

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046340.D
 Acq On : 23 May 2025 13:20
 Operator : JC/MD
 Sample : Q2118-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250520

Quant Time: May 23 23:01:22 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)

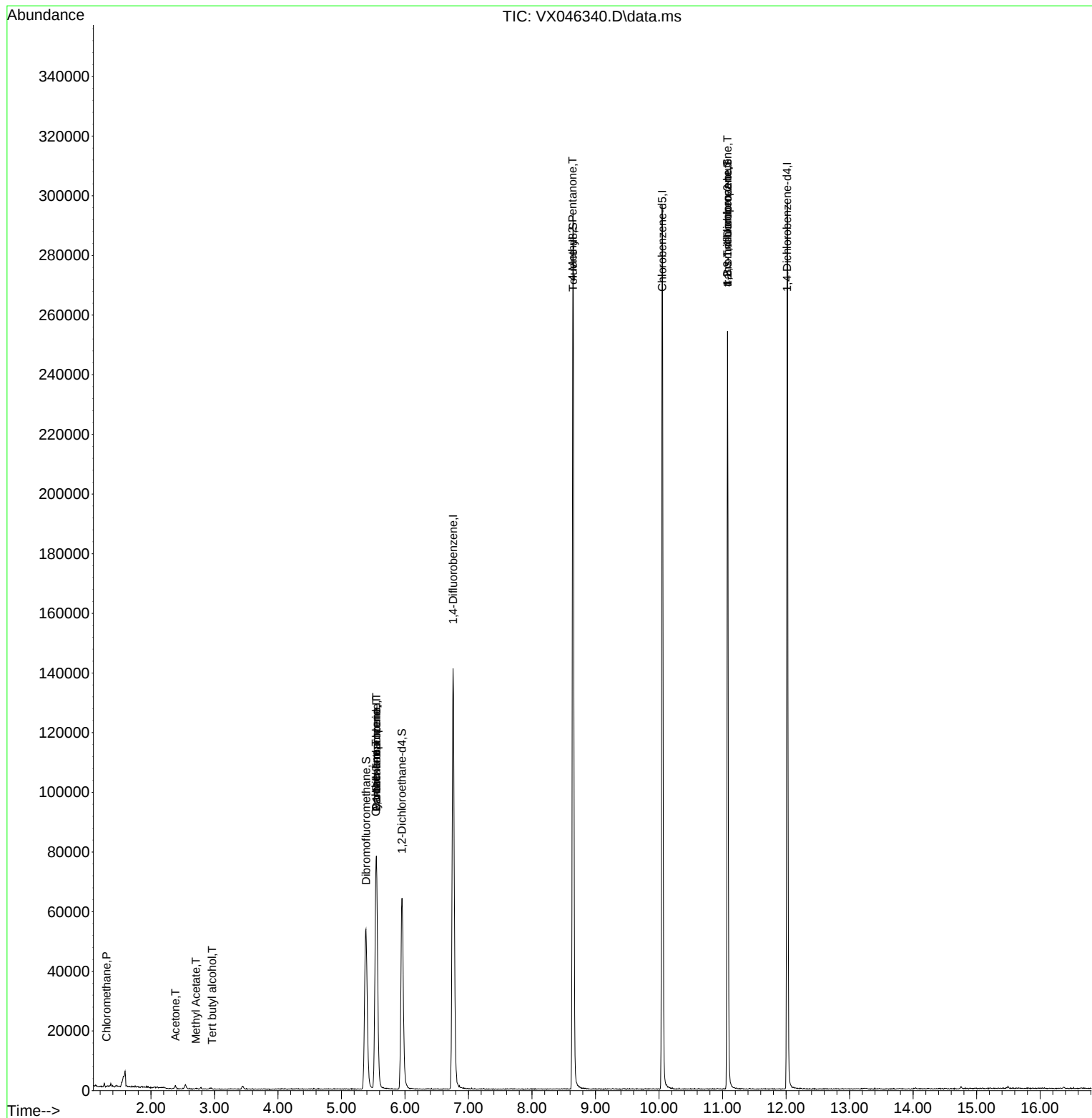
Internal Standards						
1) Pentafluorobenzene	5.549	168	67136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66323	52.989	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.980%			
35) Dibromofluoromethane	5.385	113	47527	50.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	8.646	98	164992	50.381	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.760%			
62) 4-Bromofluorobenzene	11.079	95	66468	52.912	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.820%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	366	0.367	ug/l #	43
11) Tert butyl alcohol	2.965	59	88	0.501	ug/l #	72
16) Acetone	2.385	43	1285	2.561	ug/l	90
18) Methyl Acetate	2.708	43	375	0.322	ug/l #	55
31) Cyclohexane	5.543	56	2035	1.364	ug/l #	34
36) 1,1-Dichloropropene	5.549	75	6908	5.434	ug/l #	51
38) Carbon Tetrachloride	5.549	117	7898	5.529	ug/l #	15
51) 4-Methyl-2-Pentanone	8.640	43	969	0.609	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38277	28.658	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38277	93.300	ug/l #	1

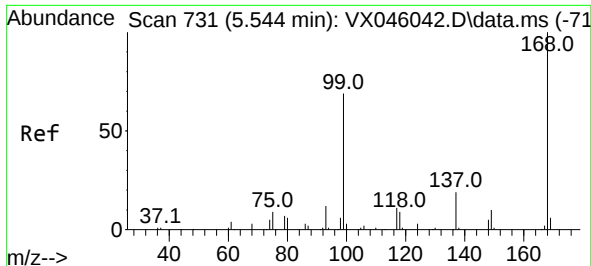
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
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Sample : Q2118-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250520

