

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032047.D
 Acq On : 11 Oct 2022 19:15
 Operator : JC/MD
 Sample : N5100-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-883-885

Quant Time: Oct 12 05:18:16 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)

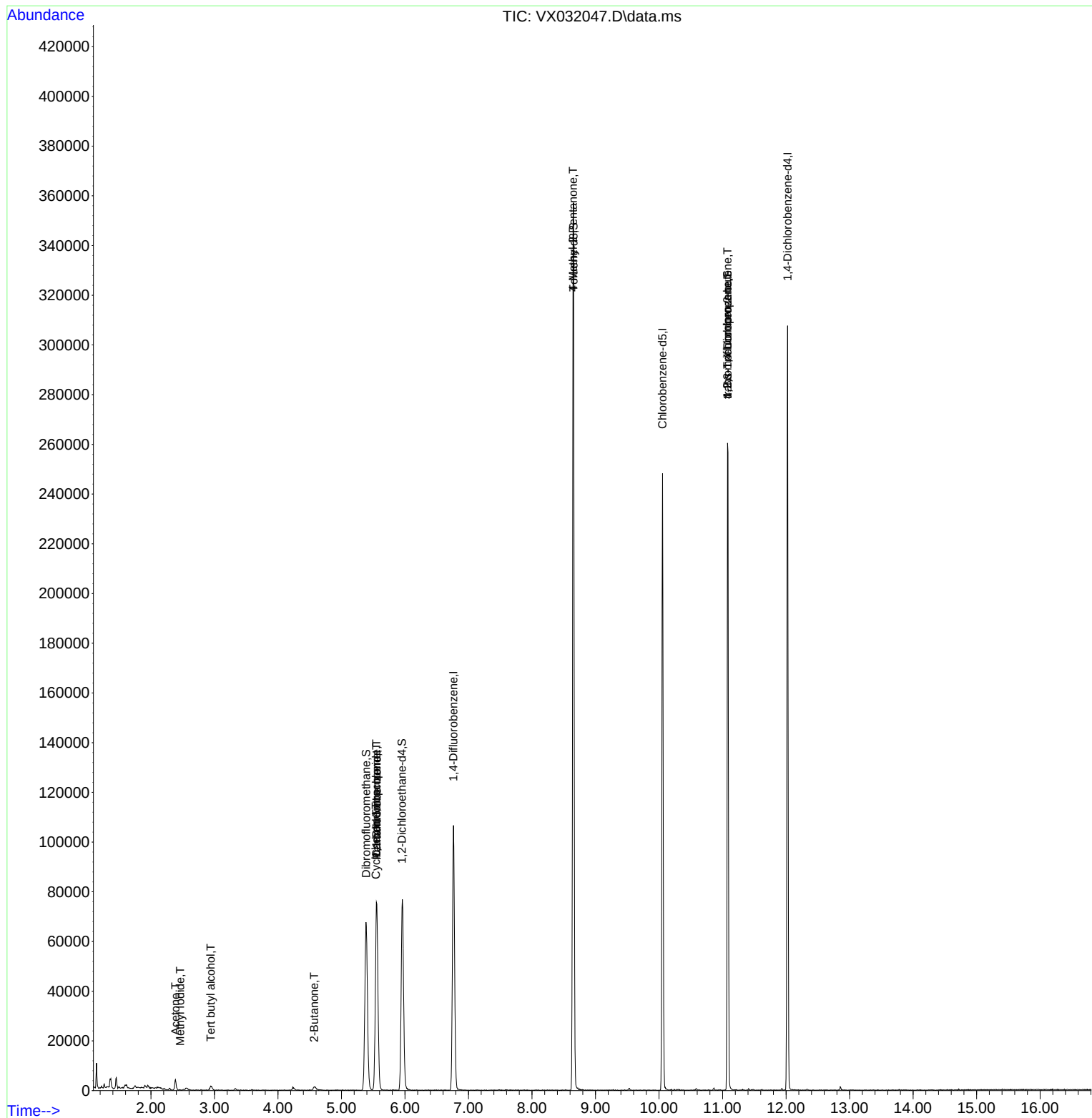
Internal Standards						
1) Pentafluorobenzene	5.556	168	69751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	105673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72227	50.140	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.280%			
35) Dibromofluoromethane	5.385	113	56907	47.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.140%			
50) Toluene-d8	8.653	98	210685	48.949	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.900%			
62) 4-Bromofluorobenzene	11.079	95	67036	44.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.100%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	267	Below Cal	#	78
10) Methyl Iodide	2.458	142	122	2.853	ug/l #	38
11) Tert butyl alcohol	2.940	59	1426	7.957	ug/l #	73
13) Acrolein	2.050	56	31	Below Cal	#	15
16) Acetone	2.385	43	4465	9.120	ug/l	96
25) 2-Butanone	4.568	43	799	1.044	ug/l #	81
31) Cyclohexane	5.543	56	1832	1.065	ug/l #	4
36) 1,1-Dichloropropene	5.549	75	5748	3.624	ug/l #	50
38) Carbon Tetrachloride	5.549	117	7195	4.436	ug/l #	20
51) 4-Methyl-2-Pentanone	8.646	43	1111	0.740	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36962	30.212	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36962	103.095	ug/l #	11

