

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034111.D
 Acq On : 10 Feb 2023 13:55
 Operator : JC/MD
 Sample : 01519-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-638-640

Quant Time: Feb 11 00:33:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

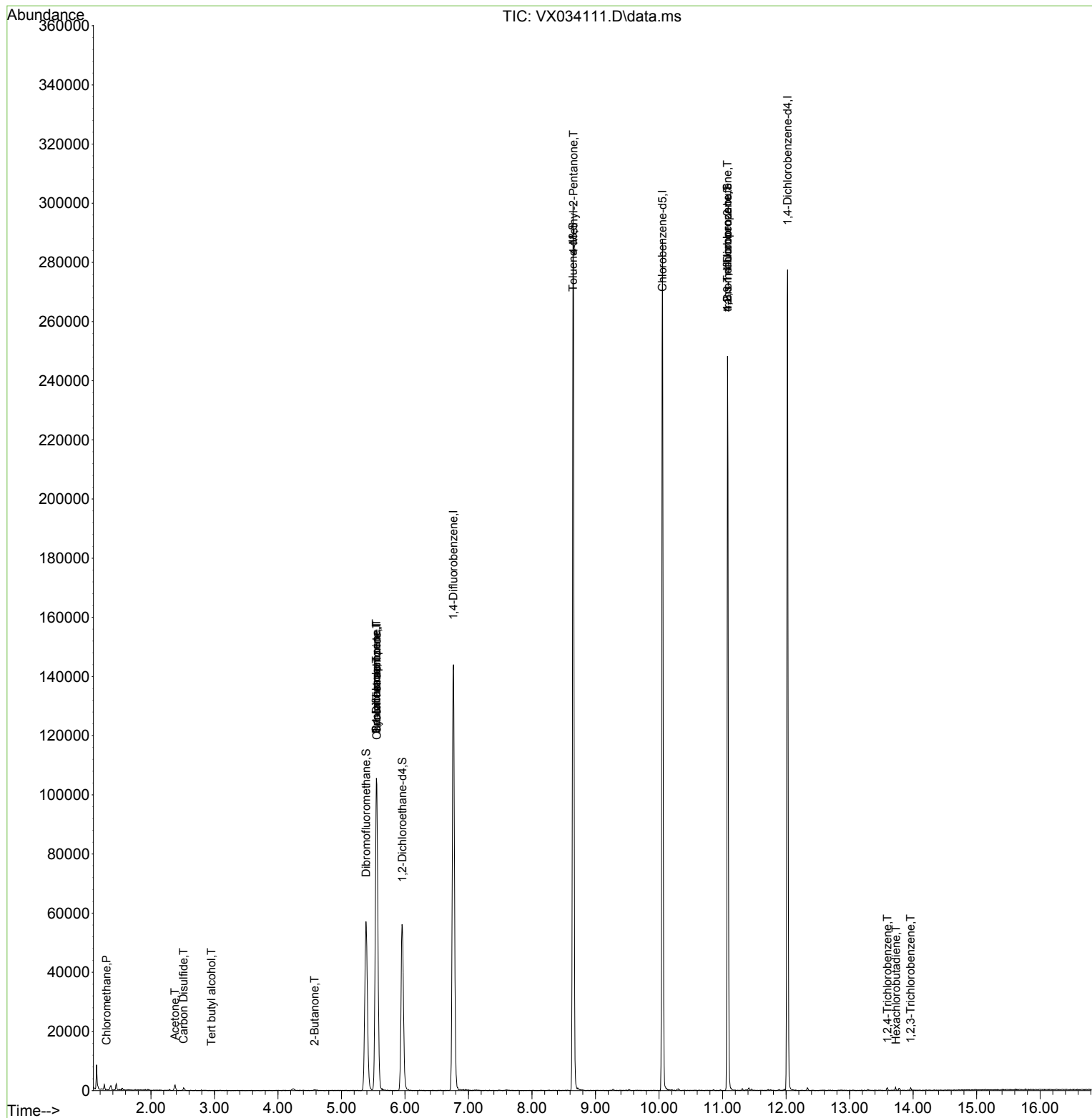
Internal Standards						
1) Pentafluorobenzene	5.550	168	114759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56195	50.794	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.580%	
35) Dibromofluoromethane	5.385	113	50588	49.654	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.300%	
50) Toluene-d8	8.647	98	181734	49.509	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.020%	
62) 4-Bromofluorobenzene	11.079	95	63021	48.070	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	187	0.212	ug/l #	43
11) Tert butyl alcohol	2.953	59	38	0.245	ug/l #	86
16) Acetone	2.380	43	2041	4.368	ug/l #	89
17) Carbon Disulfide	2.514	76	794	0.333	ug/l #	76
25) 2-Butanone	4.574	43	239	0.351	ug/l #	51
31) Cyclohexane	5.550	56	1733	1.076	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6555	4.693	ug/l #	48
38) Carbon Tetrachloride	5.556	117	9976	6.696	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	712	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29523	25.647	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	29523	78.985	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.597	180	391	0.249	ug/l	87
94) Hexachlorobutadiene	13.731	225	293	0.377	ug/l	82
96) 1,2,3-Trichlorobenzene	13.963	180	321	0.203	ug/l #	74

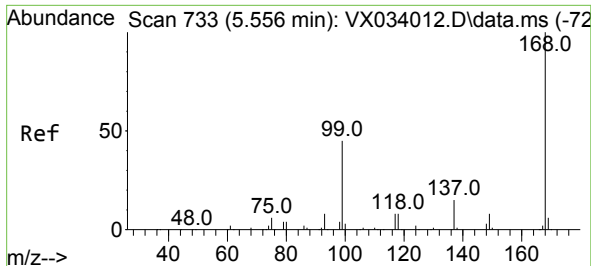
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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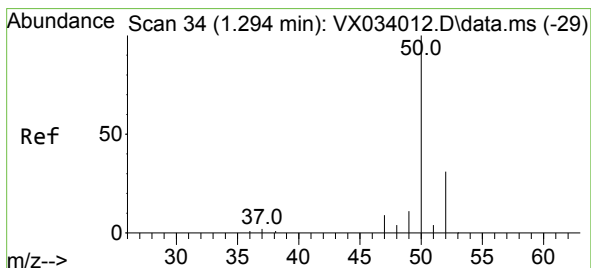
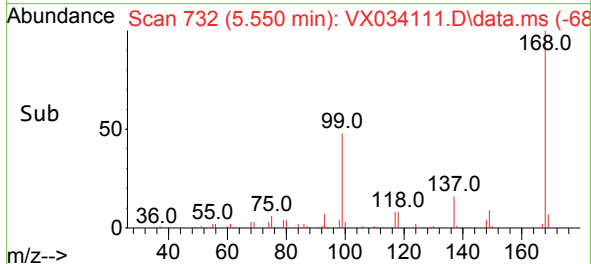
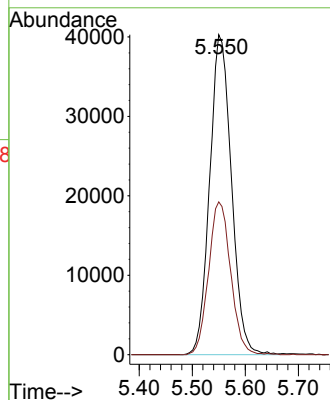
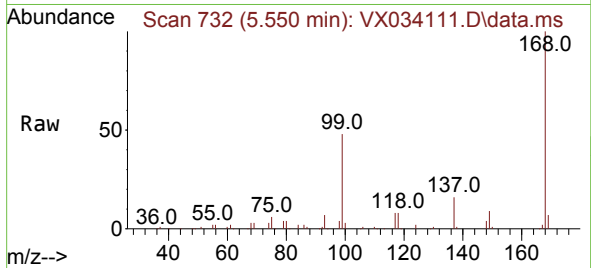