Quant Time: May 23 23:01:22 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

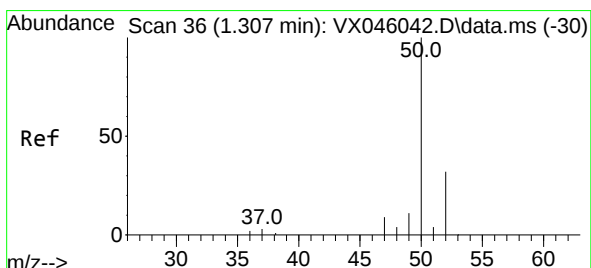
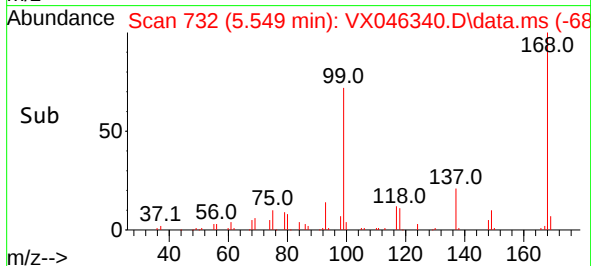
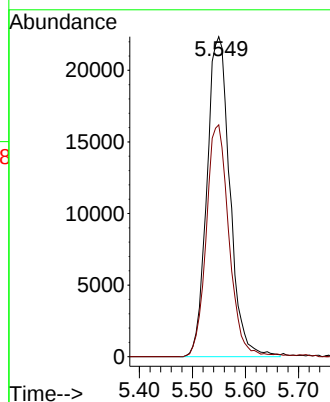
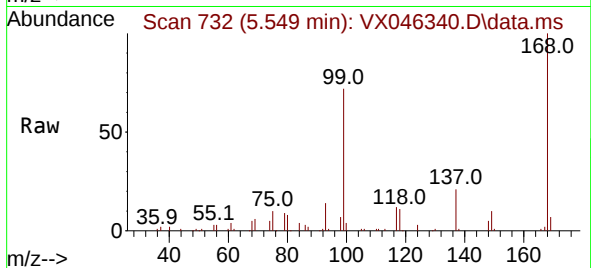




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

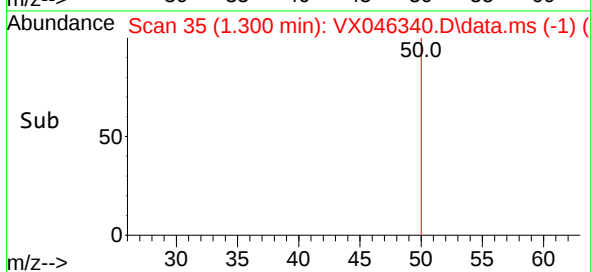
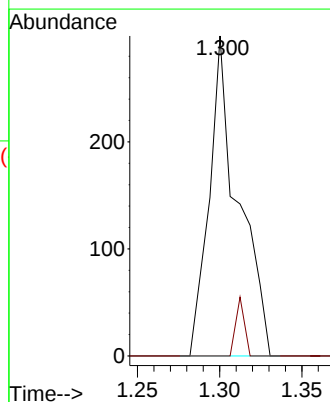
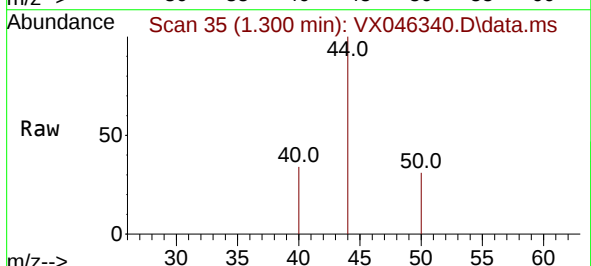
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250520

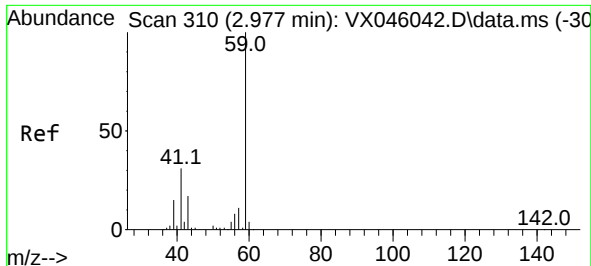
Tgt Ion:168 Resp: 67136
Ion Ratio Lower Upper
168 100
99 72.5 54.9 82.3



#3
Chloromethane
Concen: 0.367 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

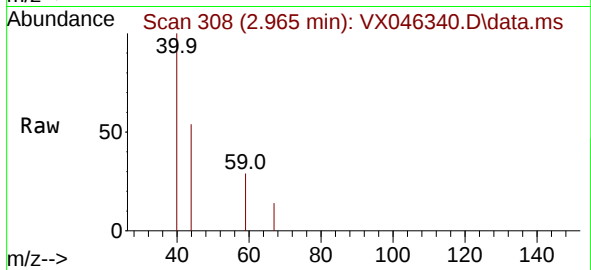
Tgt Ion: 50 Resp: 366
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



