

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032046.D
 Acq On : 11 Oct 2022 18:51
 Operator : JC/MD
 Sample : N5100-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-EB-20221010

Quant Time: Oct 12 05:17:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

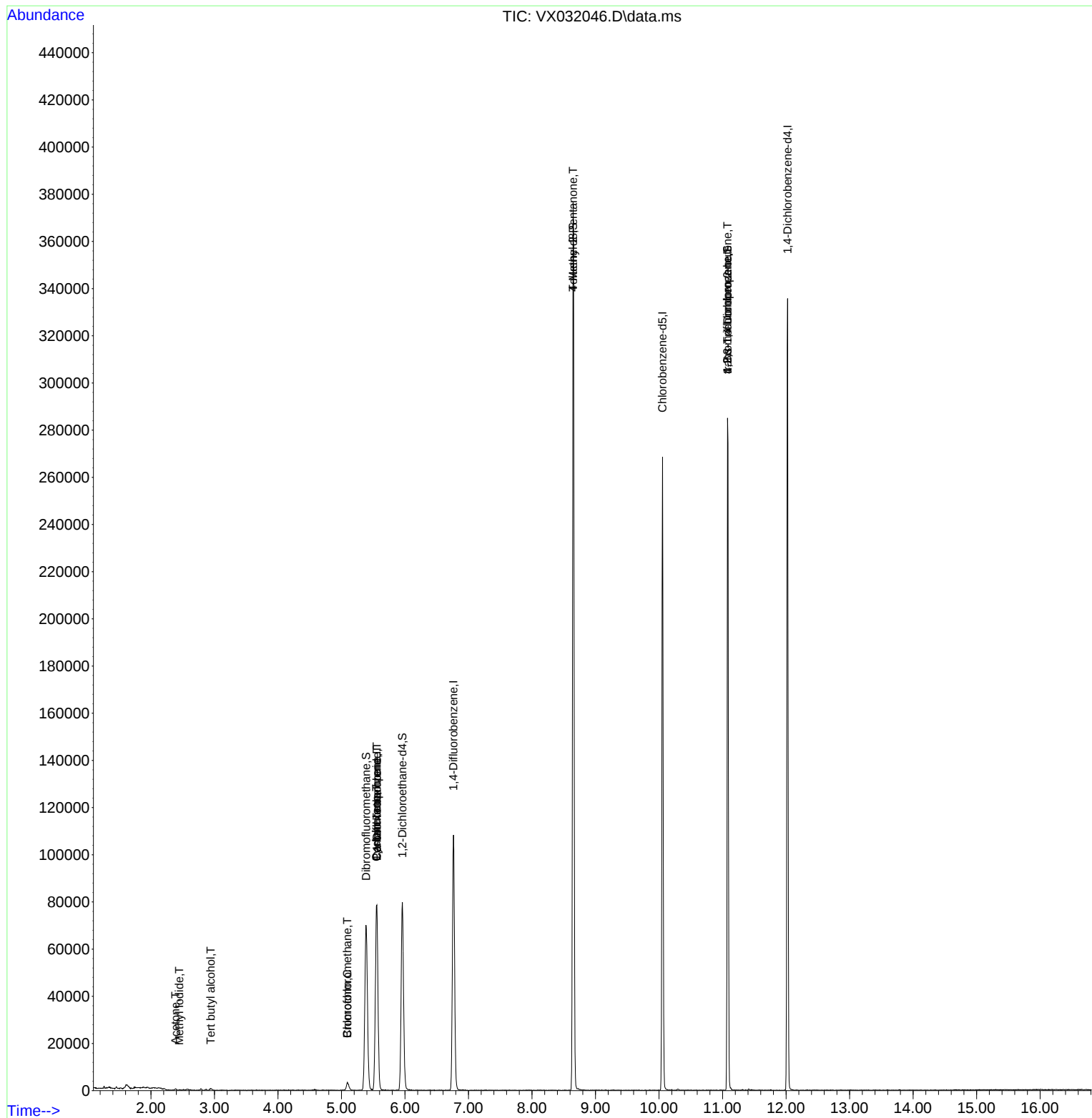
Internal Standards						
1) Pentafluorobenzene	5.556	168	72324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	109194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75611	50.622	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.240%			
35) Dibromofluoromethane	5.385	113	59384	48.045	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.080%			
50) Toluene-d8	8.647	98	218771	49.188	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.380%			
62) 4-Bromofluorobenzene	11.079	95	73367	46.661	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.320%			
Target Compounds			Qvalue			
5) Bromomethane	1.618	94	419	Below Cal		86
10) Methyl Iodide	2.447	142	158	2.878 ug/l #		71
11) Tert butyl alcohol	2.941	59	570	3.067 ug/l #		73
16) Acetone	2.386	43	639	1.259 ug/l #		80
28) Bromochloromethane	5.093	49	295	0.326 ug/l #		15
30) Chloroform	5.093	83	3730	1.585 ug/l		84
31) Cyclohexane	5.550	56	1758	0.985 ug/l #		40
36) 1,1-Dichloropropene	5.556	75	5935	3.621 ug/l #		50
38) Carbon Tetrachloride	5.556	117	8031	4.792 ug/l #		16
51) 4-Methyl-2-Pentanone	8.647	43	985	0.635 ug/l #		1
76) 1,2,3-Trichloropropane	11.079	75	39609	28.531 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.079	75	39609	97.560 ug/l #		11

