

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034030.D
 Acq On : 06 Feb 2023 16:19
 Operator : JC/MD
 Sample : 01421-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-523-525

Quant Time: Feb 07 00:53:08 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)

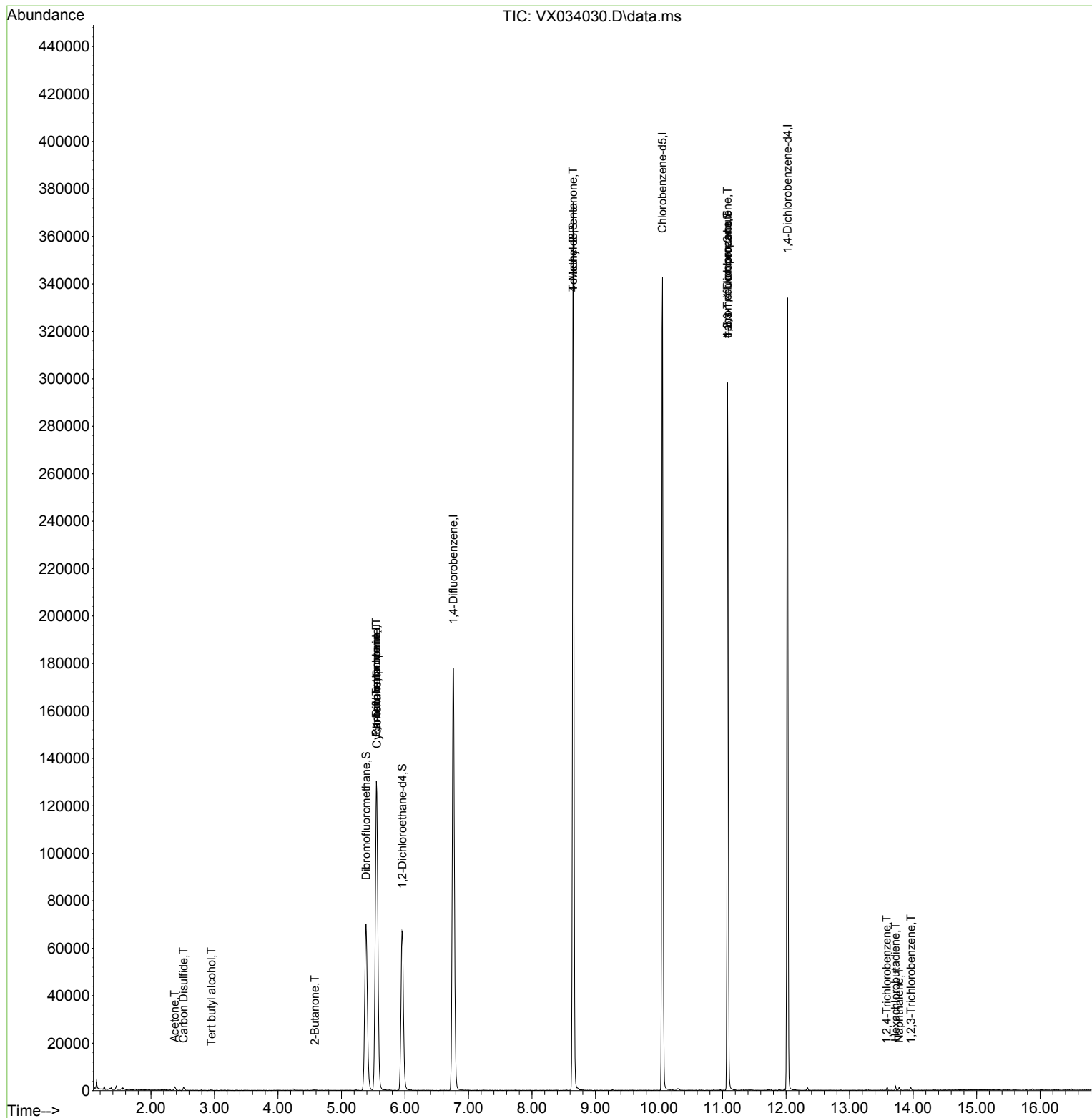
Internal Standards						
1) Pentafluorobenzene	5.550	168	143482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65952	47.680	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.360%
35) Dibromofluoromethane	5.385	113	61902	48.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.040%
50) Toluene-d8	8.647	98	225647	49.086	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	75238	45.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	360	1.858	ug/l #	86
16) Acetone	2.374	43	1563	2.675	ug/l #	83
17) Carbon Disulfide	2.514	76	1273	0.427	ug/l	100
25) 2-Butanone	4.580	43	185	0.217	ug/l #	51
31) Cyclohexane	5.556	56	2012	0.999	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7972	4.557	ug/l #	48
38) Carbon Tetrachloride	5.550	117	12123	6.498	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	882	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34773	25.283	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	34773	77.864	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.585	180	527	0.281	ug/l	93
94) Hexachlorobutadiene	13.725	225	470	0.506	ug/l	76
95) Naphthalene	13.780	128	1205	0.234	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.969	180	419	0.222	ug/l	79

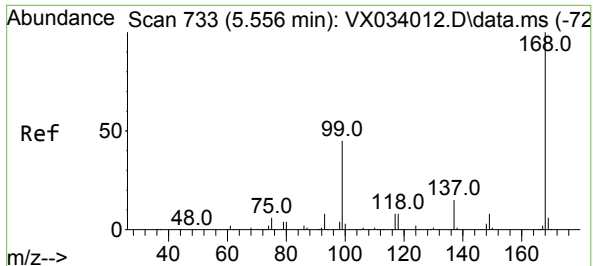
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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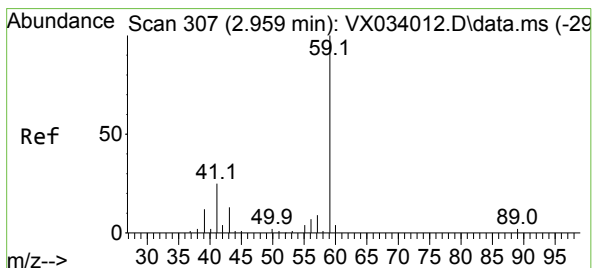
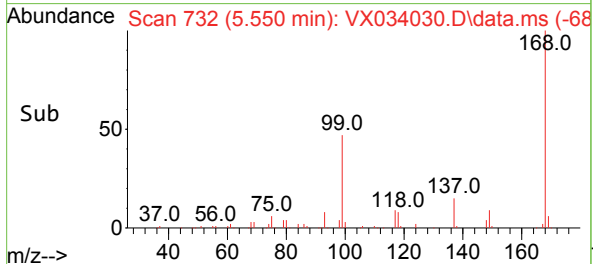
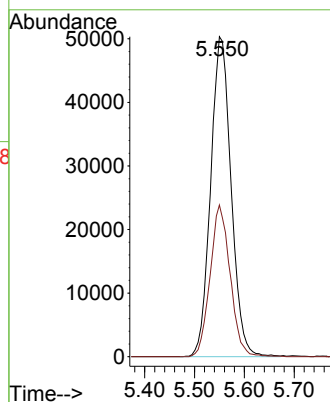
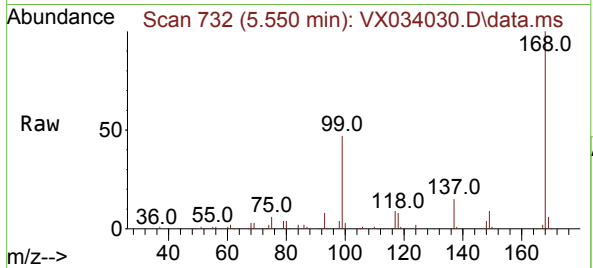