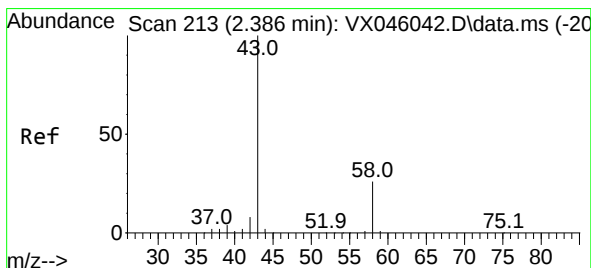
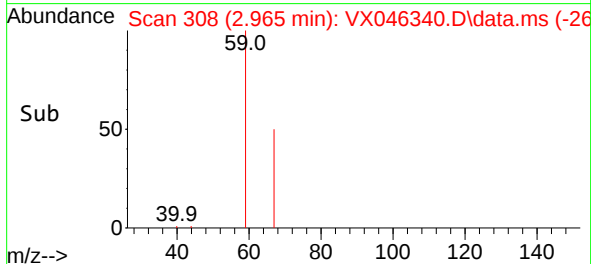
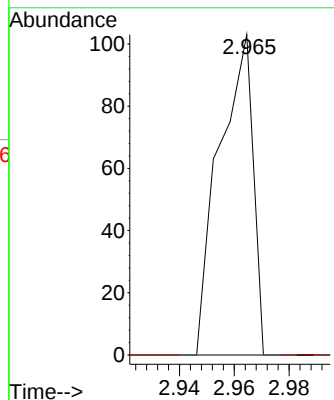


#11
Tert butyl alcohol
Concen: 0.501 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.013 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250520

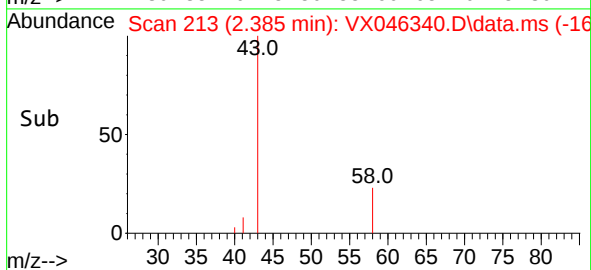
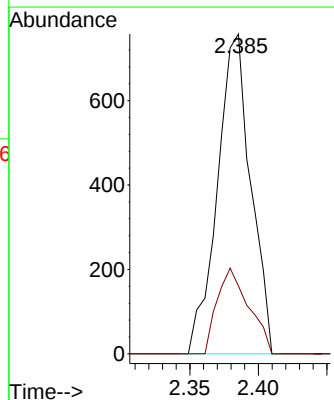
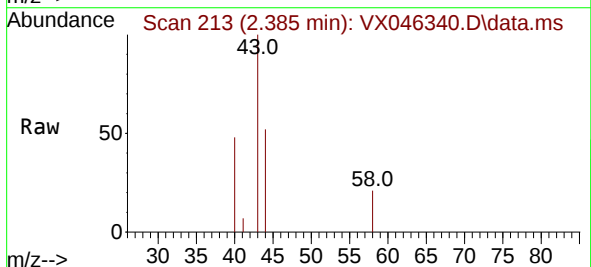


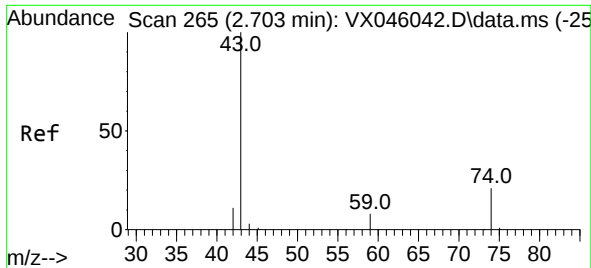
Tgt Ion: 59 Resp: 88
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 2.561 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
58 21.2 21.2 31.8

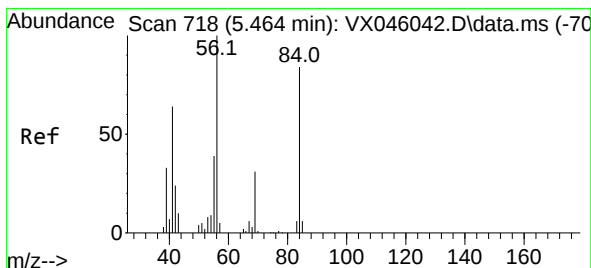
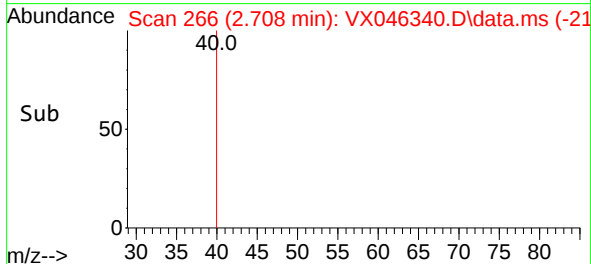
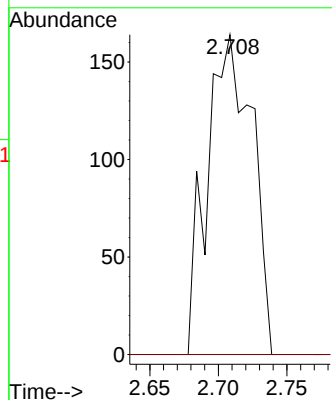
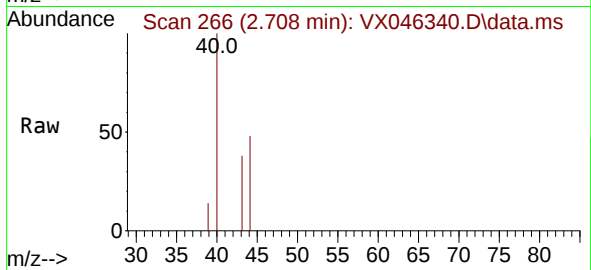




