

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037778.D
 Acq On : 18 Sep 2023 15:40
 Operator : JC/MD
 Sample : 04437-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-EB-20230913

Quant Time: Sep 18 17:57:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

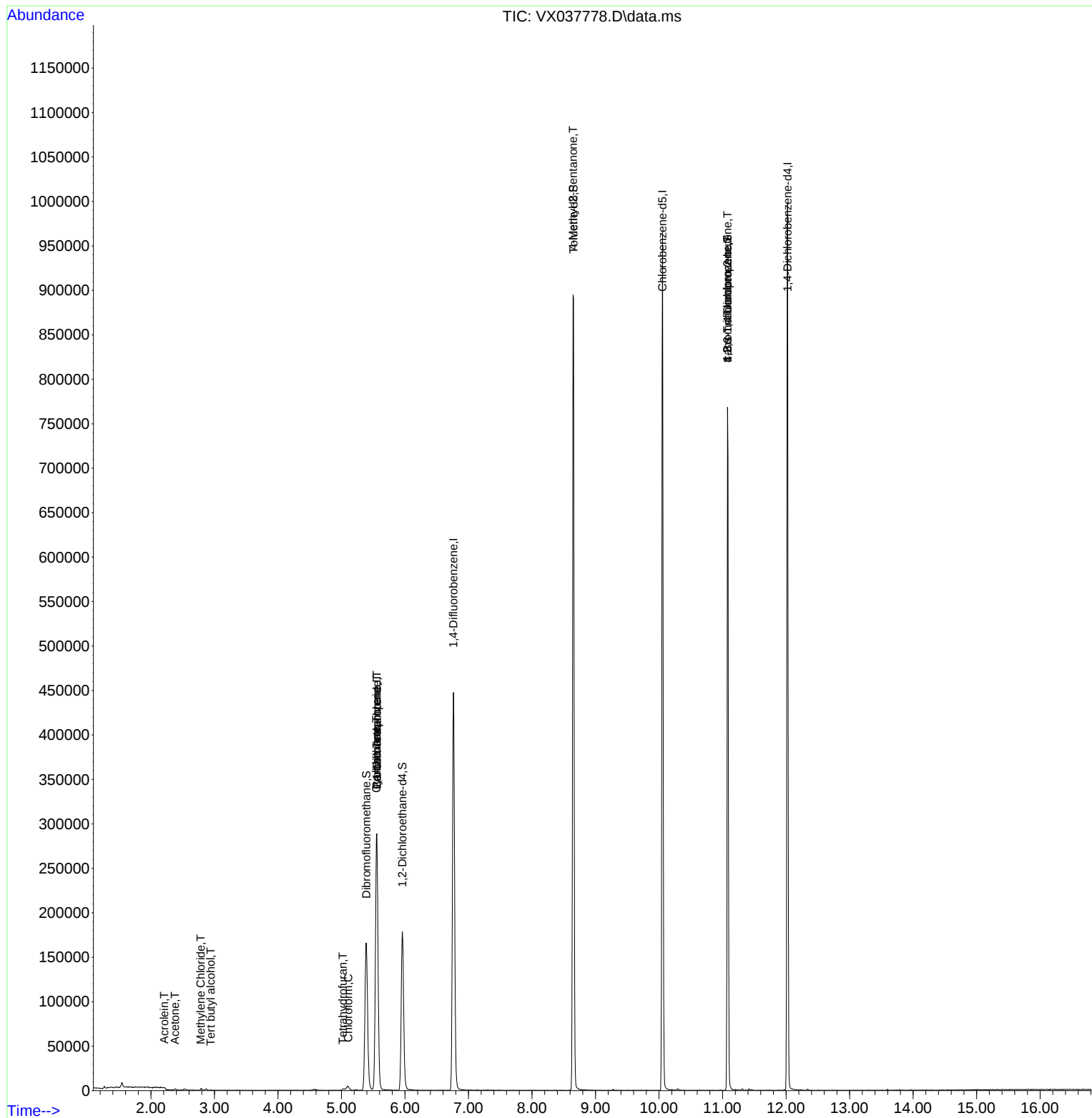
Internal Standards						
1) Pentafluorobenzene	5.556	168	279500	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	469628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171024	46.573	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	=	93.140%	
35) Dibromofluoromethane	5.391	113	146158	46.513	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	93.020%	
50) Toluene-d8	8.653	98	558874	47.867	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	=	95.740%	
62) 4-Bromofluorobenzene	11.079	95	203298	47.917	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	=	95.840%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	223	0.283	ug/l	# 78
13) Acrolein	2.209	56	158	0.203	ug/l	# 64
16) Acetone	2.380	43	1544	0.874	ug/l	# 78
20) Methylene Chloride	2.782	84	783	0.215	ug/l	# 88
29) Tetrahydrofuran	5.019	42	594	0.383	ug/l	# 1
30) Chloroform	5.105	83	5294	0.867	ug/l	# 95
31) Cyclohexane	5.550	56	5412	1.148	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	20748	4.793	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	28392	6.269	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	2258	0.468	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	104362	21.101	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	104362	67.594	ug/l	# 5