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

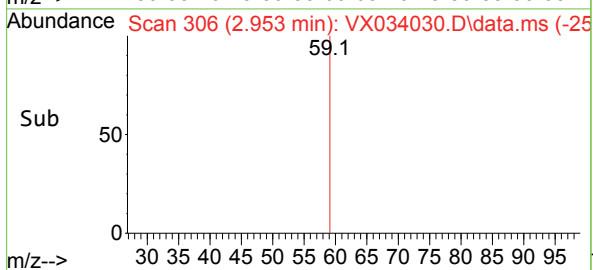
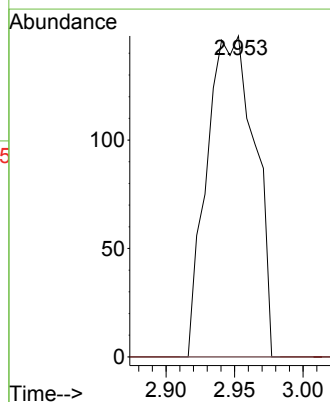
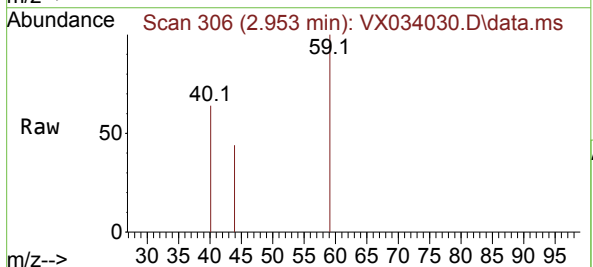
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-523-525

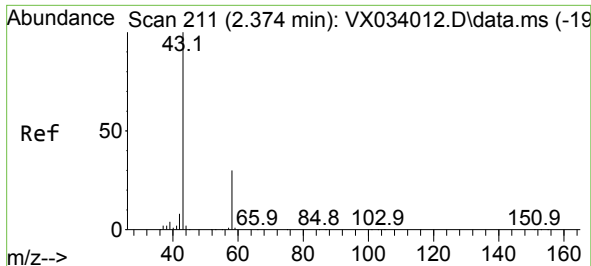
Tgt Ion:168 Resp: 143482
Ion Ratio Lower Upper
168 100
99 47.4 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.858 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

Tgt Ion: 59 Resp: 360
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

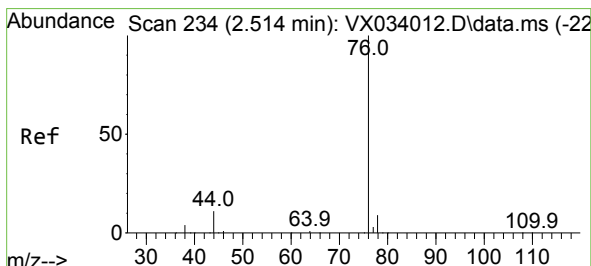
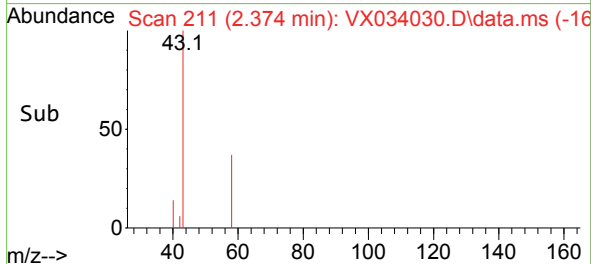
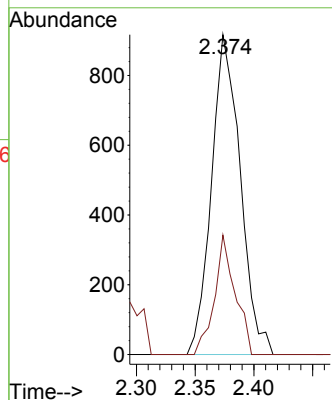
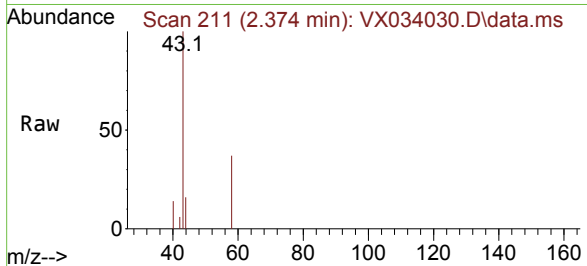




#16
Acetone
Concen: 2.675 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

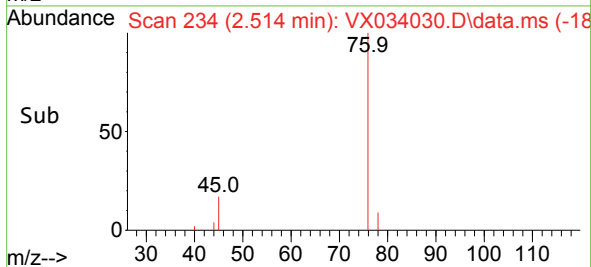
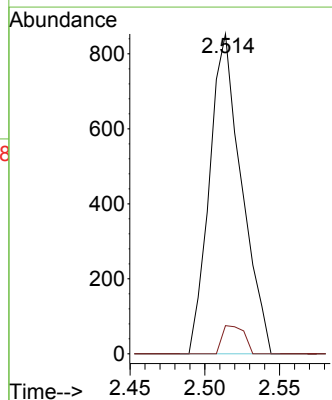
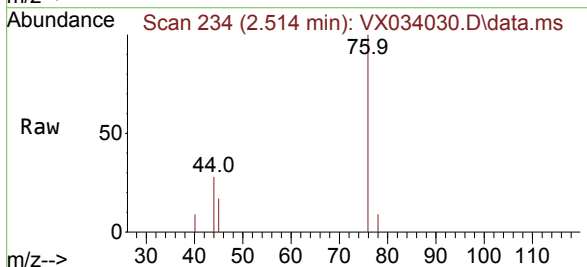
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-523-525