#18
Methyl Acetate
Concen: 0.322 ug/l
RT: 2.708 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

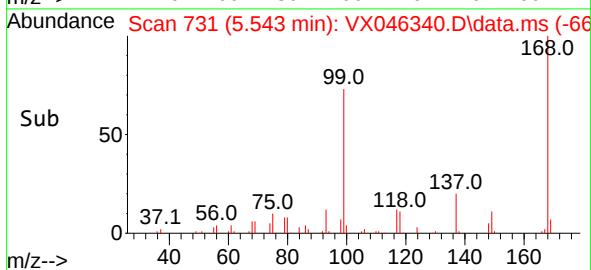
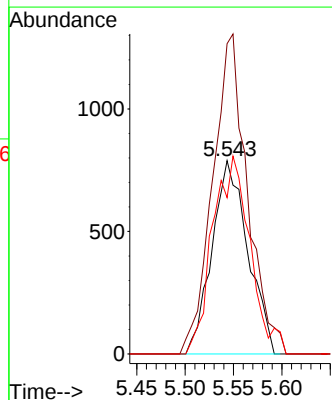
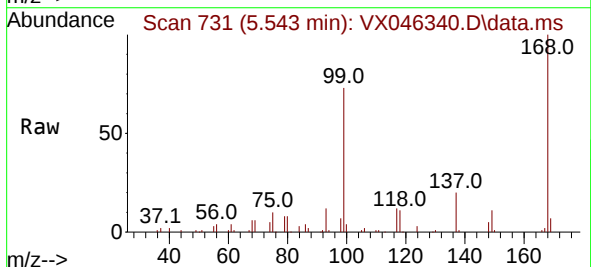
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250520

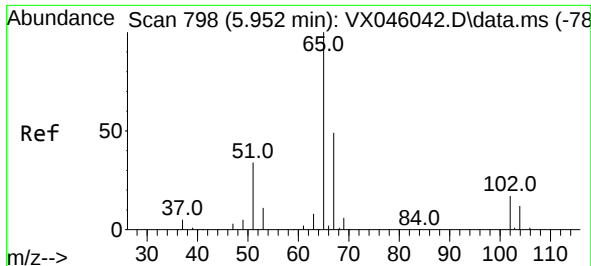
Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#31
Cyclohexane
Concen: 1.364 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

Tgt Ion: 56 Resp: 2035
Ion Ratio Lower Upper
56 100
69 160.5 24.4 36.6#
84 80.9 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 52.989 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046340.D

Acq: 23 May 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

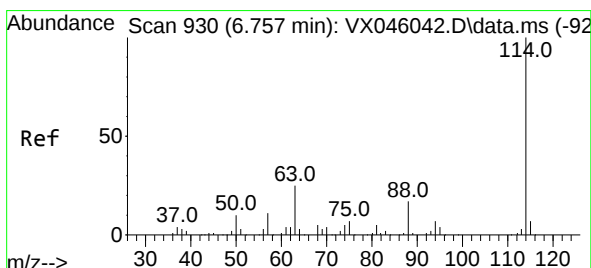
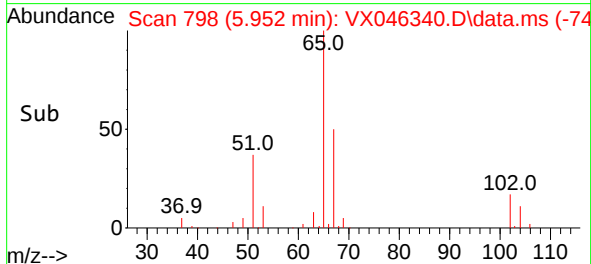
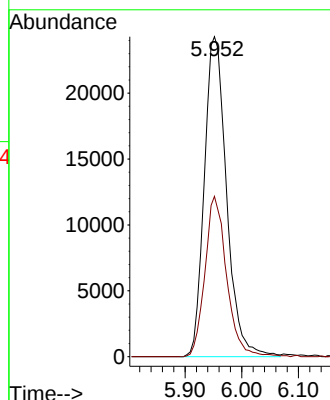
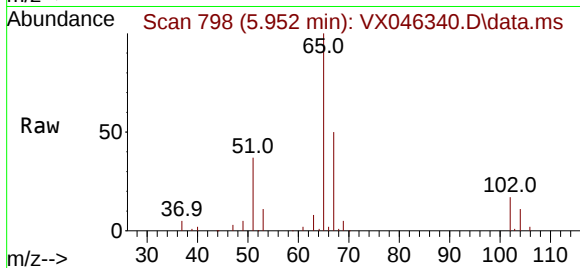
BP-VPB-182-TB-20250520