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

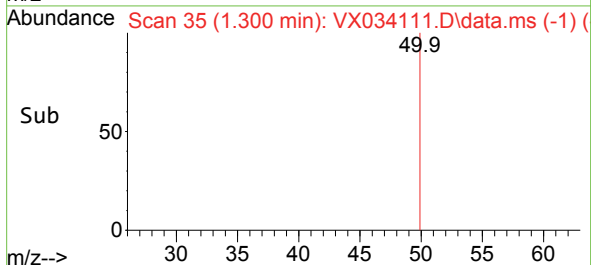
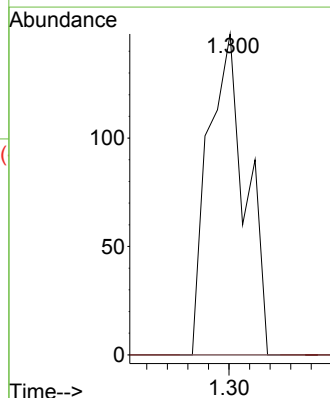
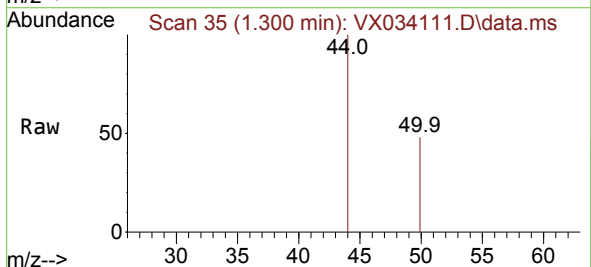
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-638-640

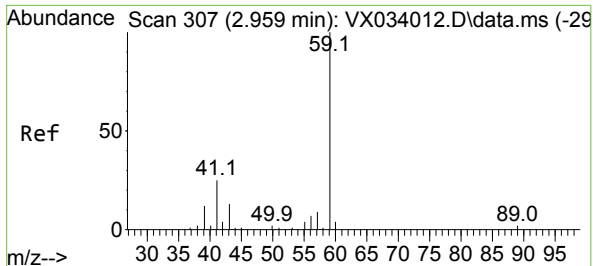
Tgt Ion:168 Resp: 114759
Ion Ratio Lower Upper
168 100
99 47.7 39.6 59.4



#3
Chloromethane
Concen: 0.212 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

Tgt Ion: 50 Resp: 187
Ion Ratio Lower Upper
50 100
52 0.0 25.2 37.8#





#11

Tert butyl alcohol

Concen: 0.245 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.006 min

Lab File: VX034111.D

Acq: 10 Feb 2023 13:55

Instrument :

MSVOA_X

ClientSampleId :

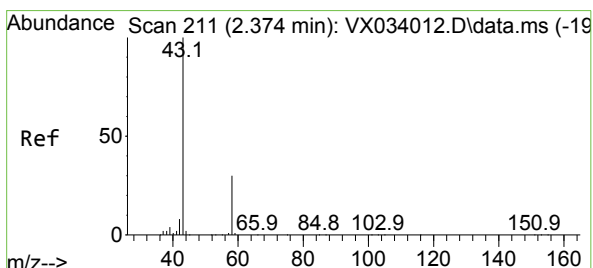
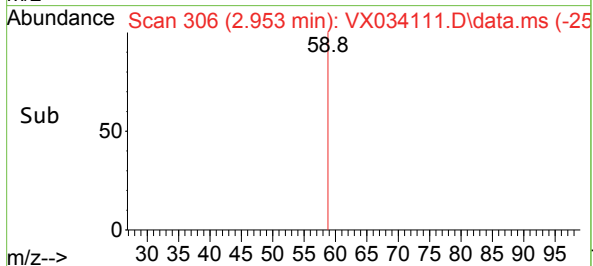
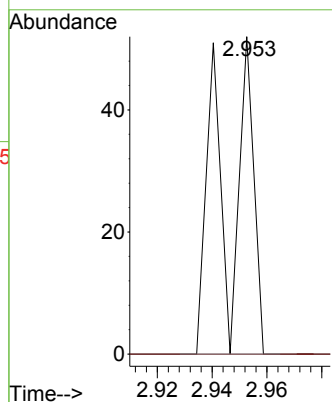
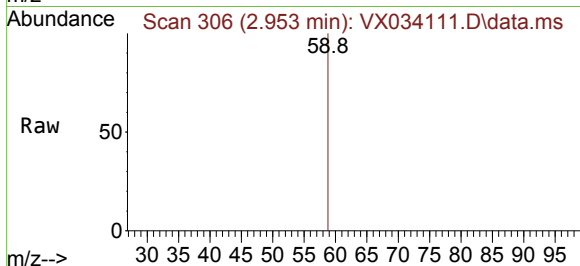
BP-VPB-RW10-GW-638-640