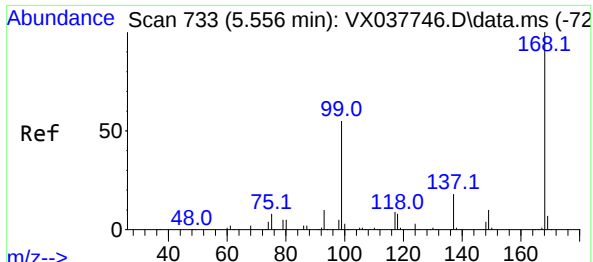
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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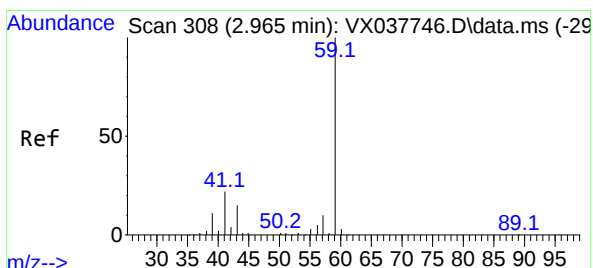
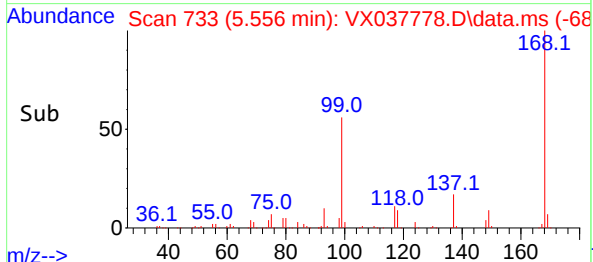
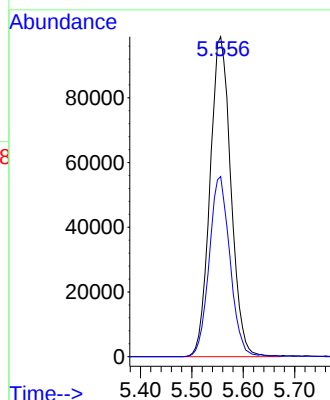
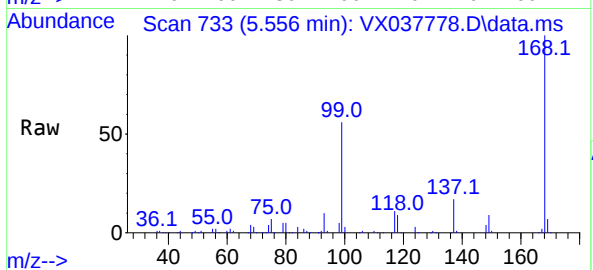




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037778.D
Acq: 18 Sep 2023 15:40

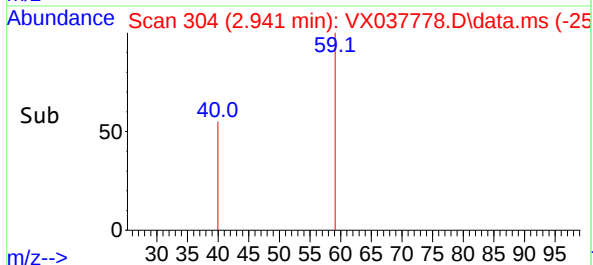
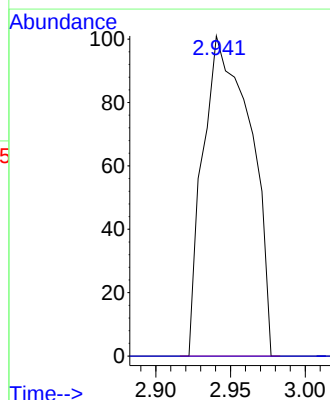
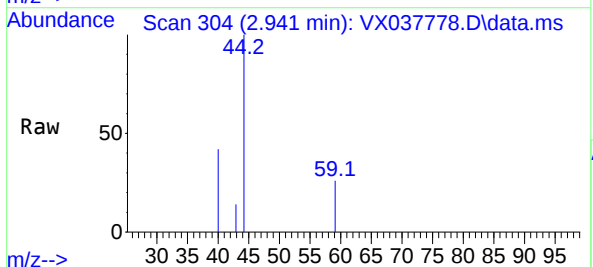
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20230913

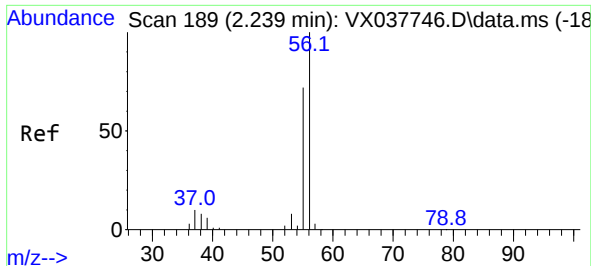
Tgt Ion:168 Resp: 279500
Ion Ratio Lower Upper
168 100
99 56.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.283 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX037778.D
Acq: 18 Sep 2023 15:40

Tgt Ion: 59 Resp: 223
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

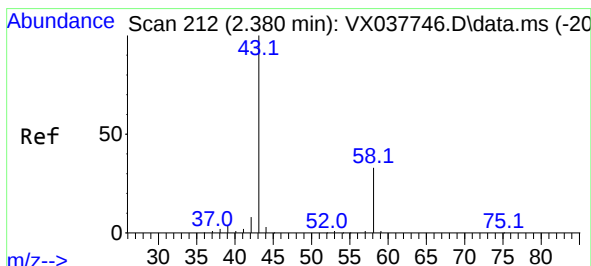
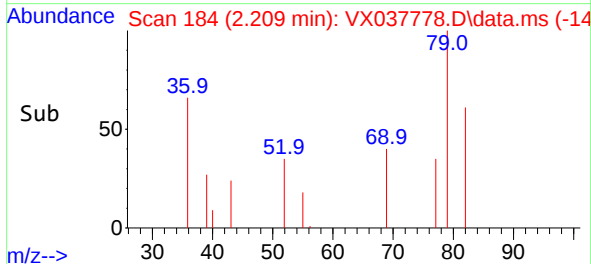
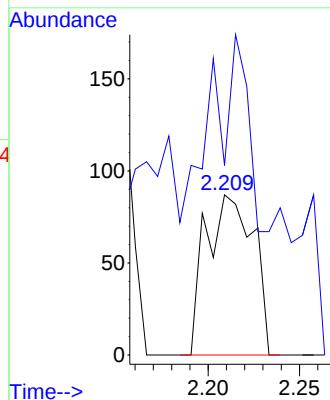
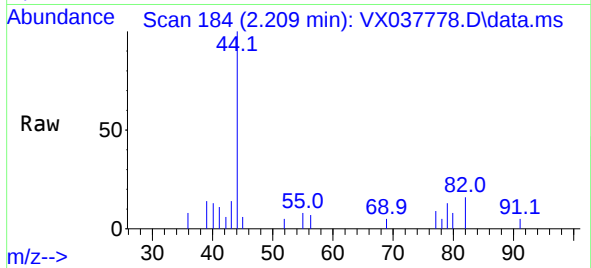