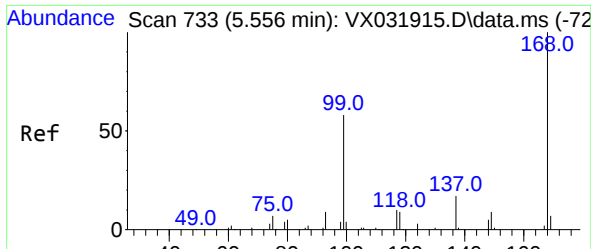
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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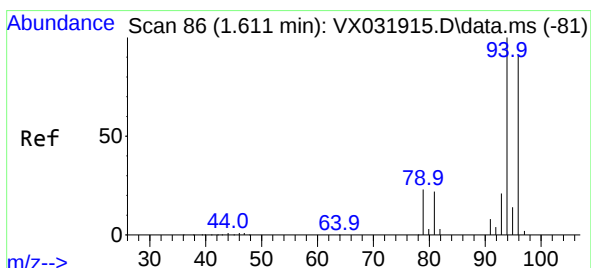
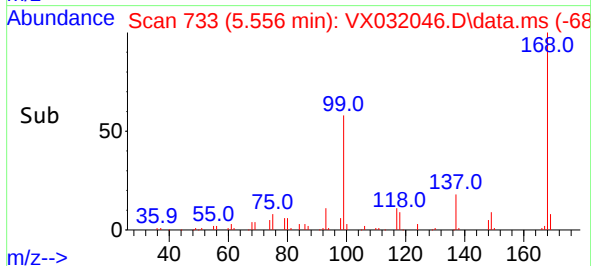
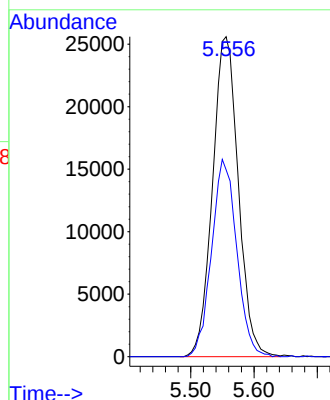
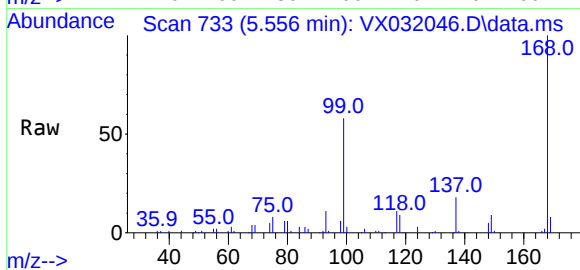




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

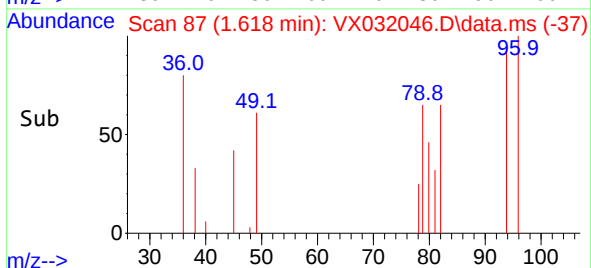
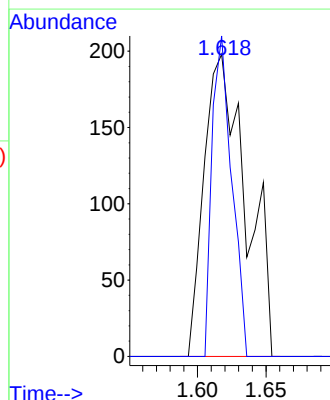
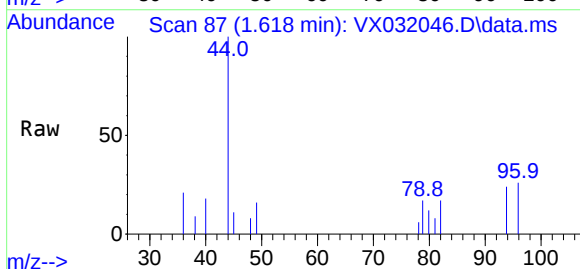
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-EB-20221010

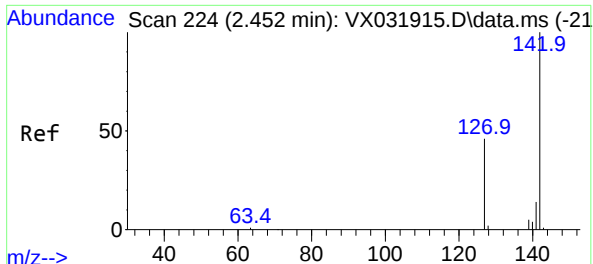
Tgt Ion:168 Resp: 72324
Ion Ratio Lower Upper
168 100
99 58.4 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

Tgt Ion: 94 Resp: 419
Ion Ratio Lower Upper
94 100
96 106.1 74.4 111.6

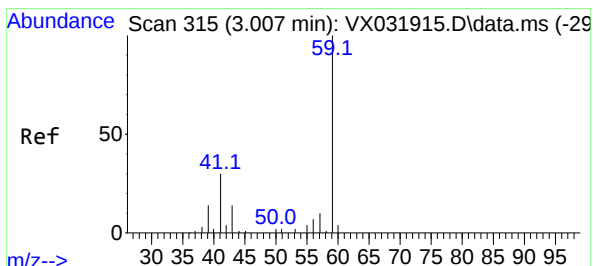
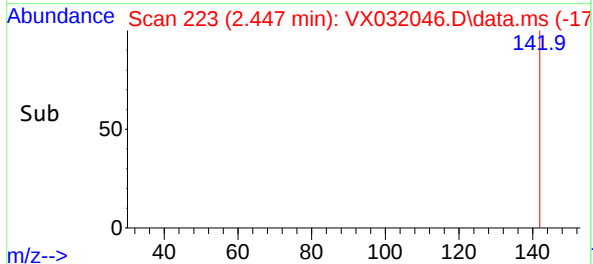
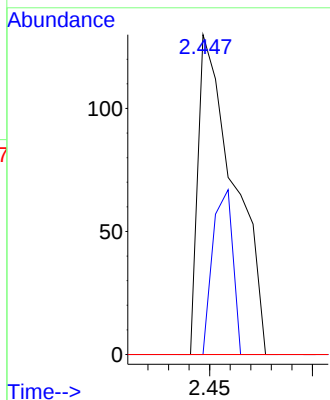
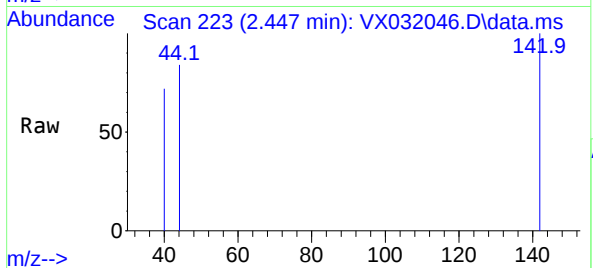




