

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046356.D
 Acq On : 23 May 2025 19:32
 Operator : JC/MD
 Sample : Q2120-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-EB-20250522

Quant Time: May 23 23:07:38 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)

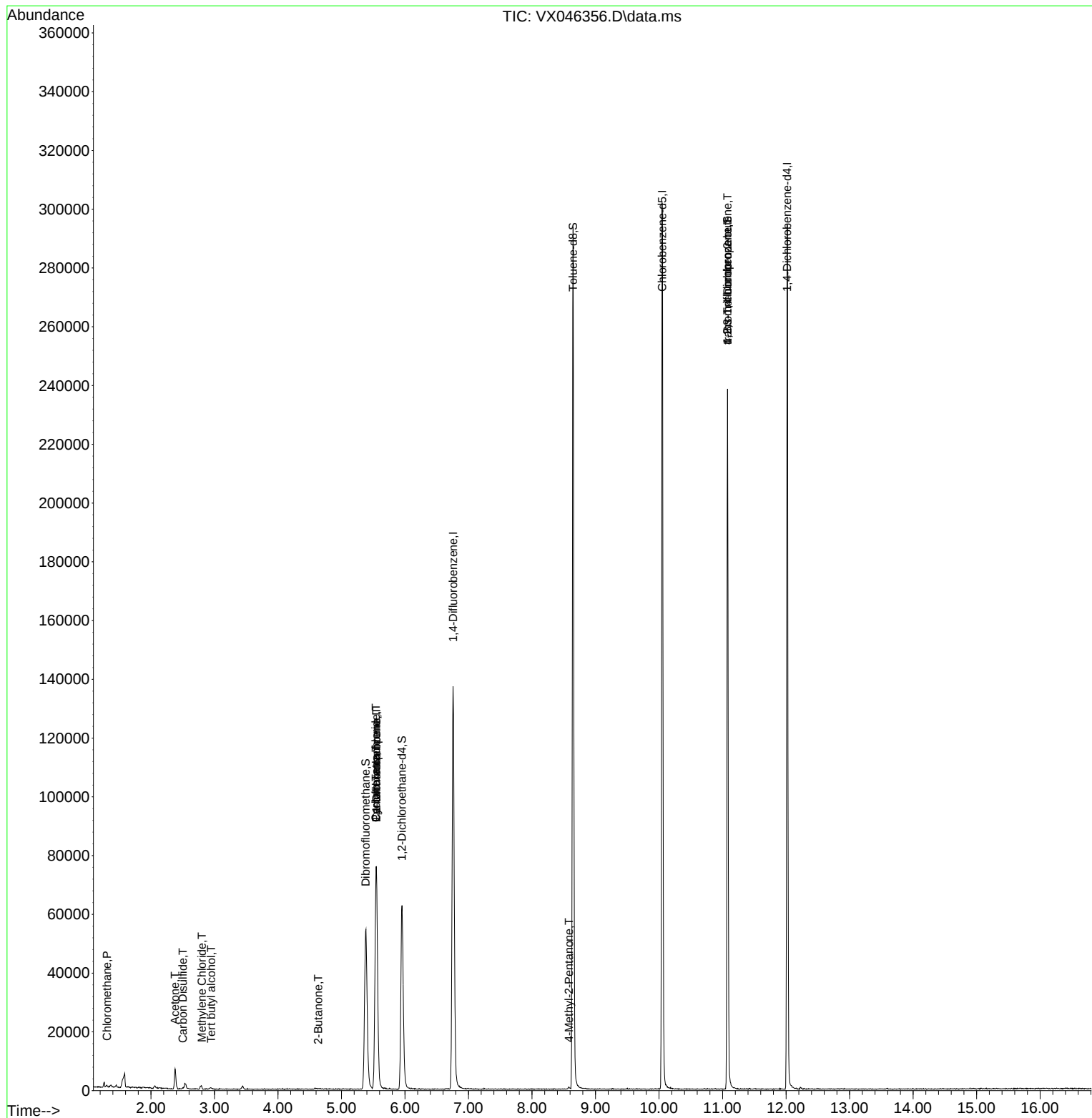
Internal Standards						
1) Pentafluorobenzene	5.550	168	63849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63837	53.629	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.260%			
35) Dibromofluoromethane	5.379	113	46419	50.514	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.020%			
50) Toluene-d8	8.647	98	161254	50.700	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.400%			
62) 4-Bromofluorobenzene	11.079	95	62194	50.978	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.960%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	575	0.607	ug/l	99
11) Tert butyl alcohol	2.947	59	334	1.999	ug/l #	72
16) Acetone	2.380	43	7341	15.381	ug/l	99
17) Carbon Disulfide	2.501	76	586	0.326	ug/l #	76
20) Methylene Chloride	2.800	84	566	0.619	ug/l #	48
25) 2-Butanone	4.635	43	924	1.334	ug/l #	53
31) Cyclohexane	5.544	56	1919	1.353	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	6777	5.489	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7924	5.712	ug/l #	17
51) 4-Methyl-2-Pentanone	8.580	43	578	0.374	ug/l #	77
76) 1,2,3-Trichloropropane	11.079	75	36900	29.083	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36900	94.685	ug/l #	1

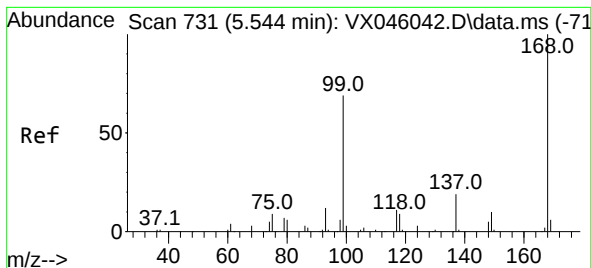
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX046356.D

