

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046346.D
 Acq On : 23 May 2025 15:39
 Operator : JC/MD
 Sample : Q2118-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-520-522

Quant Time: May 23 23:03:39 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)

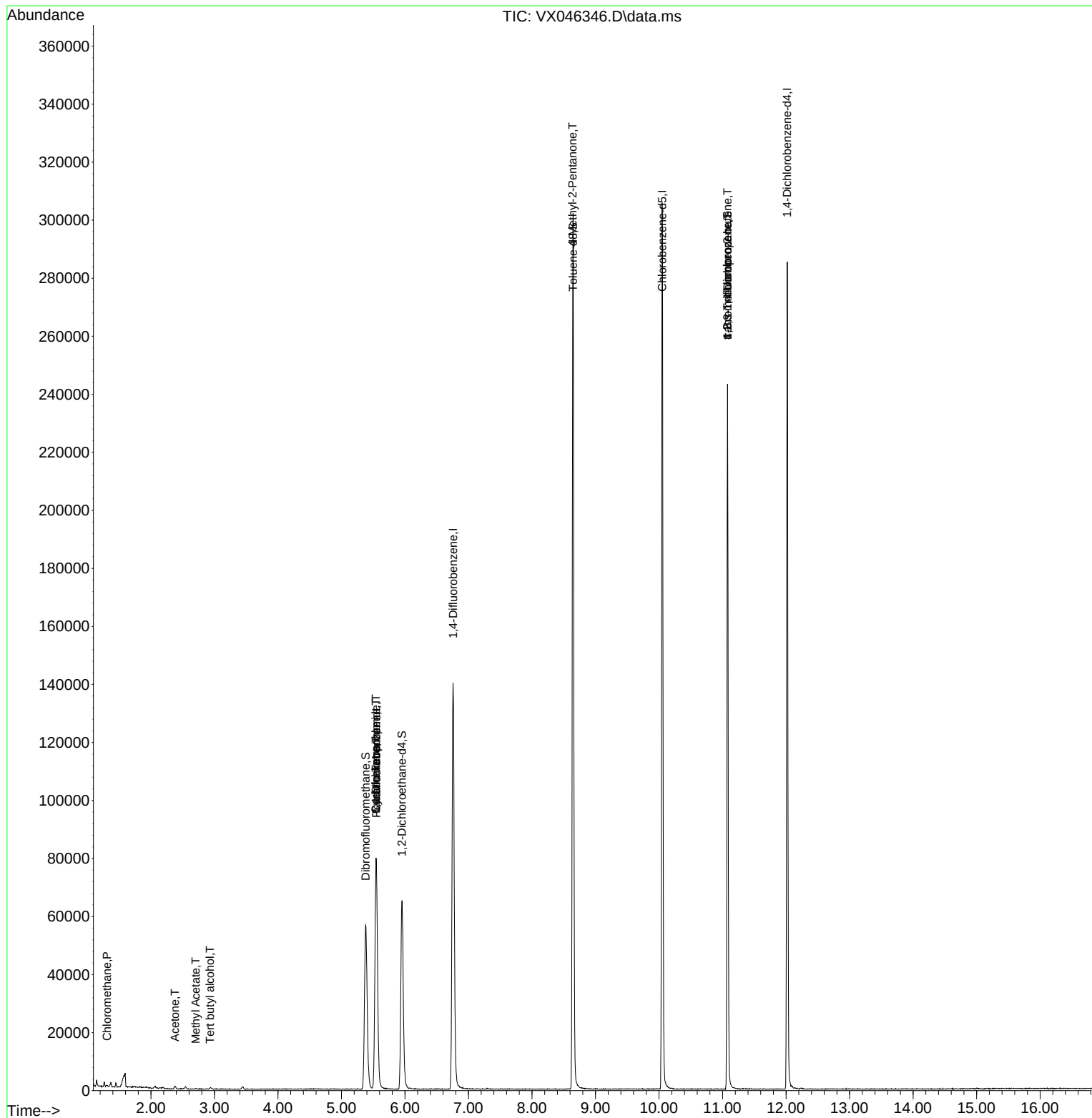
Internal Standards						
1) Pentafluorobenzene	5.550	168	67340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66856	53.253	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.500%	
35) Dibromofluoromethane	5.379	113	49552	51.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.000%	
50) Toluene-d8	8.647	98	169340	50.358	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	11.079	95	64477	49.986	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	785	0.785	ug/l #	85
11) Tert butyl alcohol	2.928	59	72	0.409	ug/l #	72
16) Acetone	2.380	43	1203	2.390	ug/l #	82
18) Methyl Acetate	2.703	43	299	0.256	ug/l #	85
31) Cyclohexane	5.544	56	1991	1.331	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	6955	5.328	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8227	5.609	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	975	0.597	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37143	29.390	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37143	95.685	ug/l #	1

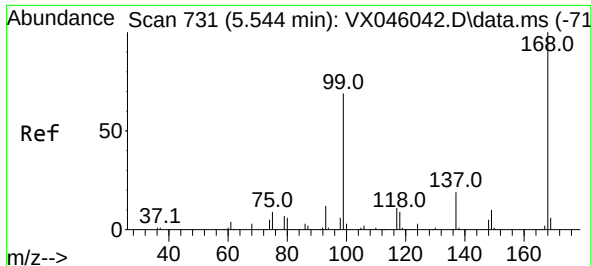
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046346.D
Acq On : 23 May 2025 15:39
Operator : JC/MD
Sample : Q2118-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-520-522

Quant Time: May 23 23:03:39 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