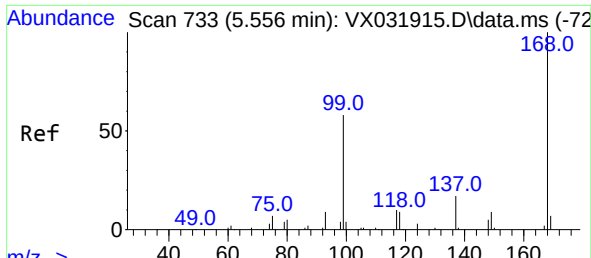
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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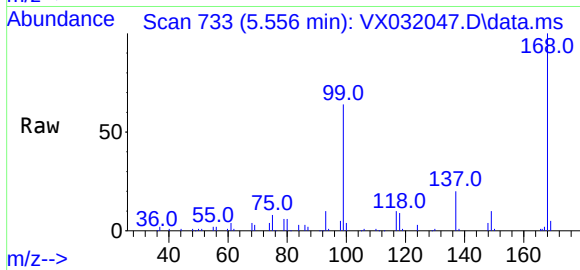
Quant Time: Oct 12 05:18:16 2022
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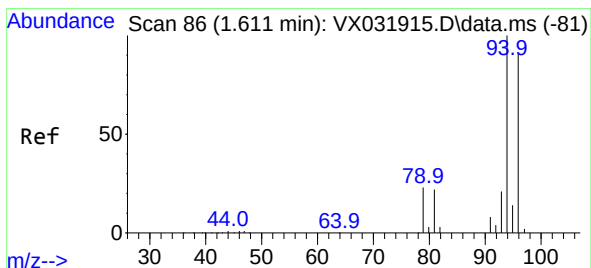
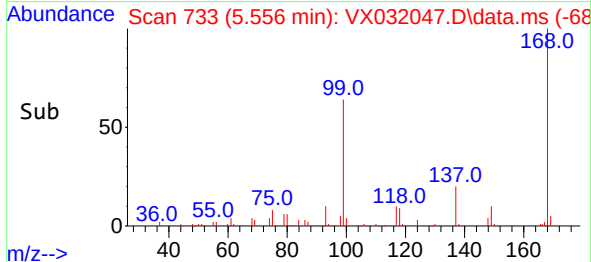
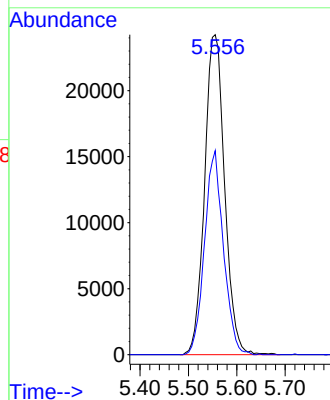


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032047.D
Acq: 11 Oct 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-883-885

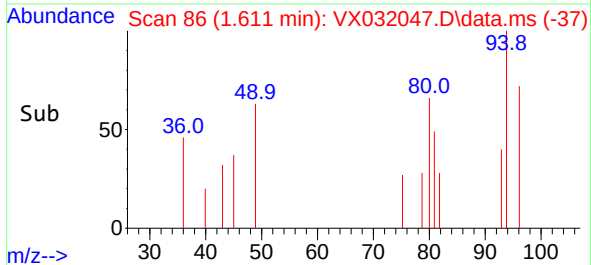
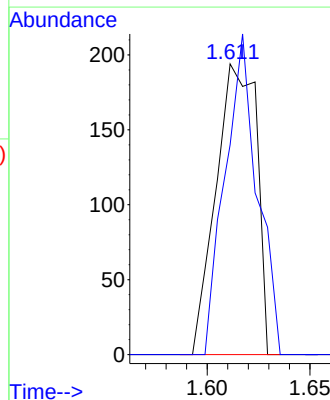
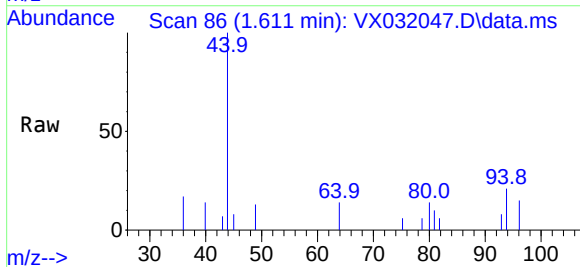


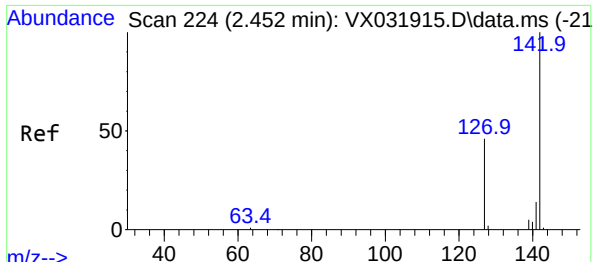
Tgt Ion:168 Resp: 69751
Ion Ratio Lower Upper
168 100
99 63.7 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX032047.D
Acq: 11 Oct 2022 19:15

Tgt Ion: 94 Resp: 267
Ion Ratio Lower Upper
94 100
96 72.2 74.4 111.6#





#10

Methyl Iodide

Concen: 2.853 ug/l

RT: 2.458 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032047.D

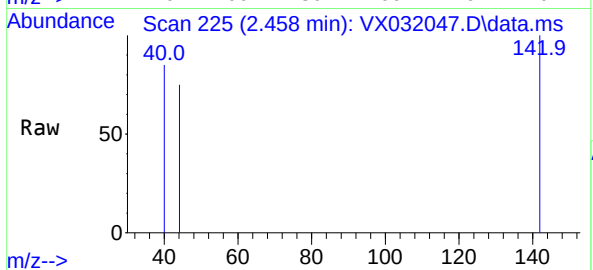
Acq: 11 Oct 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-883-885



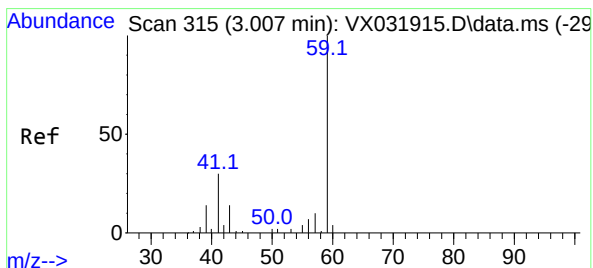
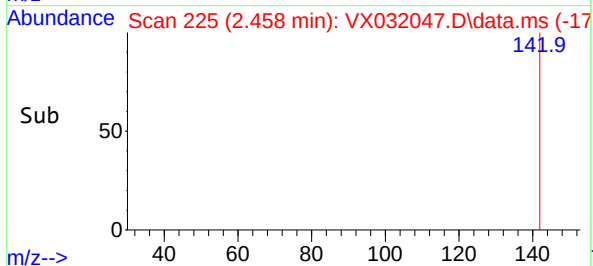
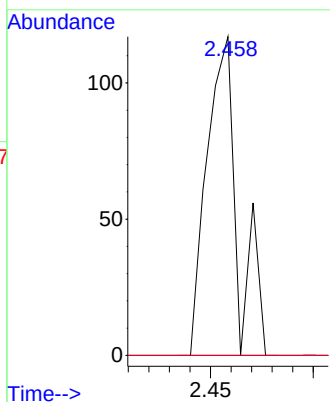
Tgt Ion:142 Resp: 122