Acq: 23 May 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

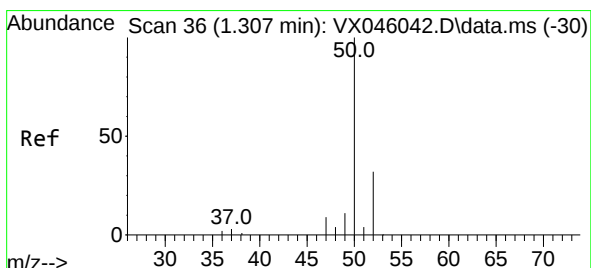
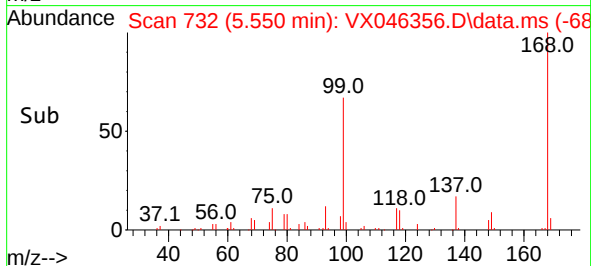
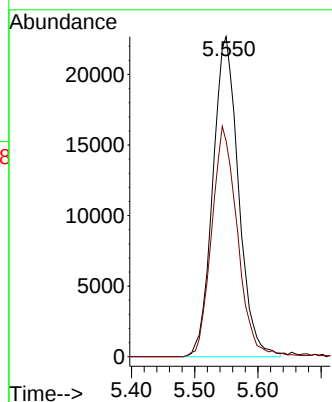
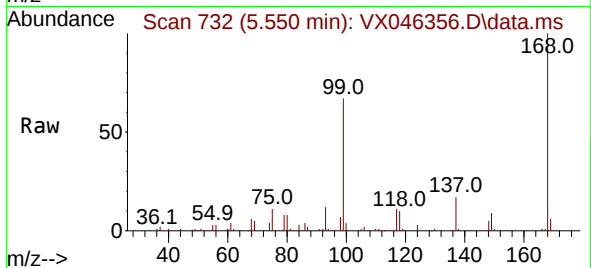
BP-VPB-182-EB-20250522

Tgt Ion:168 Resp: 63849

Ion Ratio Lower Upper

168 100

99 67.4 54.9 82.3



#3

Chloromethane

Concen: 0.607 ug/l

RT: 1.307 min Scan# 36

Delta R.T. -0.000 min

Lab File: VX046356.D

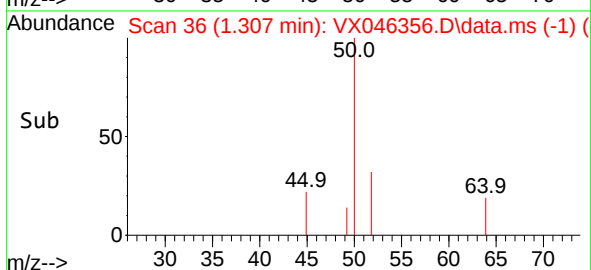
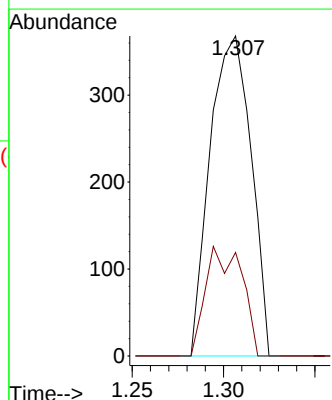
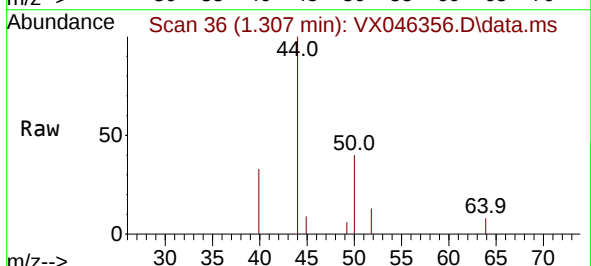
Acq: 23 May 2025 19:32

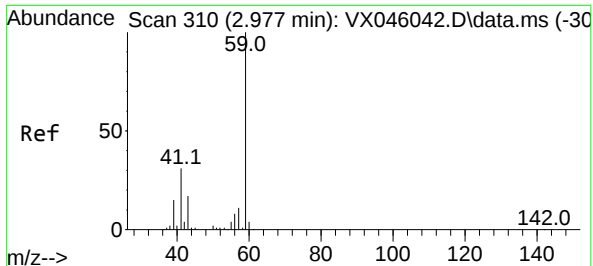
Tgt Ion: 50 Resp: 575

Ion Ratio Lower Upper

50 100

52 32.3 25.4 38.2





#11

Tert butyl alcohol

Concen: 1.999 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.031 min

Lab File: VX046356.D

Acq: 23 May 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

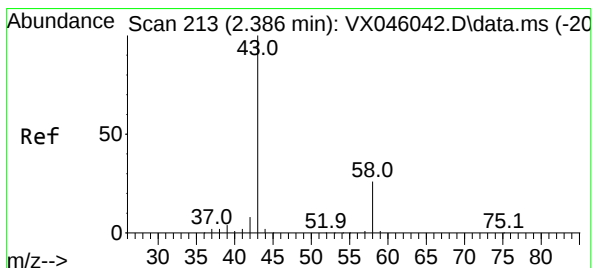
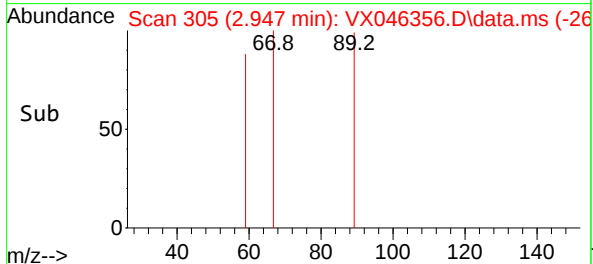
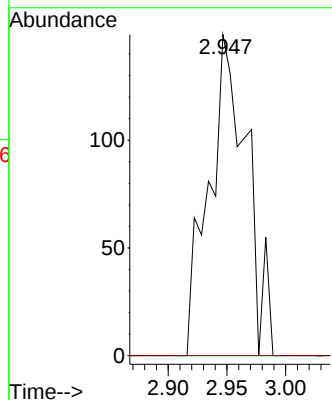
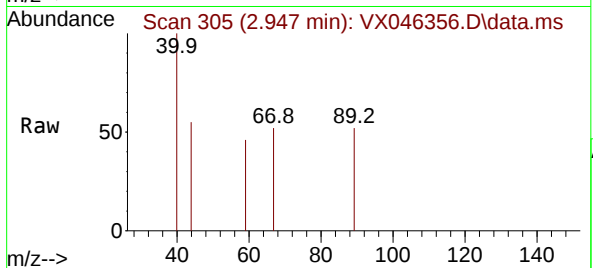
BP-VPB-182-EB-20250522