#10
Methyl Iodide
Concen: 2.878 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

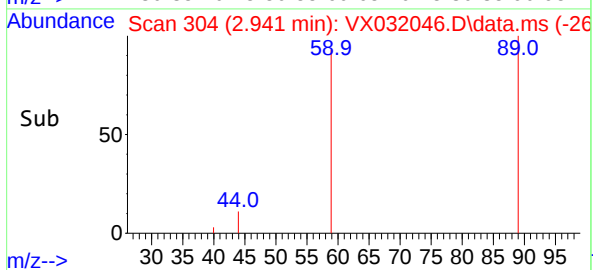
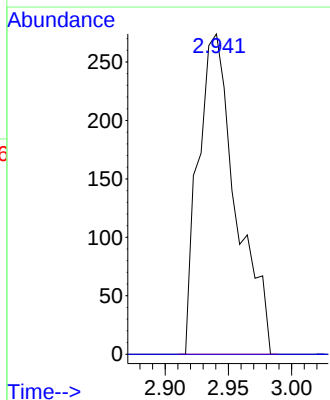
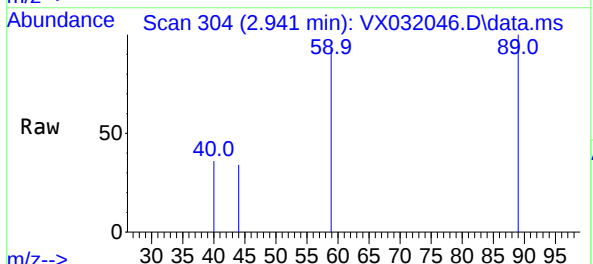
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-EB-20221010

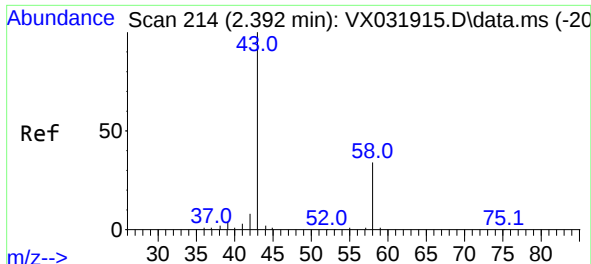
Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
142 100
127 28.5 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 3.067 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

Tgt Ion: 59 Resp: 570
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

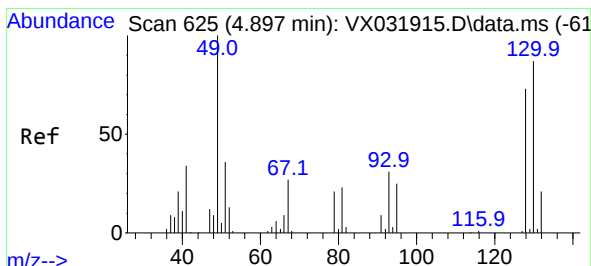
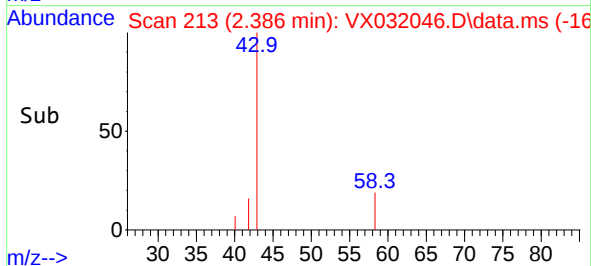
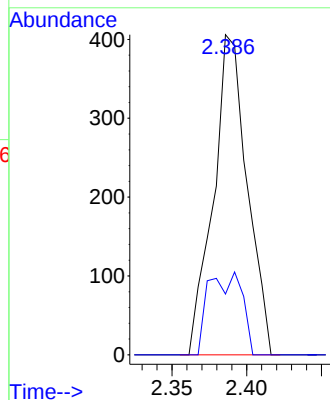
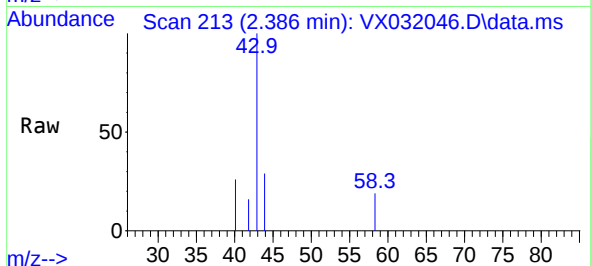




#16
Acetone
Concen: 1.259 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

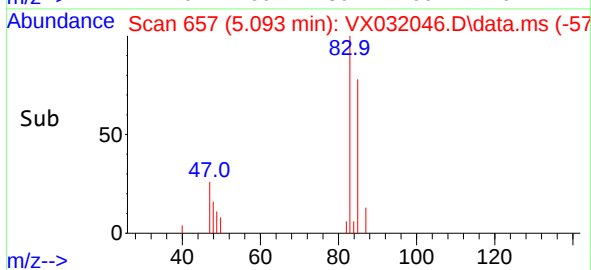
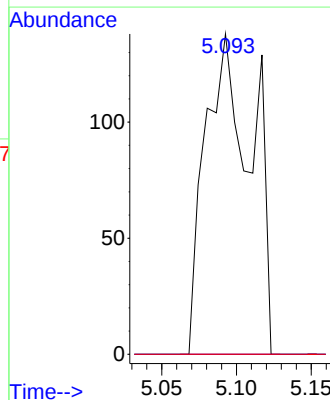
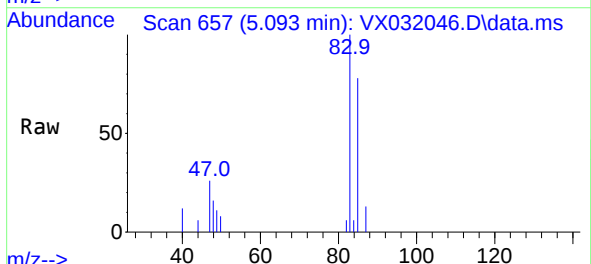
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-EB-20221010