Tgt Ion: 59 Resp: 38

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#16

Acetone

Concen: 4.368 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034111.D

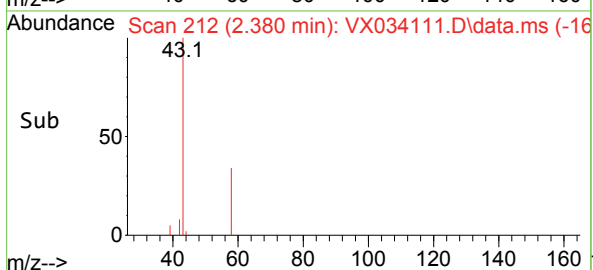
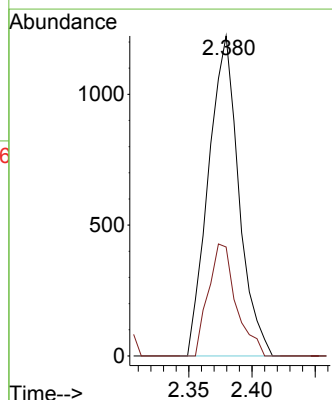
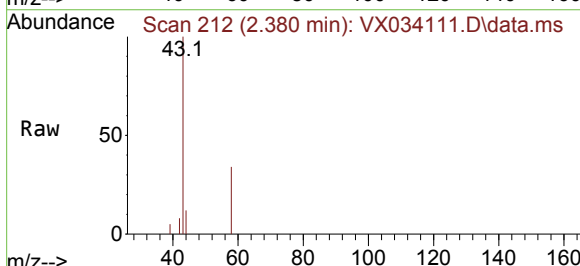
Acq: 10 Feb 2023 13:55

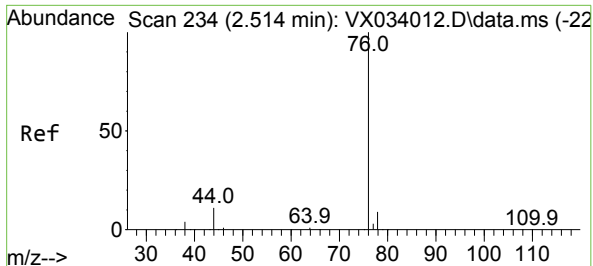
Tgt Ion: 43 Resp: 2041

Ion Ratio Lower Upper

43 100

58 34.0 22.6 33.8#





#17

Carbon Disulfide

Concen: 0.333 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034111.D

Acq: 10 Feb 2023 13:55

Instrument :

MSVOA_X

ClientSampleId :

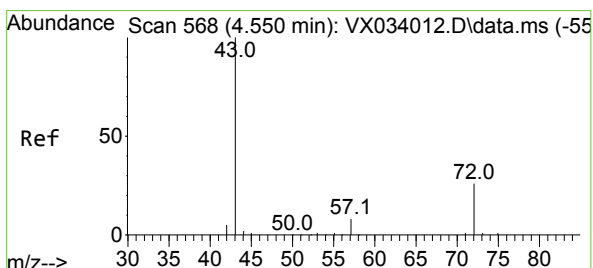
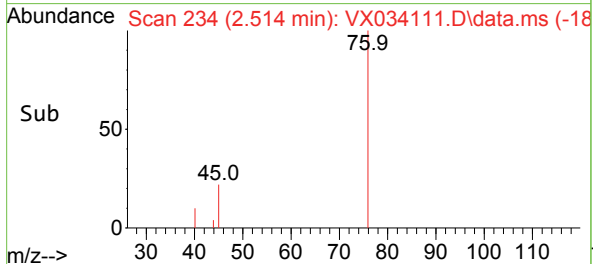
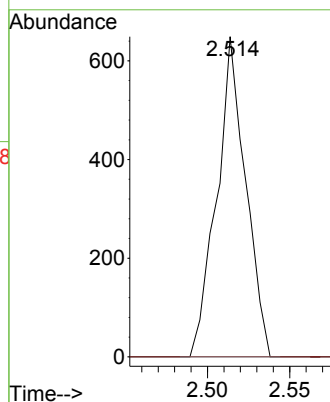
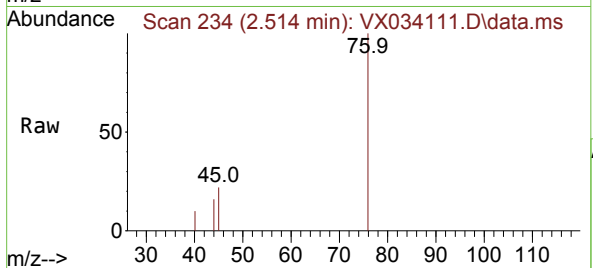
BP-VPB-RW10-GW-638-640

Tgt Ion: 76 Resp: 794

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#25

2-Butanone

Concen: 0.351 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.024 min

Lab File: VX034111.D

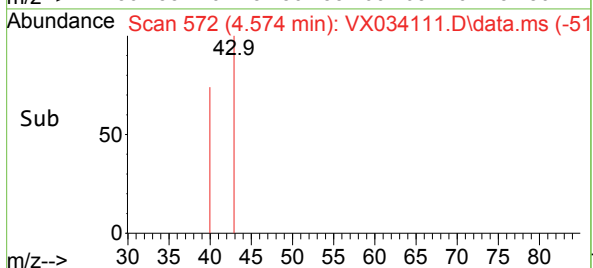
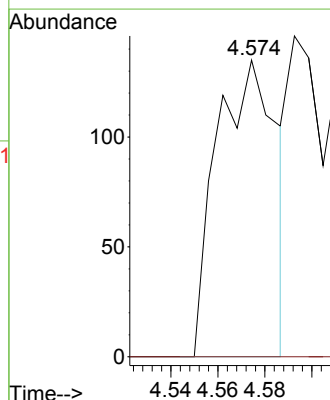
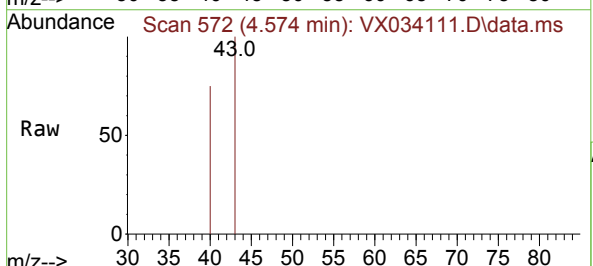
Acq: 10 Feb 2023 13:55