Tgt Ion: 59 Resp: 334

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 15.381 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX046356.D

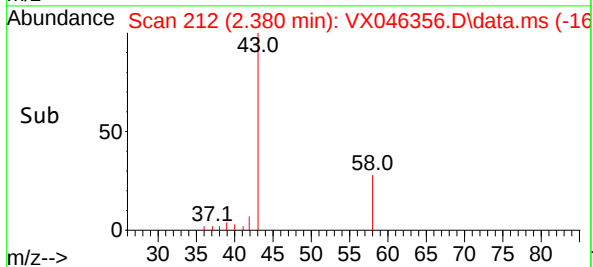
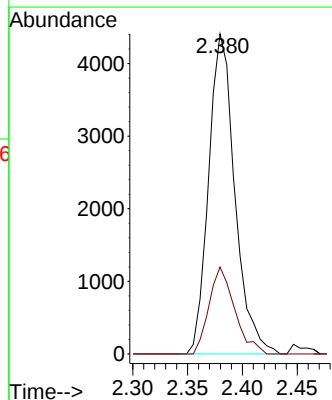
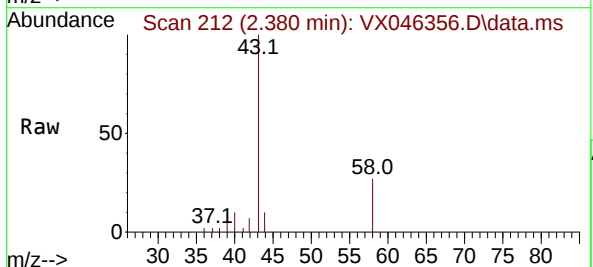
Acq: 23 May 2025 19:32

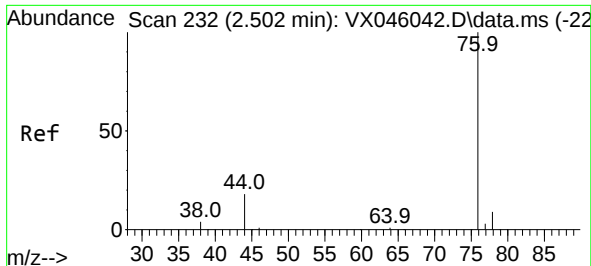
Tgt Ion: 43 Resp: 7341

Ion Ratio Lower Upper

43 100

58 27.2 21.2 31.8





#17

Carbon Disulfide

Concen: 0.326 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046356.D

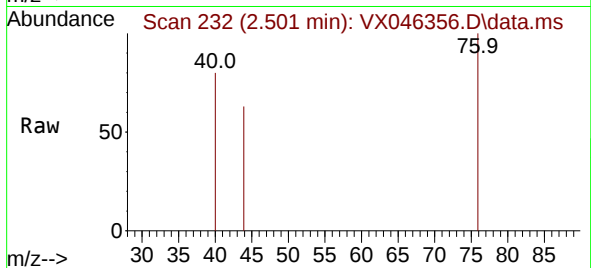
Acq: 23 May 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-EB-20250522

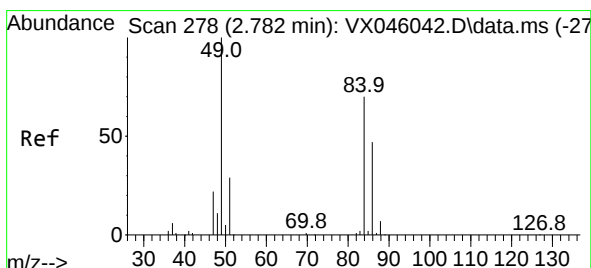
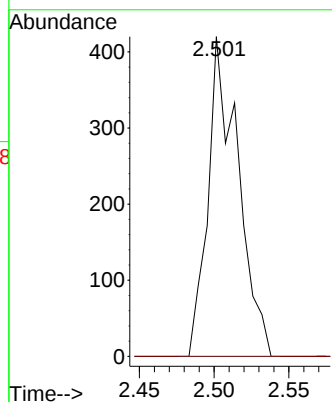


Tgt Ion: 76 Resp: 586

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#20

Methylene Chloride

Concen: 0.619 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.018 min

Lab File: VX046356.D

Acq: 23 May 2025 19:32

Tgt Ion: 84 Resp: 566

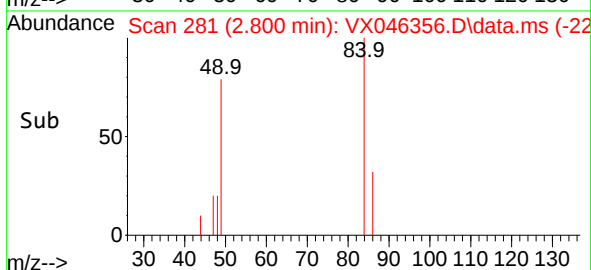
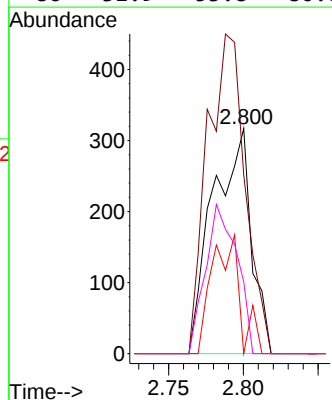
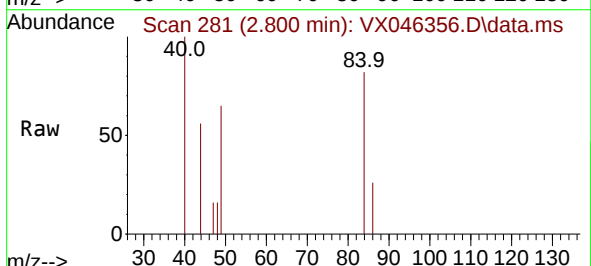
Ion Ratio Lower Upper