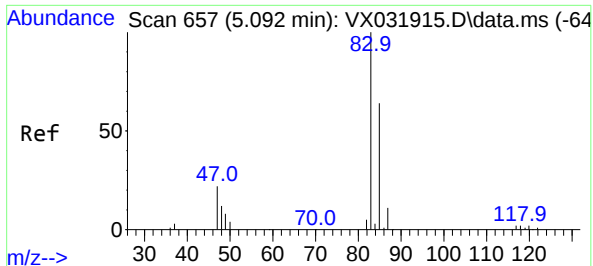
Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
58 19.0 23.8 35.8#



#28
Bromochloromethane
Concen: 0.326 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.196 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

Tgt Ion: 49 Resp: 295
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.0 88.4#

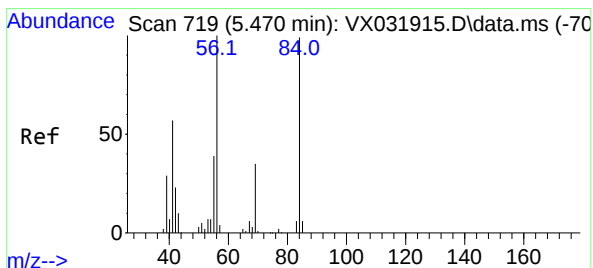
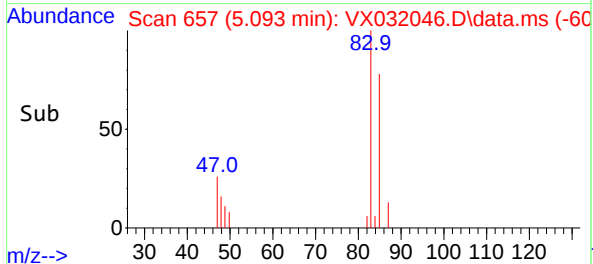
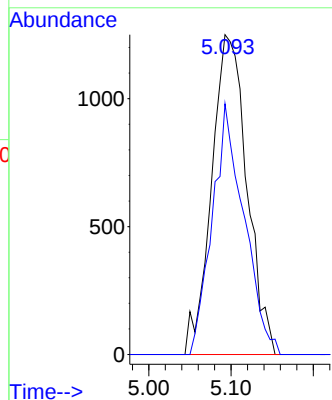
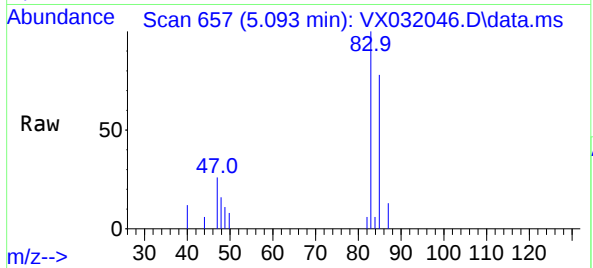




#30
Chloroform
Concen: 1.585 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

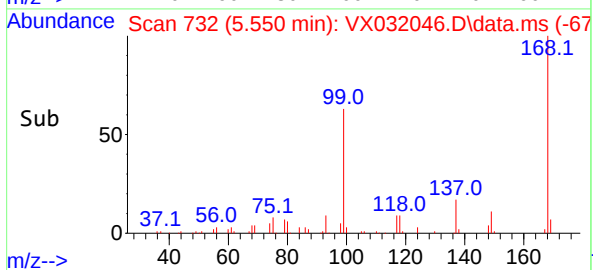
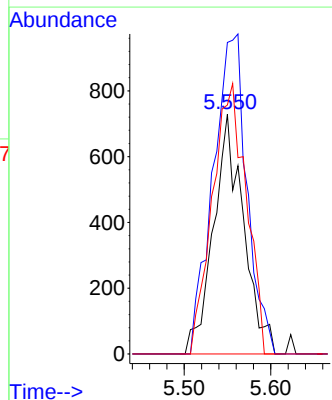
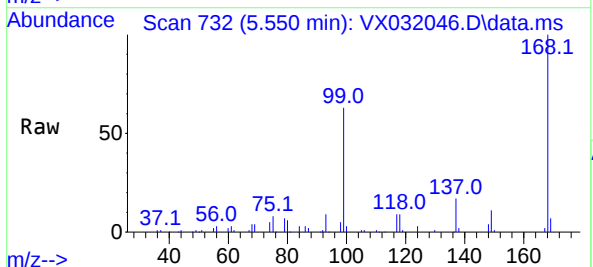
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-EB-20221010

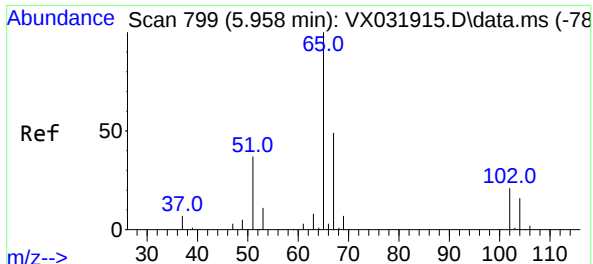
Tgt Ion: 83 Resp: 3730
Ion Ratio Lower Upper
83 100
85 78.4 52.8 79.2



#31
Cyclohexane
Concen: 0.985 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

Tgt Ion: 56 Resp: 1758
Ion Ratio Lower Upper
56 100
69 129.9 25.1 37.7#
84 103.8 70.2 105.4