Ion Ratio Lower Upper

142 100

127 0.0 37.4 56.0#

141 0.0 11.6 17.4#



#11

Tert butyl alcohol

Concen: 7.957 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX032047.D

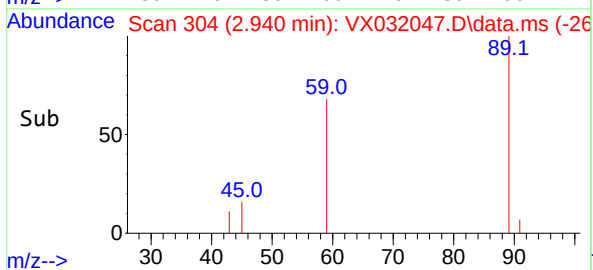
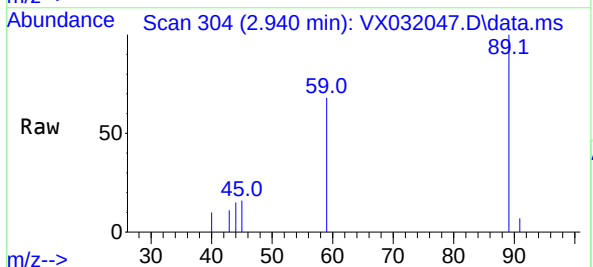
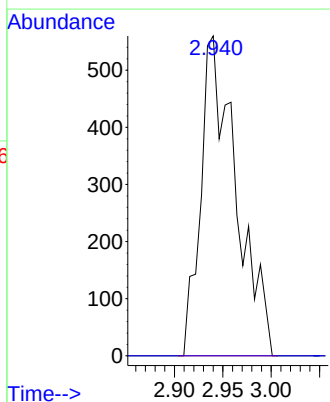
Acq: 11 Oct 2022 19:15

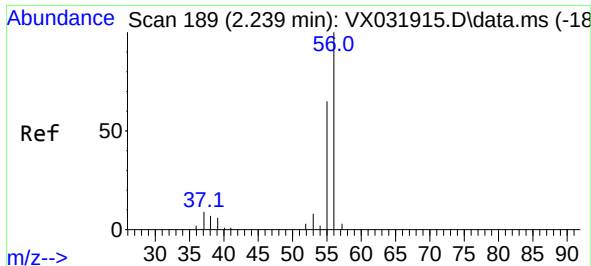
Tgt Ion: 59 Resp: 1426

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

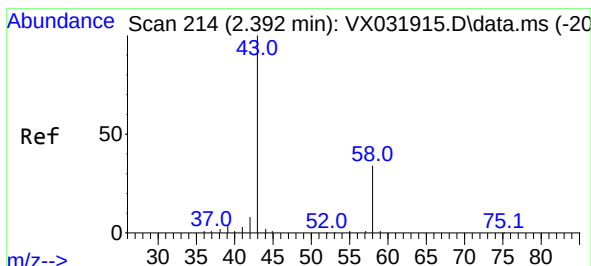
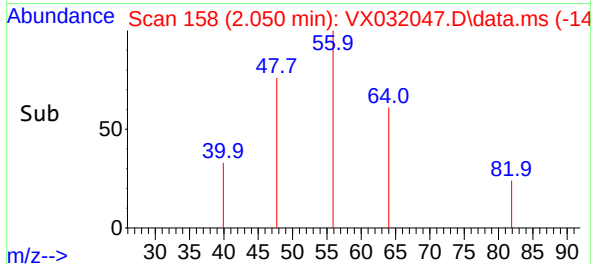
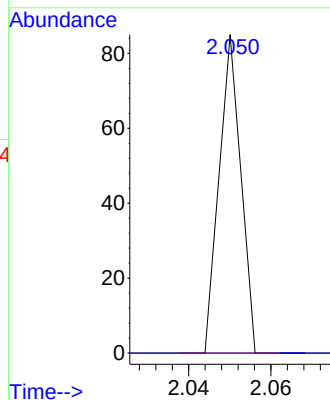
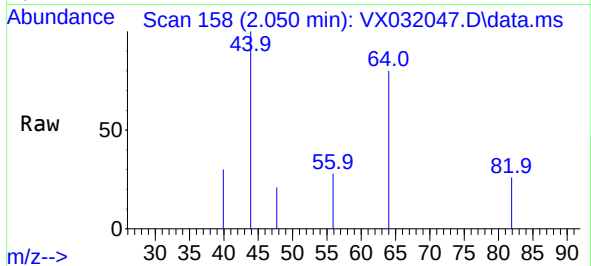




#13
Acrolein
Concen: Below Cal
RT: 2.050 min Scan# 11
Delta R.T. -0.189 min
Lab File: VX032047.D
Acq: 11 Oct 2022 19:15

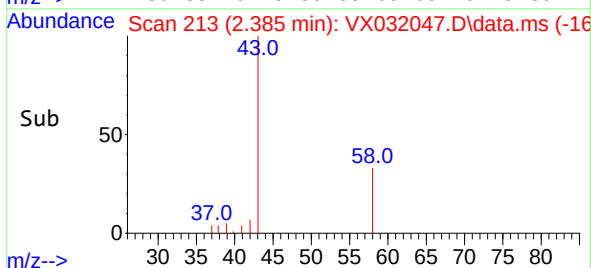
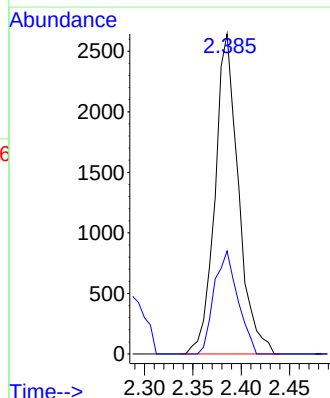
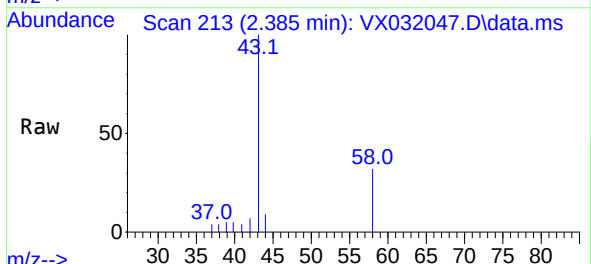
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-883-885

