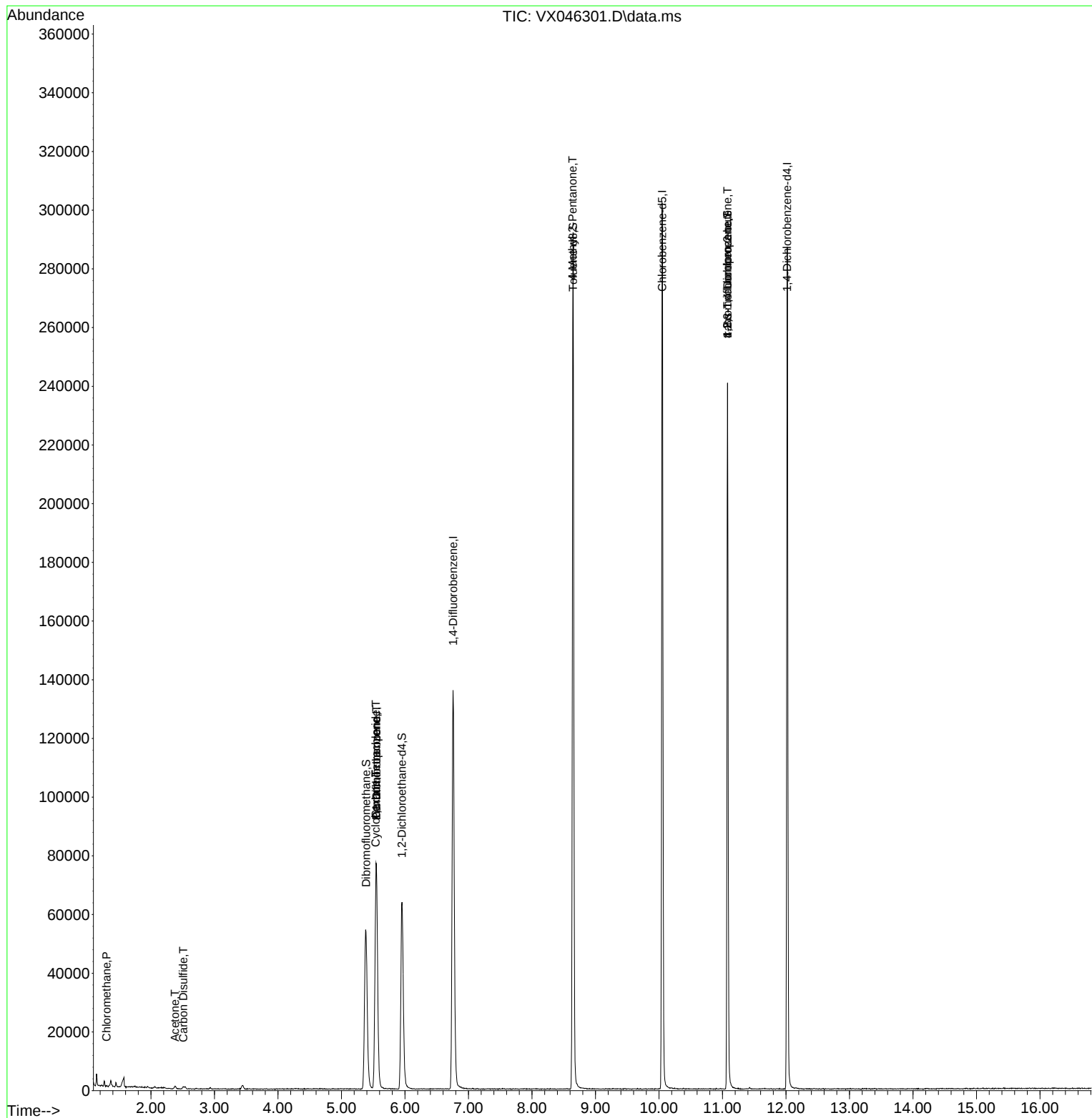
Internal Standards						
1) Pentafluorobenzene	5.550	168	65898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66464	54.100	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.200%	
35) Dibromofluoromethane	5.385	113	47621	50.863	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.720%	
50) Toluene-d8	8.647	98	164758	50.843	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	11.079	95	64090	51.560	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	203	0.208	ug/l #	43
16) Acetone	2.380	43	1249	2.536	ug/l #	86
17) Carbon Disulfide	2.508	76	910	0.491	ug/l	99
31) Cyclohexane	5.538	56	1934	1.321	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	6300	5.008	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7970	5.639	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	931	0.592	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36809	29.072	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36809	94.649	ug/l #	1