#13
Acrolein
Concen: 0.203 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX037778.D
Acq: 18 Sep 2023 15:40

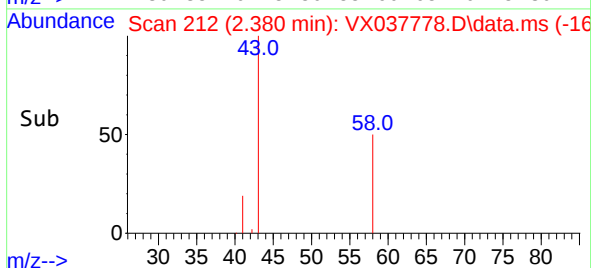
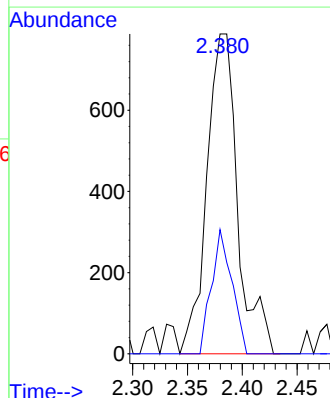
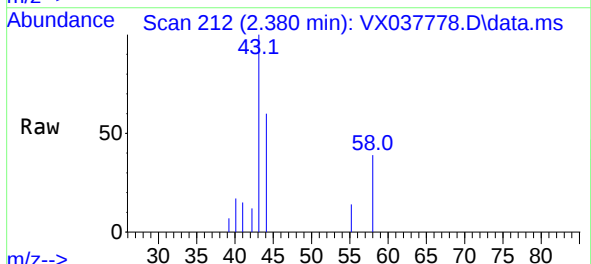
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20230913

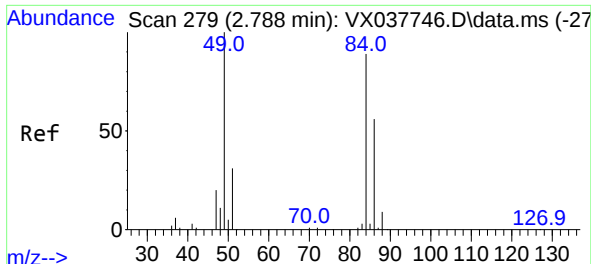
Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
55 101.3 57.1 85.7#



#16
Acetone
Concen: 0.874 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037778.D
Acq: 18 Sep 2023 15:40

Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
58 38.8 21.9 32.9#





#20

Methylene Chloride

Concen: 0.215 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX037778.D

Acq: 18 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-EB-20230913

Tgt Ion: 84 Resp: 783

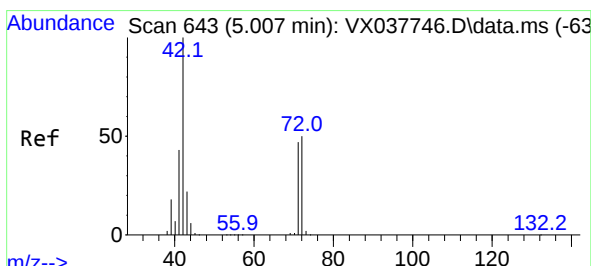
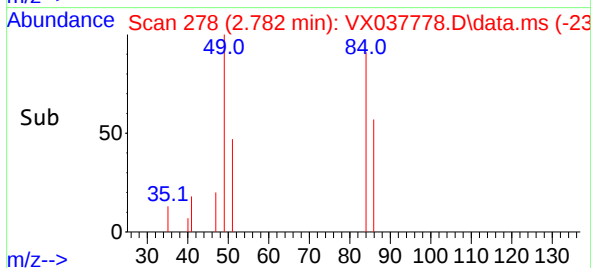
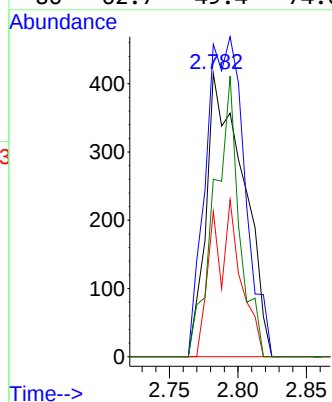
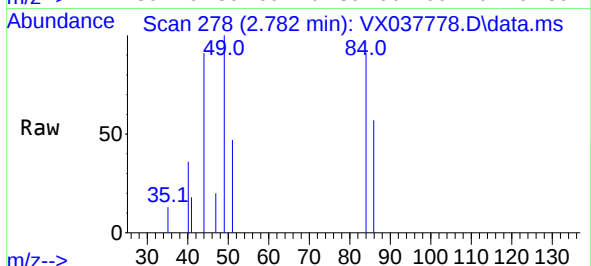
Ion Ratio Lower Upper

84 100

49 110.4 103.6 155.4

51 51.3 33.8 50.6#

86 62.7 49.4 74.0



#29

Tetrahydrofuran

Concen: 0.383 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX037778.D

Acq: 18 Sep 2023 15:40

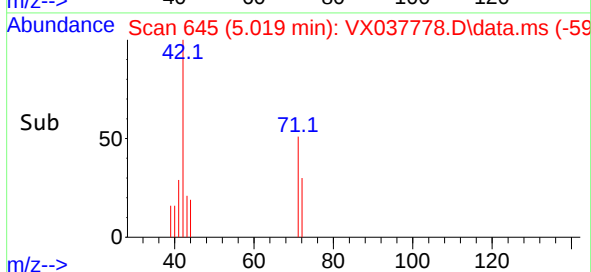
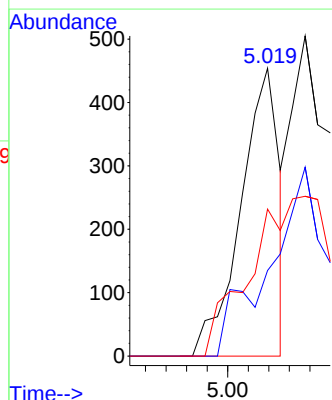
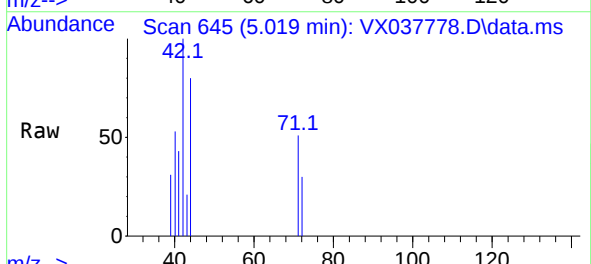
Tgt Ion: 42 Resp: 594