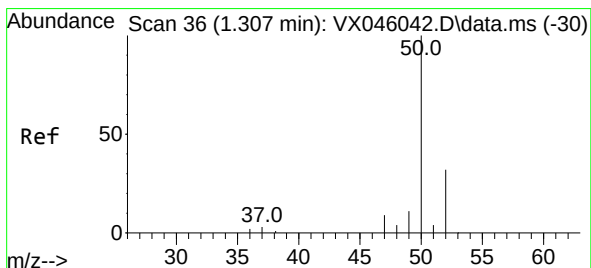
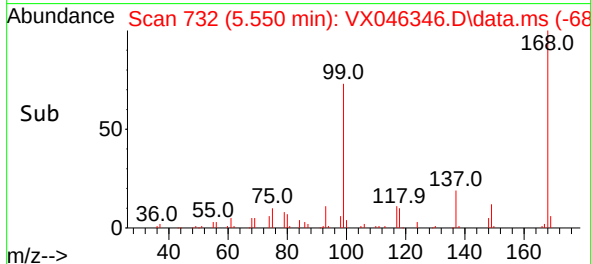
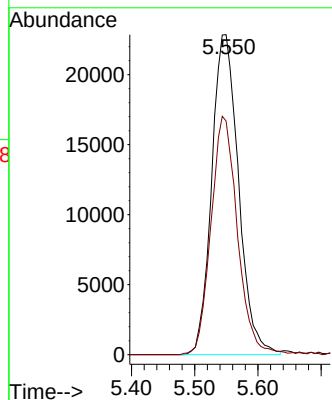
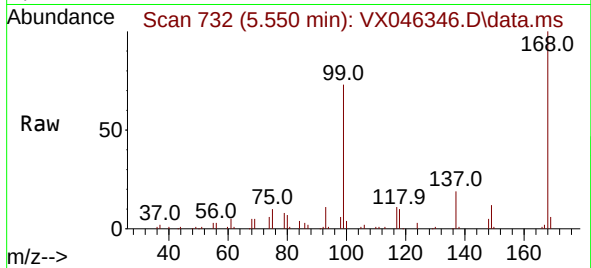




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

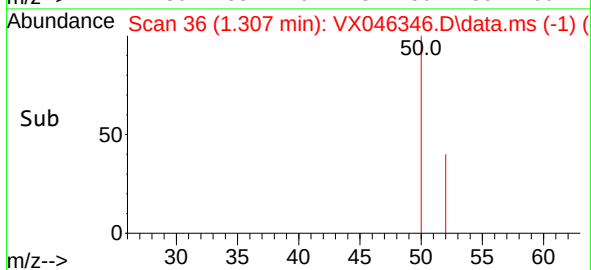
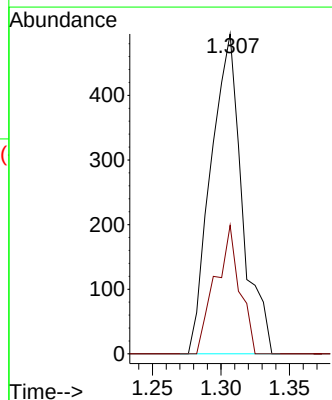
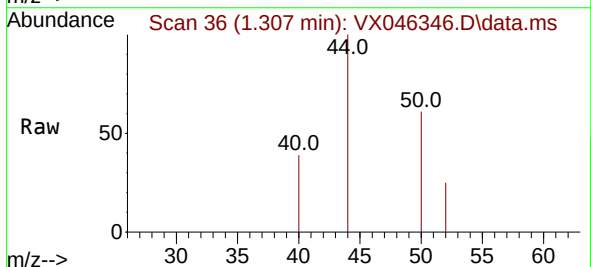
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-520-522

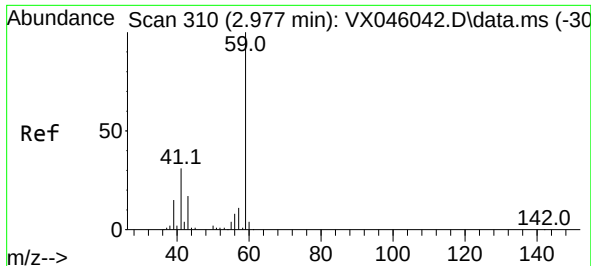
Tgt Ion:168 Resp: 67340
Ion Ratio Lower Upper
168 100
99 73.0 54.9 82.3



#3
Chloromethane
Concen: 0.785 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