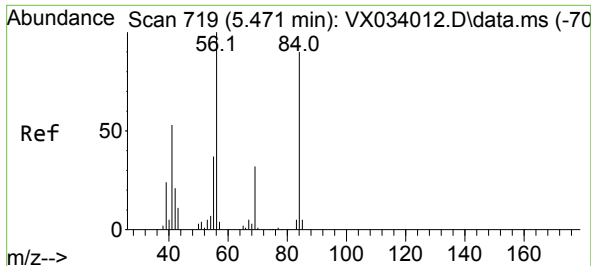
Tgt Ion: 43 Resp: 239

Ion Ratio Lower Upper

43 100

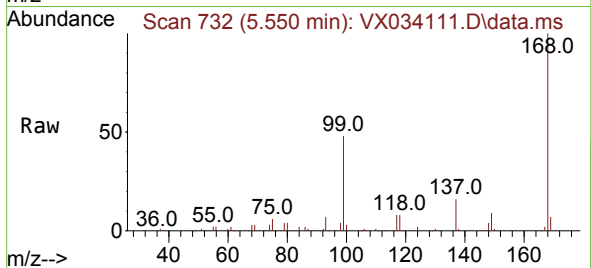
72 0.0 19.4 29.2#



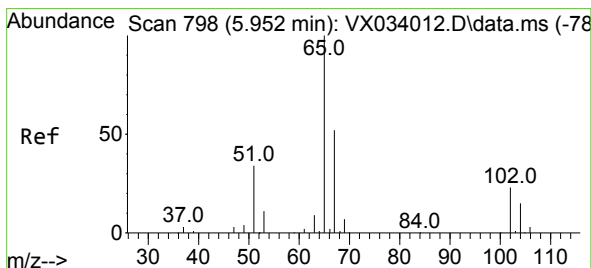
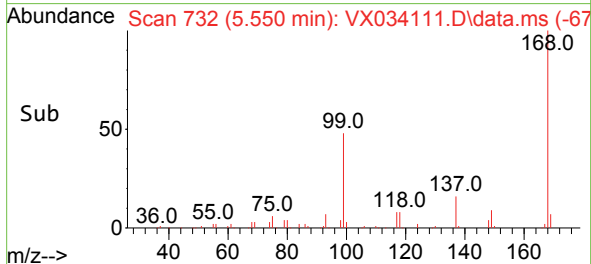
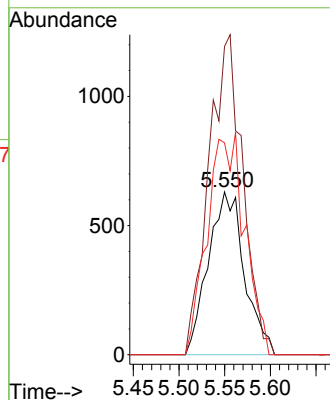


#31
Cyclohexane
Concen: 1.076 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-638-640

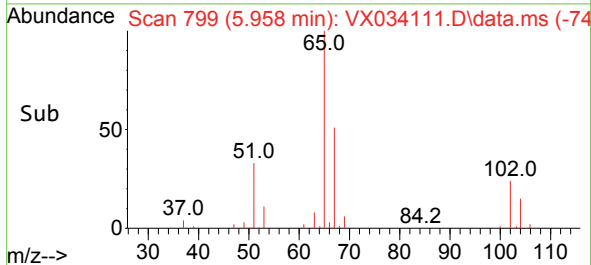
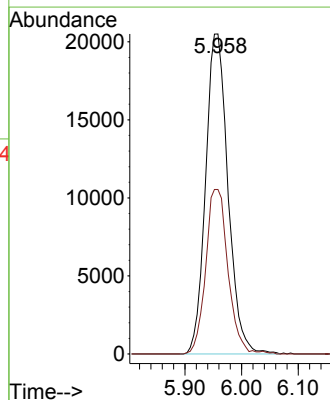
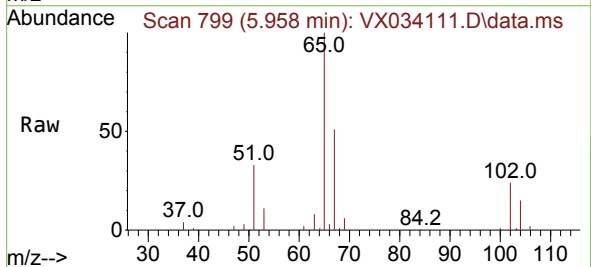


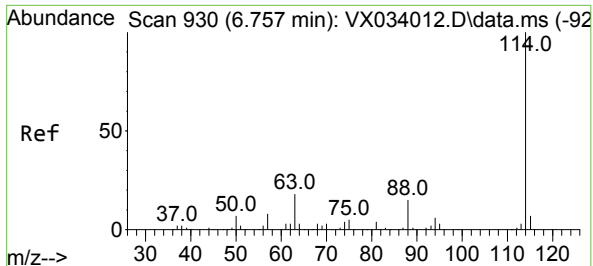
Tgt Ion: 56 Resp: 1733
Ion Ratio Lower Upper
56 100
69 189.4 24.6 37.0#
84 130.2 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 50.794 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

Tgt Ion: 65 Resp: 56195
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

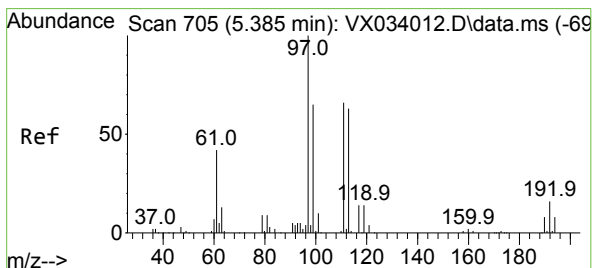
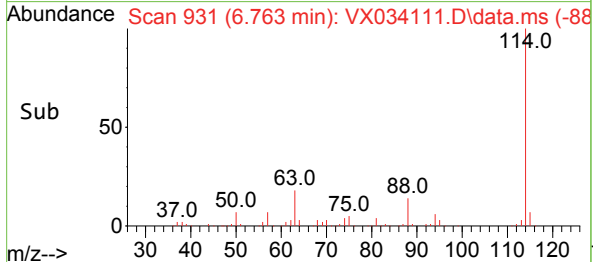
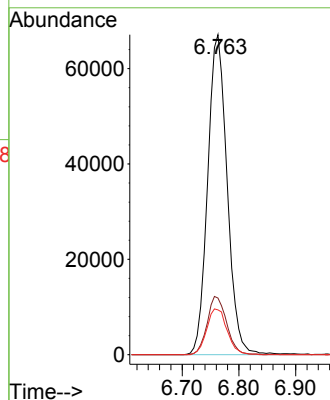
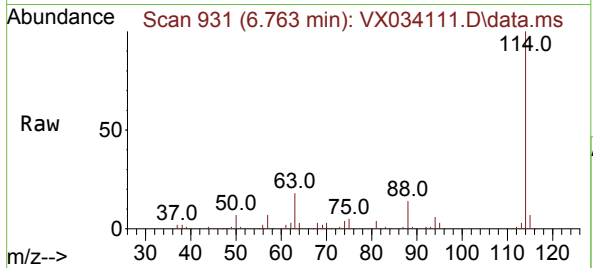