Tgt Ion: 65 Resp: 66323

Ion Ratio Lower Upper

65 100

67 48.8 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: VX046340.D

Acq: 23 May 2025 13:20

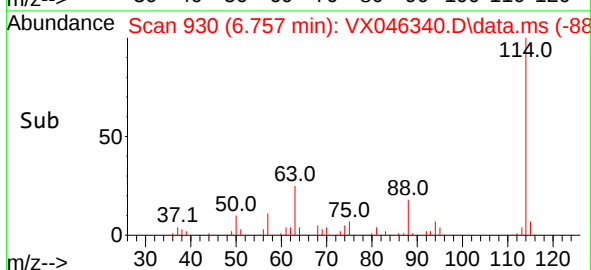
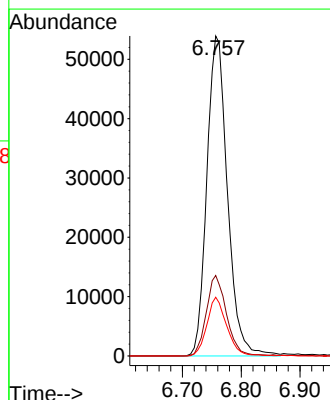
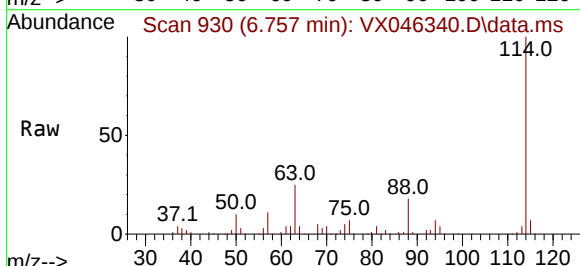
Tgt Ion: 114 Resp: 131396

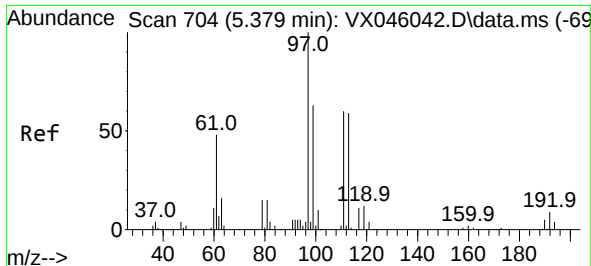
Ion Ratio Lower Upper

114 100

63 25.1 0.0 49.2

88 18.4 0.0 33.6

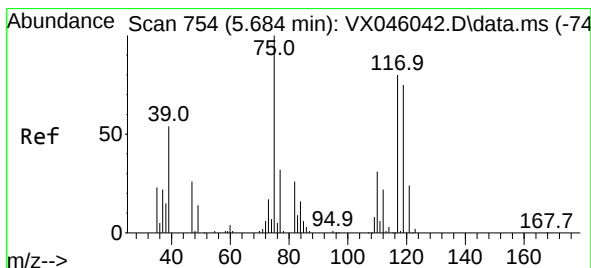
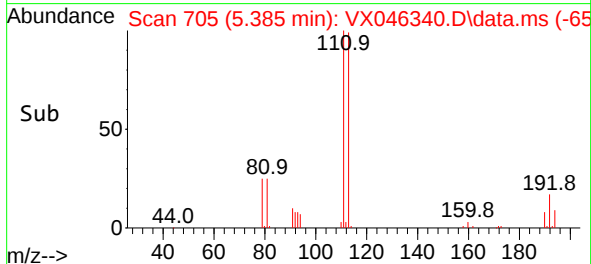
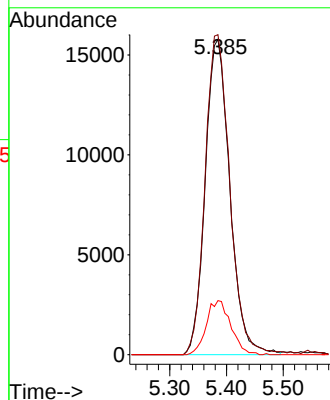
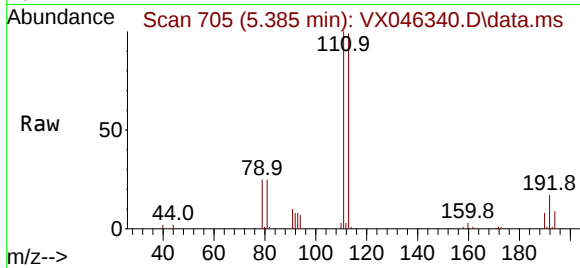




#35
Dibromofluoromethane
Concen: 50.230 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

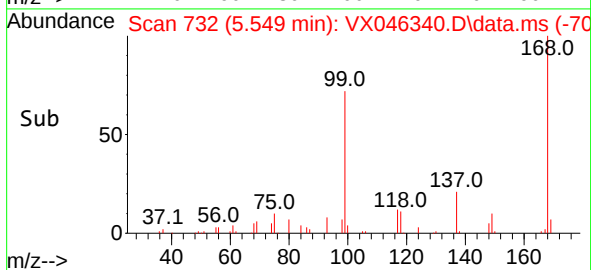
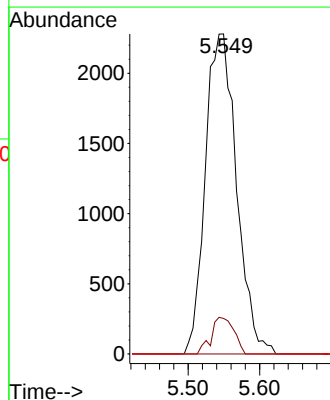
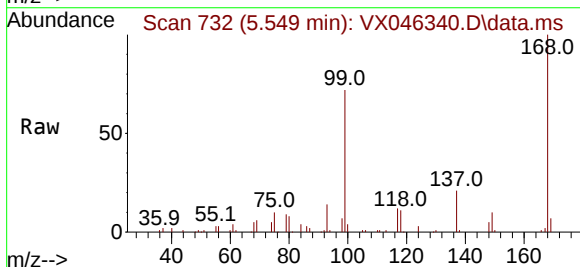
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250520