Tgt Ion: 50 Resp: 785
Ion Ratio Lower Upper
50 100
52 40.2 25.4 38.2#

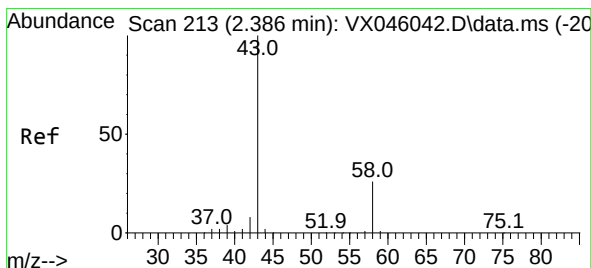
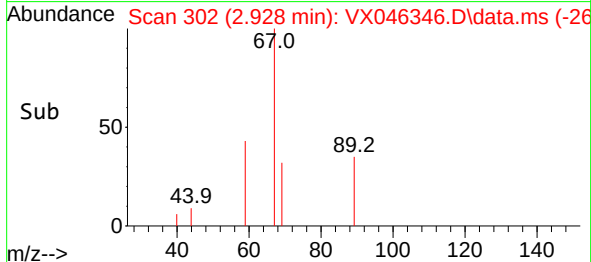
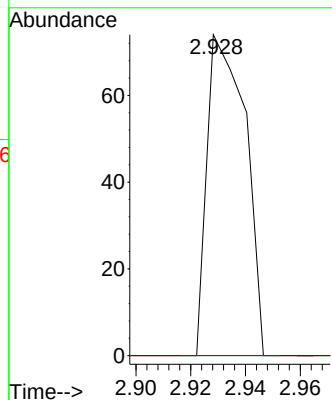
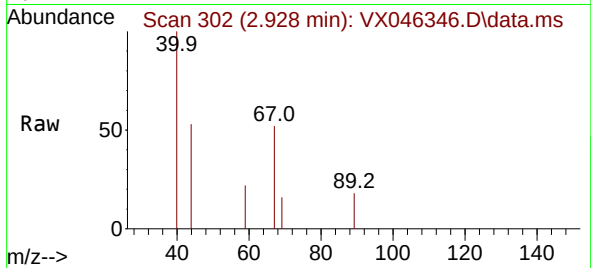




#11
Tert butyl alcohol
Concen: 0.409 ug/l
RT: 2.928 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

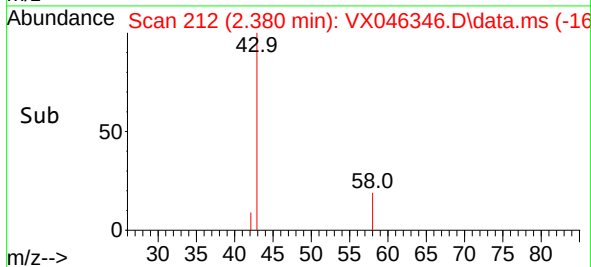
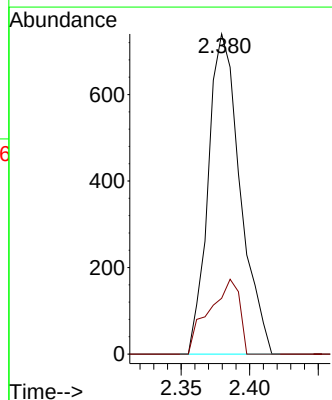
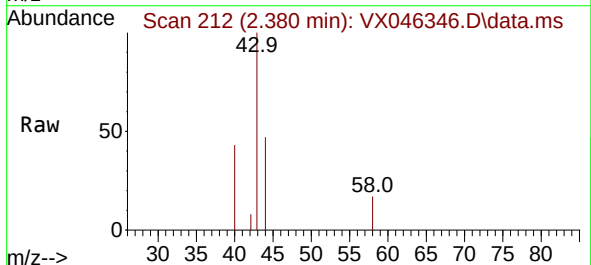
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-520-522

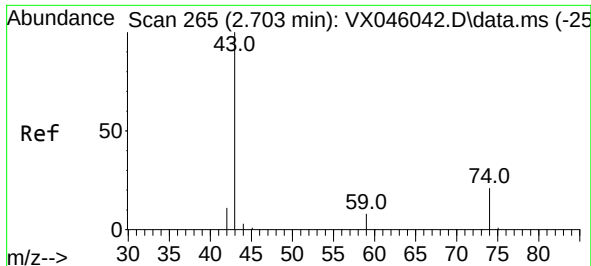
Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 2.390 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

Tgt Ion: 43 Resp: 1203
Ion Ratio Lower Upper
43 100
58 17.4 21.2 31.8#

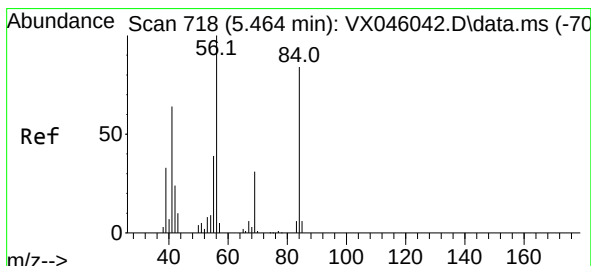
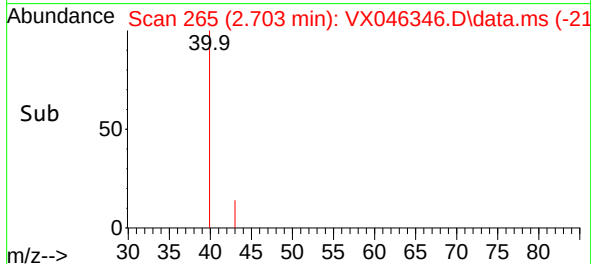
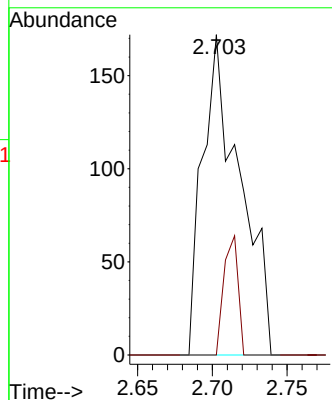
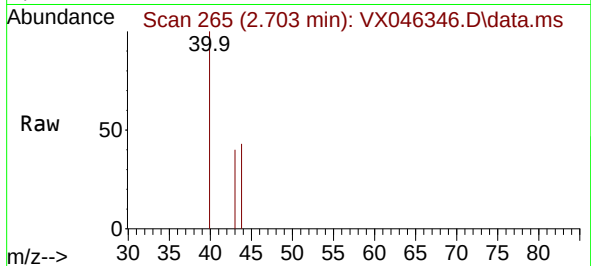