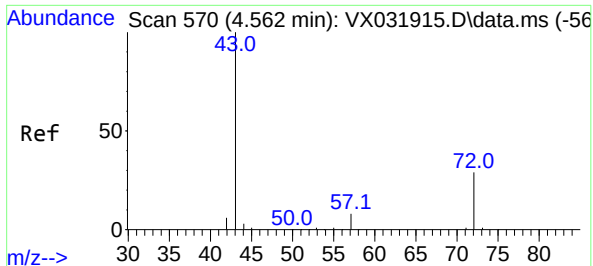
Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: 9.120 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX032047.D
Acq: 11 Oct 2022 19:15

Tgt Ion: 43 Resp: 4465
Ion Ratio Lower Upper
43 100
58 32.2 23.8 35.8





#25

2-Butanone

Concen: 1.044 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX032047.D

Acq: 11 Oct 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

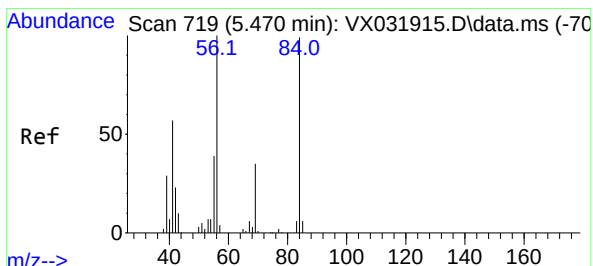
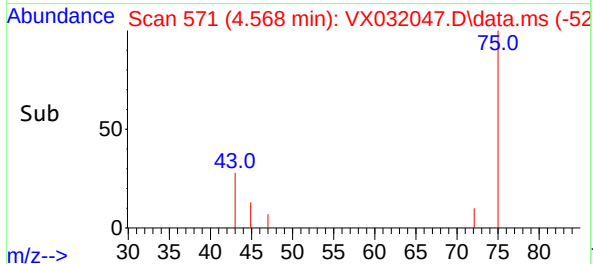
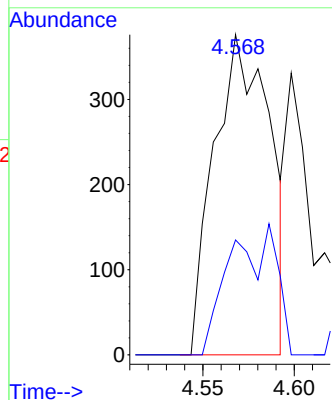
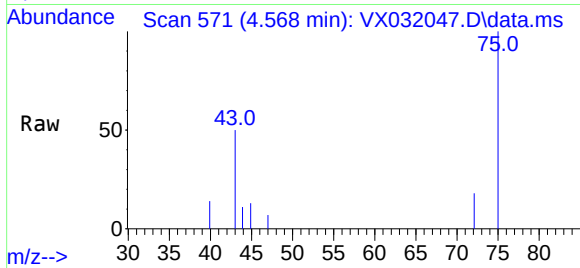
BP-VPB-RW5-GW-883-885

Tgt Ion: 43 Resp: 799

Ion Ratio Lower Upper

43 100

72 35.9 21.1 31.7#



#31

Cyclohexane

Concen: 1.065 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX032047.D

Acq: 11 Oct 2022 19:15

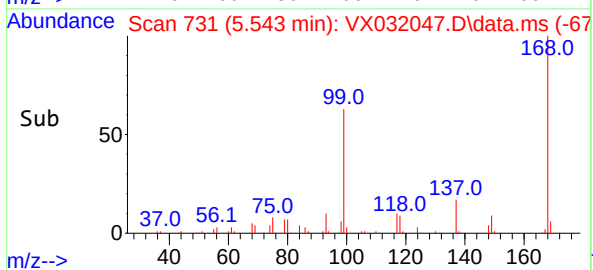
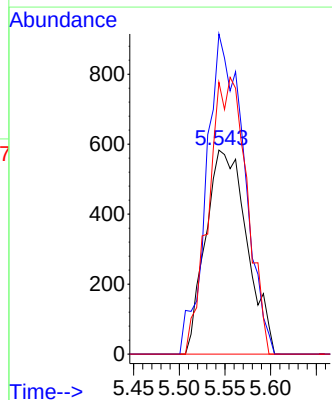
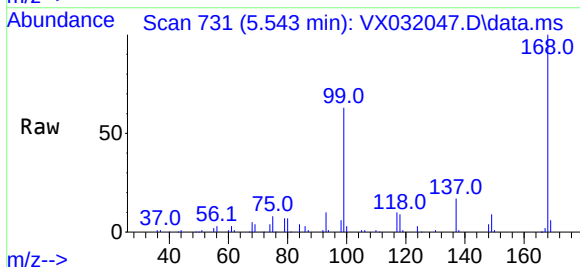
Tgt Ion: 56 Resp: 1832

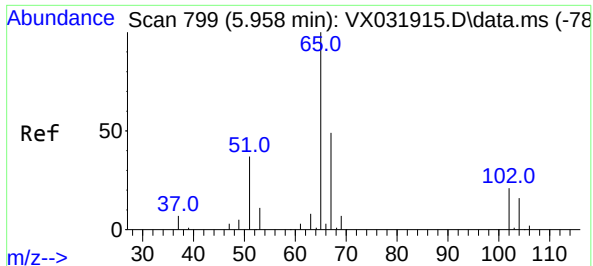
Ion Ratio Lower Upper

56 100

69 156.9 25.1 37.7#

84 133.3 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 50.140 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032047.D