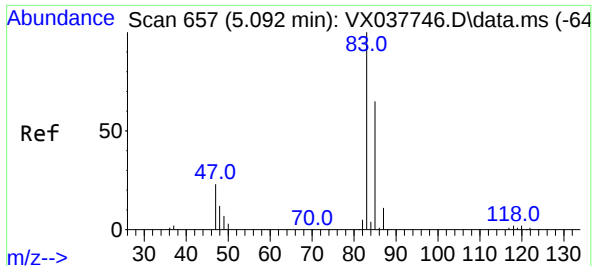
Ion Ratio Lower Upper

42 100

72 123.6 34.2 51.4#

71 118.0 32.2 48.2#





#30

Chloroform

Concen: 0.867 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX037778.D

Acq: 18 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

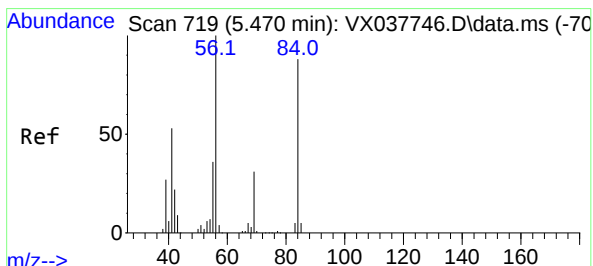
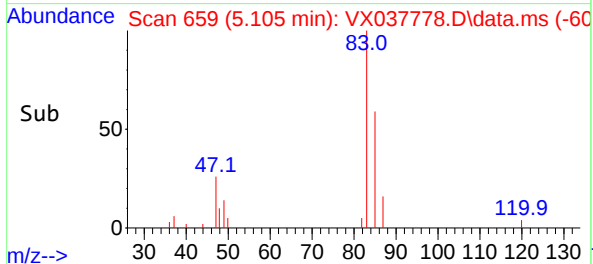
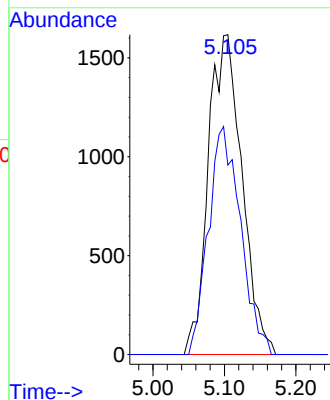
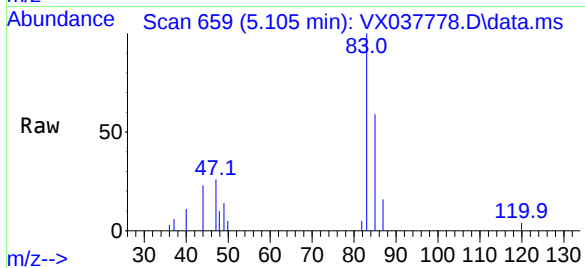
BP-VPB-RW10A-EB-20230913

Tgt Ion: 83 Resp: 5294

Ion Ratio Lower Upper

83 100

85 59.2 50.3 75.5



#31

Cyclohexane

Concen: 1.148 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037778.D

Acq: 18 Sep 2023 15:40

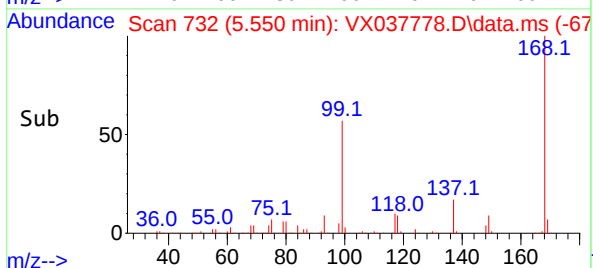
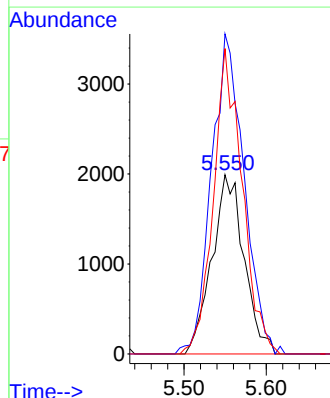
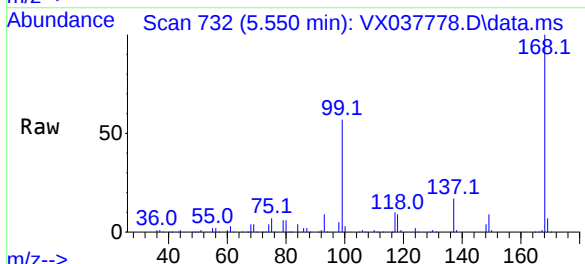
Tgt Ion: 56 Resp: 5412

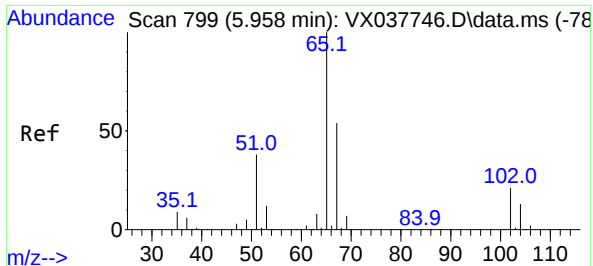
Ion Ratio Lower Upper

56 100

69 175.3 23.4 35.2#

84 170.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.573 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037778.D