#18
Methyl Acetate
Concen: 0.256 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

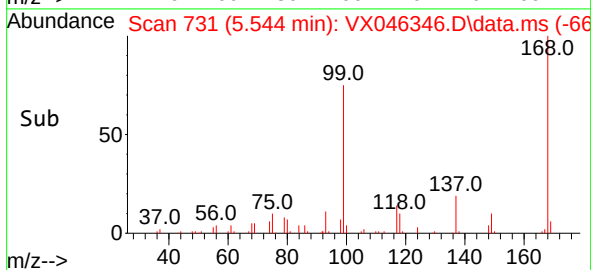
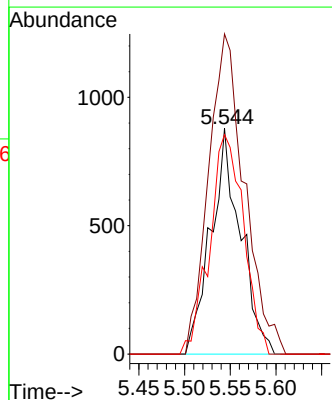
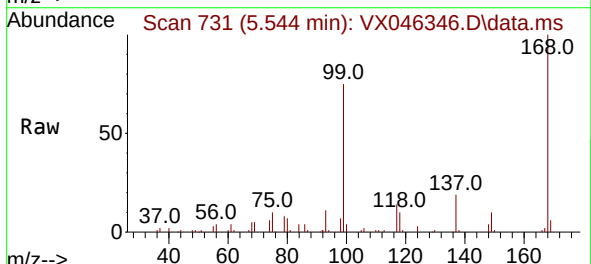
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-520-522

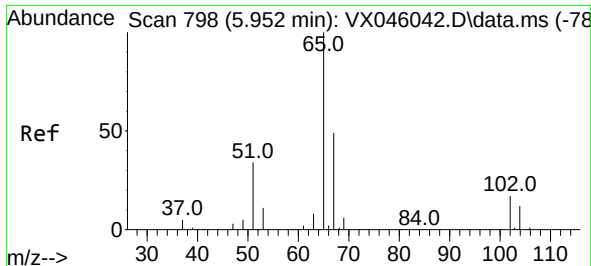
Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
74 14.0 16.7 25.1#



#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

Tgt Ion: 56 Resp: 1991
Ion Ratio Lower Upper
56 100
69 141.9 24.4 36.6#
84 97.3 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 53.253 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046346.D

Acq: 23 May 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

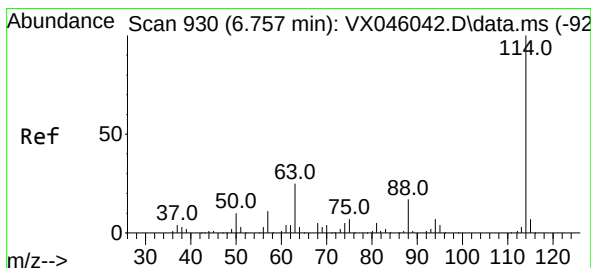
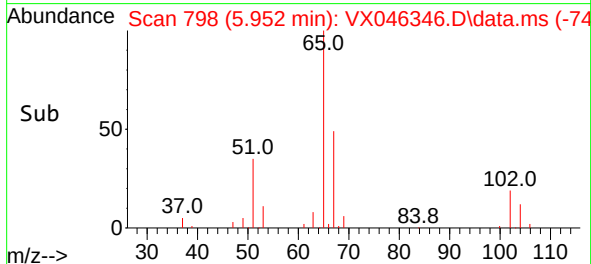
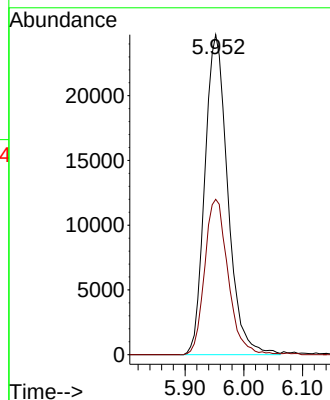
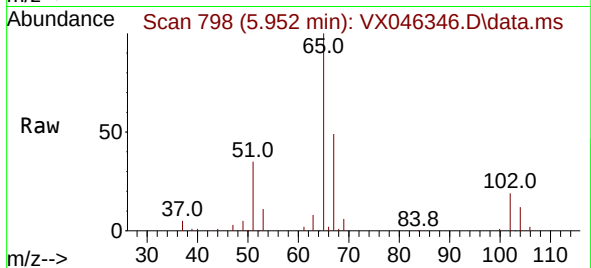
BP-VPB-182-GW-520-522