Acq: 11 Oct 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

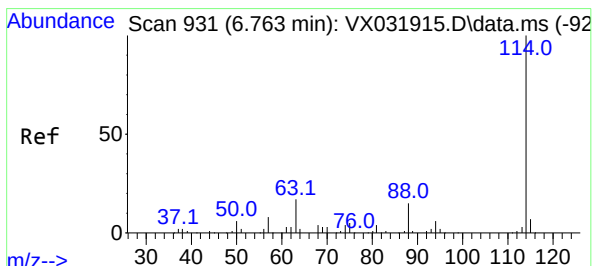
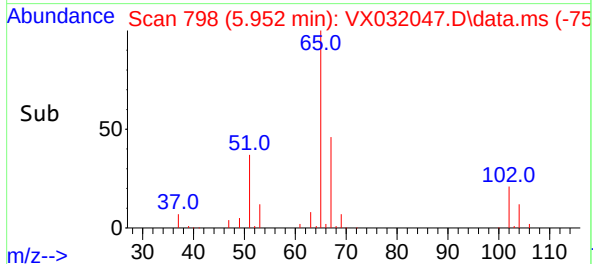
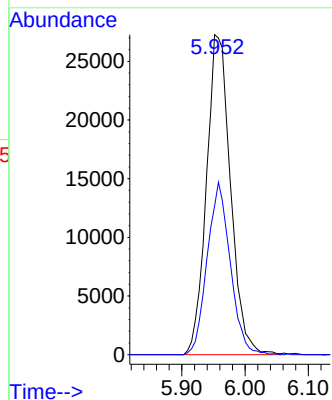
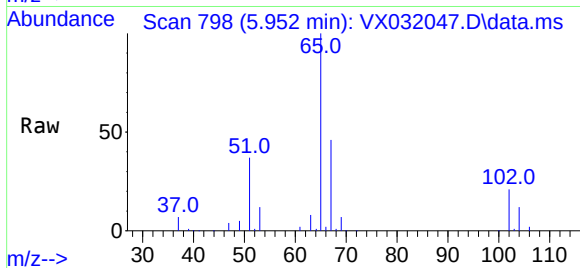
BP-VPB-RW5-GW-883-885

Tgt Ion: 65 Resp: 72227

Ion Ratio Lower Upper

65 100

67 51.4 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: VX032047.D

Acq: 11 Oct 2022 19:15

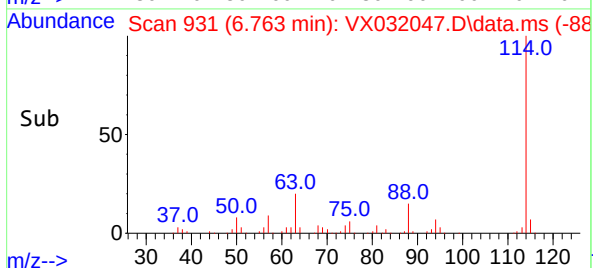
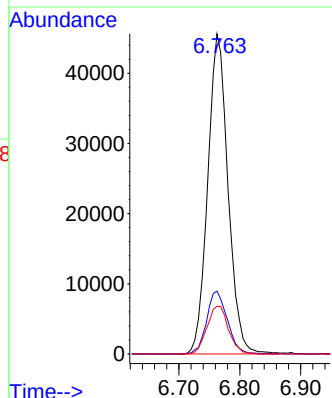
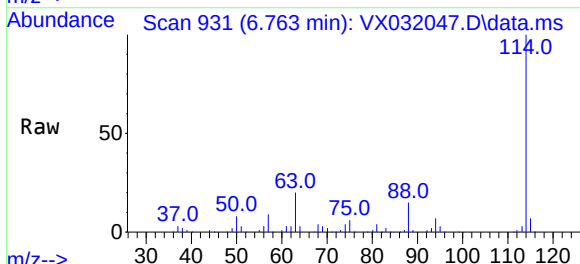
Tgt Ion: 114 Resp: 105673

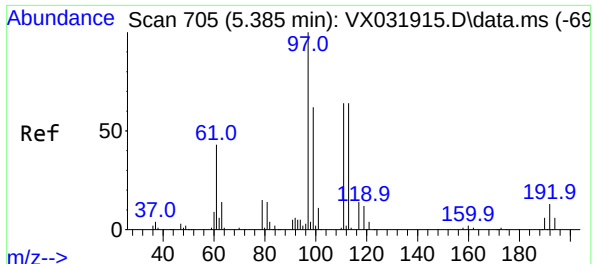
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 14.9 0.0 33.0

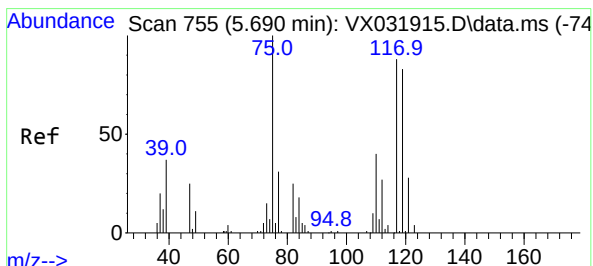
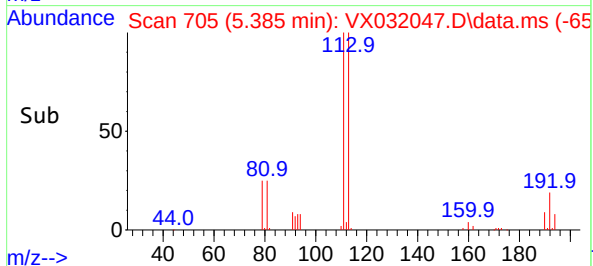
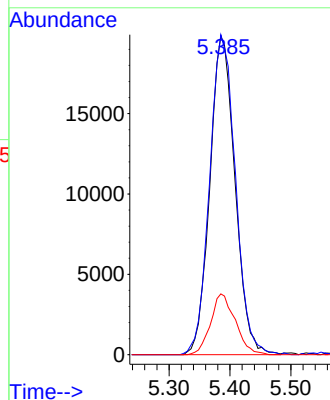
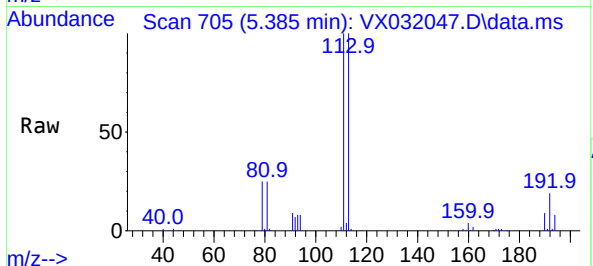