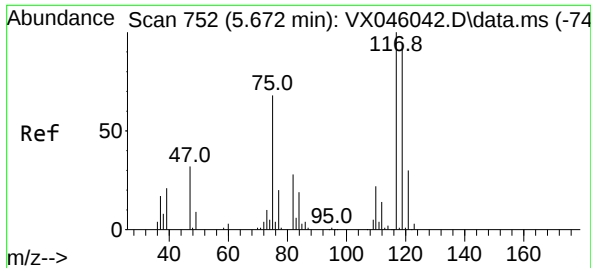
Tgt Ion:113 Resp: 47527
Ion Ratio Lower Upper
113 100
111 101.9 83.1 124.7
192 17.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.434 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.135 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

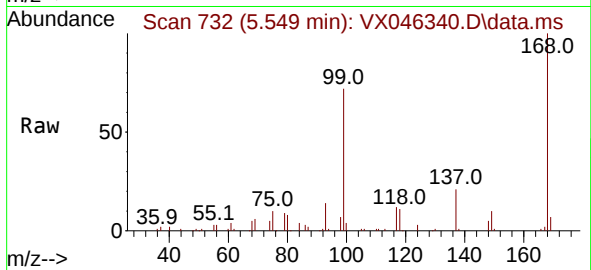
Tgt Ion: 75 Resp: 6908
Ion Ratio Lower Upper
75 100
110 8.3 16.3 48.9#
77 0.0 24.3 36.5#



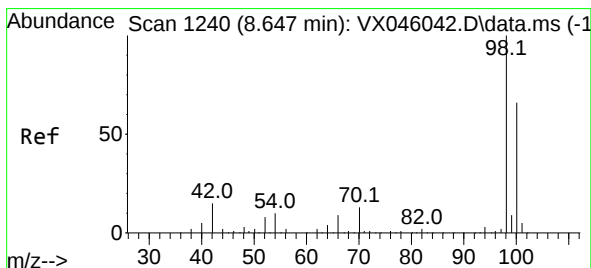
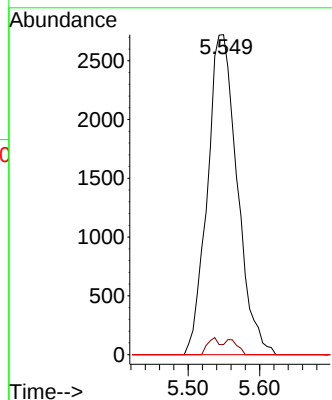
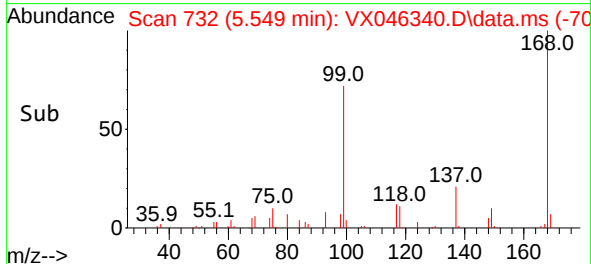


#38
Carbon Tetrachloride
Concen: 5.529 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250520

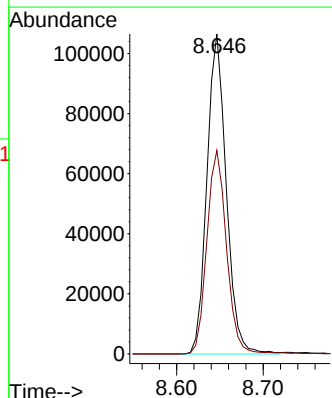
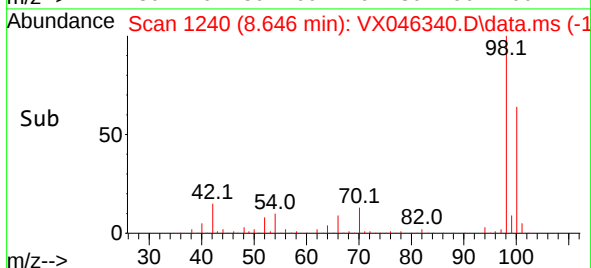
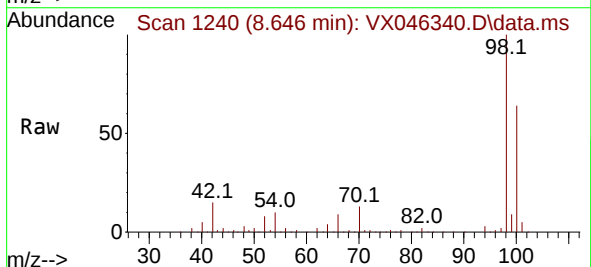


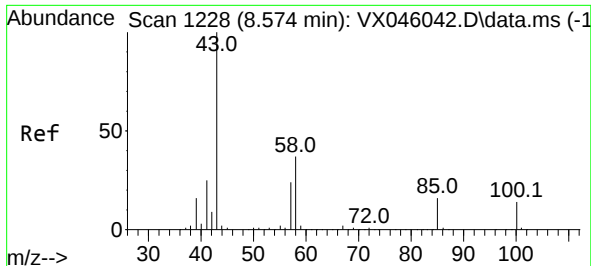
Tgt Ion:117 Resp: 7898
Ion Ratio Lower Upper
117 100
119 3.1 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.381 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