Tgt Ion: 65 Resp: 66856

Ion Ratio Lower Upper

65 100

67 49.7 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: VX046346.D

Acq: 23 May 2025 15:39

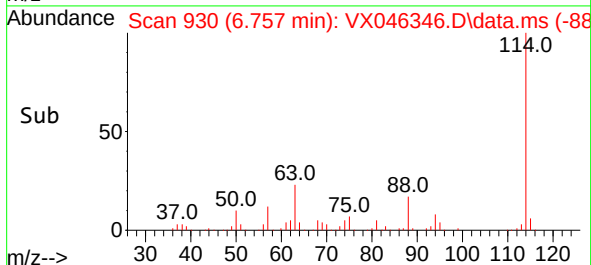
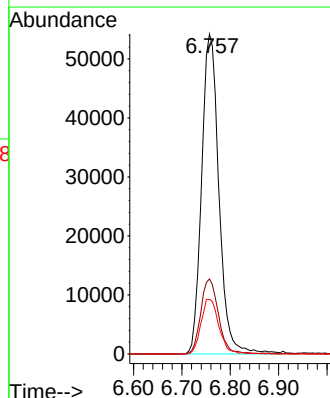
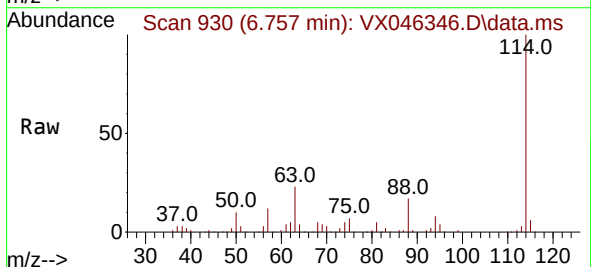
Tgt Ion: 114 Resp: 134921

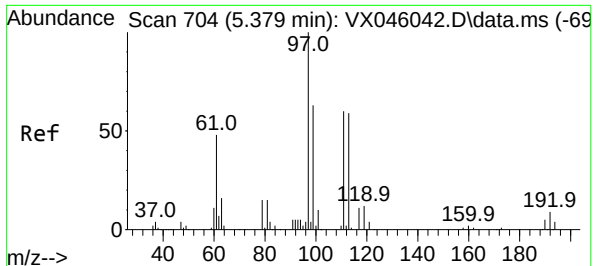
Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

88 17.0 0.0 33.6

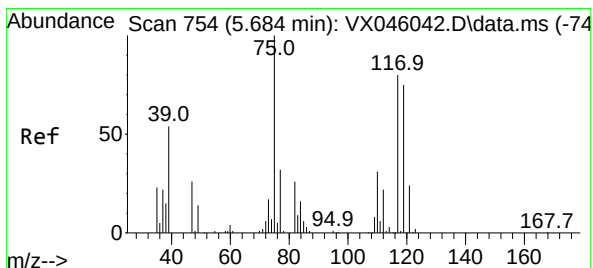
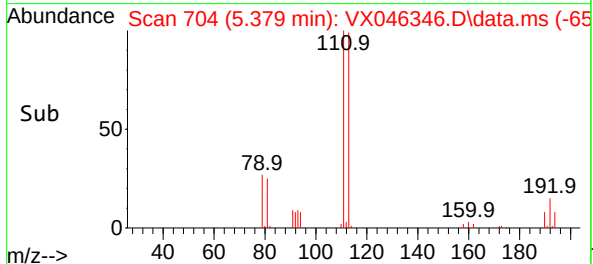
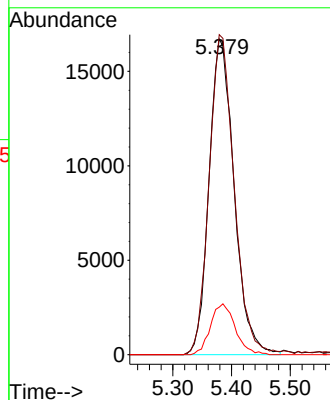
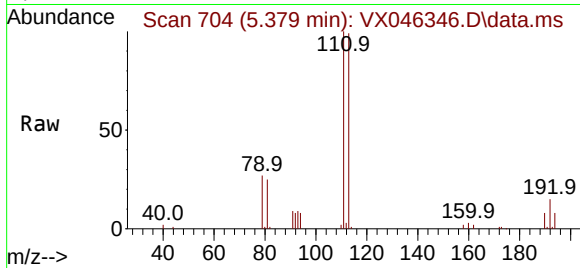




#35
Dibromofluoromethane
Concen: 51.002 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

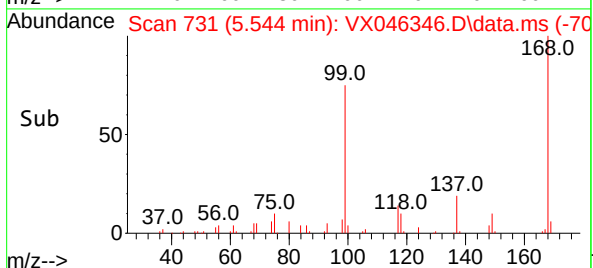
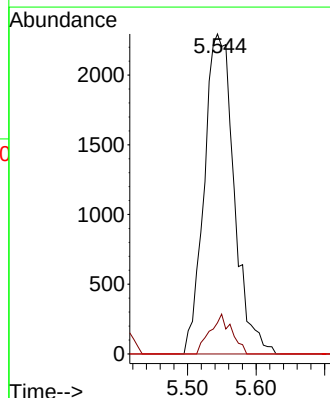
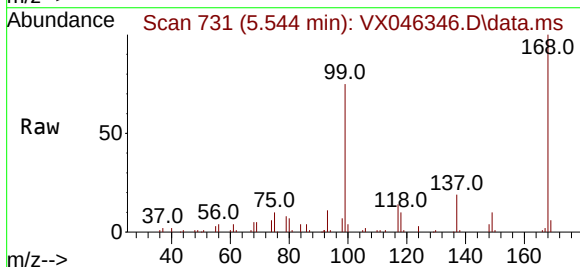
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-520-522