Acq: 18 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

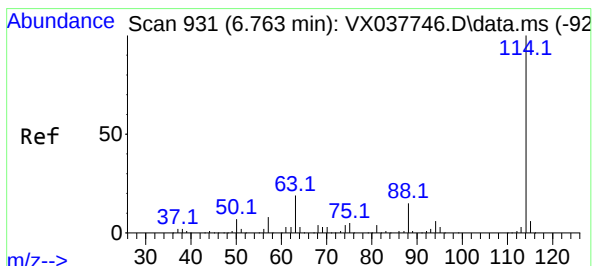
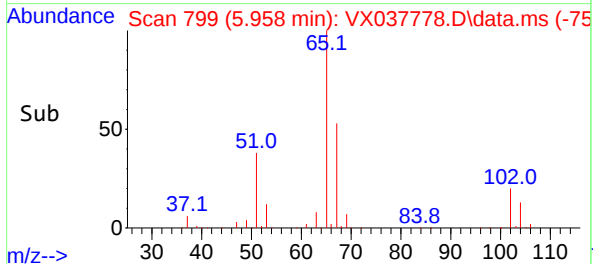
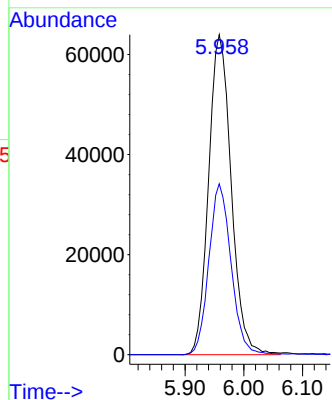
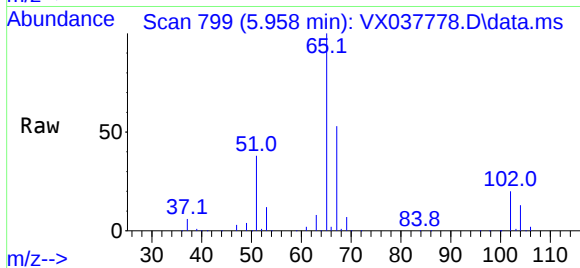
BP-VPB-RW10A-EB-20230913

Tgt Ion: 65 Resp: 171024

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037778.D

Acq: 18 Sep 2023 15:40

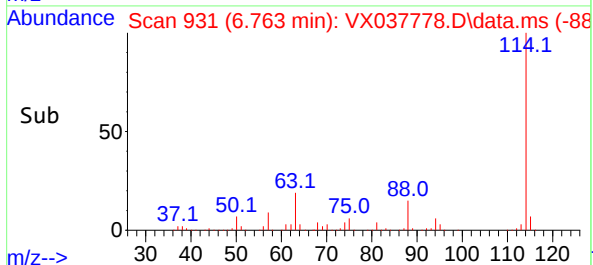
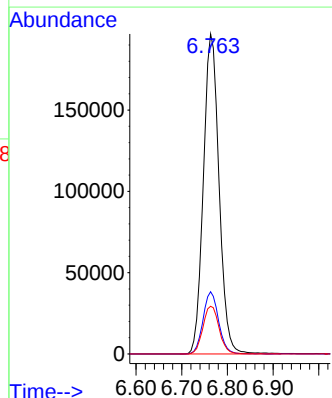
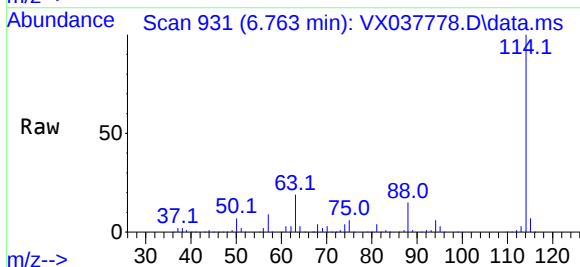
Tgt Ion: 114 Resp: 469628

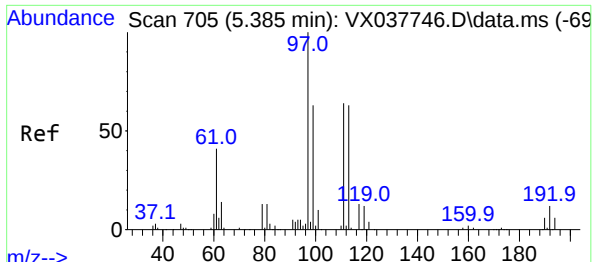
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.513 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037778.D

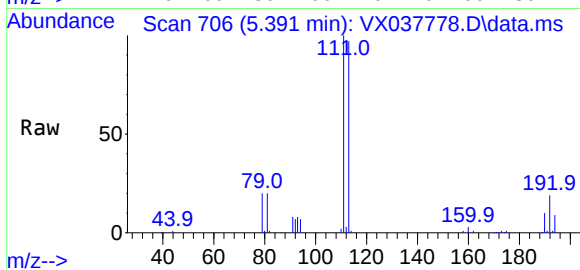
Acq: 18 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-EB-20230913



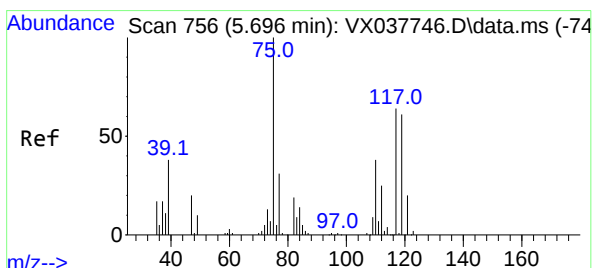
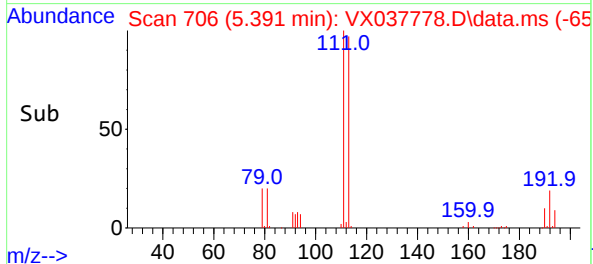
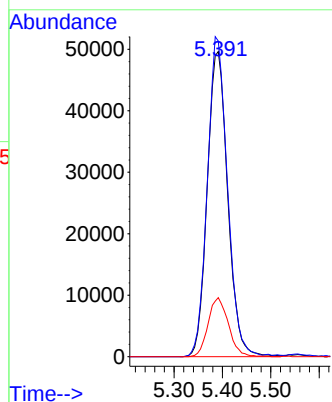
Tgt Ion:113 Resp: 146158