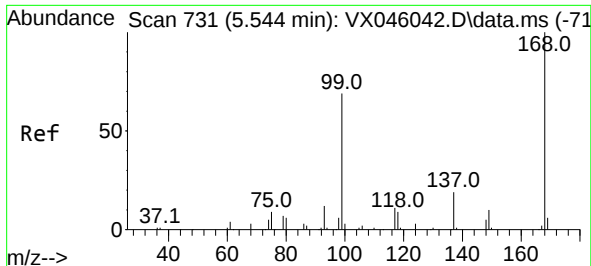
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
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Quant Time: May 22 01:51:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
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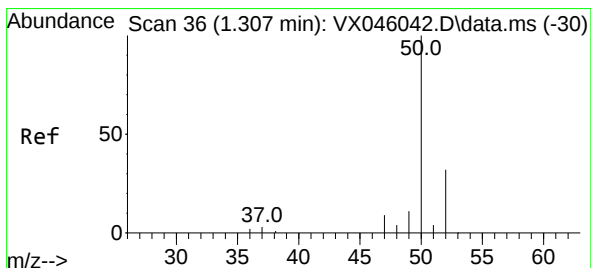
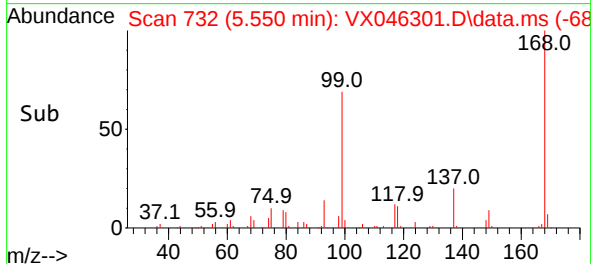
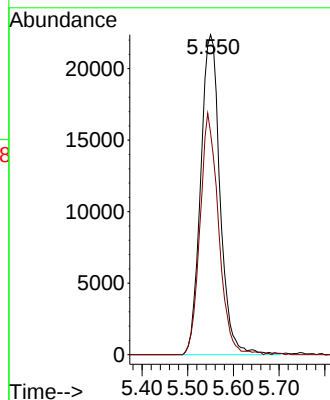
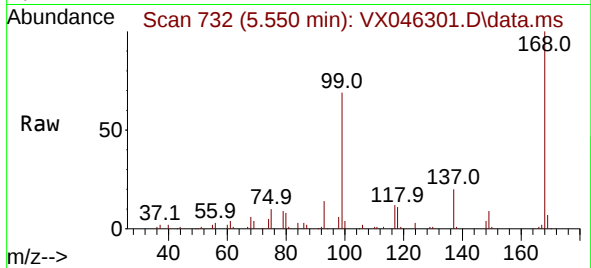




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

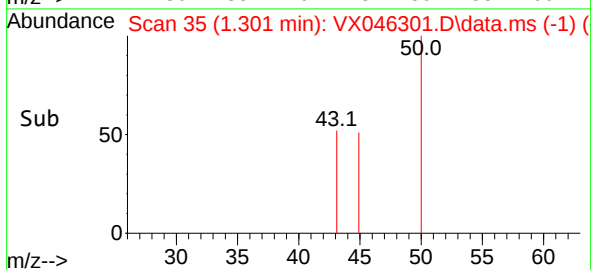
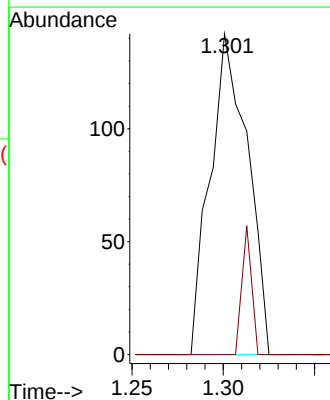
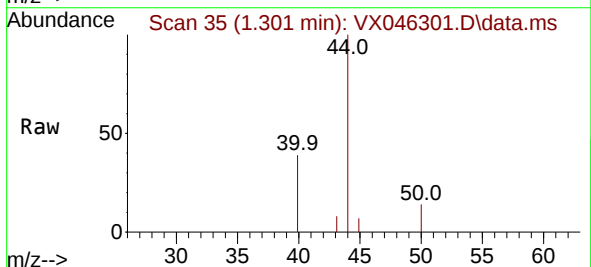
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-390-392

Tgt Ion:168 Resp: 65898
Ion Ratio Lower Upper
168 100
99 69.3 54.9 82.3



#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

Tgt Ion: 50 Resp: 203
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

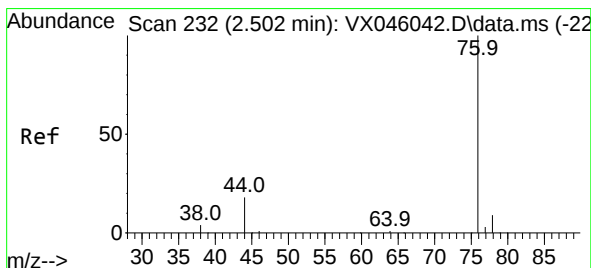
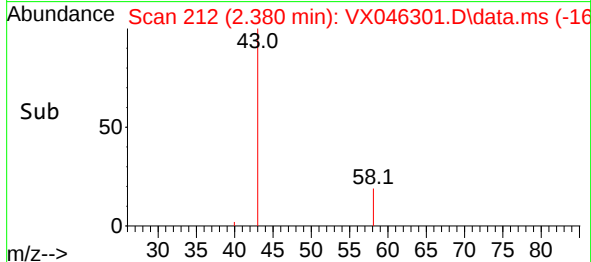
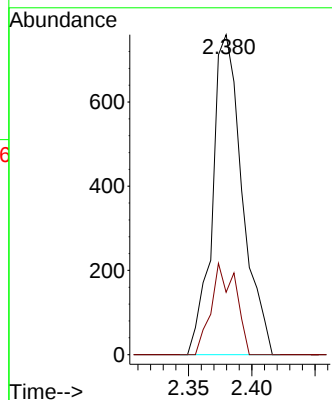
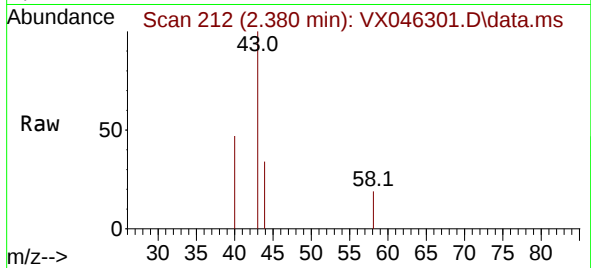