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

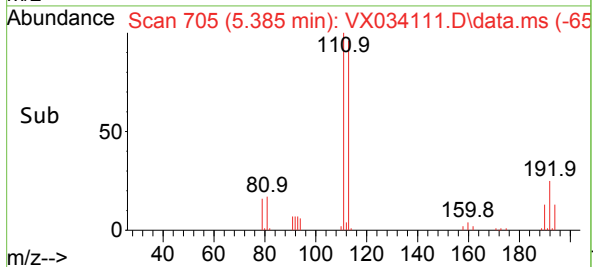
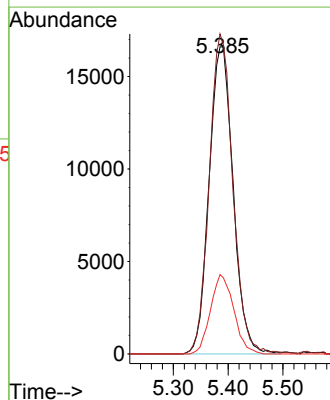
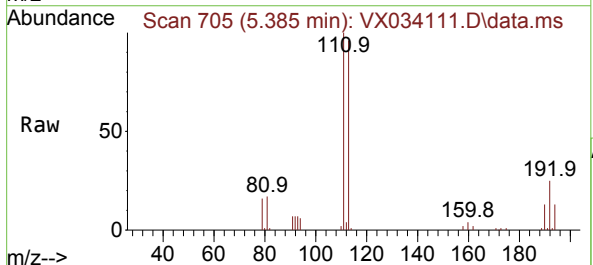
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-638-640

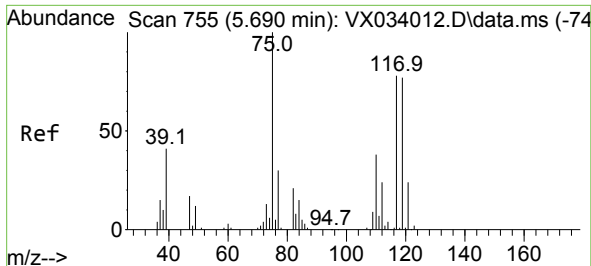
Tgt Ion:114 Resp: 160083
Ion Ratio Lower Upper
114 100
63 17.7 0.0 37.4
88 14.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.654 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

Tgt Ion:113 Resp: 50588
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.6
192 25.0 19.0 28.4

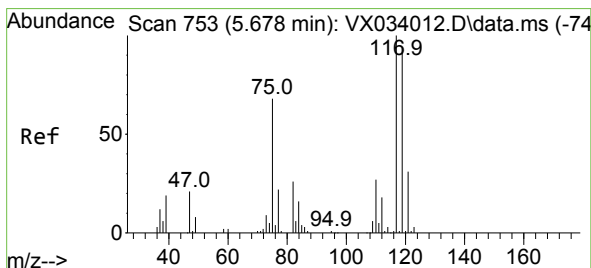
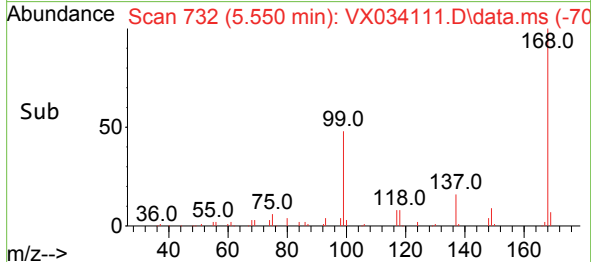
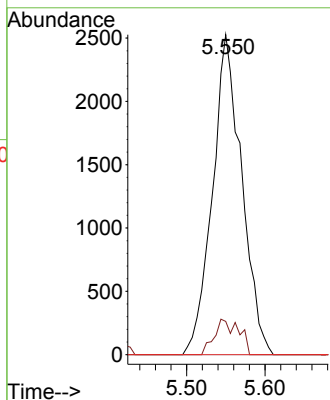
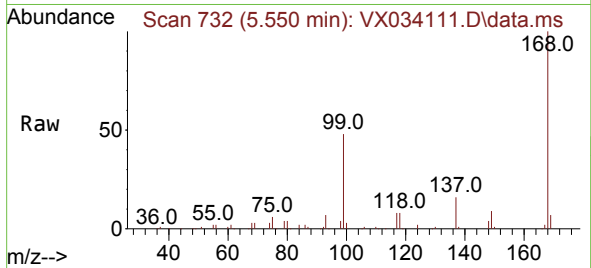




#36
1,1-Dichloropropene
Concen: 4.693 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

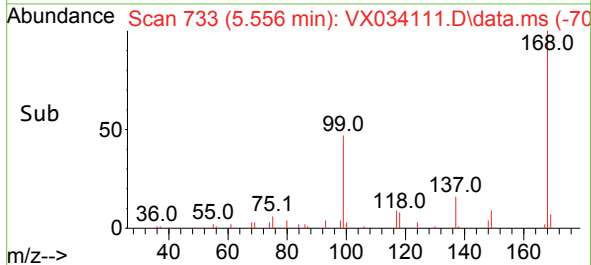
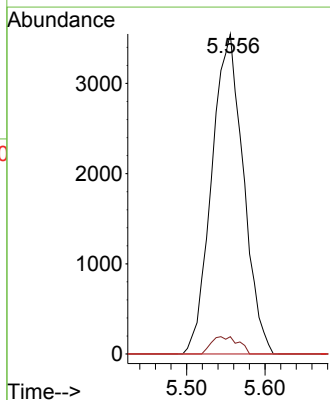
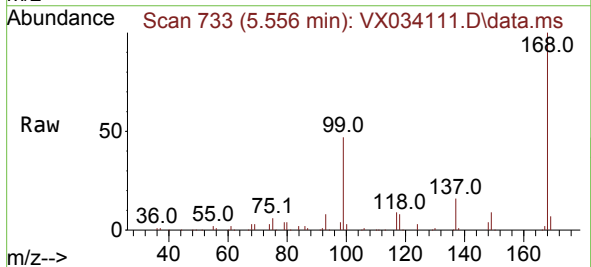
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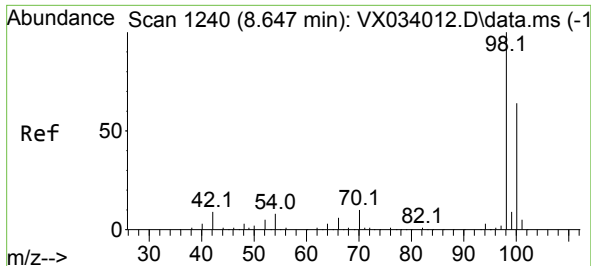
Tgt Ion: 75 Resp: 6555
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.696 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

Tgt Ion: 117 Resp: 9976
Ion Ratio Lower Upper
117 100
119 5.4 78.0 117.0#
121 0.0 24.4 36.6#