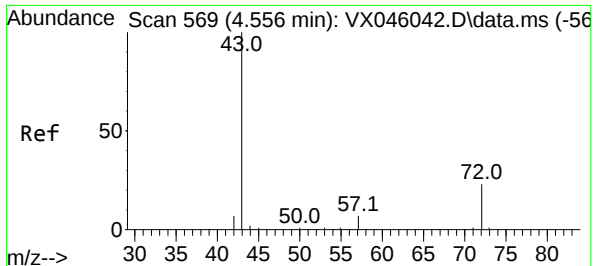
84 100

49 79.5 113.9 170.9#

51 0.0 33.5 50.3#

86 31.9 53.8 80.8#





#25

2-Butanone

Concen: 1.334 ug/l

RT: 4.635 min Scan# 51

Delta R.T. 0.079 min

Lab File: VX046356.D

Acq: 23 May 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

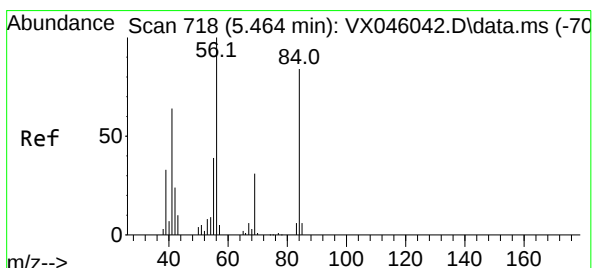
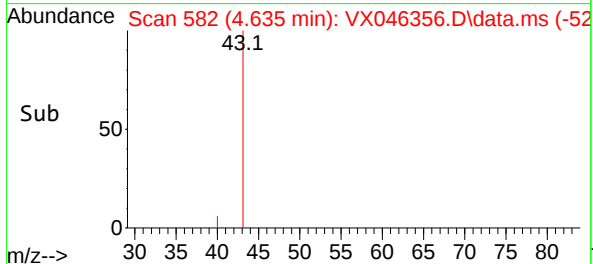
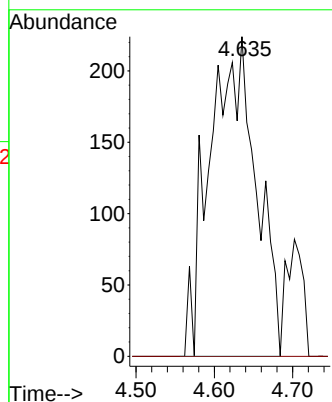
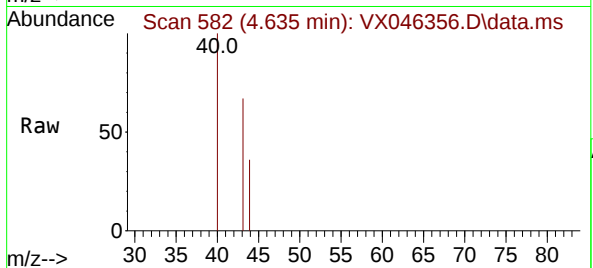
BP-VPB-182-EB-20250522

Tgt Ion: 43 Resp: 924

Ion Ratio Lower Upper

43 100

72 0.0 18.4 27.6#



#31

Cyclohexane

Concen: 1.353 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX046356.D

Acq: 23 May 2025 19:32

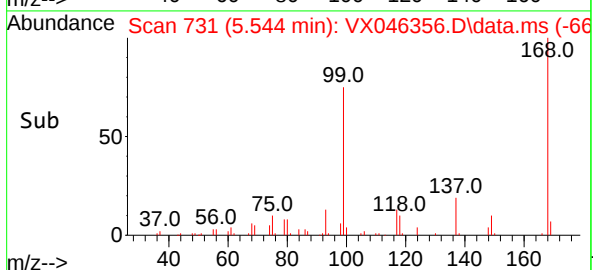
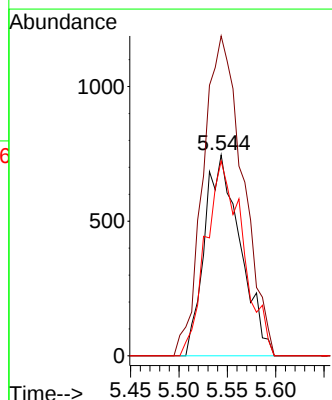
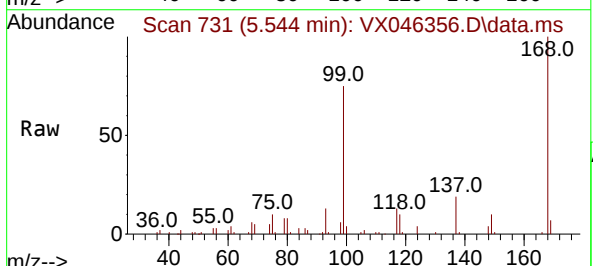
Tgt Ion: 56 Resp: 1919