#16
Acetone
Concen: 2.536 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

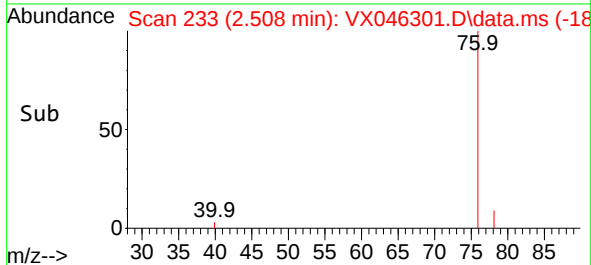
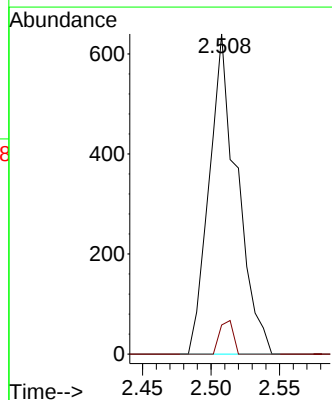
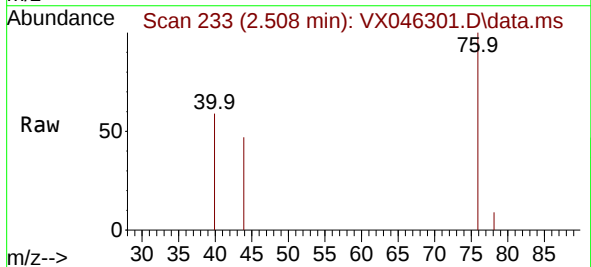
Instrument : MSVOA_X
ClientSampleId : BP-VPB-182-GW-390-392

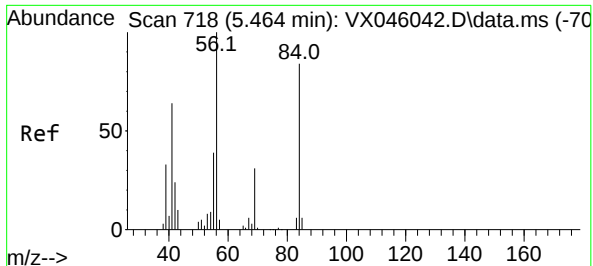
Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
58 19.5 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.491 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

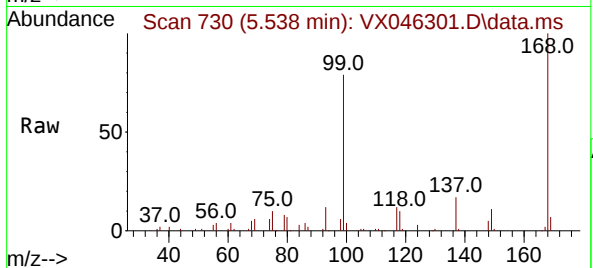
Tgt Ion: 76 Resp: 910
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



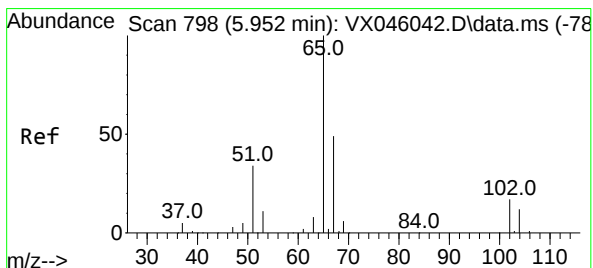
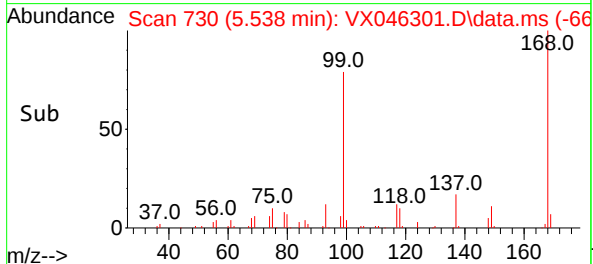
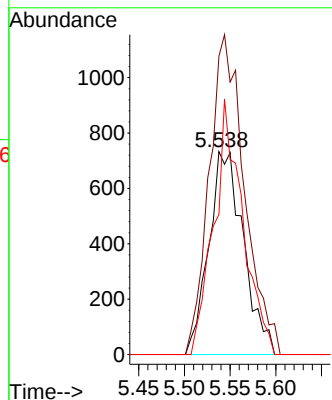