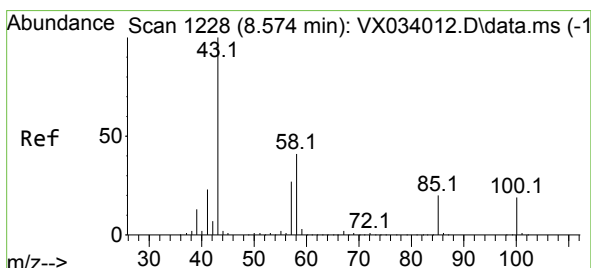
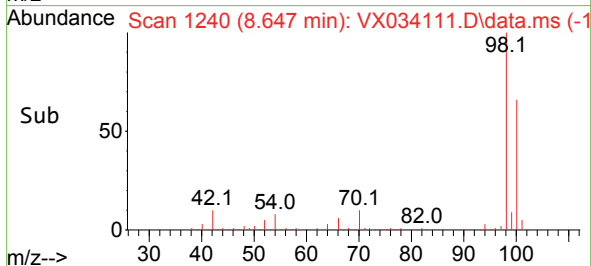
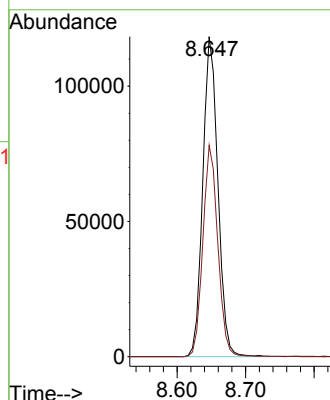
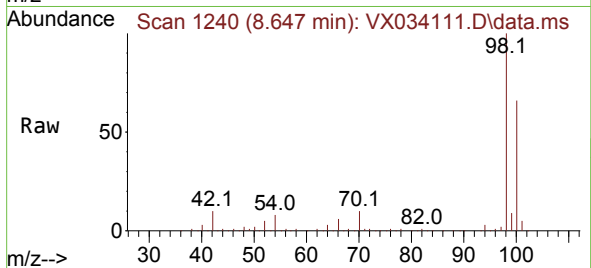




#50
Toluene-d8
Concen: 49.509 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

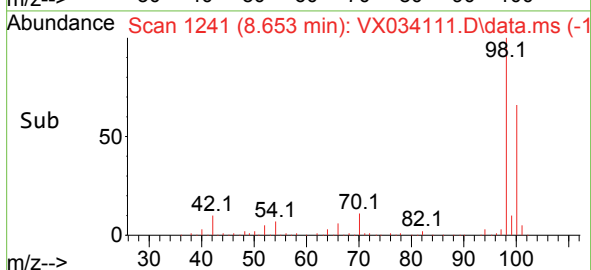
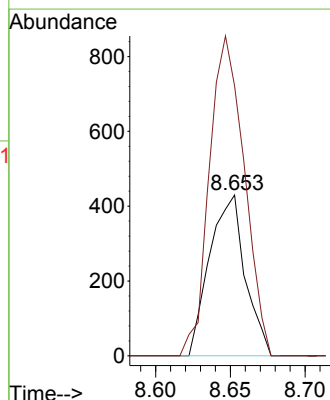
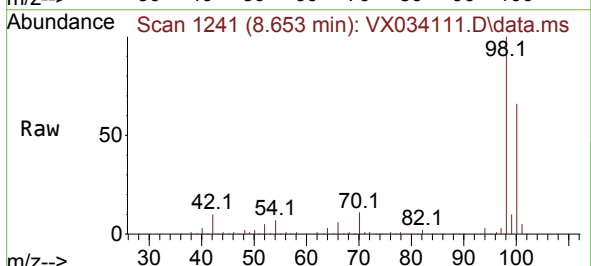
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-638-640

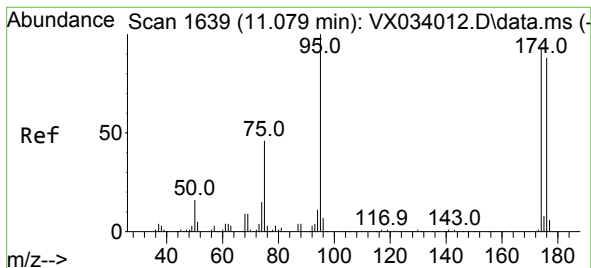
Tgt Ion: 98 Resp: 181734
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
58 194.8 31.2 46.8#

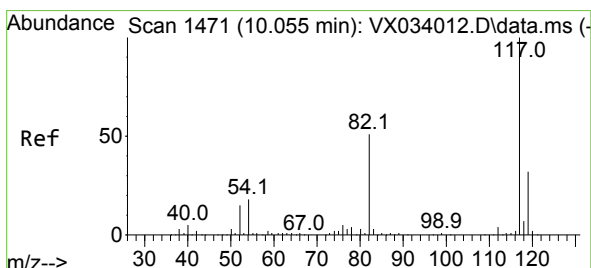
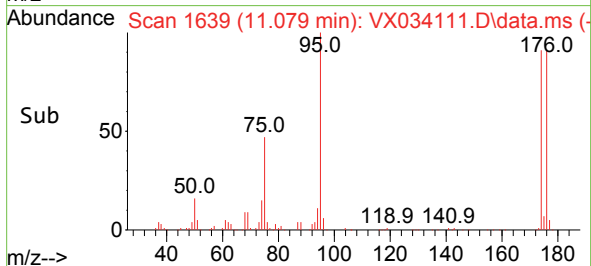
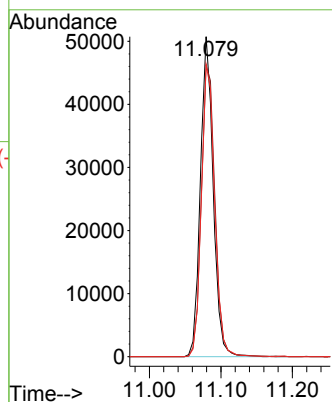
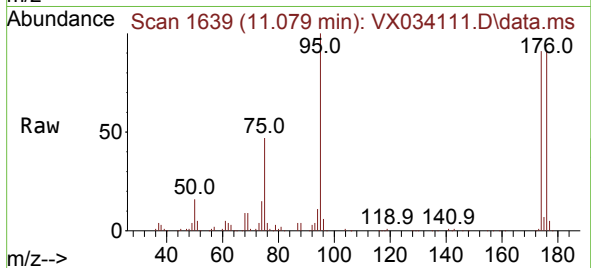




#62
4-Bromofluorobenzene
Concen: 48.070 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