#35
Dibromofluoromethane
Concen: 47.575 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032047.D
Acq: 11 Oct 2022 19:15

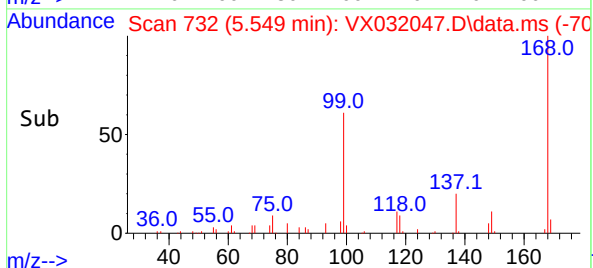
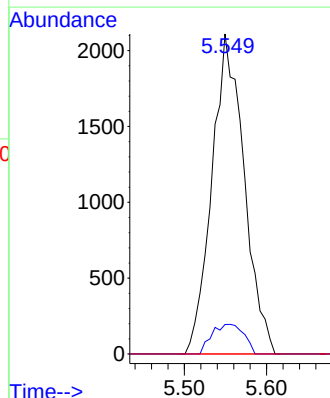
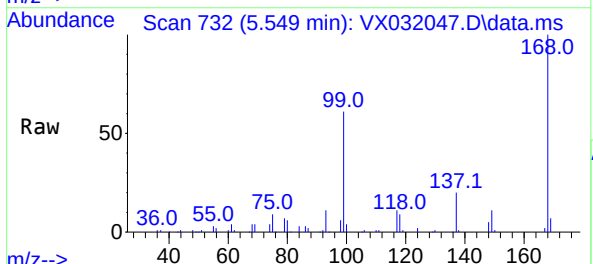
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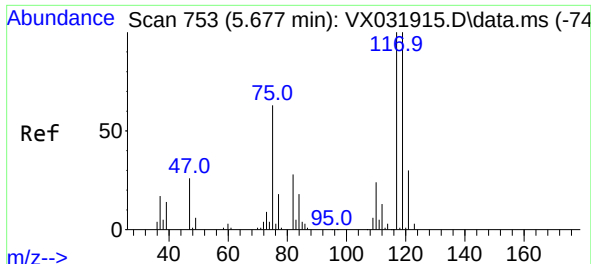
Tgt Ion:113 Resp: 56907
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.624 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX032047.D
Acq: 11 Oct 2022 19:15

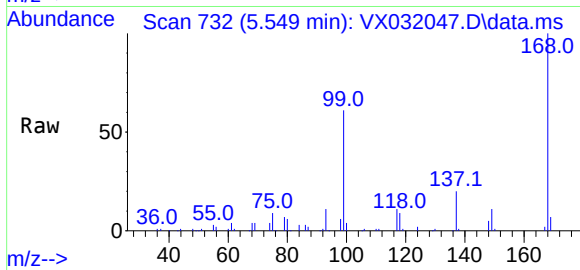
Tgt Ion: 75 Resp: 5748
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.9 37.3#



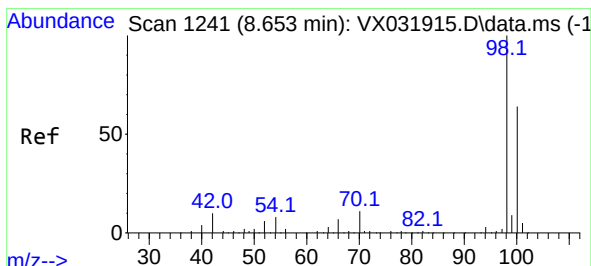
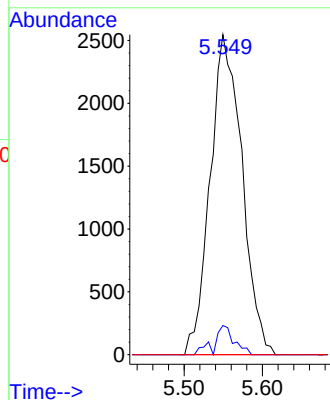
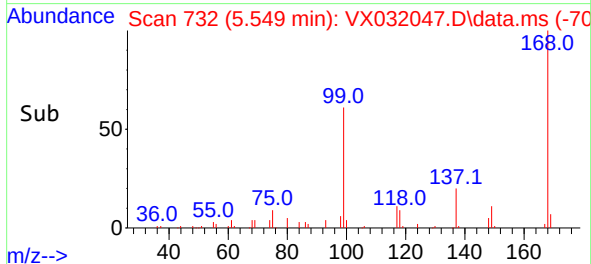


#38
Carbon Tetrachloride
Concen: 4.436 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032047.D
Acq: 11 Oct 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-883-885

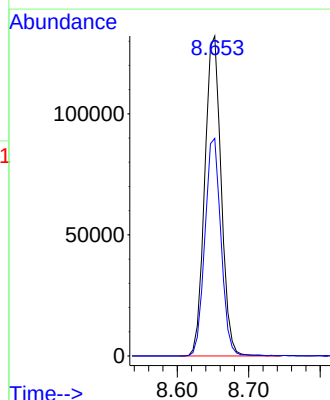
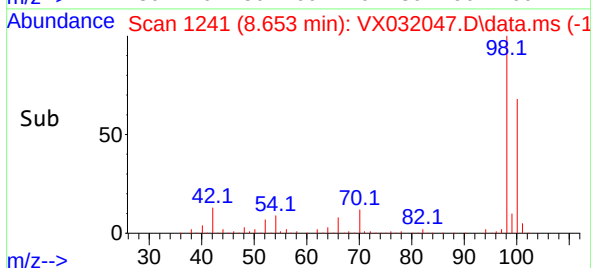
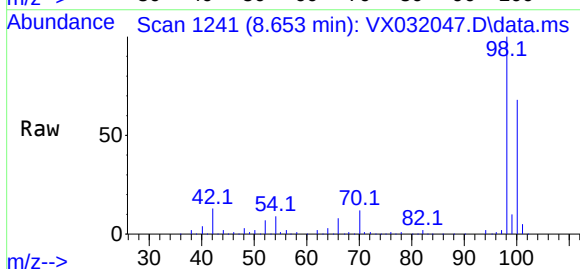