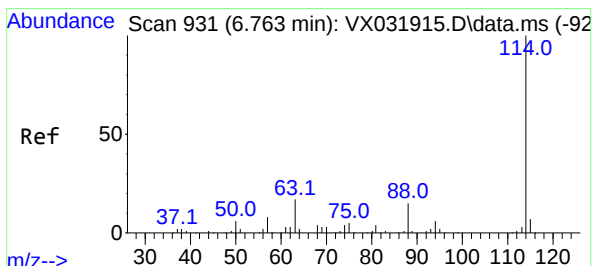
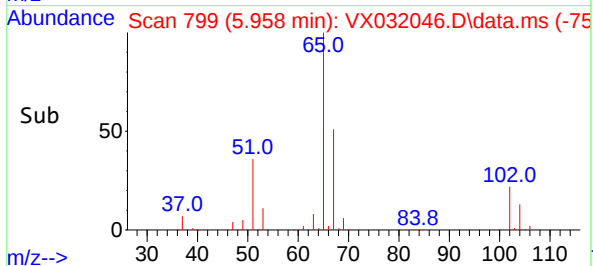
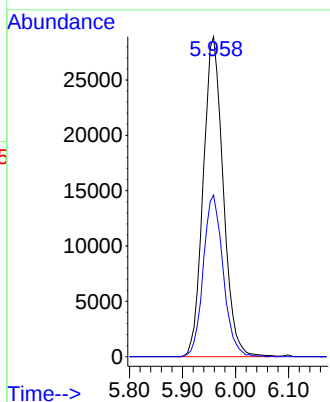
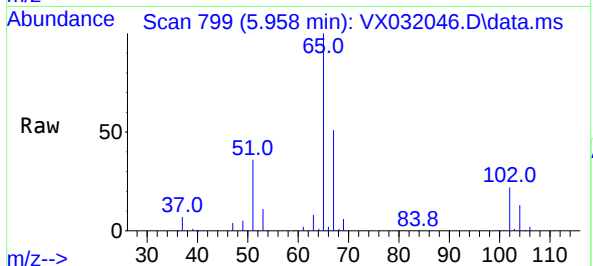




#33
1,2-Dichloroethane-d4
Concen: 50.622 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

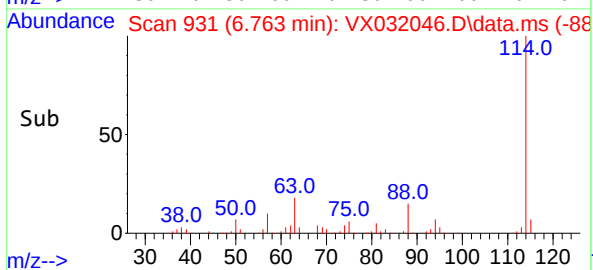
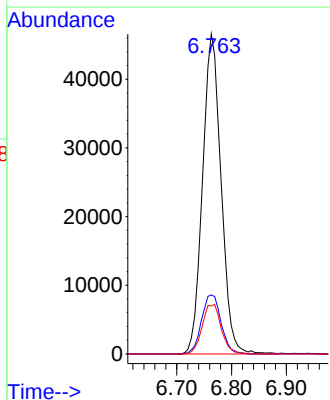
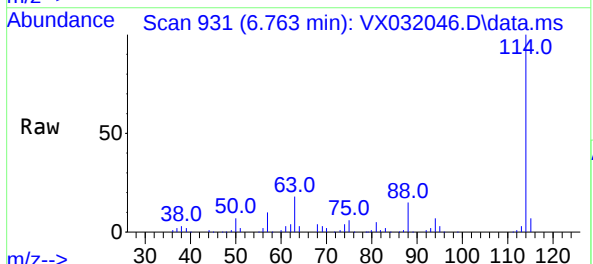
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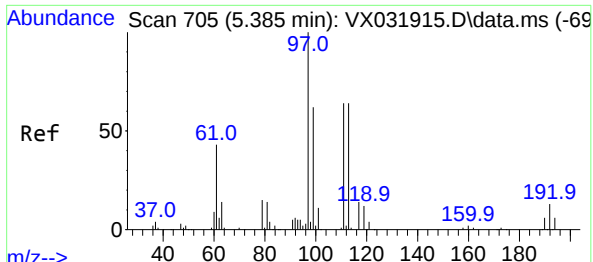
Tgt Ion: 65 Resp: 75611
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

Tgt Ion:114 Resp: 109194
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.6
88 15.0 0.0 33.0

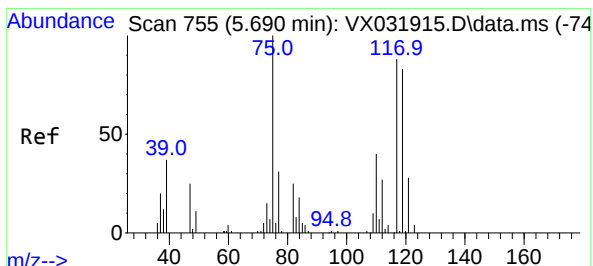
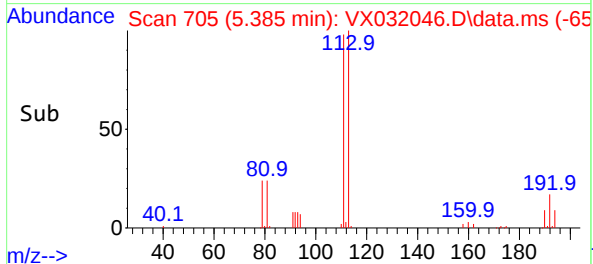
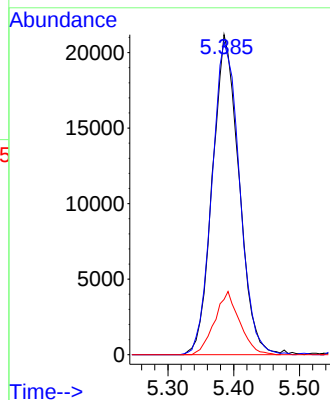
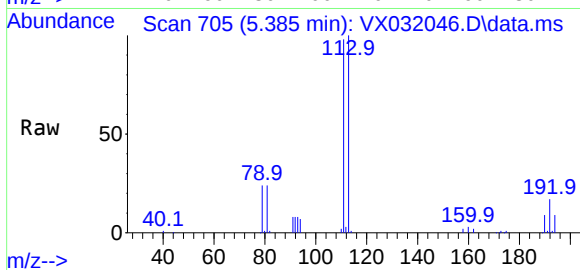




#35
Dibromofluoromethane
Concen: 48.045 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