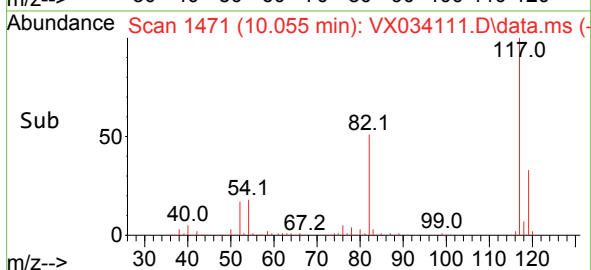
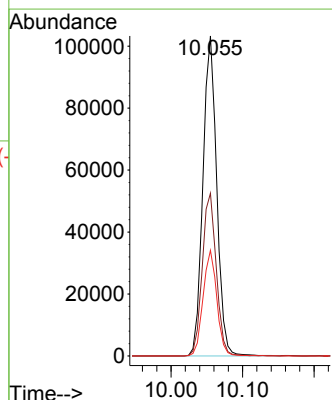
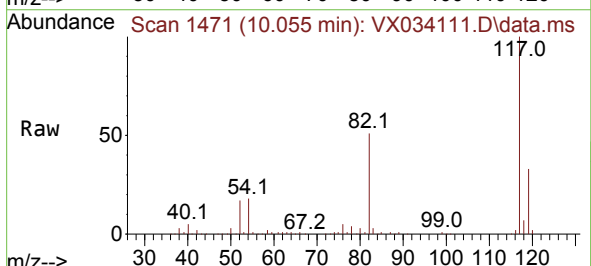
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-638-640

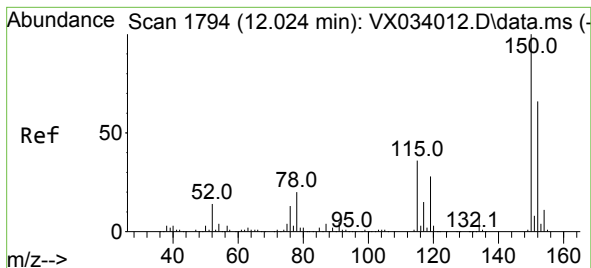
Tgt Ion: 95 Resp: 63021
Ion Ratio Lower Upper
95 100
174 96.7 0.0 184.4
176 94.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

Tgt Ion: 117 Resp: 138639
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 33.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034111.D

Acq: 10 Feb 2023 13:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-638-640

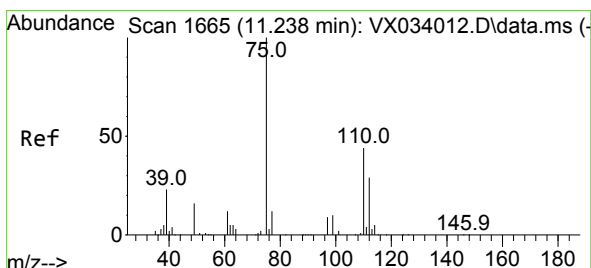
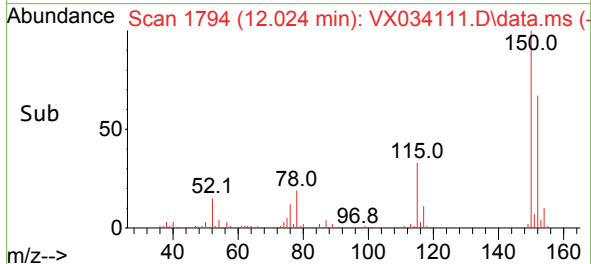
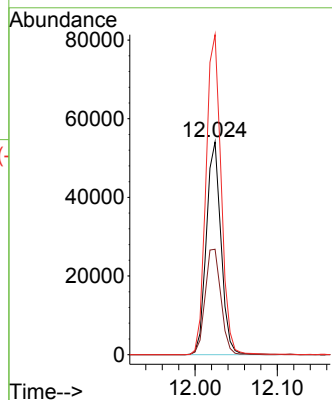
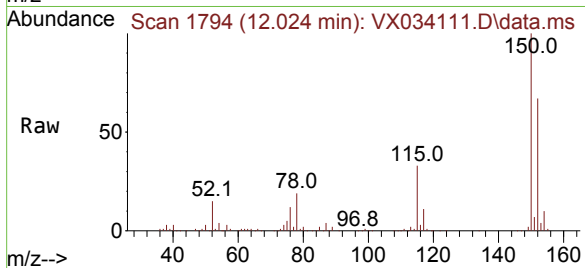
Tgt Ion:152 Resp: 67039

Ion Ratio Lower Upper

152 100

115 53.4 38.7 116.1

150 155.1 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 25.647 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034111.D

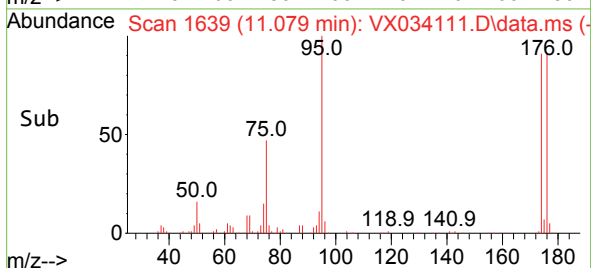
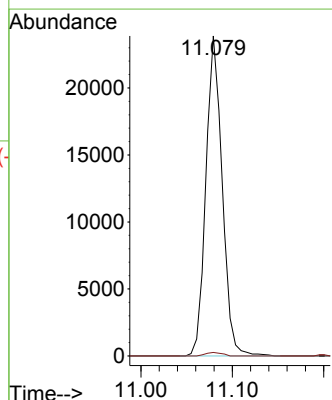
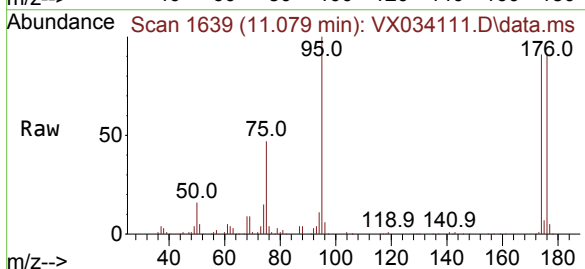
Acq: 10 Feb 2023 13:55