#31
Cyclohexane
Concen: 1.321 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-390-392

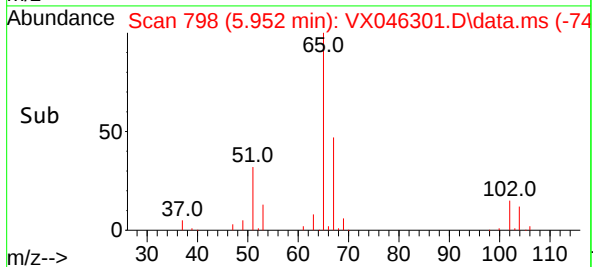
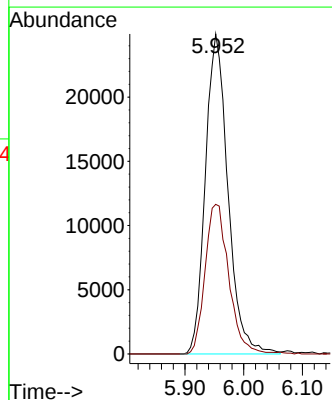
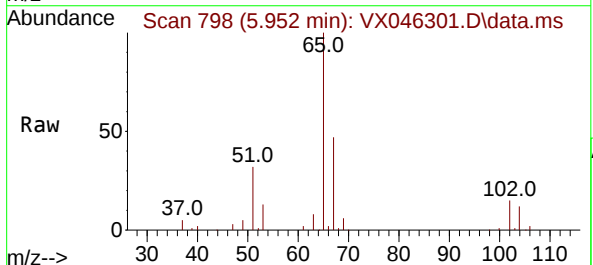


Tgt Ion: 56 Resp: 1934
Ion Ratio Lower Upper
56 100
69 146.9 24.4 36.6#
84 69.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 54.100 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

Tgt Ion: 65 Resp: 66464
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

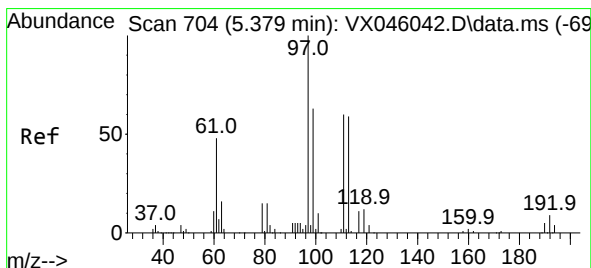
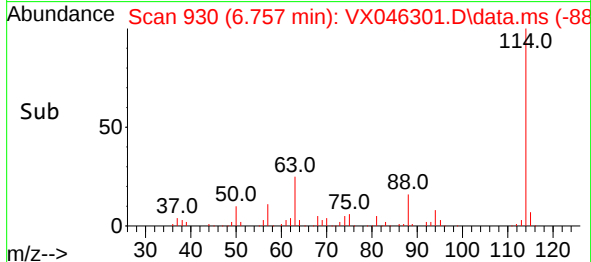
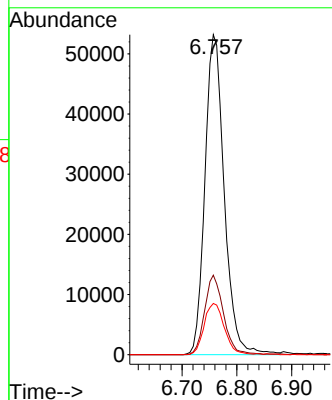
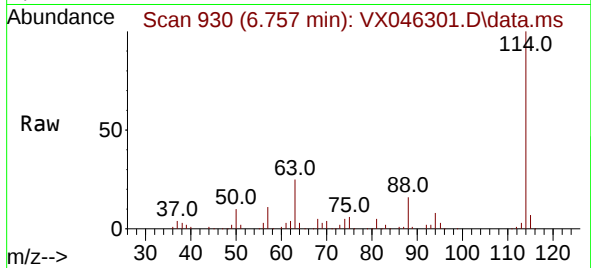