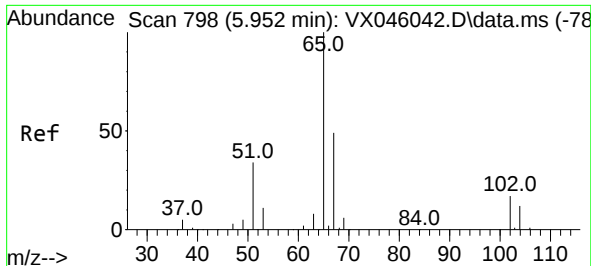
Ion Ratio Lower Upper

56 100

69 159.2 24.4 36.6#

84 97.1 66.9 100.3

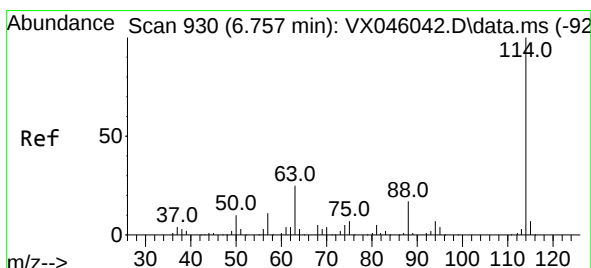
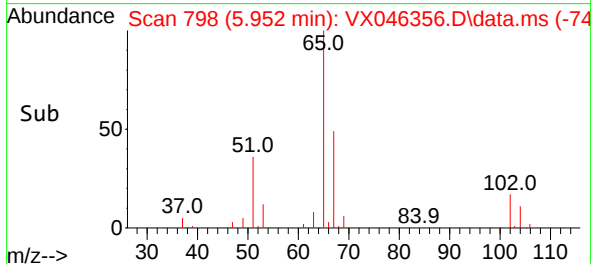
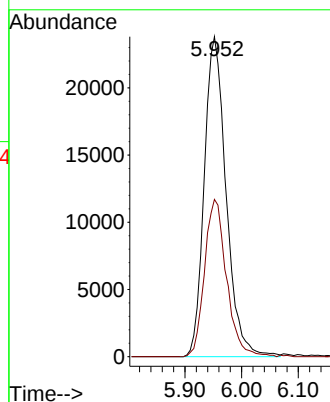
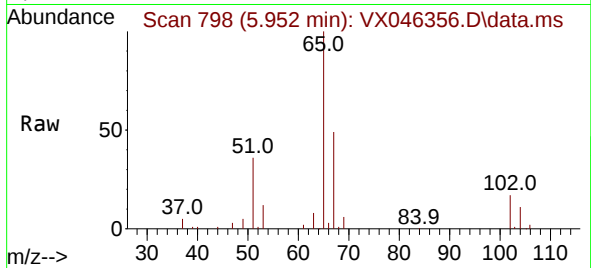




#33
 1,2-Dichloroethane-d4
 Concen: 53.629 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046356.D
 Acq: 23 May 2025 19:32

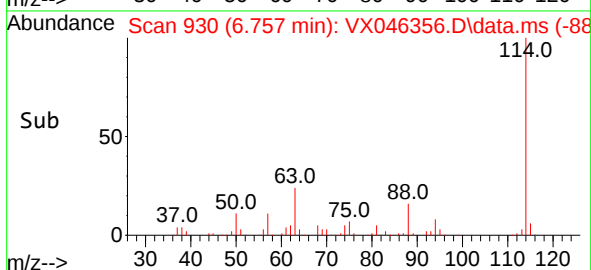
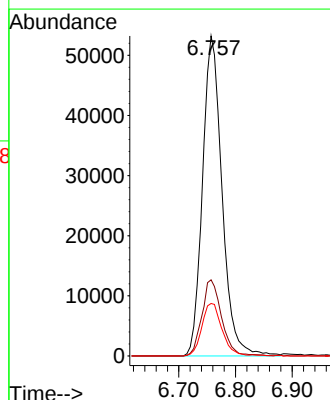
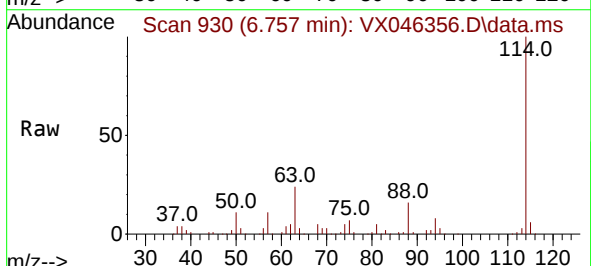
Instrument : MSVOA_X
 ClientSampleId : BP-VPB-182-EB-20250522

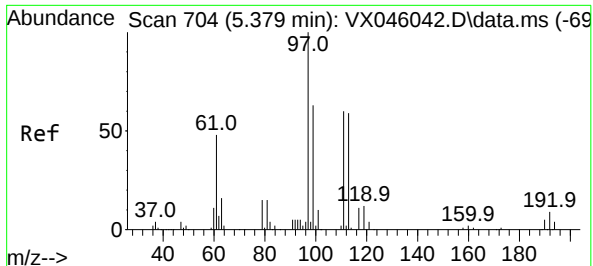
Tgt Ion: 65 Resp: 63837
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046356.D
 Acq: 23 May 2025 19:32

Tgt Ion: 114 Resp: 127611
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 49.2
 88 16.4 0.0 33.6

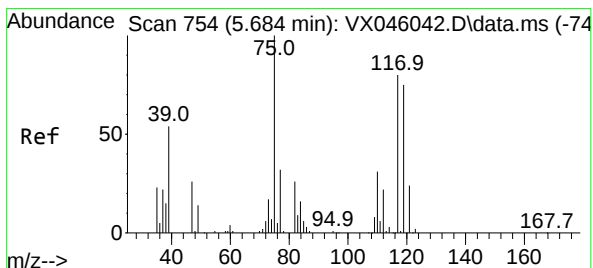
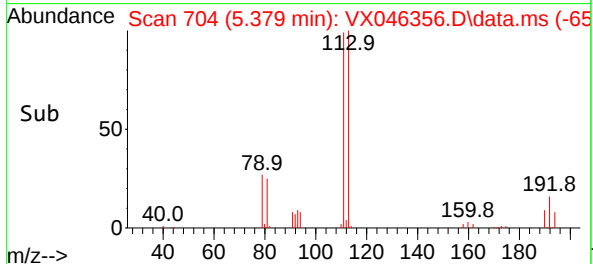
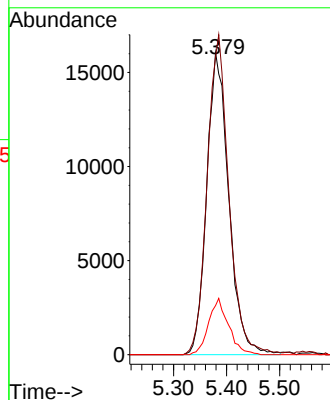
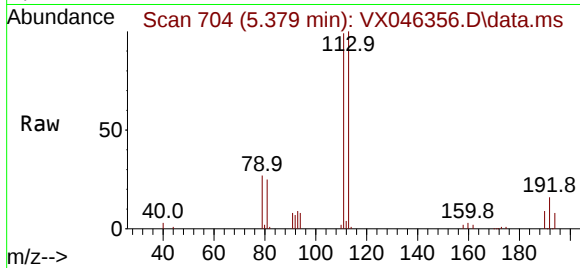