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 19.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.793 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX037778.D

Acq: 18 Sep 2023 15:40

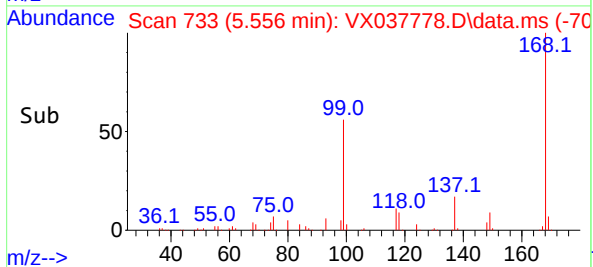
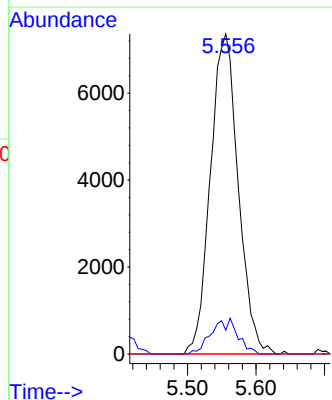
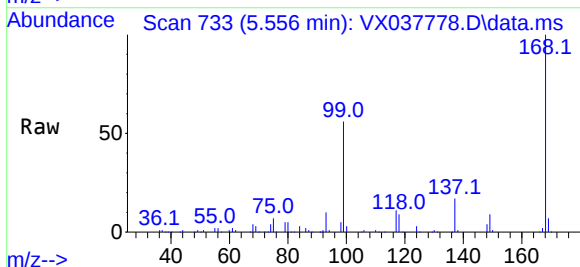
Tgt Ion: 75 Resp: 20748

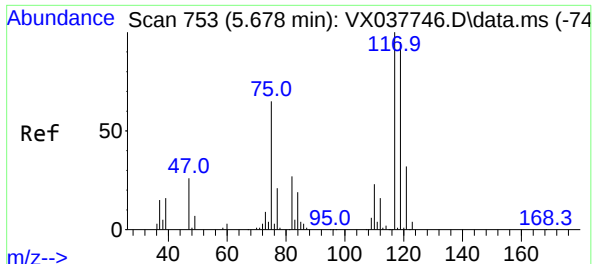
Ion Ratio Lower Upper

75 100

110 10.5 17.0 50.9#

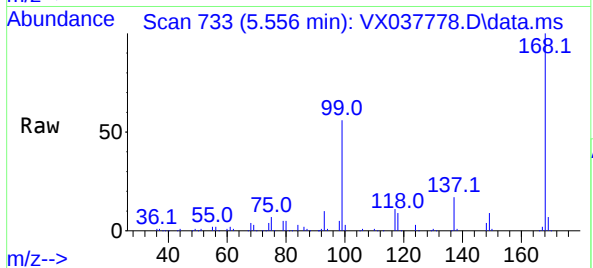
77 0.0 24.7 37.1#



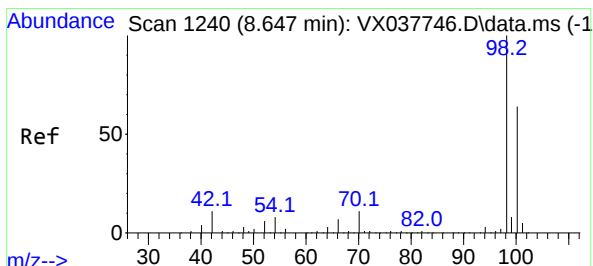
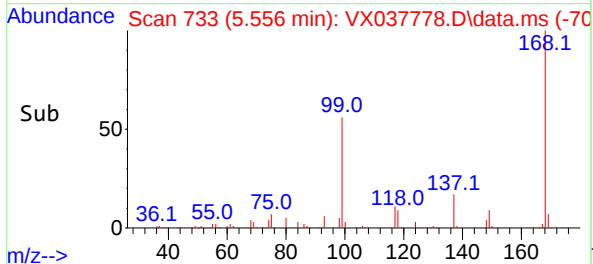
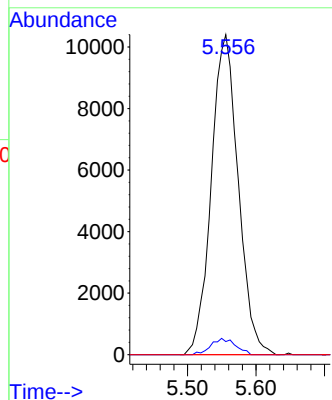


#38
Carbon Tetrachloride
Concen: 6.269 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037778.D
Acq: 18 Sep 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20230913

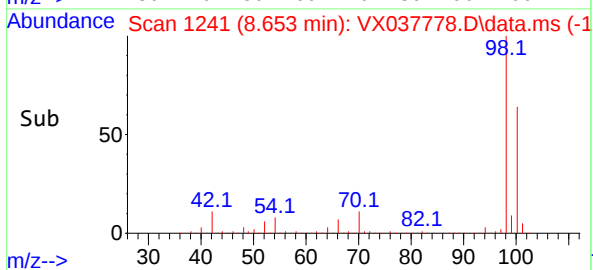
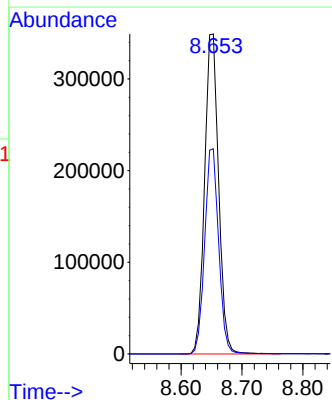
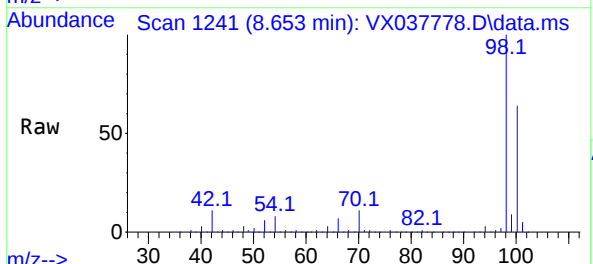