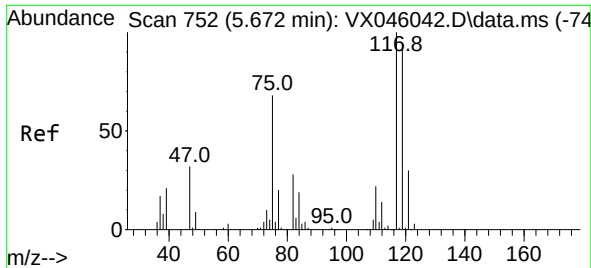
Tgt Ion:	113	Resp:	49552
Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.1	124.7
192	15.9	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.328 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

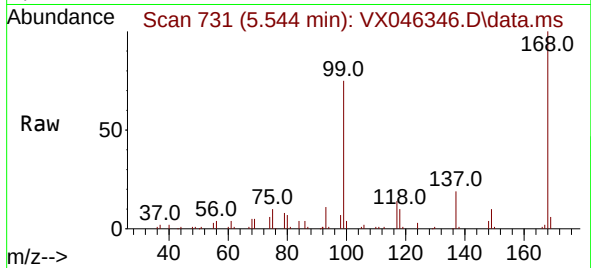
Tgt Ion:	75	Resp:	6955
Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.3	48.9#
77	0.0	24.3	36.5#



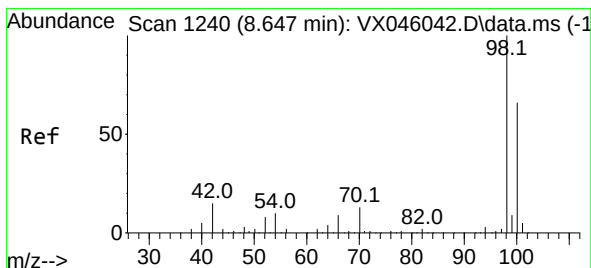
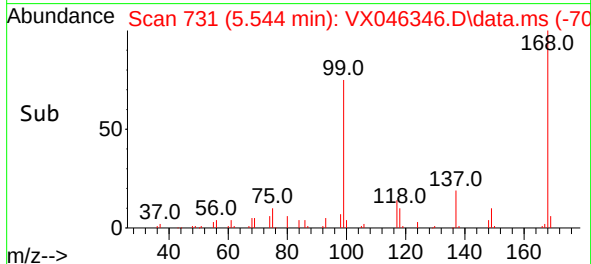
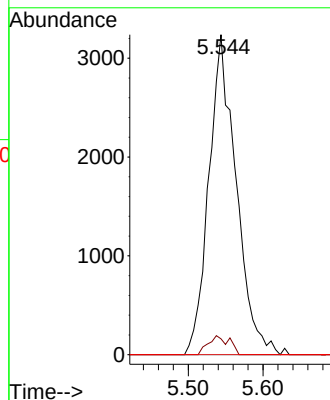


#38
Carbon Tetrachloride
Concen: 5.609 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-520-522

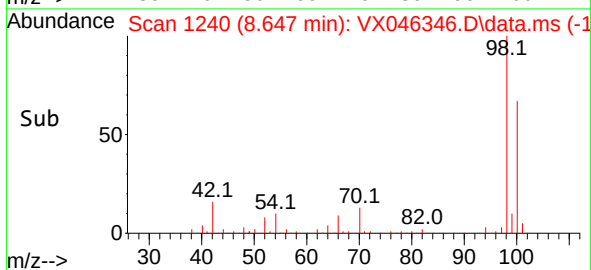
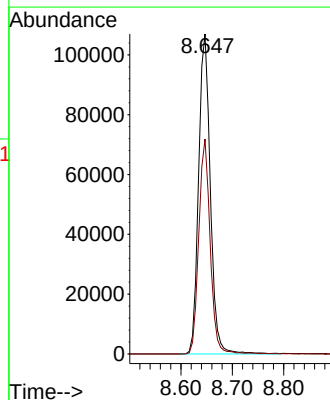
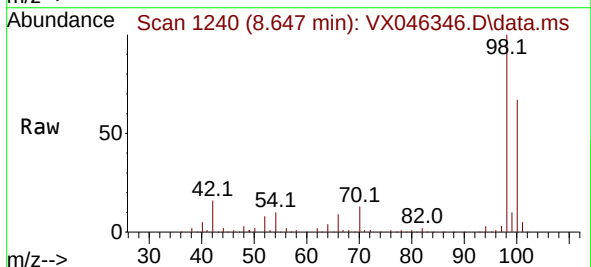


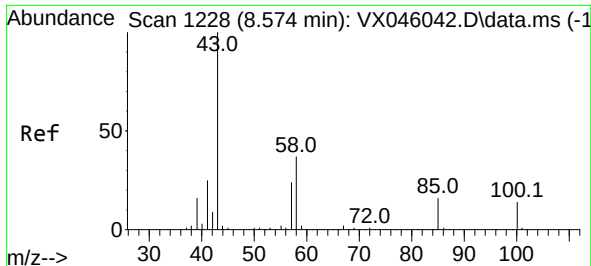
Tgt Ion:117 Resp: 8227
Ion Ratio Lower Upper
117 100
119 4.9 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.358 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