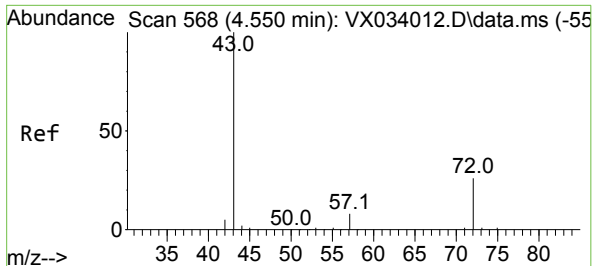
Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
58 37.3 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.427 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

Tgt Ion: 76 Resp: 1273
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6





#25

2-Butanone

Concen: 0.217 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX034030.D

Acq: 06 Feb 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

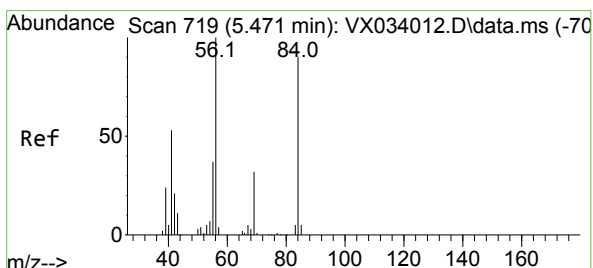
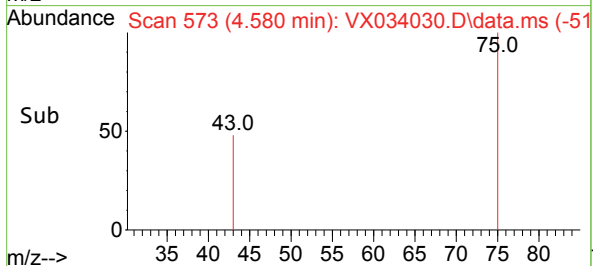
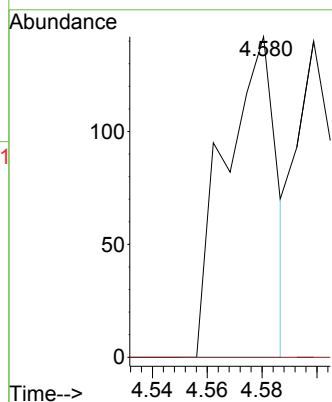
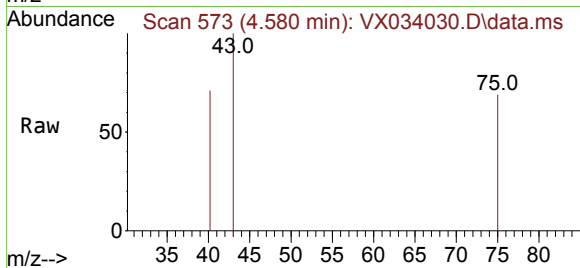
BP-VPB-RW10-GW-523-525

Tgt Ion: 43 Resp: 185

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 0.999 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX034030.D

Acq: 06 Feb 2023 16:19

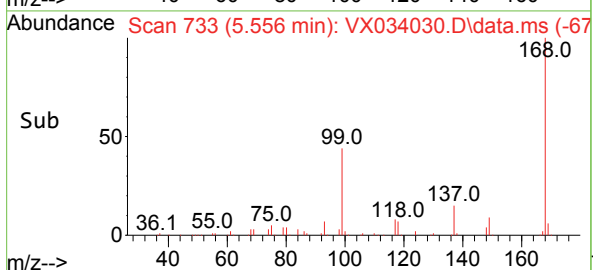
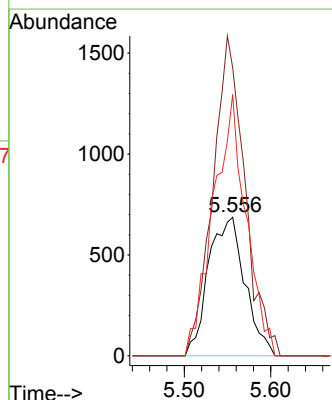
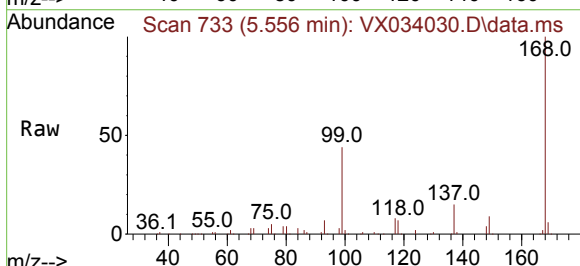
Tgt Ion: 56 Resp: 2012

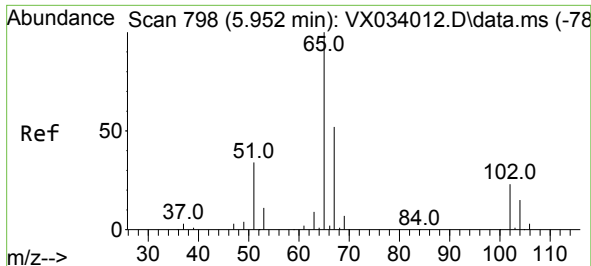
Ion Ratio Lower Upper

56 100

69 207.9 24.6 37.0#

84 188.5 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 47.680 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034030.D

Acq: 06 Feb 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

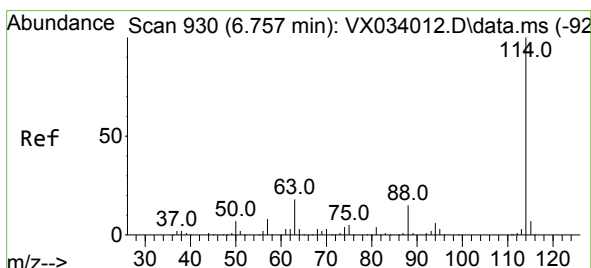
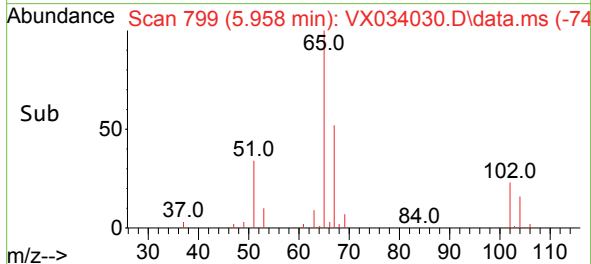
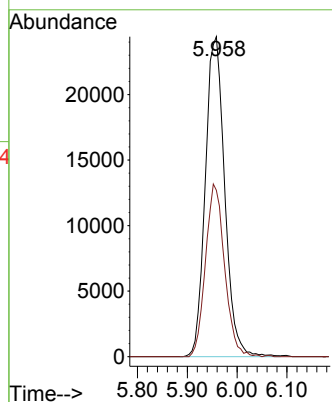
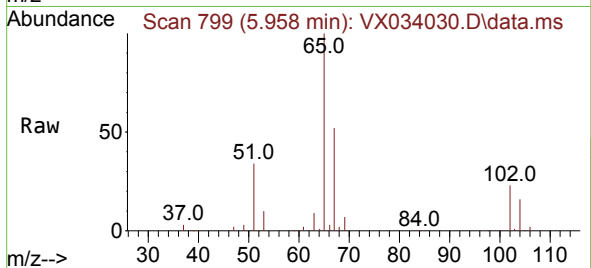
BP-VPB-RW10-GW-523-525