Tgt Ion: 98 Resp: 164992
Ion Ratio Lower Upper
98 100
100 64.9 53.5 80.3

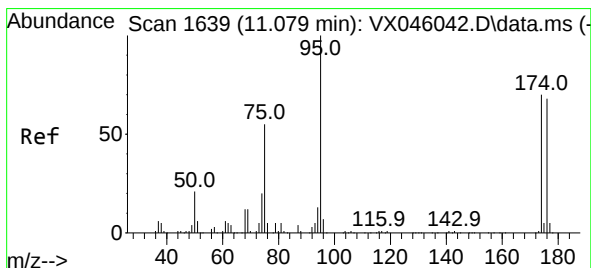
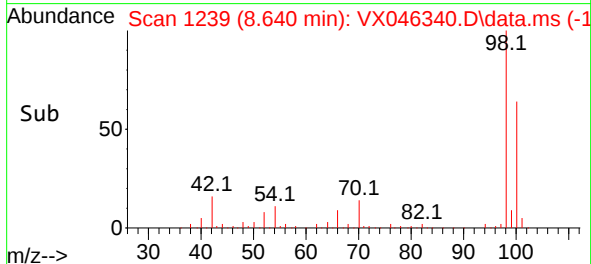
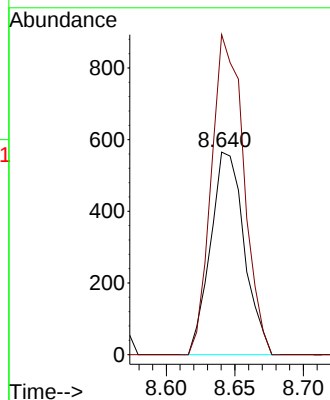
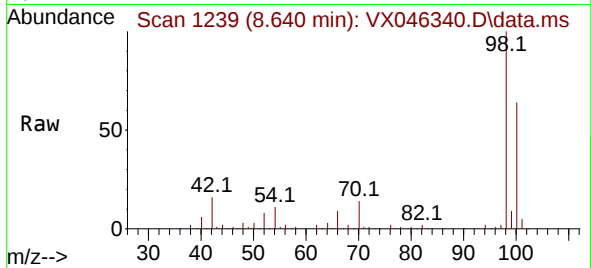




#51
4-Methyl-2-Pentanone
Concen: 0.609 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

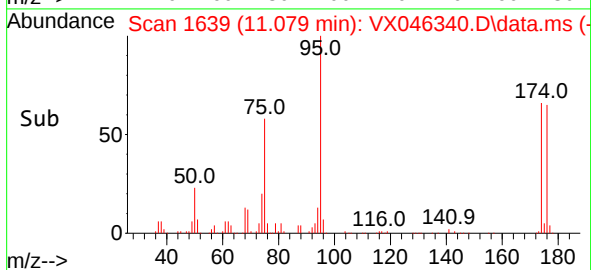
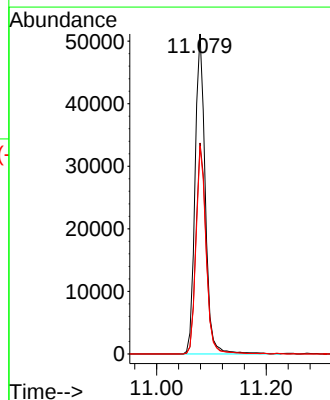
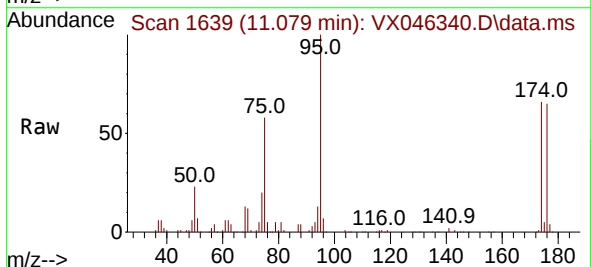
Instrument : MSVOA_X
ClientSampleId : BP-VPB-182-TB-20250520

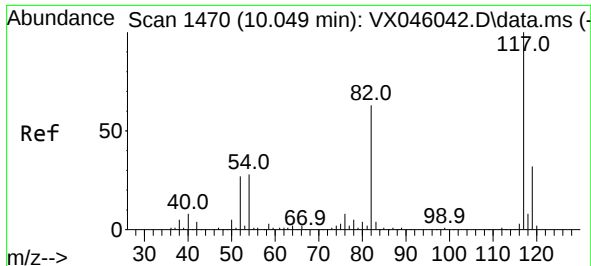
Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 151.5 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 52.912 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

Tgt Ion: 95 Resp: 66468
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 63.6 0.0 131.4

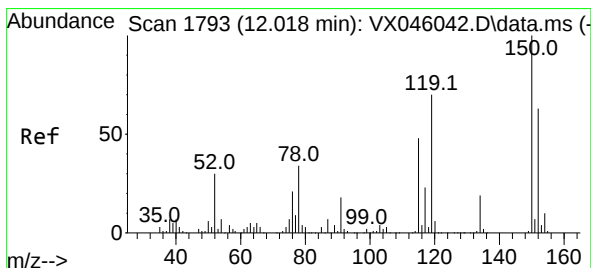
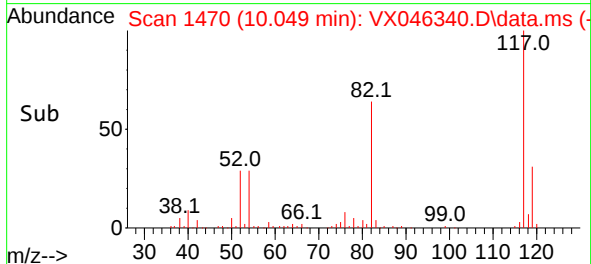
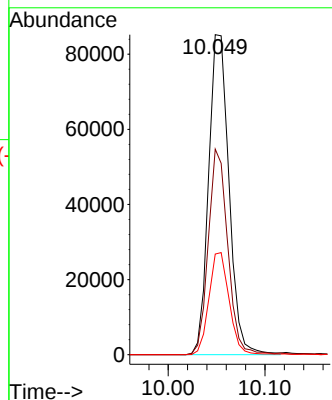
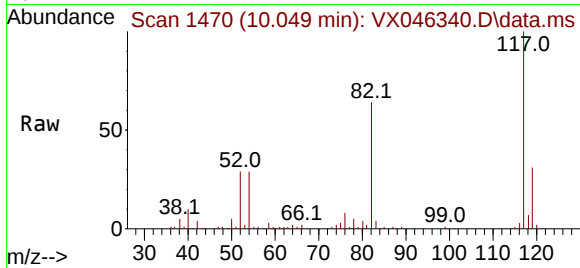