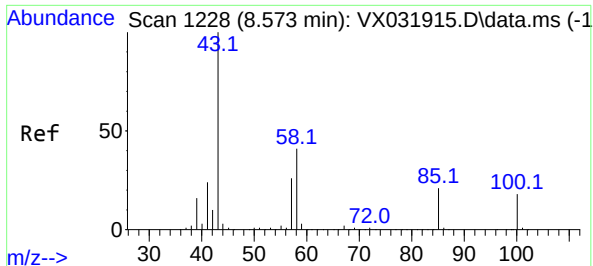
Tgt Ion:117 Resp: 7195
Ion Ratio Lower Upper
117 100
119 9.1 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.949 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032047.D
Acq: 11 Oct 2022 19:15

Tgt Ion: 98 Resp: 210685
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.740 ug/l

RT: 8.646 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032047.D

Acq: 11 Oct 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

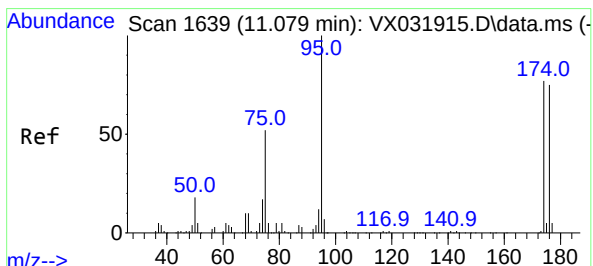
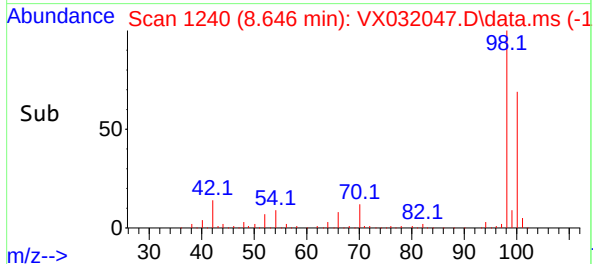
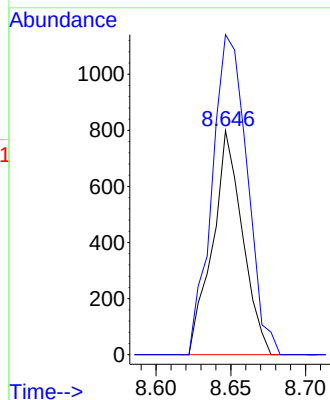
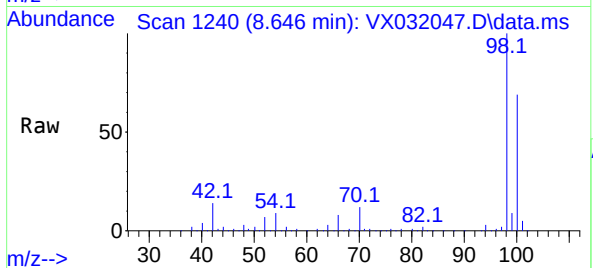
BP-VPB-RW5-GW-883-885

Tgt Ion: 43 Resp: 1111

Ion Ratio Lower Upper

43 100

58 167.7 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 44.055 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032047.D

Acq: 11 Oct 2022 19:15

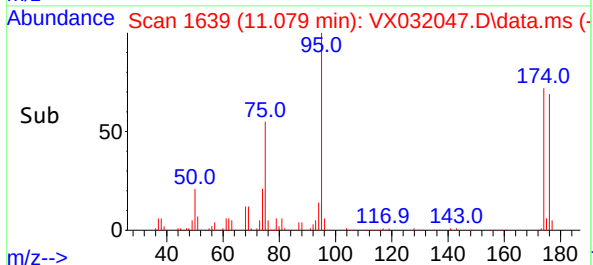
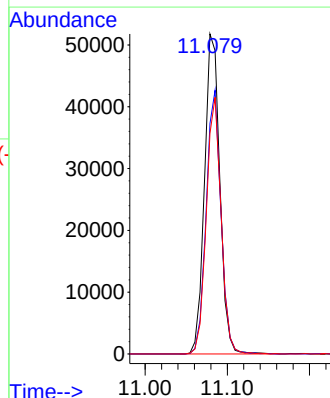
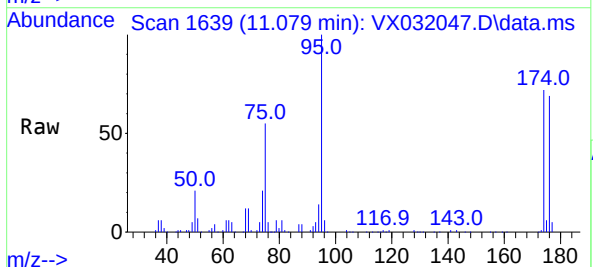
Tgt Ion: 95 Resp: 67036