Tgt Ion: 65 Resp: 65952

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034030.D

Acq: 06 Feb 2023 16:19

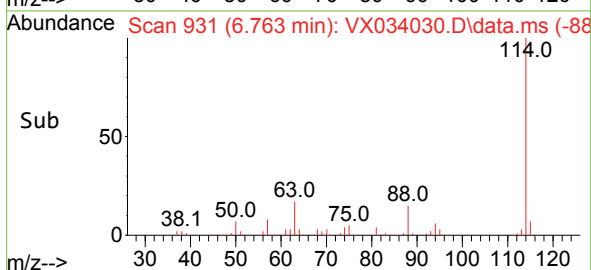
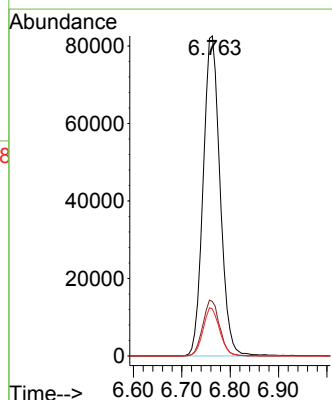
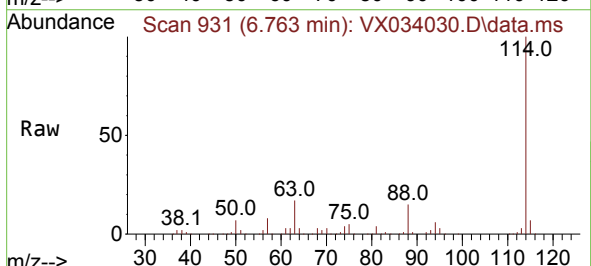
Tgt Ion: 114 Resp: 200478

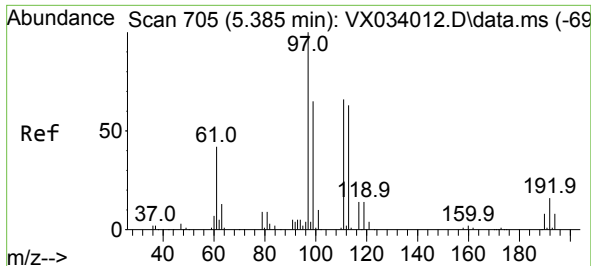
Ion Ratio Lower Upper

114 100

63 17.0 0.0 37.4

88 14.7 0.0 30.6

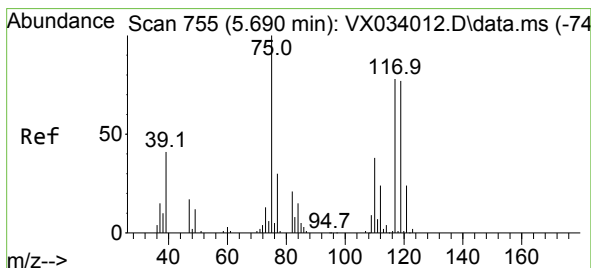
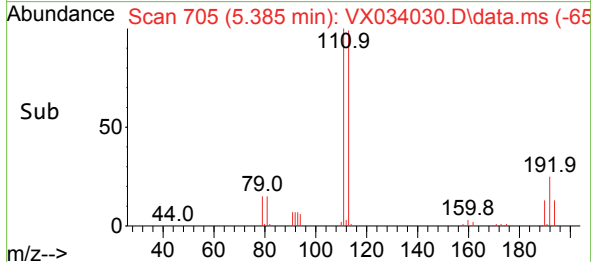
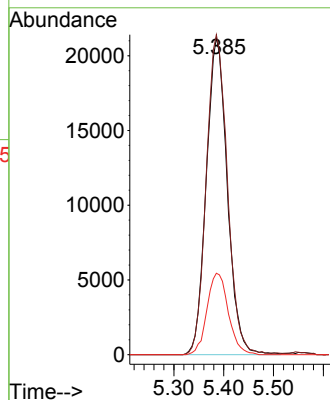
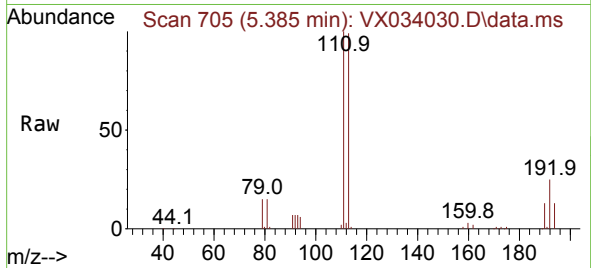




#35
Dibromofluoromethane
Concen: 48.516 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

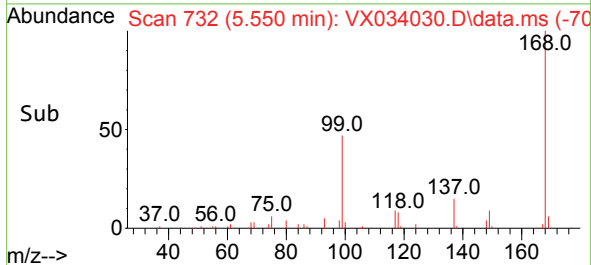
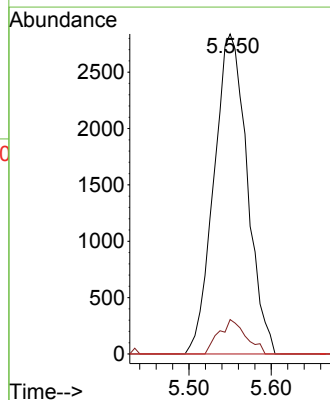
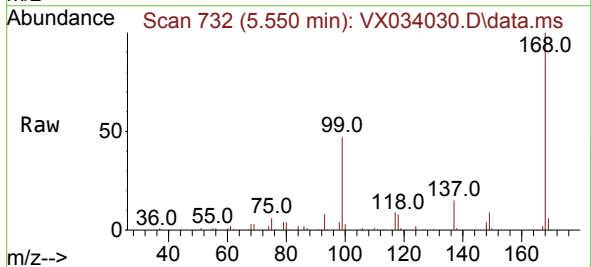
Instrument :
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BP-VPB-RW10-GW-523-525