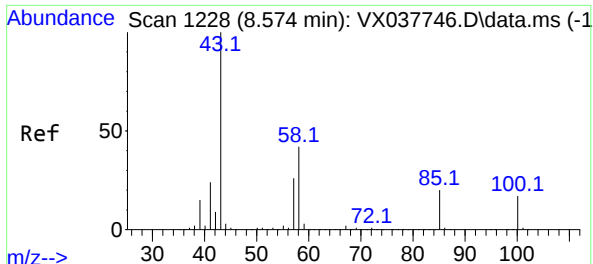
Tgt Ion:117 Resp: 28392
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.867 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037778.D
Acq: 18 Sep 2023 15:40

Tgt Ion: 98 Resp: 558874
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

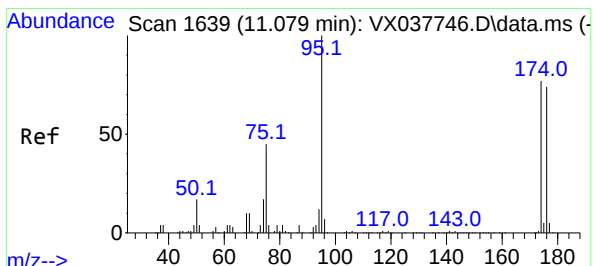
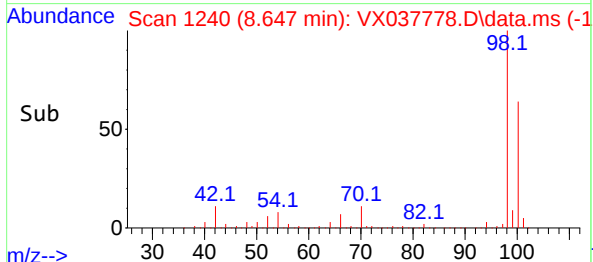
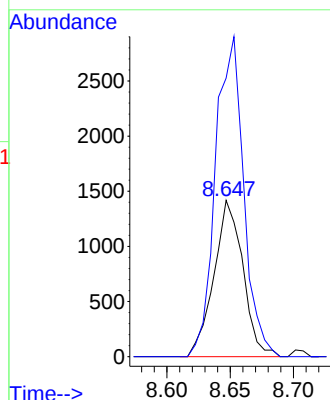
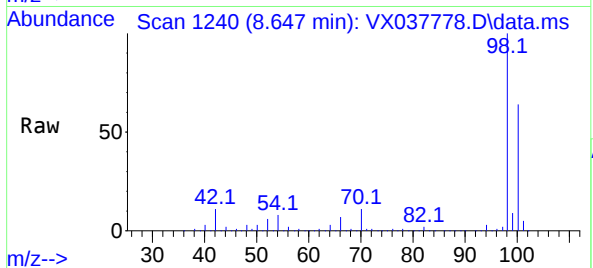




#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037778.D
Acq: 18 Sep 2023 15:40

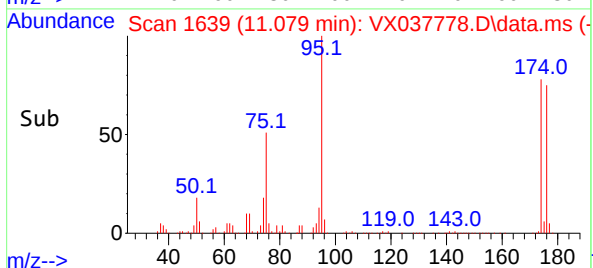
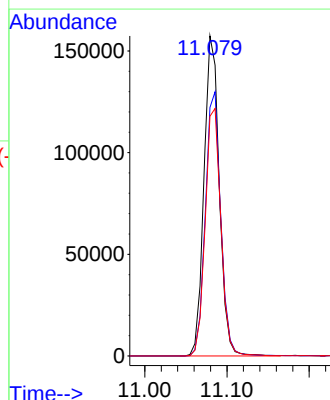
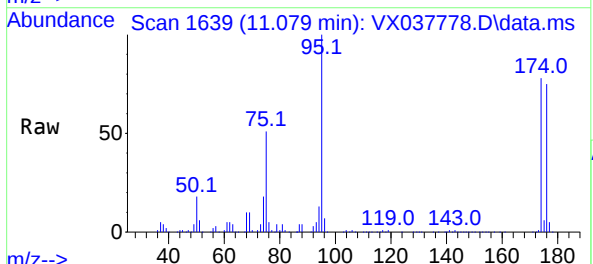
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20230913

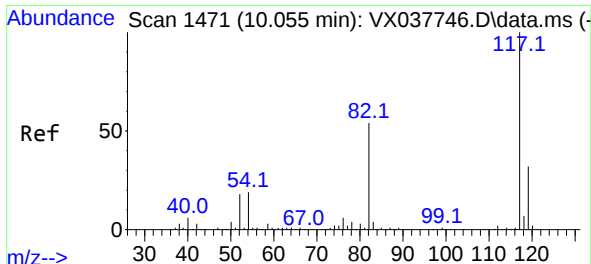
Tgt Ion: 43 Resp: 2258
Ion Ratio Lower Upper
43 100
58 199.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037778.D
Acq: 18 Sep 2023 15:40

Tgt Ion: 95 Resp: 203298
Ion Ratio Lower Upper
95 100
174 83.2 0.0 135.6
176 79.5 0.0 131.0