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

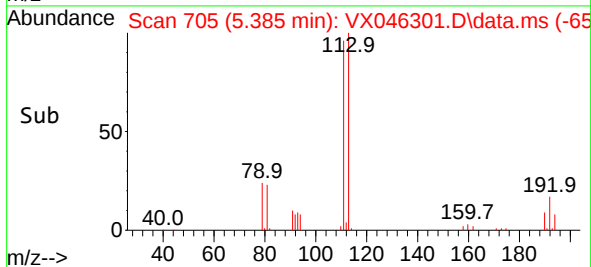
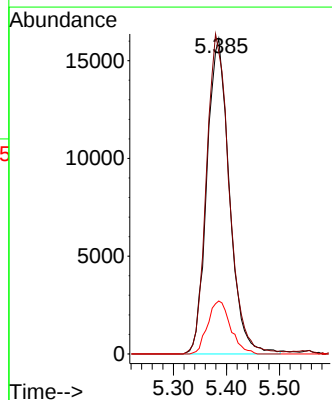
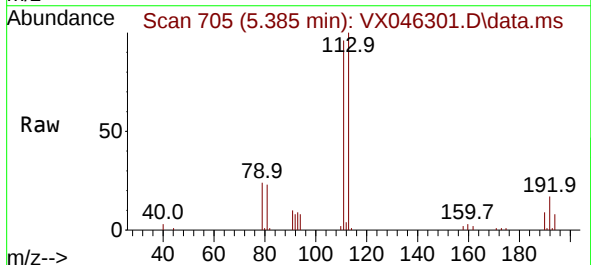
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-390-392

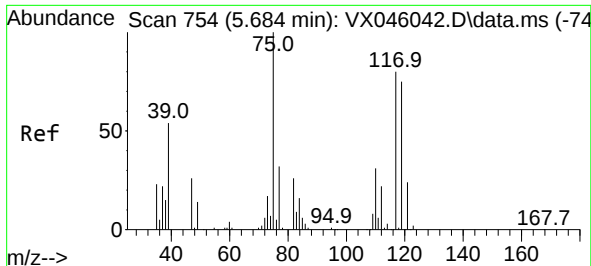
Tgt Ion:114 Resp: 130017
Ion Ratio Lower Upper
114 100
63 24.9 0.0 49.2
88 16.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.863 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

Tgt Ion:113 Resp: 47621
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 17.0 13.3 19.9

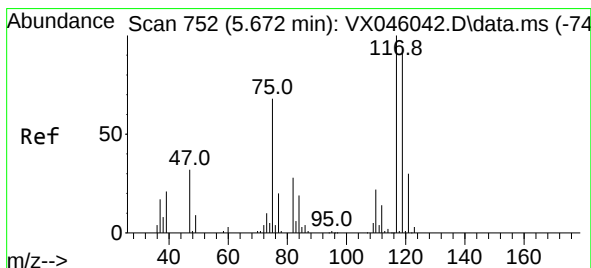
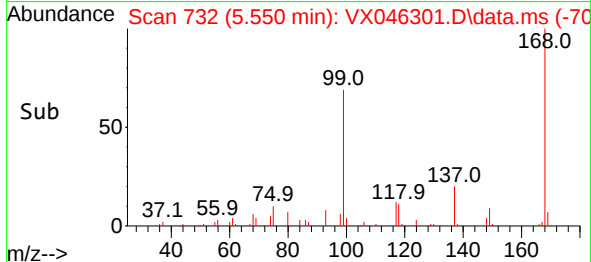
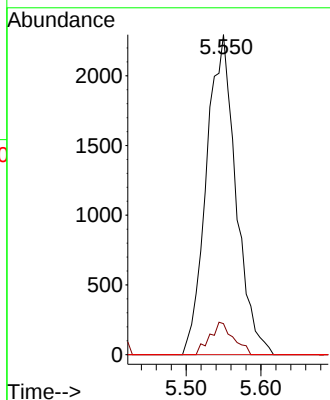
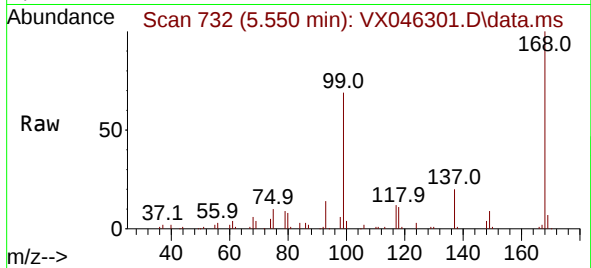




#36
1,1-Dichloropropene
Concen: 5.008 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

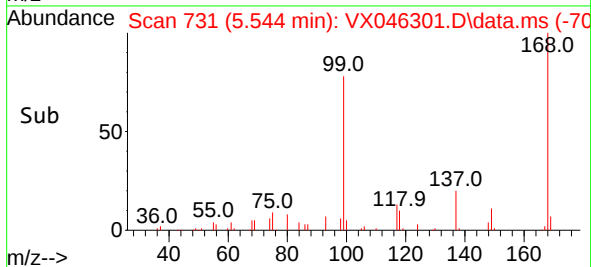
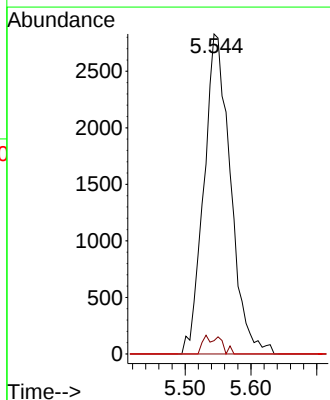
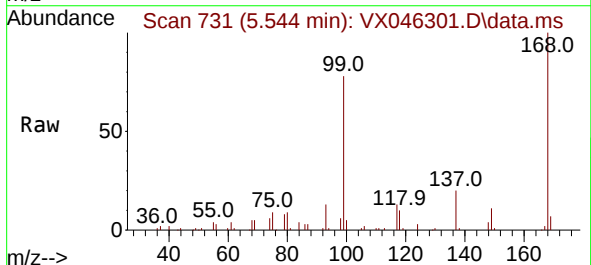
Instrument :
MSVOA_X
ClientSampleId :
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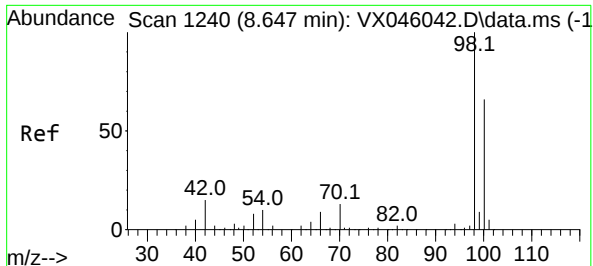
Tgt Ion: 75 Resp: 6300
Ion Ratio Lower Upper
75 100
110 8.0 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.639 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