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

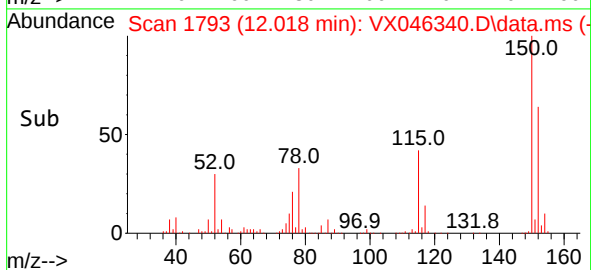
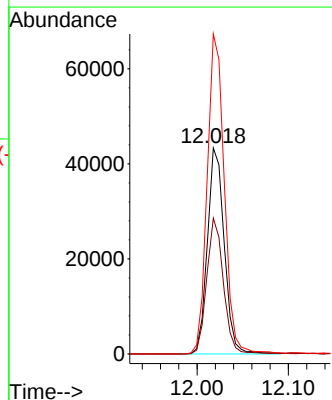
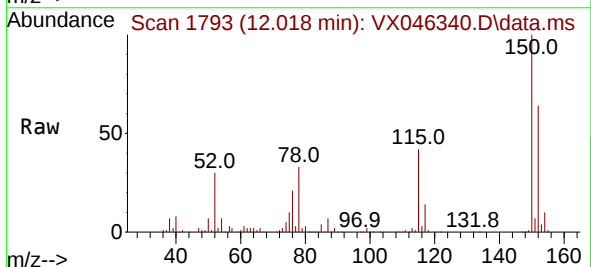
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250520

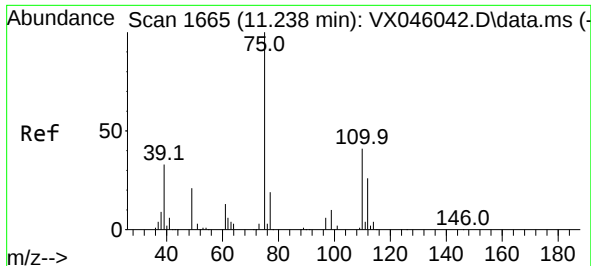
Tgt Ion:117 Resp: 125098
Ion Ratio Lower Upper
117 100
82 64.3 50.6 76.0
119 31.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

Tgt Ion:152 Resp: 55490
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 157.3 0.0 351.0

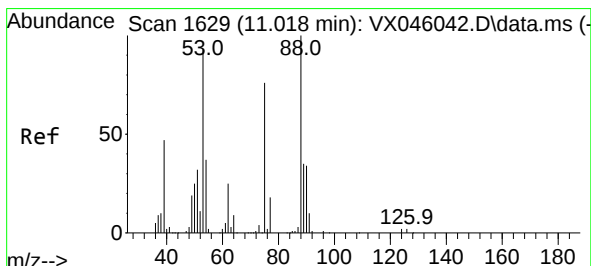
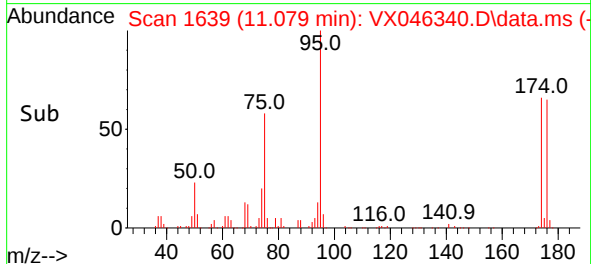
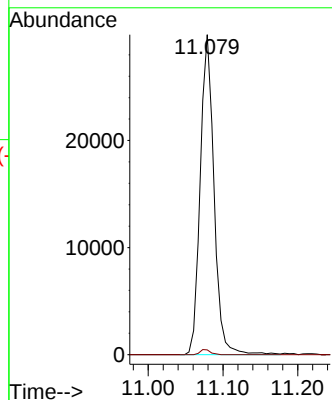
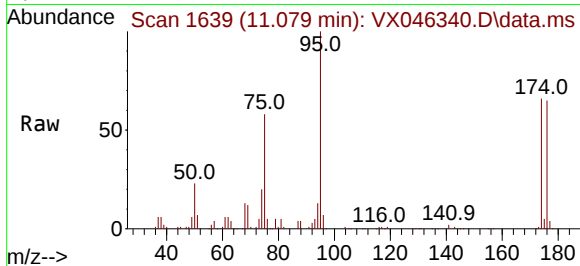




#76
1,2,3-Trichloropropane
Concen: 28.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

Instrument : MSVOA_X
ClientSampleId : BP-VPB-182-TB-20250520

Tgt Ion: 75 Resp: 38277
Ion Ratio Lower Upper
75 100
77 1.2 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.300 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046340.D
Acq: 23 May 2025 13:20

Tgt Ion: 75 Resp: 38277
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