Tgt Ion: 98 Resp: 169340
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3

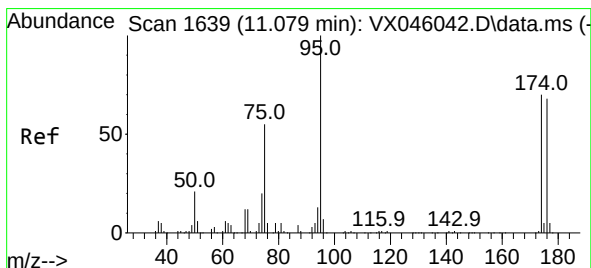
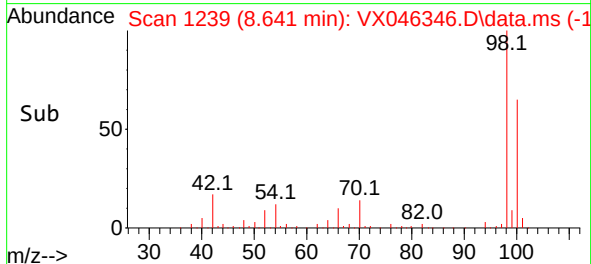
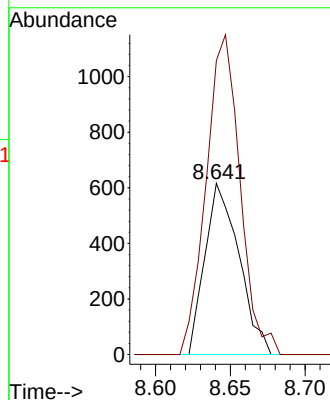
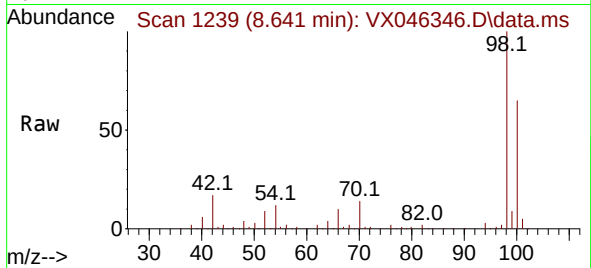




#51
4-Methyl-2-Pentanone
Concen: 0.597 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

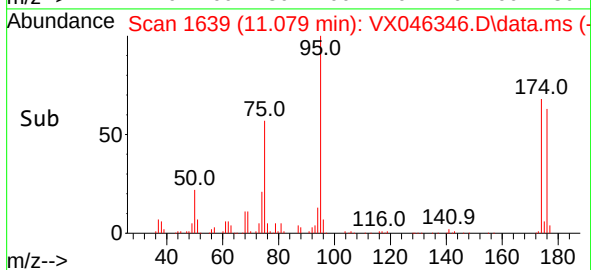
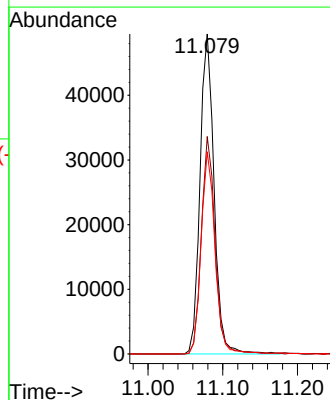
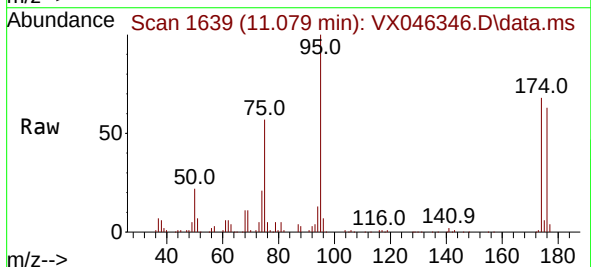
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-520-522

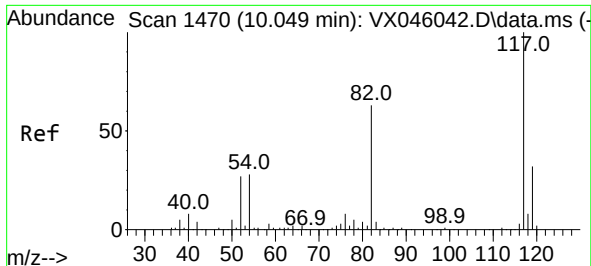
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 186.2 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 49.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

Tgt Ion: 95 Resp: 64477
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 62.7 0.0 131.4

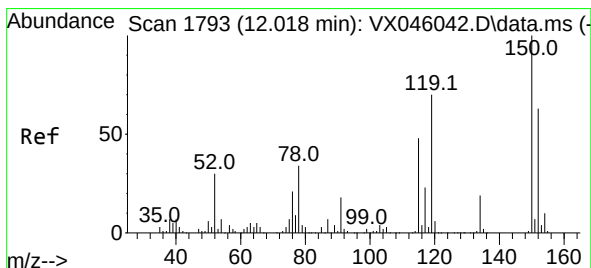
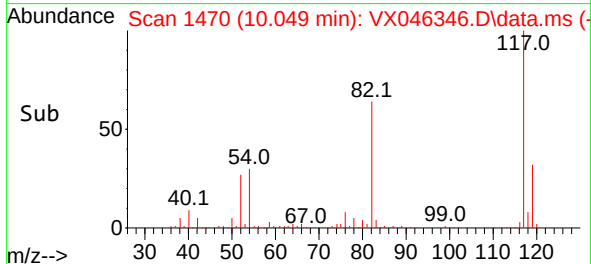
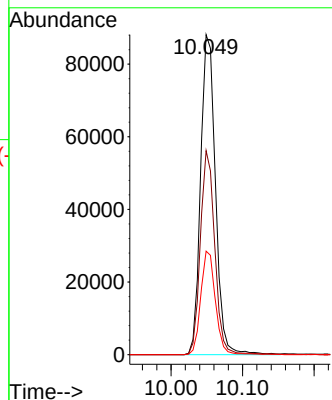
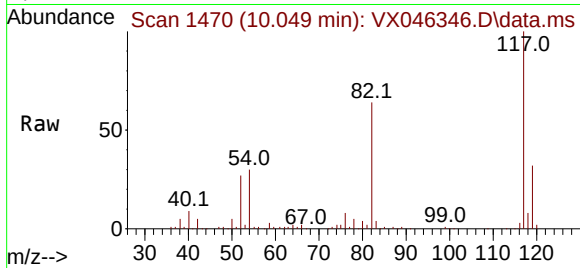