Tgt Ion: 117 Resp: 7970
Ion Ratio Lower Upper
117 100
119 4.2 75.2 112.8#
121 0.0 24.2 36.4#

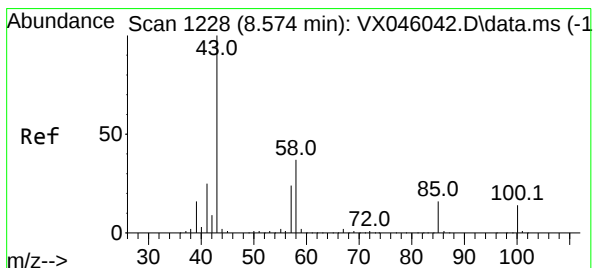
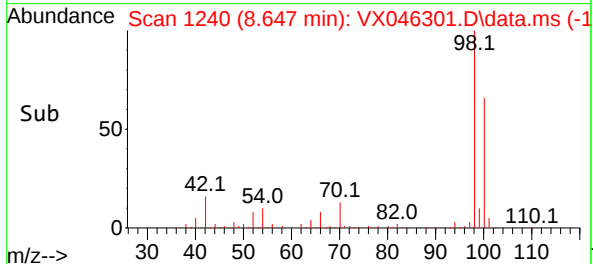
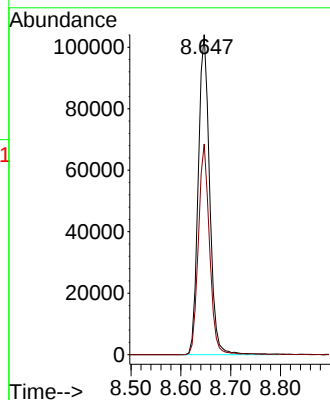
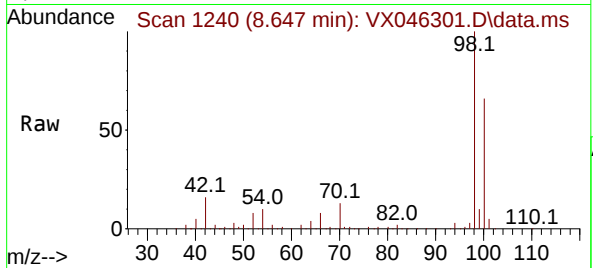




#50
Toluene-d8
Concen: 50.843 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

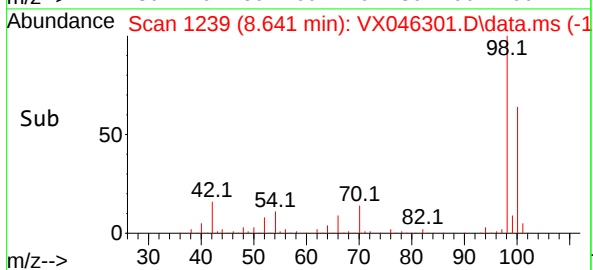
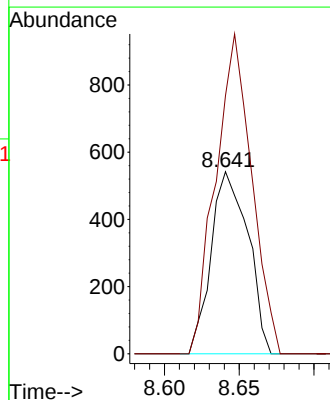
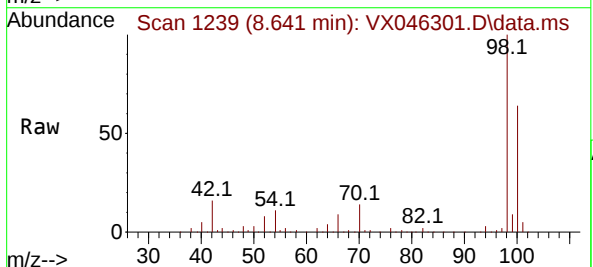
Instrument :
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ClientSampleId :
BP-VPB-182-GW-390-392