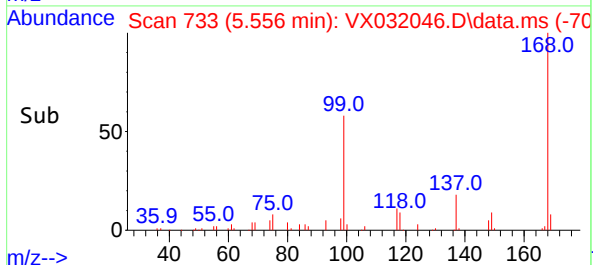
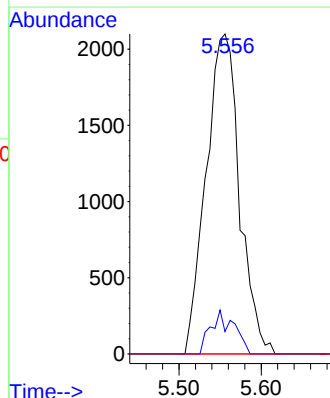
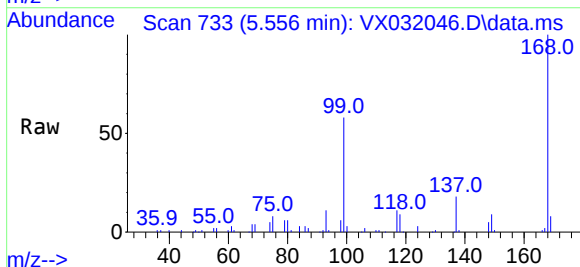
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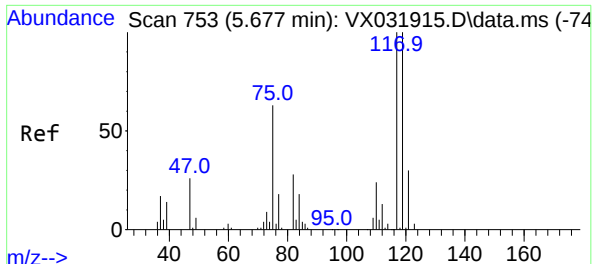
Tgt Ion:113 Resp: 59384
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 18.6 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.621 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

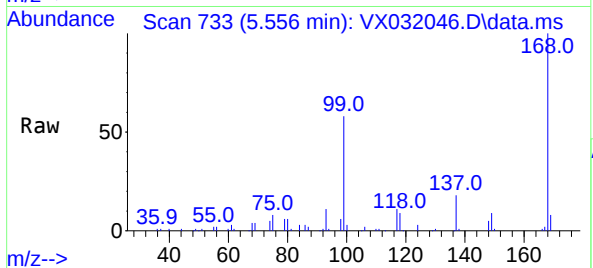
Tgt Ion: 75 Resp: 5935
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.9 37.3#



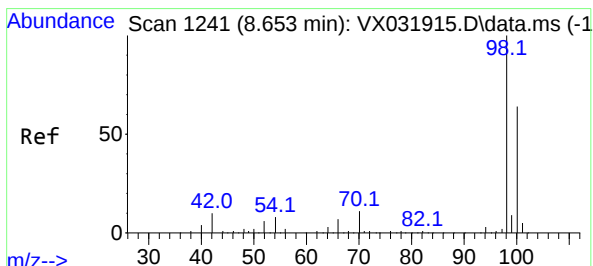
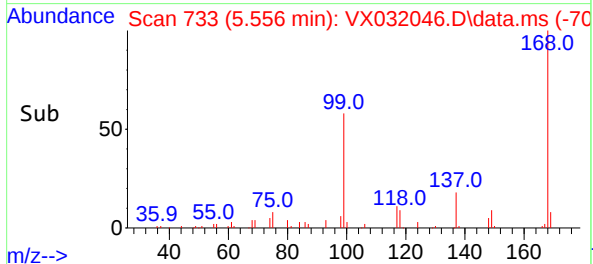
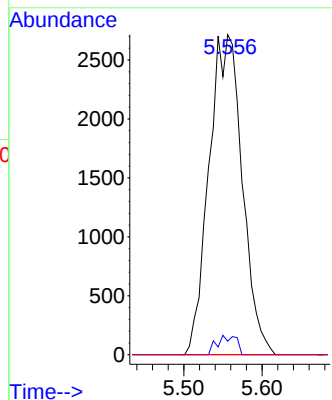


#38
Carbon Tetrachloride
Concen: 4.792 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-EB-20221010

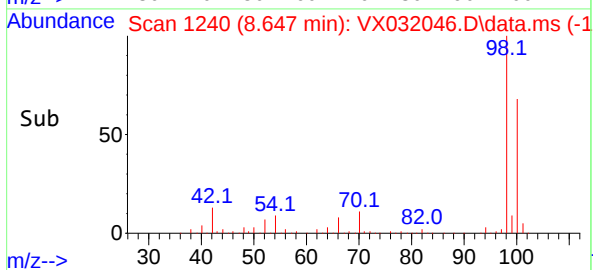
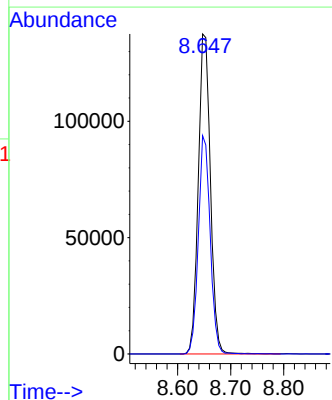
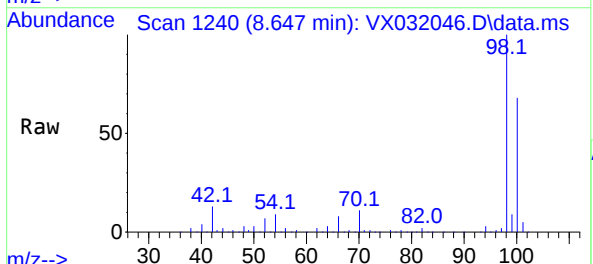