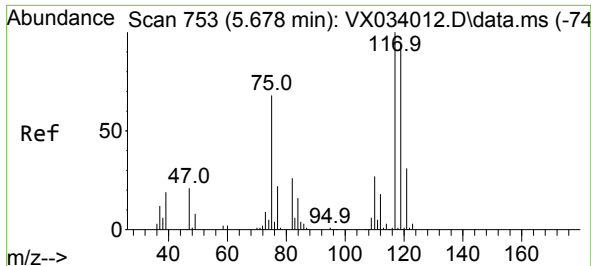
Tgt Ion:113 Resp: 61902
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 26.2 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

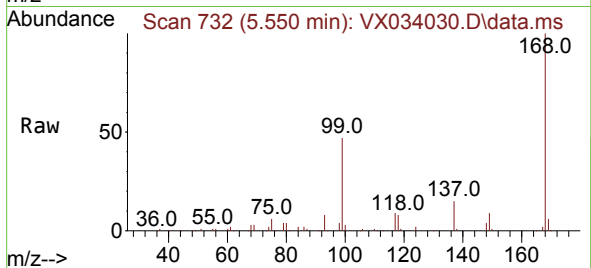
Tgt Ion: 75 Resp: 7972
Ion Ratio Lower Upper
75 100
110 8.7 18.8 56.4#
77 0.0 25.1 37.7#



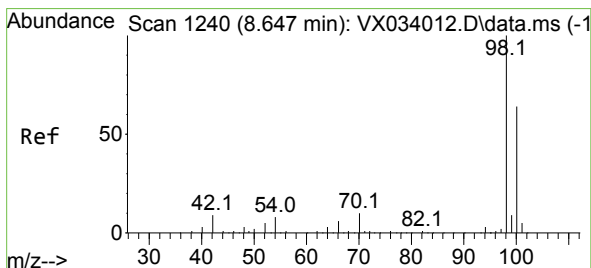
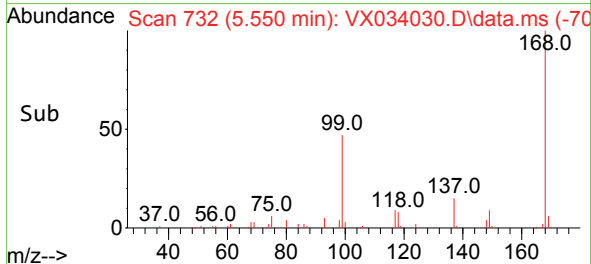
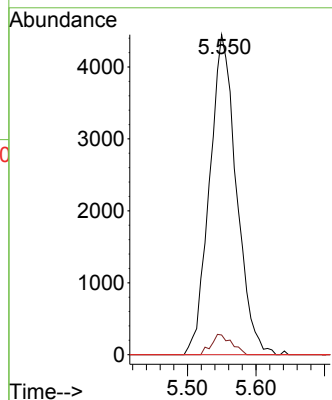


#38
Carbon Tetrachloride
Concen: 6.498 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

Instrument :
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ClientSampleId :
BP-VPB-RW10-GW-523-525

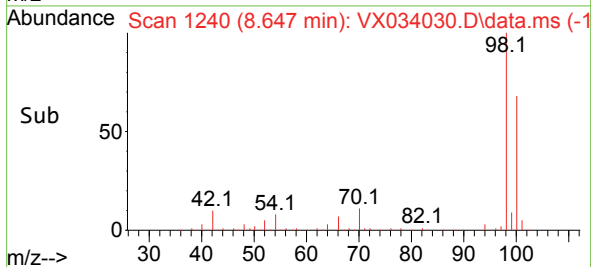
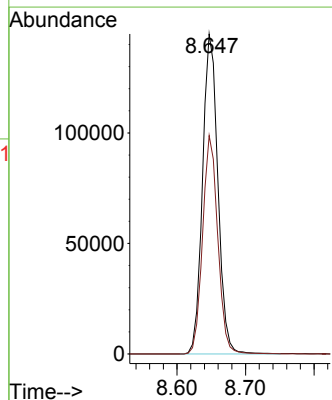
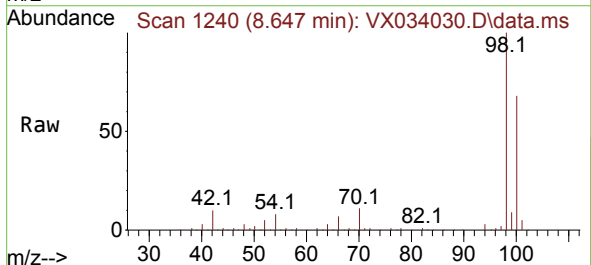


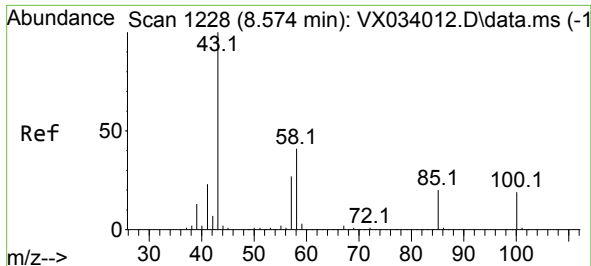
Tgt Ion:117 Resp: 12123
Ion Ratio Lower Upper
117 100
119 6.2 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.086 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