Tgt Ion: 98 Resp: 164758
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046301.D
Acq: 21 May 2025 16:39

Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
58 171.6 28.9 43.3#





#62

4-Bromofluorobenzene

Concen: 51.560 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046301.D

Acq: 21 May 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-390-392

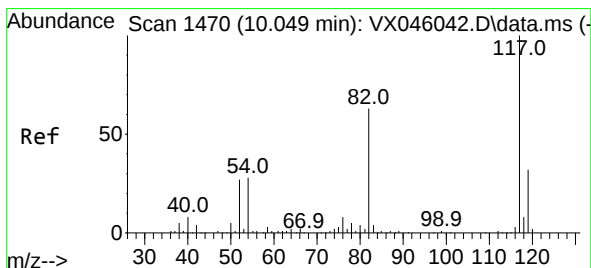
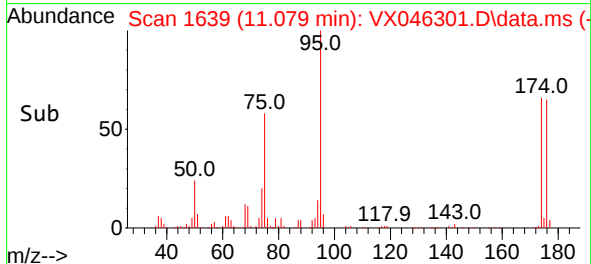
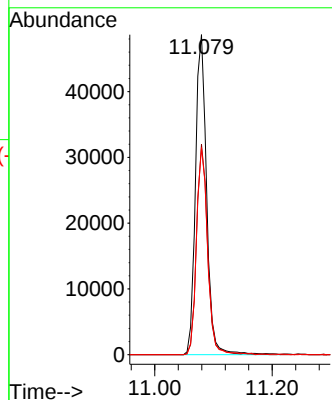
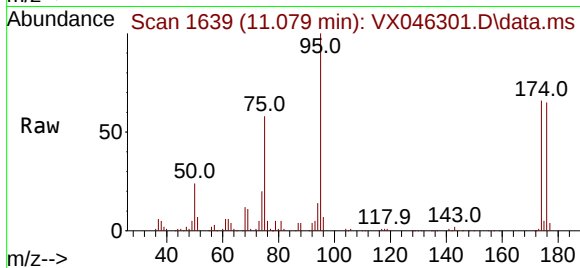
Tgt Ion: 95 Resp: 64090

Ion Ratio Lower Upper

95 100

174 64.7 0.0 135.8

176 64.9 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: VX046301.D

Acq: 21 May 2025 16:39

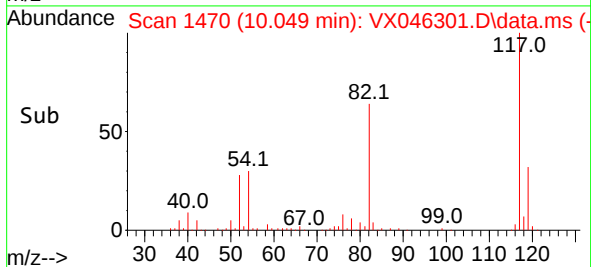
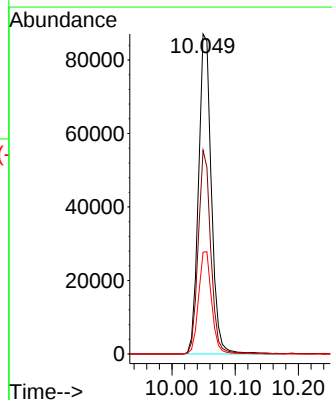
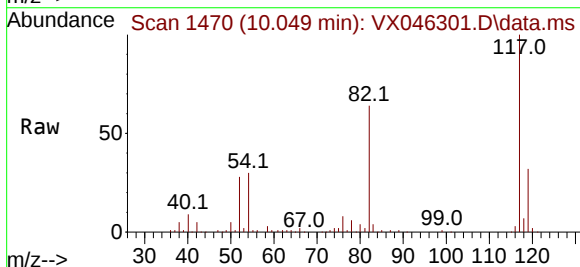
Tgt Ion: 117 Resp: 123419