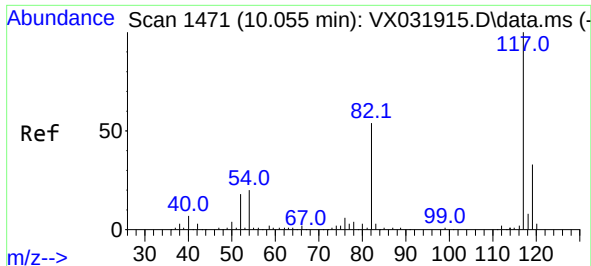
Ion Ratio Lower Upper

95 100

174 79.5 0.0 153.2

176 77.3 0.0 144.0

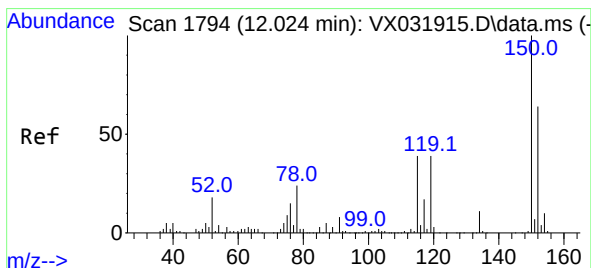
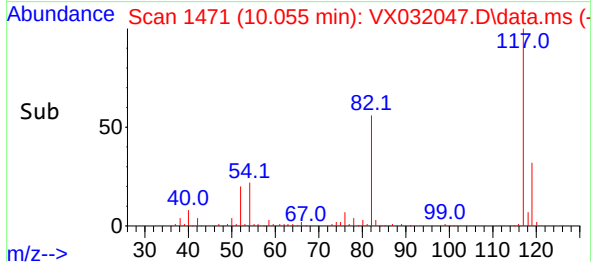
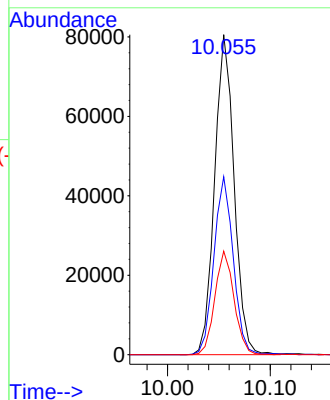
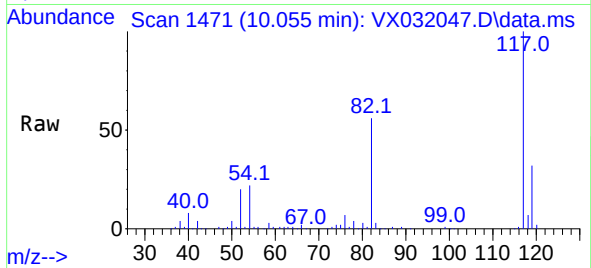




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032047.D
Acq: 11 Oct 2022 19:15

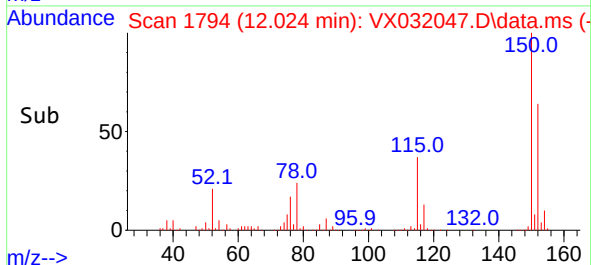
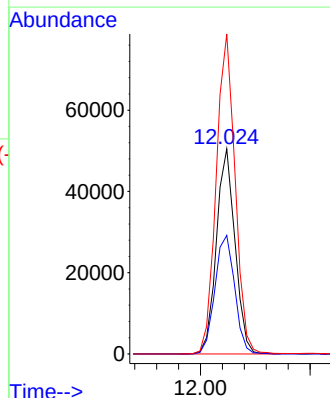
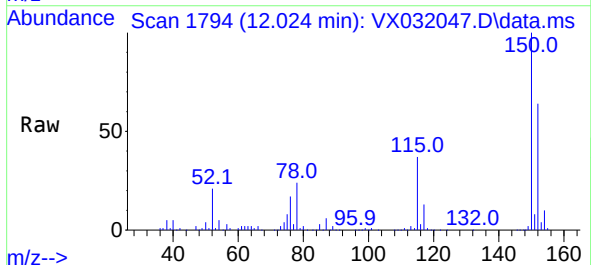
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-883-885

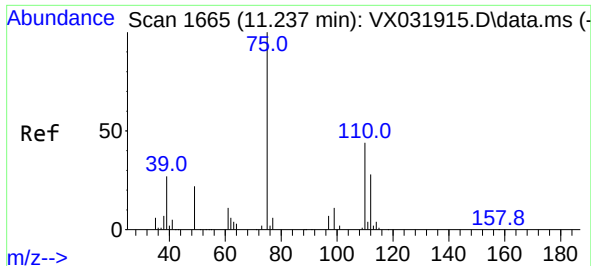
Tgt Ion:117 Resp: 106080
Ion Ratio Lower Upper
117 100
82 55.6 46.8 70.2
119 32.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032047.D
Acq: 11 Oct 2022 19:15

Tgt Ion:152 Resp: 59694
Ion Ratio Lower Upper
152 100
115 61.3 43.4 130.1
150 158.2 0.0 346.8

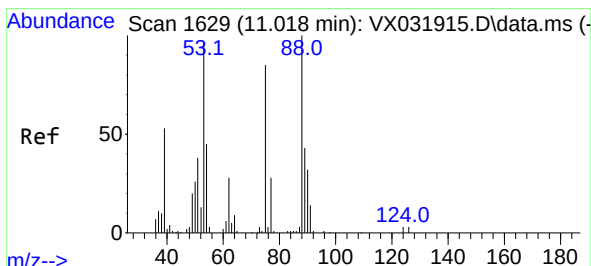
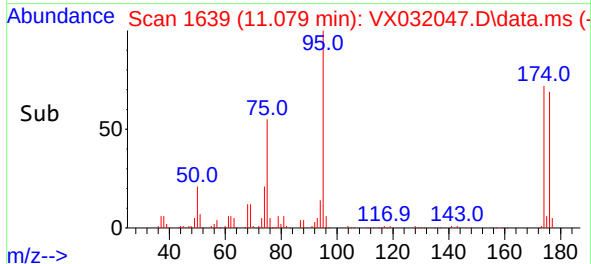
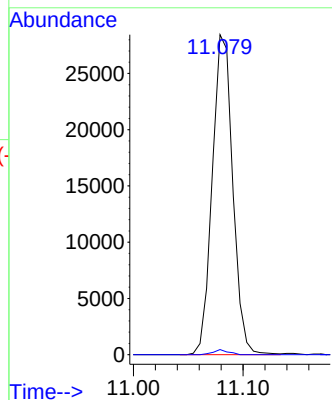
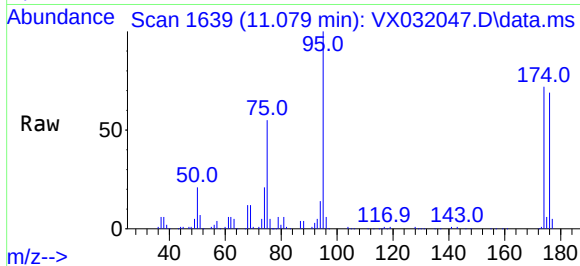




#76
1,2,3-Trichloropropane
Concen: 30.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032047.D
Acq: 11 Oct 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-883-885

Tgt Ion: 75 Resp: 36962
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.095 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032047.D
Acq: 11 Oct 2022 19:15

Tgt Ion: 75 Resp: 36962
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