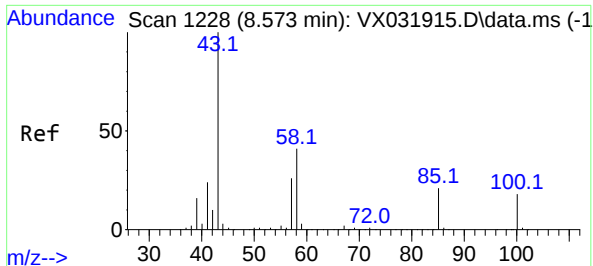
Tgt Ion:117 Resp: 8031
Ion Ratio Lower Upper
117 100
119 4.2 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.188 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

Tgt Ion: 98 Resp: 218771
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.635 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX032046.D

Acq: 11 Oct 2022 18:51

Instrument :

MSVOA_X

ClientSampleId :

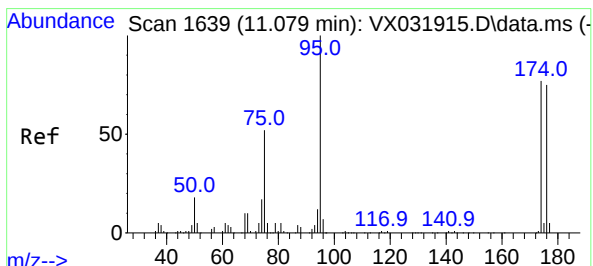
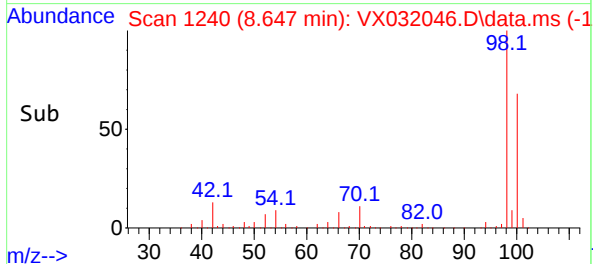
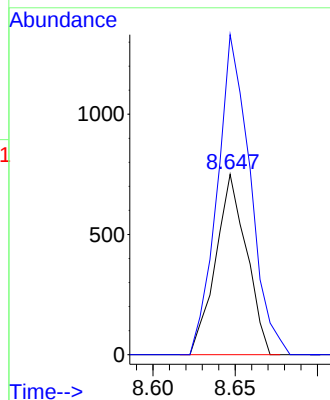
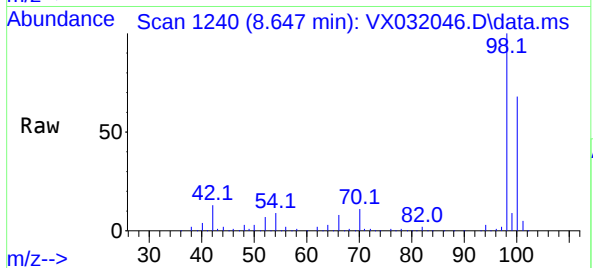
BP-VPB-RW5-GW-EB-20221010

Tgt Ion: 43 Resp: 985

Ion Ratio Lower Upper

43 100

58 187.8 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 46.661 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032046.D

Acq: 11 Oct 2022 18:51

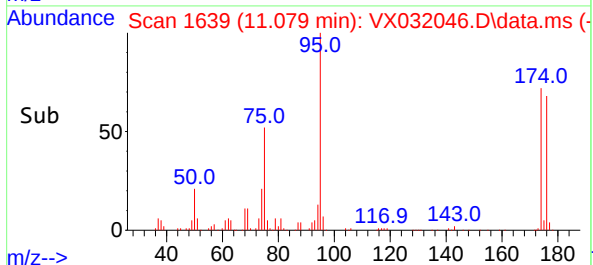
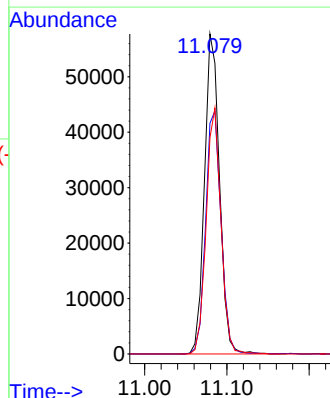
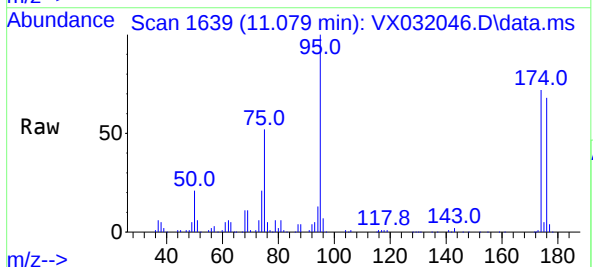
Tgt Ion: 95 Resp: 73367