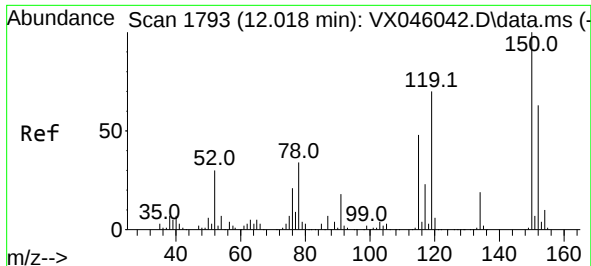
Ion Ratio Lower Upper

117 100

82 63.7 50.6 76.0

119 31.8 25.8 38.6

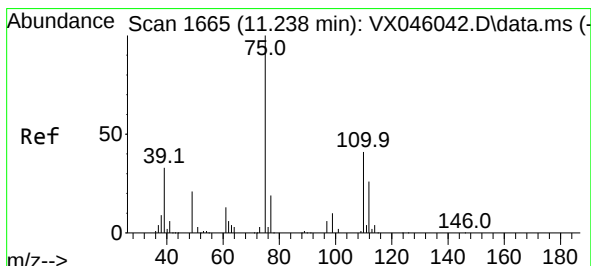
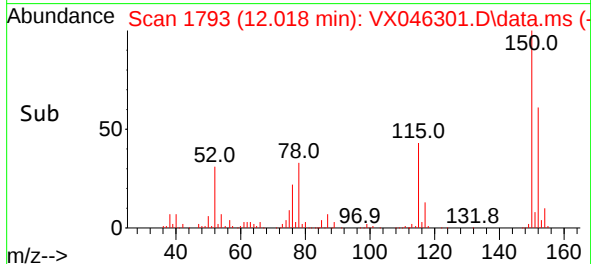
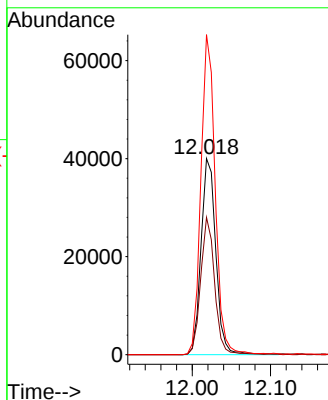
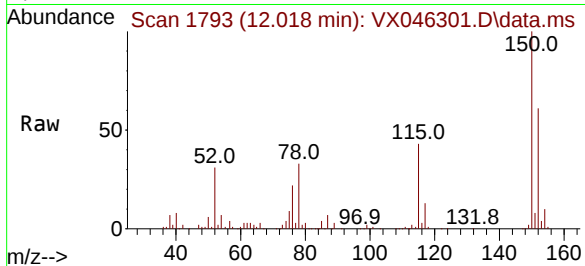




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046301.D
 Acq: 21 May 2025 16:39

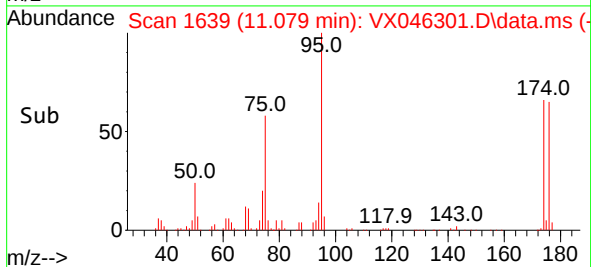
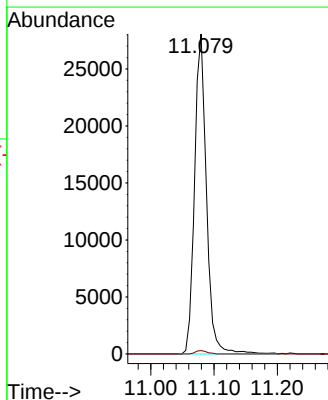
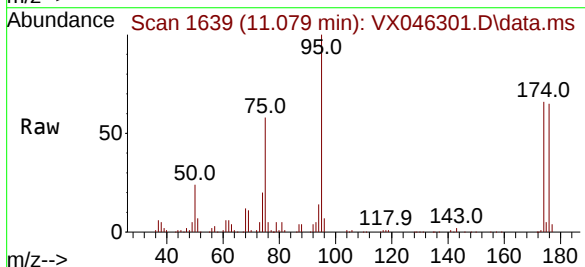
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-390-392

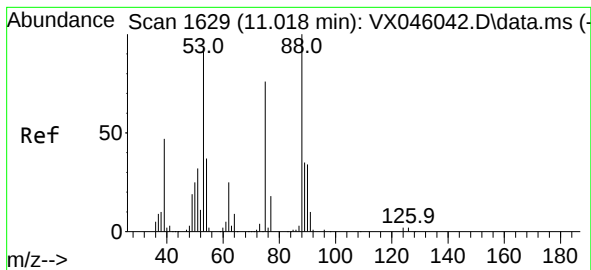
Tgt Ion:152 Resp: 52601
 Ion Ratio Lower Upper
 152 100
 115 66.0 46.9 140.7
 150 157.3 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.072 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX046301.D
 Acq: 21 May 2025 16:39

Tgt Ion: 75 Resp: 36809
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.5 61.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 94.649 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX046301.D

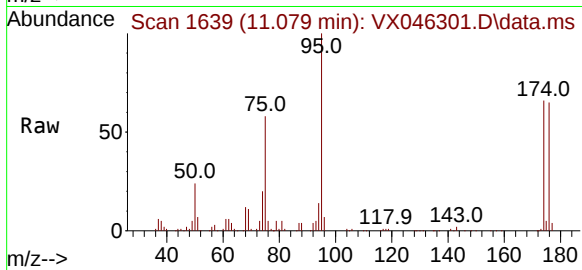
Acq: 21 May 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-390-392



Tgt Ion: 75 Resp: 36809

Ion Ratio Lower Upper

75 100

53 0.0 100.5 150.7#

89 0.0 37.0 55.6#