Tgt Ion: 98 Resp: 225647
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4

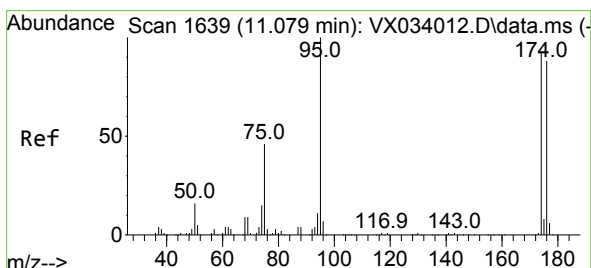
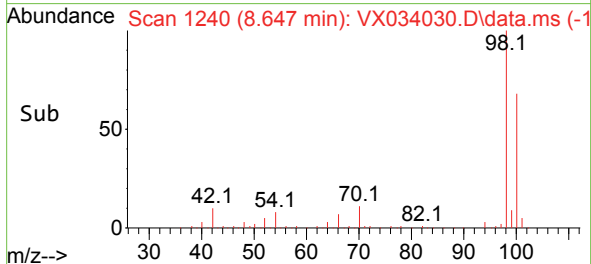
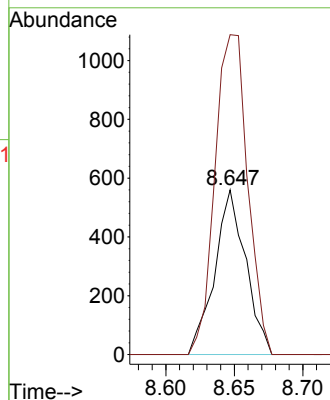
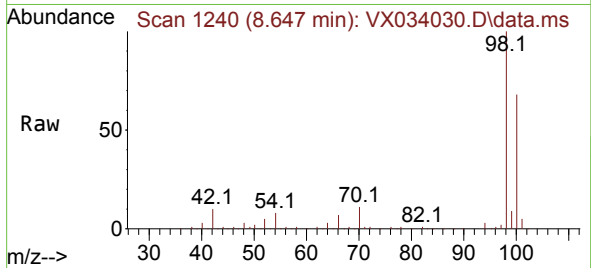




#51
4-Methyl-2-Pentanone
Concen: 0.553 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

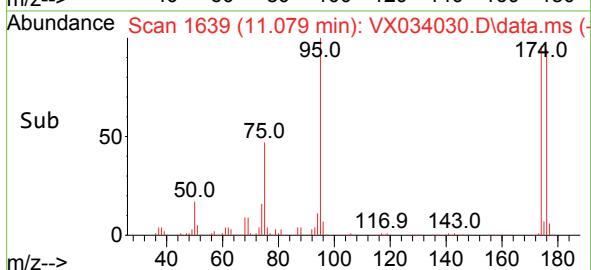
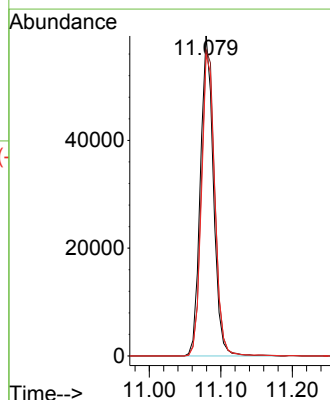
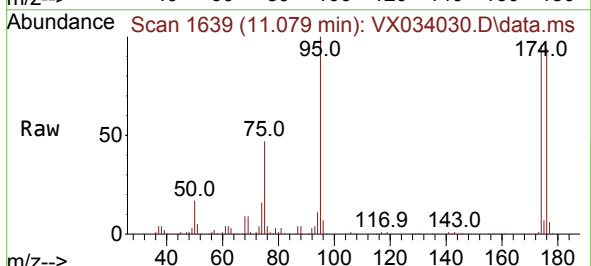
Instrument :
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BP-VPB-RW10-GW-523-525

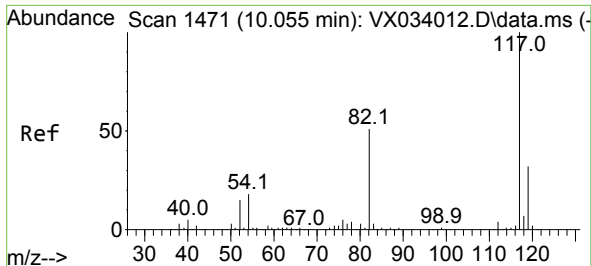
Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 205.7 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 45.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

Tgt Ion: 95 Resp: 75238
Ion Ratio Lower Upper
95 100
174 99.2 0.0 184.4
176 96.5 0.0 178.8

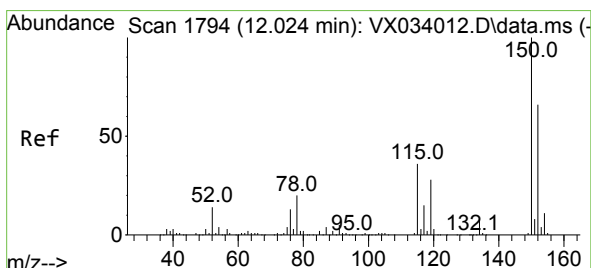
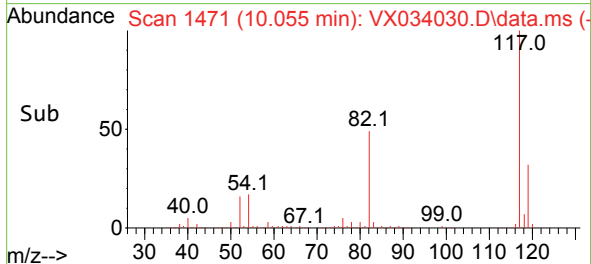
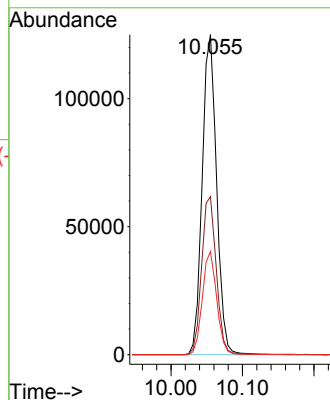
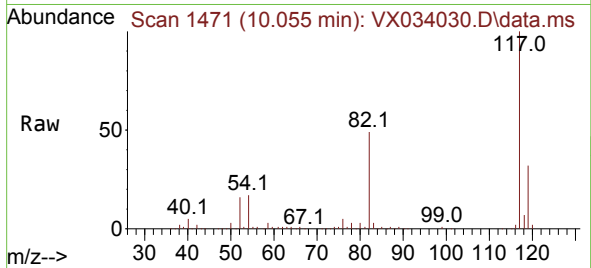




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

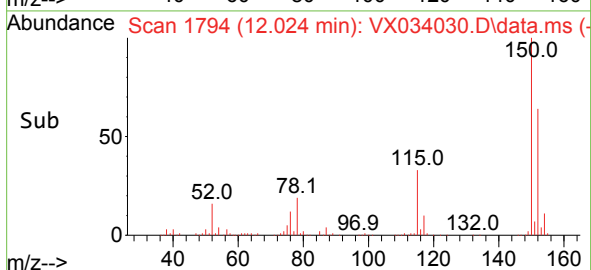
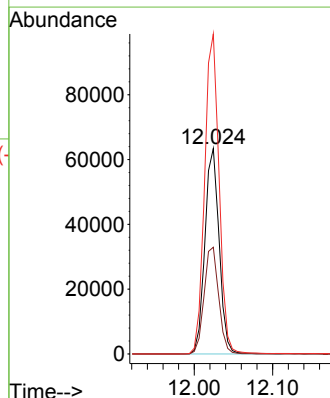
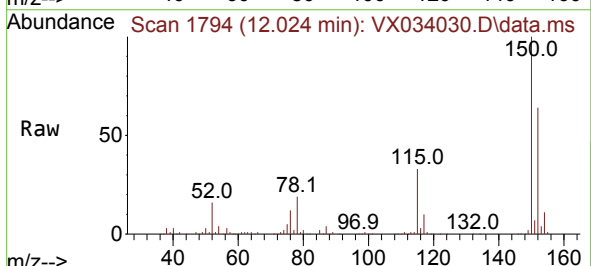
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-523-525