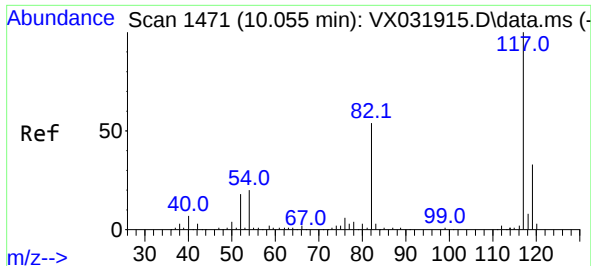
Ion Ratio Lower Upper

95 100

174 77.9 0.0 153.2

176 75.5 0.0 144.0

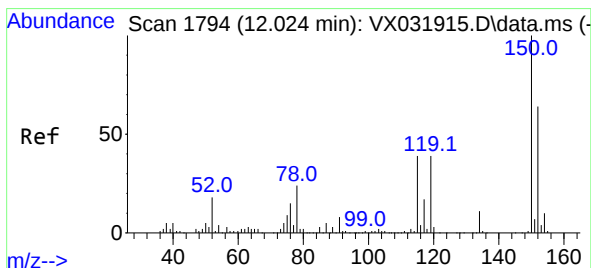
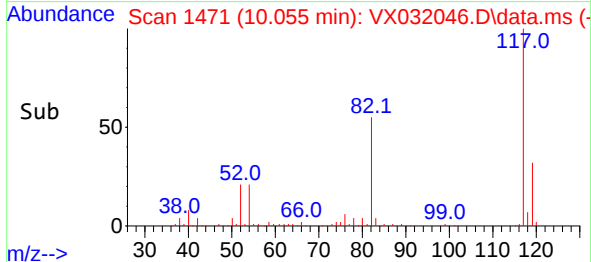
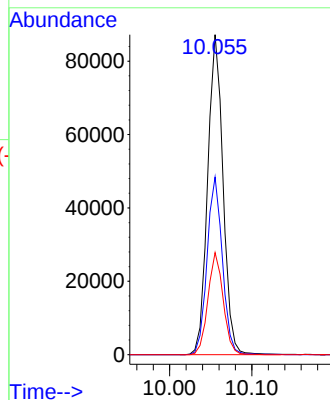
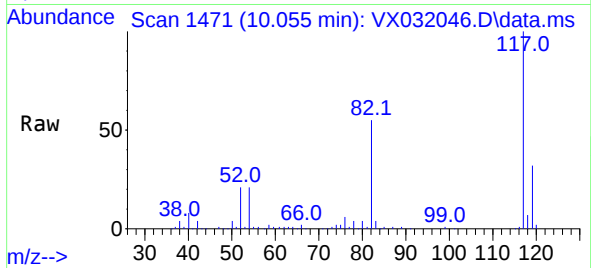




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

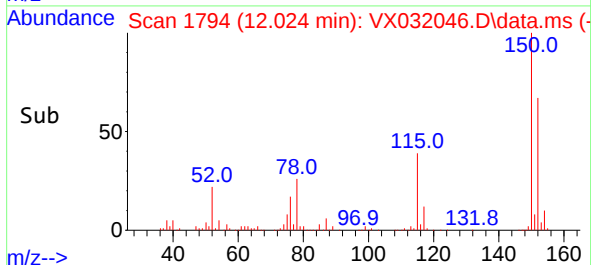
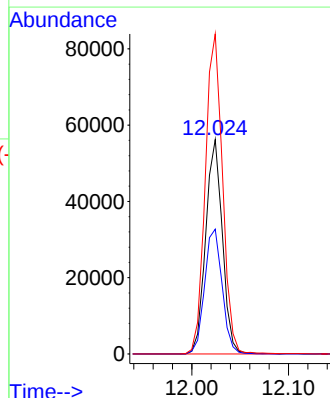
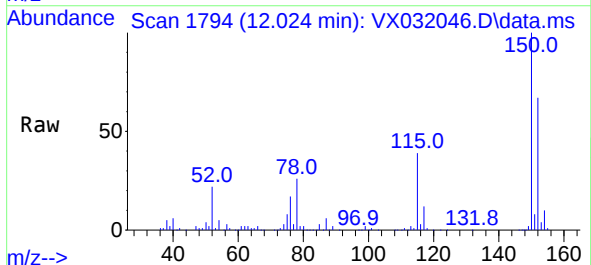
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-EB-20221010

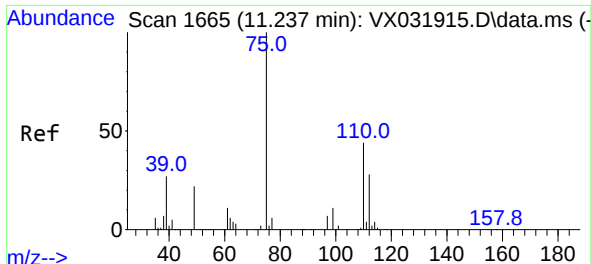
Tgt Ion:117 Resp: 113476
Ion Ratio Lower Upper
117 100
82 55.5 46.8 70.2
119 31.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

Tgt Ion:152 Resp: 67737
Ion Ratio Lower Upper
152 100
115 61.1 43.4 130.1
150 154.1 0.0 346.8

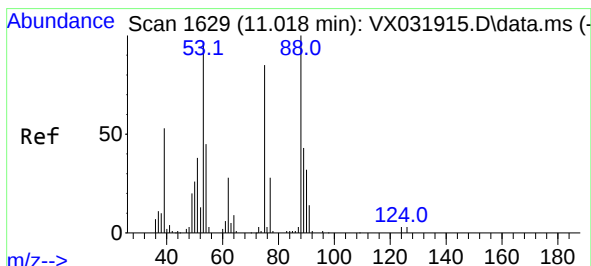
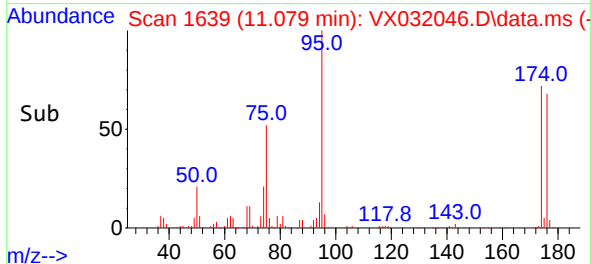
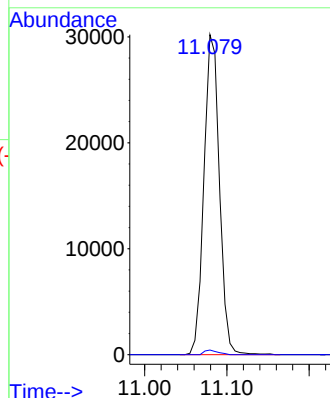
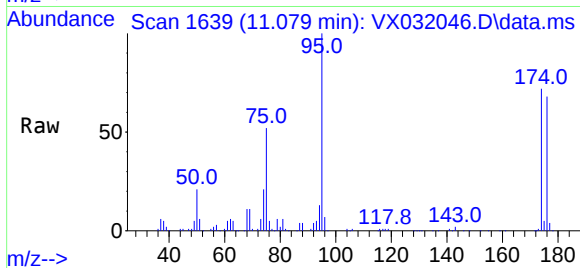




#76
1,2,3-Trichloropropane
Concen: 28.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-GW-EB-20221010

Tgt Ion: 75 Resp: 39609
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.560 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032046.D
Acq: 11 Oct 2022 18:51

Tgt Ion: 75 Resp: 39609
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