#35
Dibromofluoromethane
Concen: 50.514 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

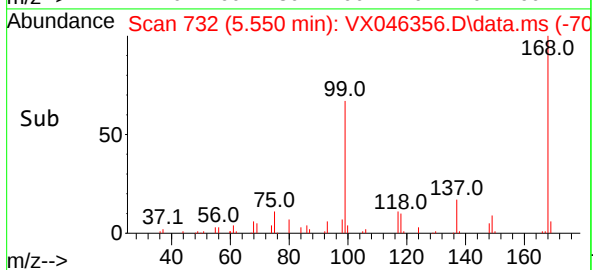
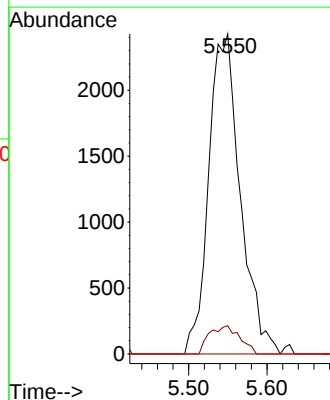
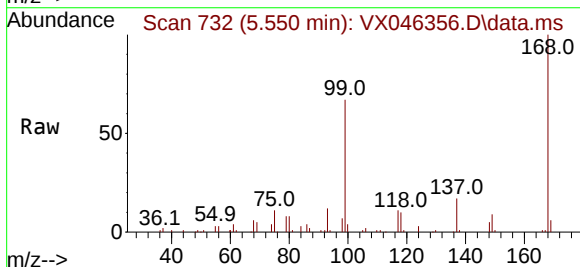
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

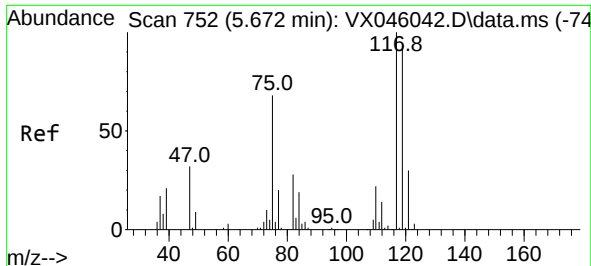
Tgt Ion:	113	Resp:	46419
Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.1	124.7
192	16.9	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.489 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

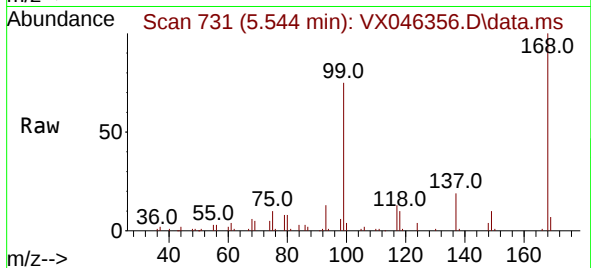
Tgt Ion:	75	Resp:	6777
Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.3	48.9#
77	0.0	24.3	36.5#



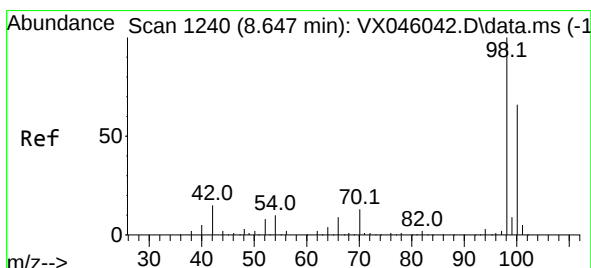
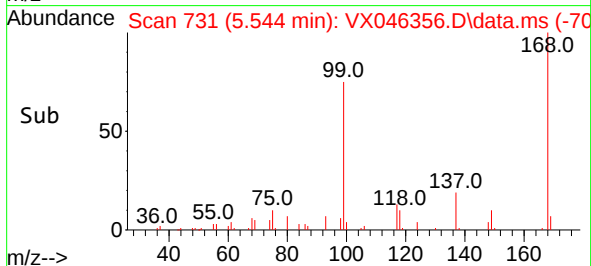
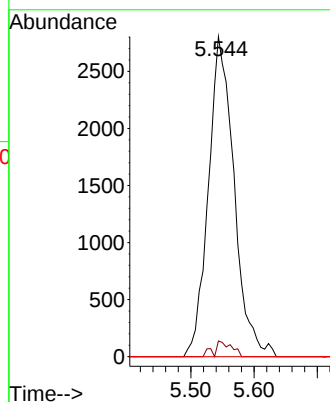


#38
Carbon Tetrachloride
Concen: 5.712 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

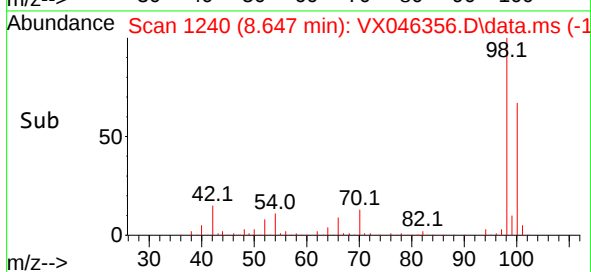
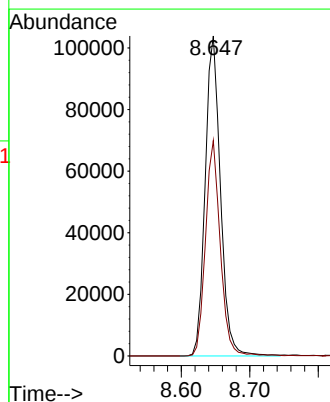
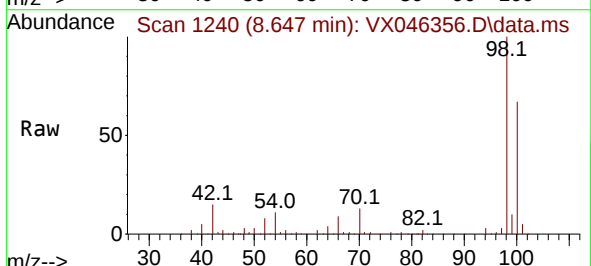