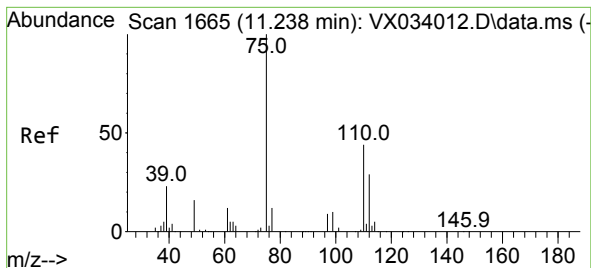
Tgt Ion:117 Resp: 174786
Ion Ratio Lower Upper
117 100
82 49.4 40.6 60.8
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

Tgt Ion:152 Resp: 80097
Ion Ratio Lower Upper
152 100
115 53.1 38.7 116.1
150 157.3 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 25.283 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034030.D

Acq: 06 Feb 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

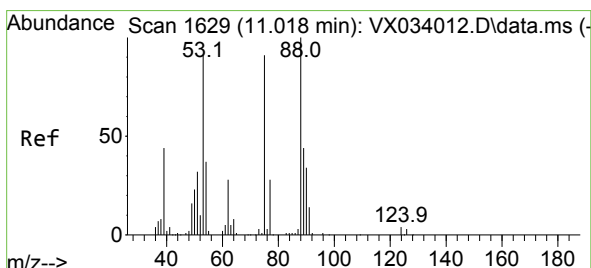
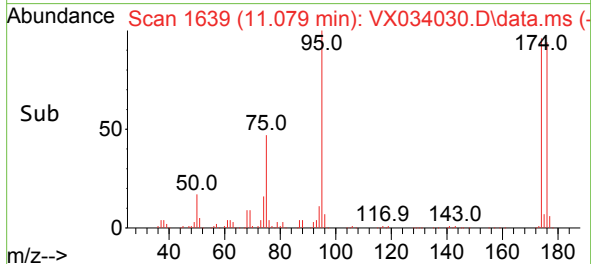
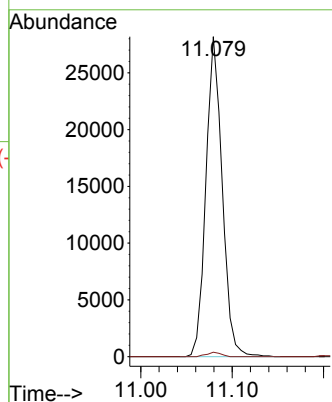
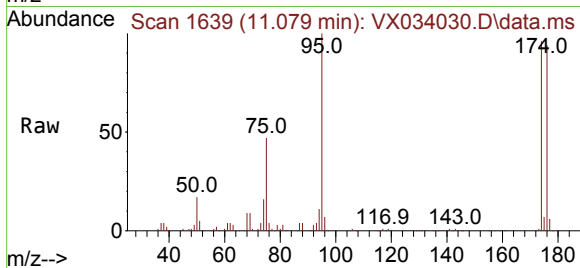
BP-VPB-RW10-GW-523-525

Tgt Ion: 75 Resp: 34773

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.864 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034030.D

Acq: 06 Feb 2023 16:19

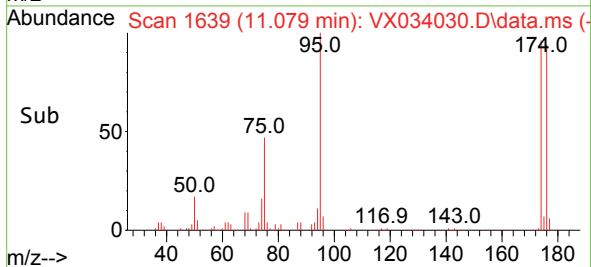
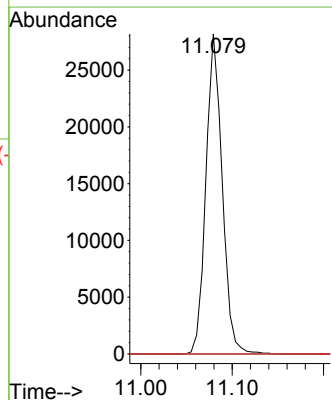
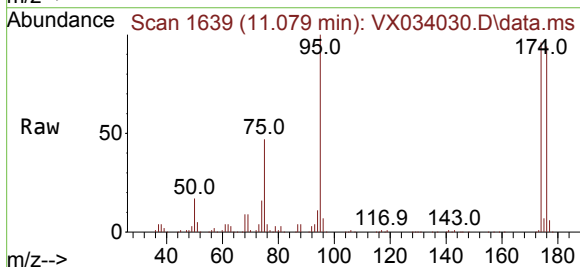
Tgt Ion: 75 Resp: 34773

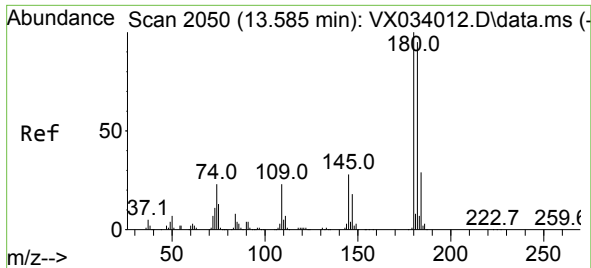
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#