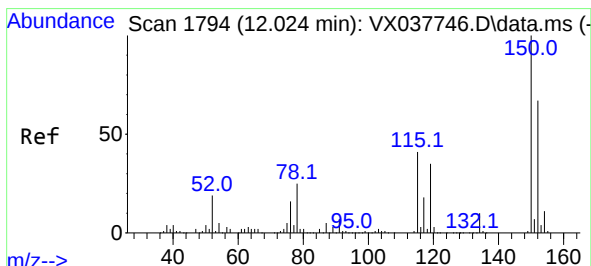
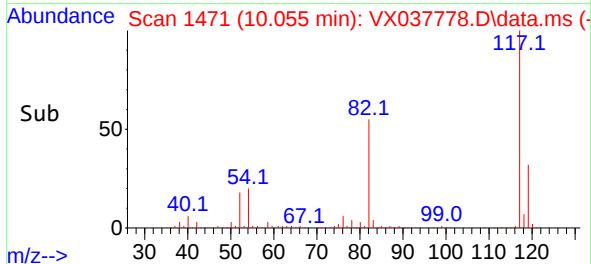
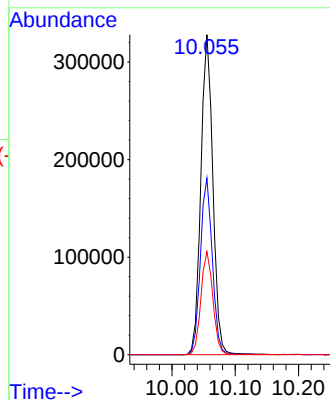
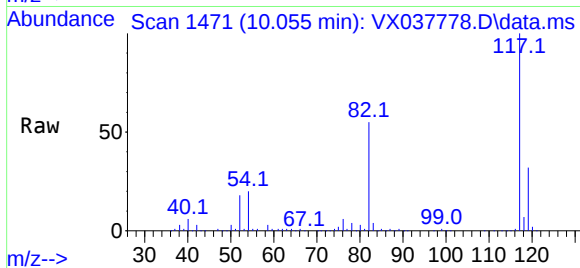




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037778.D
Acq: 18 Sep 2023 15:40

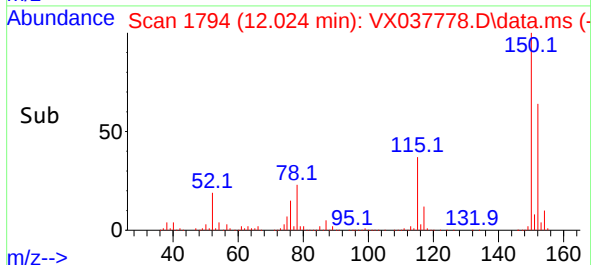
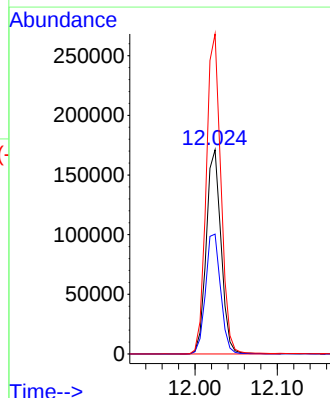
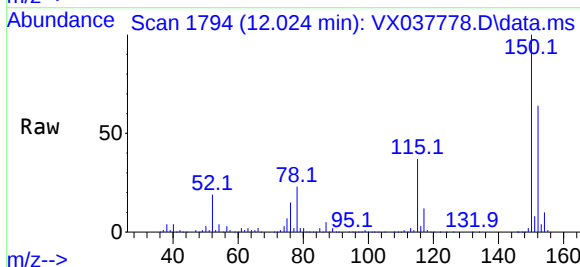
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20230913

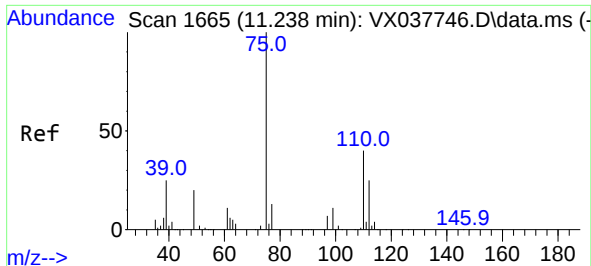
Tgt Ion:117 Resp: 434627
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037778.D
Acq: 18 Sep 2023 15:40

Tgt Ion:152 Resp: 213836
Ion Ratio Lower Upper
152 100
115 59.9 43.3 129.9
150 155.8 0.0 345.0

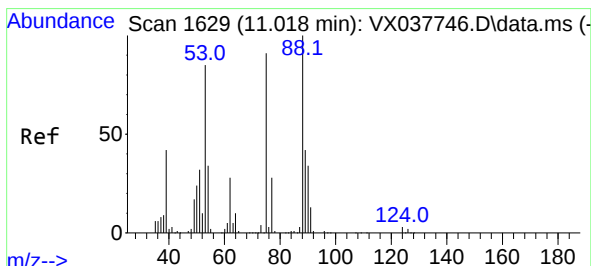
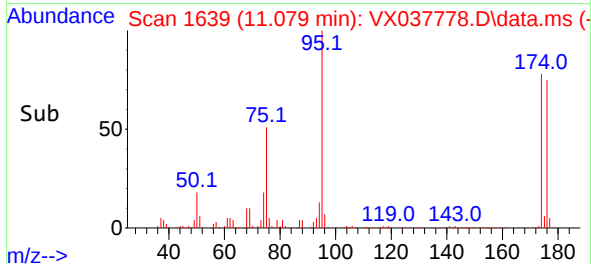
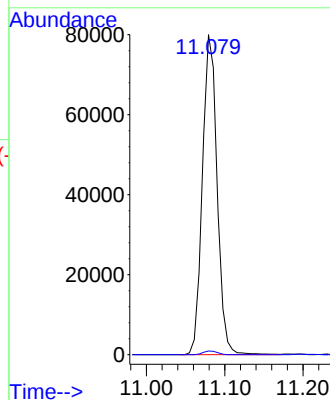
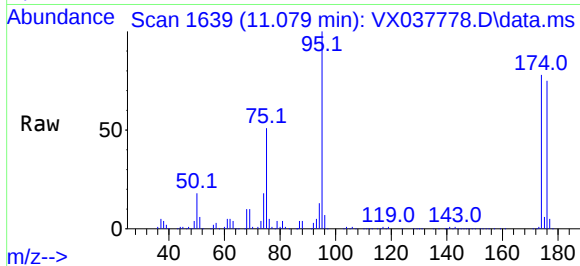




#76
1,2,3-Trichloropropane
Concen: 21.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037778.D
Acq: 18 Sep 2023 15:40

Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW10A-EB-20230913

Tgt Ion: 75 Resp: 104362
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.594 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037778.D
Acq: 18 Sep 2023 15:40

Tgt Ion: 75 Resp: 104362
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