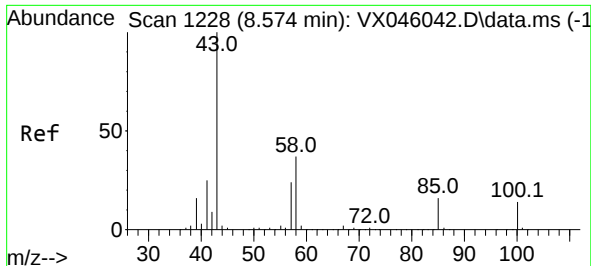
Tgt Ion:117 Resp: 7924
Ion Ratio Lower Upper
117 100
119 4.9 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.700 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

Tgt Ion: 98 Resp: 161254
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3

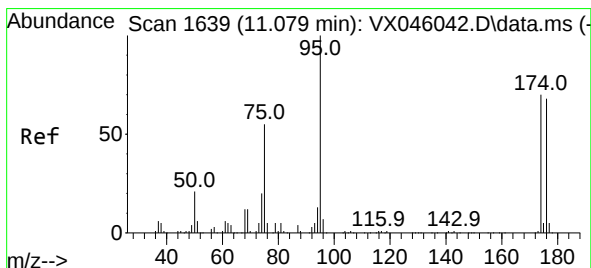
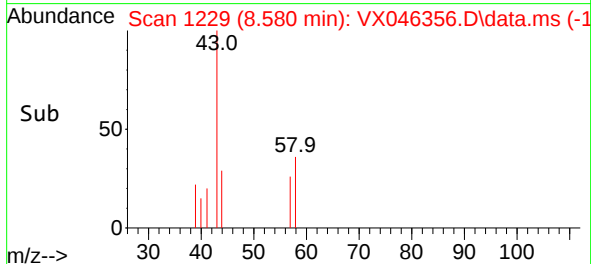
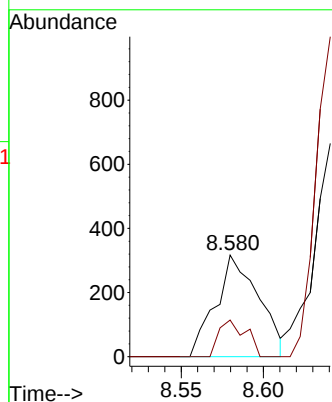
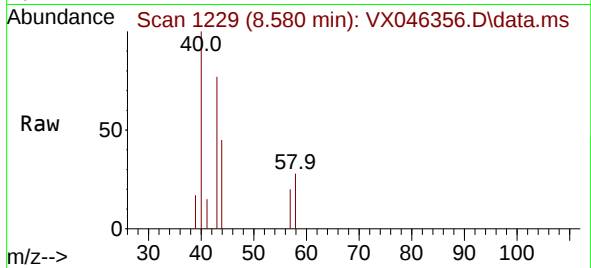




#51
4-Methyl-2-Pentanone
Concen: 0.374 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

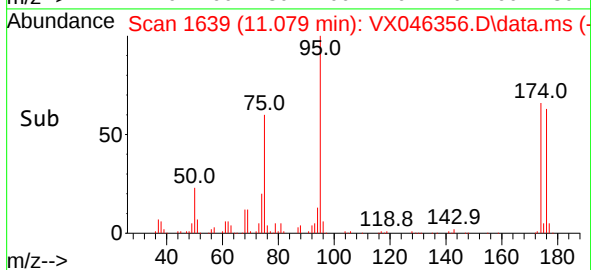
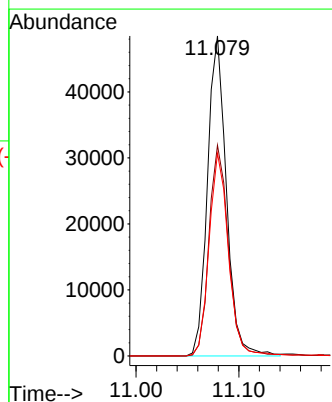
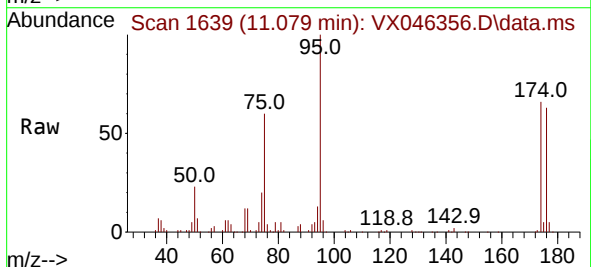
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

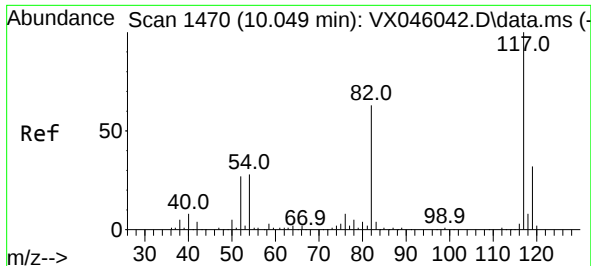
Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
58 22.7 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 50.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

Tgt Ion: 95 Resp: 62194
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 65.2 0.0 131.4