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

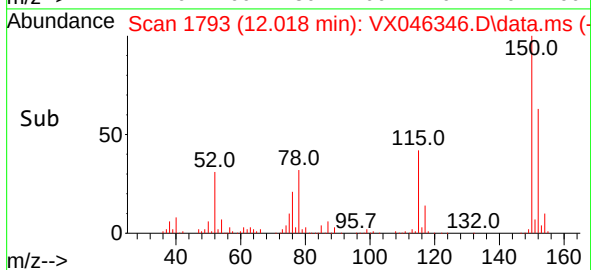
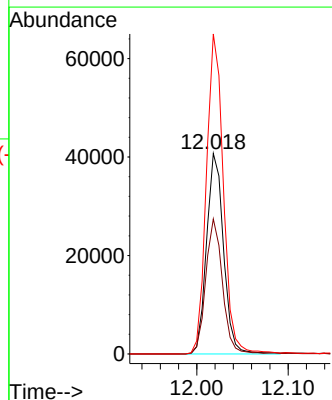
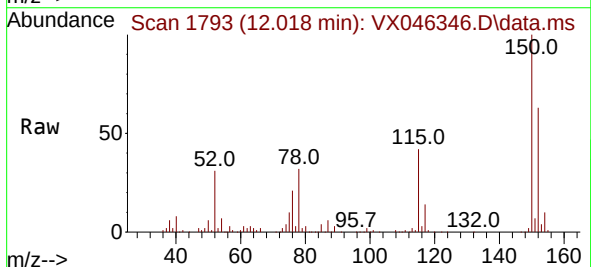
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-520-522

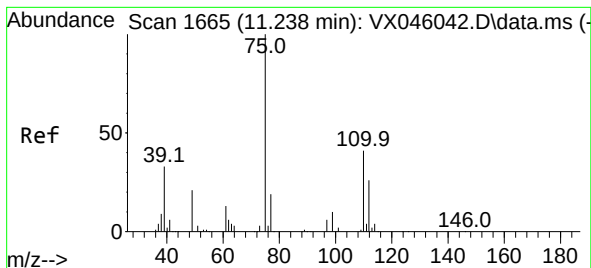
Tgt Ion:117 Resp: 127330
Ion Ratio Lower Upper
117 100
82 63.8 50.6 76.0
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046346.D
Acq: 23 May 2025 15:39

Tgt Ion:152 Resp: 52504
Ion Ratio Lower Upper
152 100
115 66.6 46.9 140.7
150 159.4 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 29.390 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX046346.D

Acq: 23 May 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

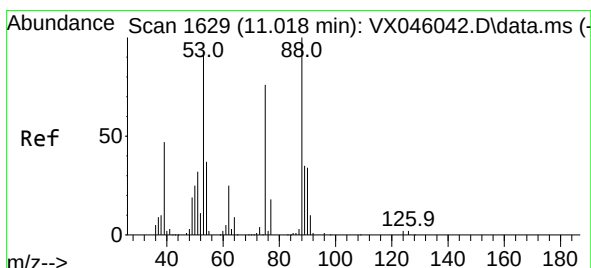
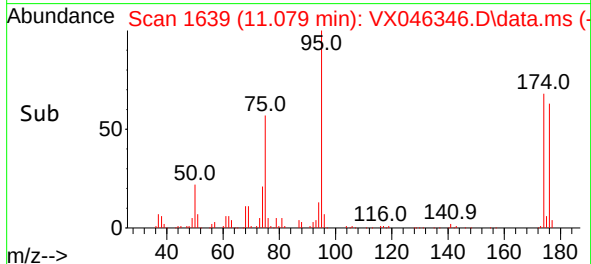
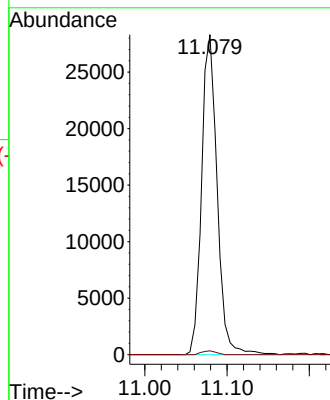
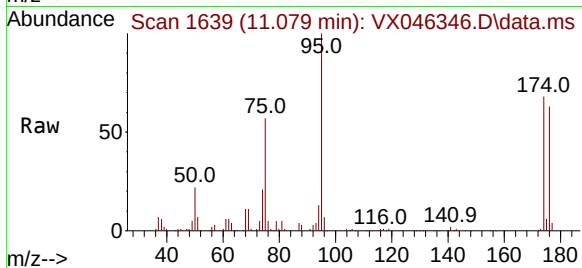
BP-VPB-182-GW-520-522

Tgt Ion: 75 Resp: 37143

Ion Ratio Lower Upper

75 100

77 1.1 20.5 61.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.685 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046346.D

Acq: 23 May 2025 15:39

Tgt Ion: 75 Resp: 37143

Ion Ratio Lower Upper

75 100

53 0.0 100.5 150.7#

89 0.0 37.0 55.6#