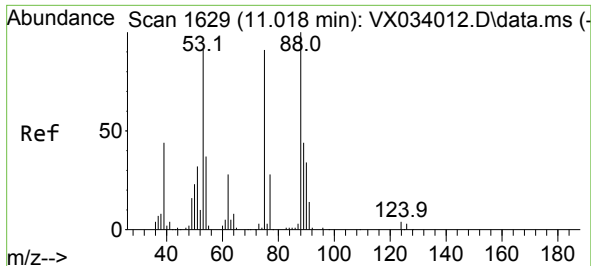
Tgt Ion: 75 Resp: 29523

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#

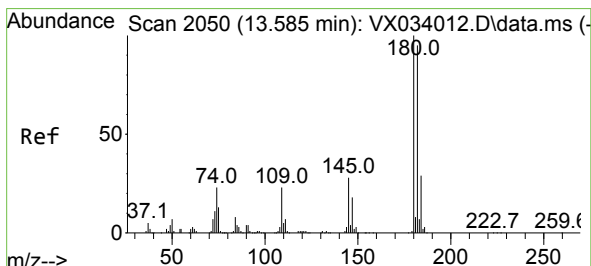
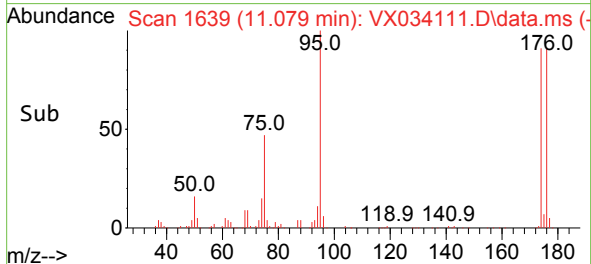
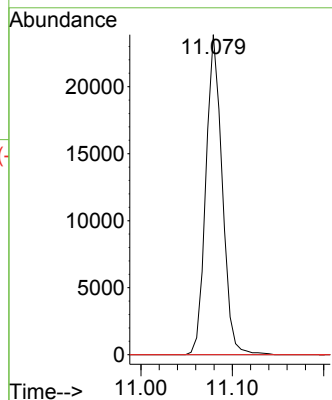
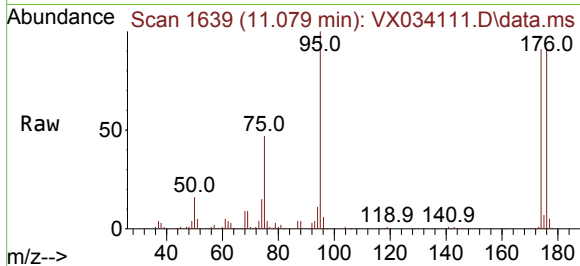




#81
trans-1,4-Dichloro-2-butene
Concen: 78.985 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

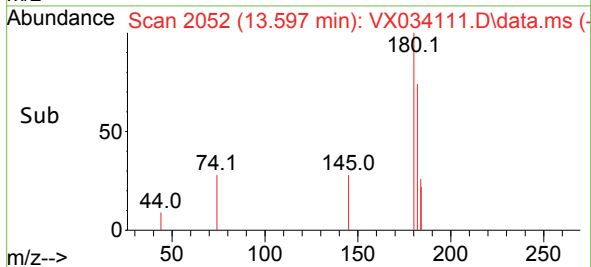
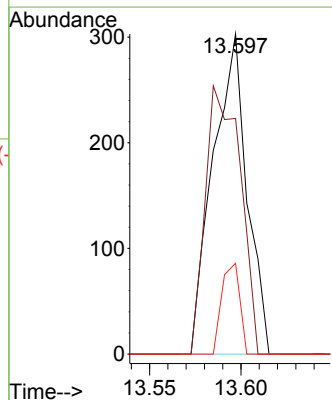
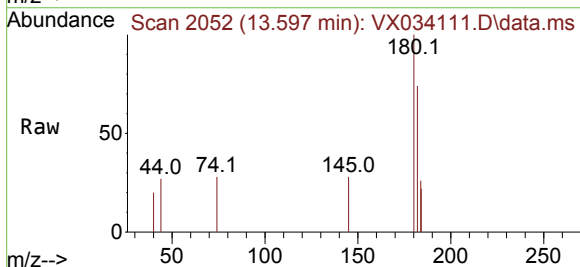
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-638-640

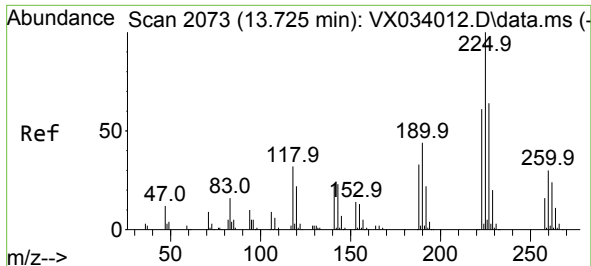
Tgt Ion: 75 Resp: 29523
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.249 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

Tgt Ion: 180 Resp: 391
Ion Ratio Lower Upper
180 100
182 86.2 47.9 143.6
145 15.1 14.1 42.2

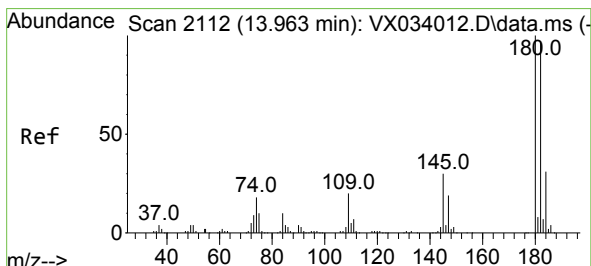
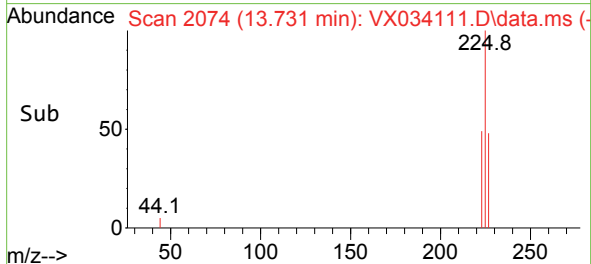
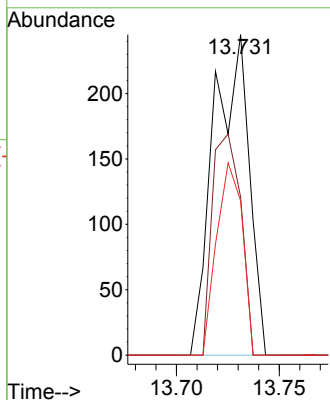
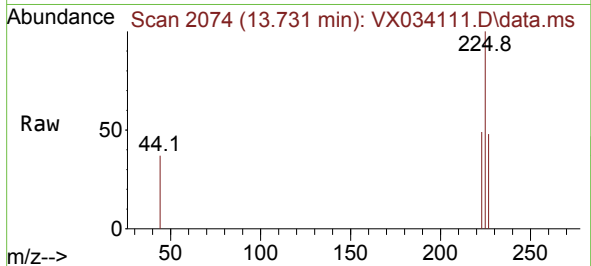




#94
Hexachlorobutadiene
Concen: 0.377 ug/l
RT: 13.731 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-638-640

Tgt Ion:225 Resp: 293
Ion Ratio Lower Upper
225 100
223 56.0 31.3 93.9
227 43.7 32.3 96.9



#96
1,2,3-Trichlorobenzene
Concen: 0.203 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034111.D
Acq: 10 Feb 2023 13:55

Tgt Ion:180 Resp: 321
Ion Ratio Lower Upper
180 100
182 117.8 47.6 142.9
145 10.9 15.1 45.3#