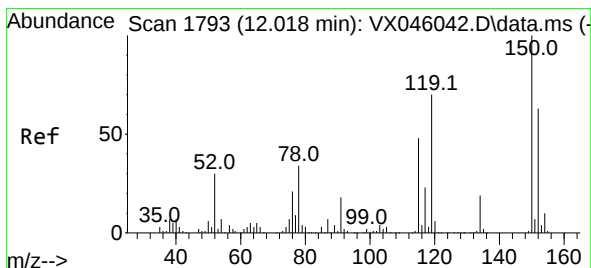
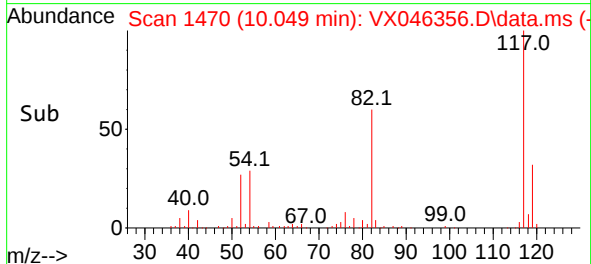
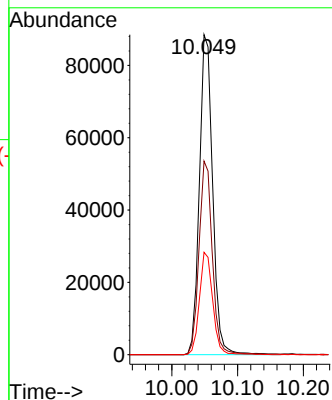
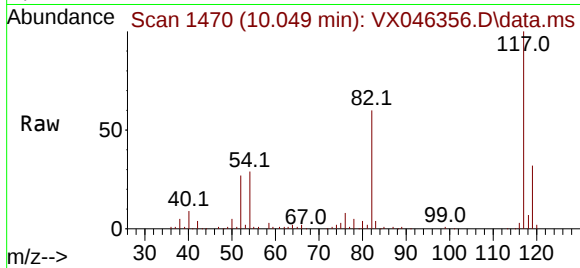




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

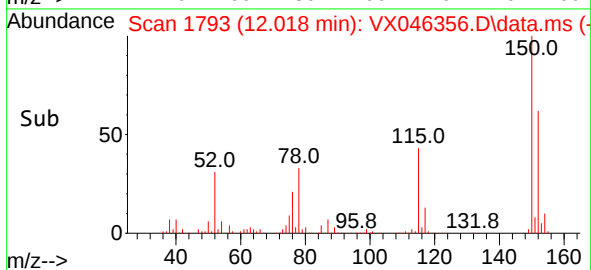
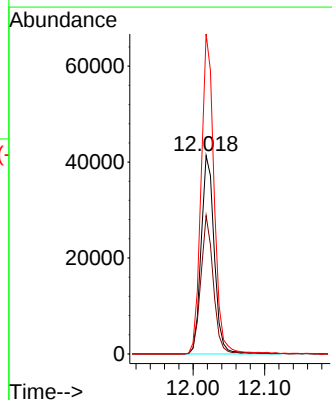
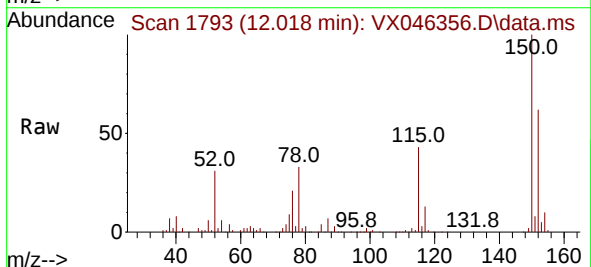
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250522

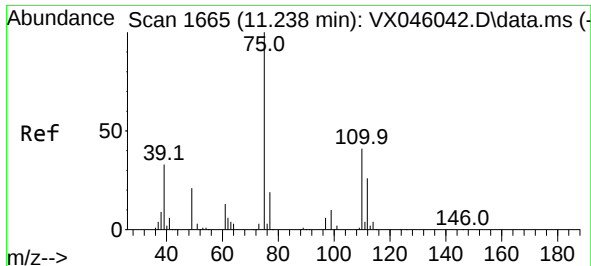
Tgt Ion:117 Resp: 124029
Ion Ratio Lower Upper
117 100
82 60.5 50.6 76.0
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

Tgt Ion:152 Resp: 52711
Ion Ratio Lower Upper
152 100
115 67.0 46.9 140.7
150 160.2 0.0 351.0

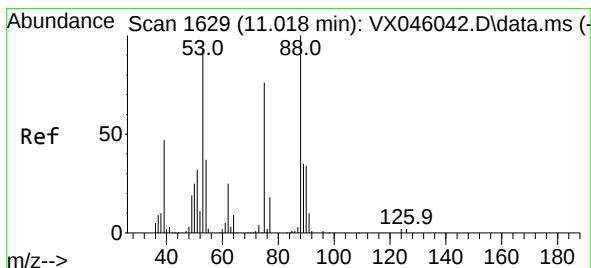
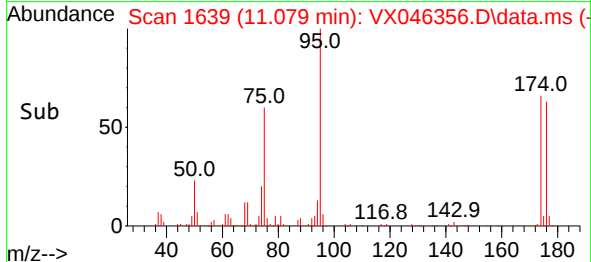
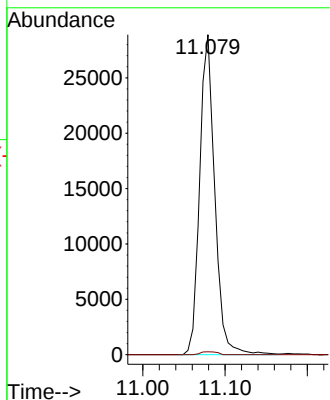
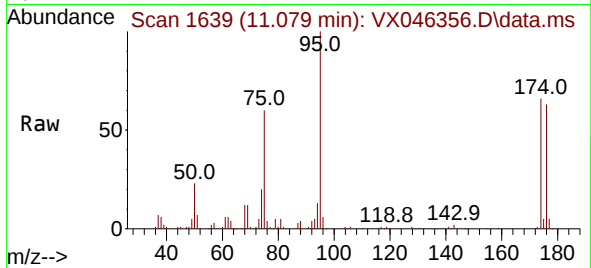




#76
1,2,3-Trichloropropane
Concen: 29.083 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

Instrument : MSVOA_X
ClientSampleId : BP-VPB-182-EB-20250522

Tgt Ion: 75 Resp: 36900
Ion Ratio Lower Upper
75 100
77 1.0 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.685 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046356.D
Acq: 23 May 2025 19:32

Tgt Ion: 75 Resp: 36900
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