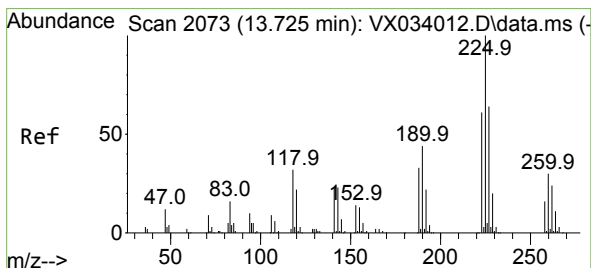
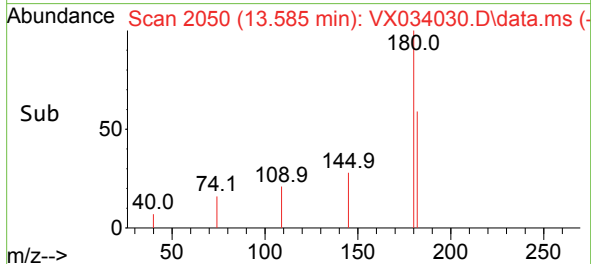
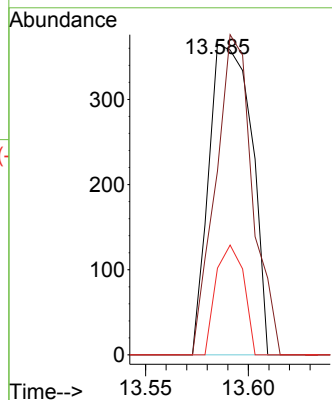
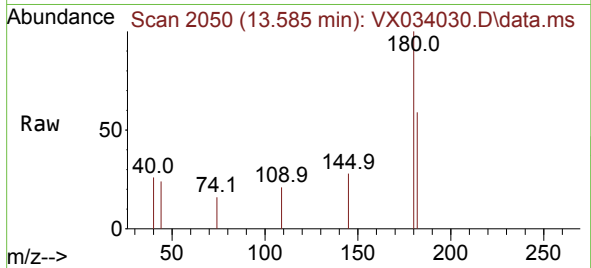




#93
1,2,4-Trichlorobenzene
Concen: 0.281 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

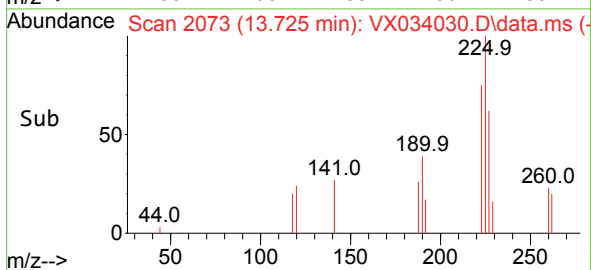
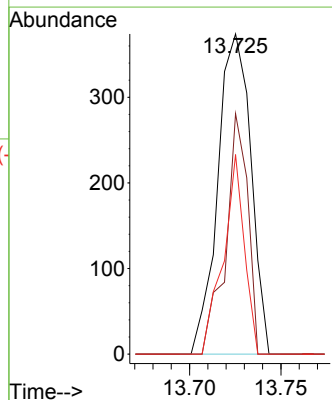
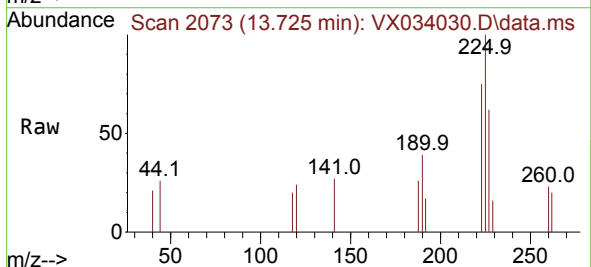
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-523-525

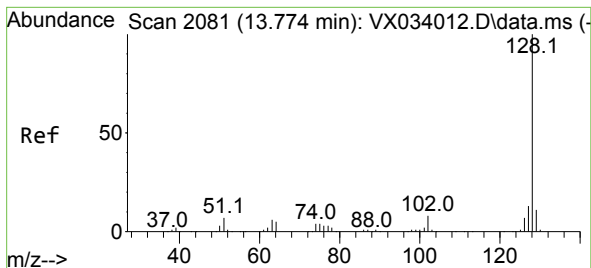
Tgt Ion:180	Resp:	527
Ion	Ratio	Lower Upper
180	100	
182	89.2	47.9 143.6
145	23.0	14.1 42.2



#94
Hexachlorobutadiene
Concen: 0.506 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034030.D
Acq: 06 Feb 2023 16:19

Tgt Ion:225	Resp:	470
Ion	Ratio	Lower Upper
225	100	
223	50.0	31.3 93.9
227	40.0	32.3 96.9





#95

Naphthalene

Concen: 0.234 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034030.D

Acq: 06 Feb 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-523-525

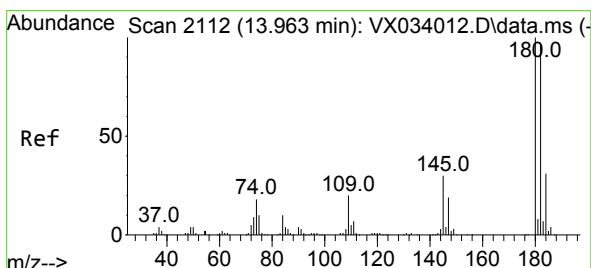
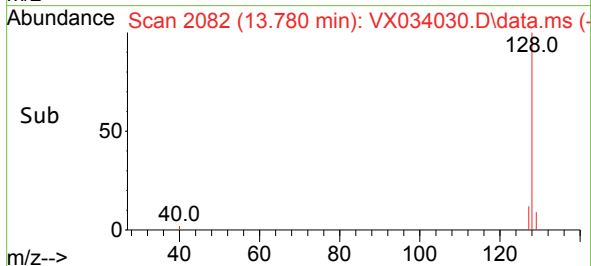
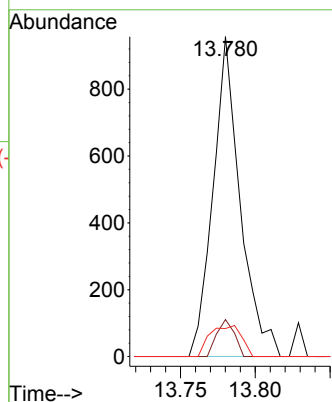
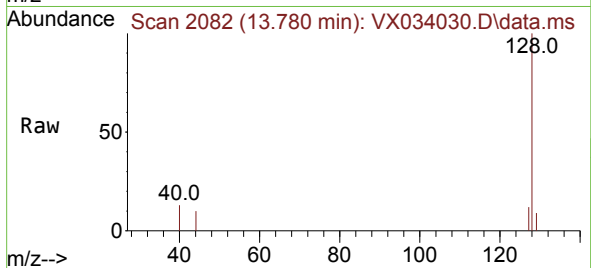
Tgt Ion:128 Resp: 1205

Ion Ratio Lower Upper

128 100

127 7.6 10.3 15.5#

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.222 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX034030.D

Acq: 06 Feb 2023 16:19

Tgt Ion:180 Resp: 419

Ion Ratio Lower Upper

180 100

182 120.3 47.6 142.9

145 27.2 15.1 45.3

