

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031983.D
 Acq On : 08 Oct 2022 01:09
 Operator : JC/MD
 Sample : N5061-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-01-204-224-100722-FD

Quant Time: Oct 08 06:34:06 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

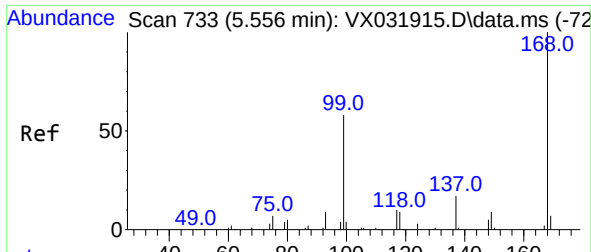
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	52802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	85291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59494	54.558	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.120%			
35) Dibromofluoromethane	5.385	113	48506	50.242	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.480%			
50) Toluene-d8	8.652	98	170327	49.029	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.060%			
62) 4-Bromofluorobenzene	11.079	95	58672	47.772	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.540%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	192	Below Cal	#	51
10) Methyl Iodide	2.465	142	152	2.917	ug/l #	38
11) Tert butyl alcohol	2.952	59	84	0.619	ug/l #	73
16) Acetone	2.391	43	1183	3.192	ug/l #	86
31) Cyclohexane	5.549	56	1119	0.859	ug/l #	53
36) 1,1-Dichloropropene	5.556	75	4216	3.293	ug/l #	49
38) Carbon Tetrachloride	5.556	117	5498	4.200	ug/l #	18
44) Trichloroethene	7.128	130	367	0.334	ug/l	75
51) 4-Methyl-2-Pentanone	8.646	43	699	0.577	ug/l #	1
52) Toluene	8.720	92	17521	7.148	ug/l	100
53) t-1,3-Dichloropropene	8.726	75	198	1.353	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31300	26.849	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31300	92.018	ug/l #	11

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

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Response via : Initial Calibration

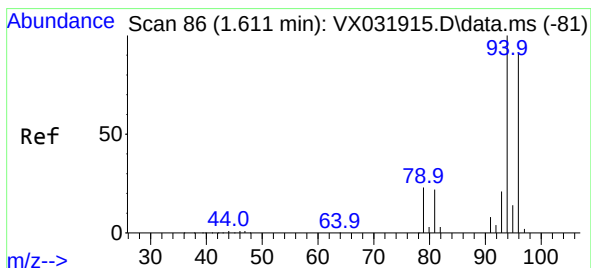
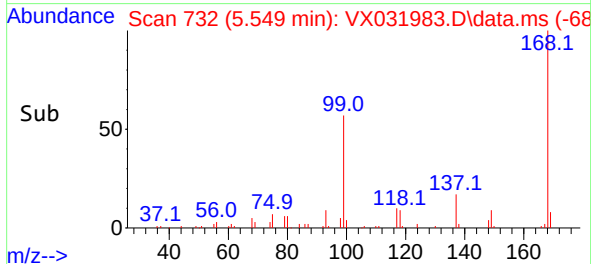
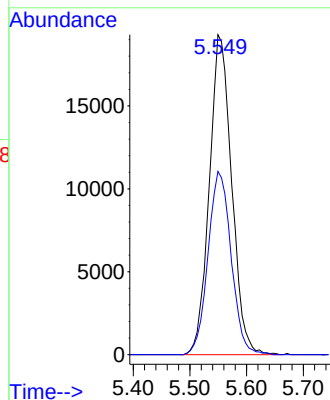
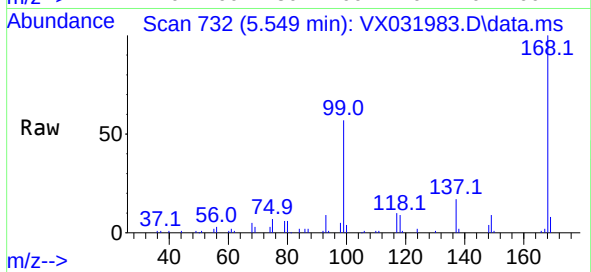




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

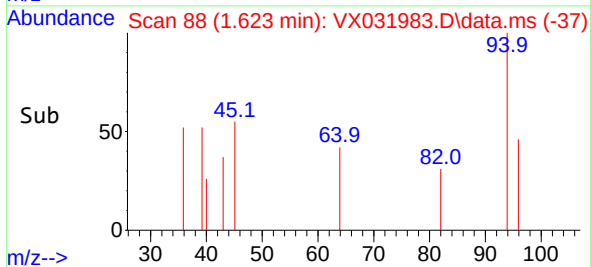
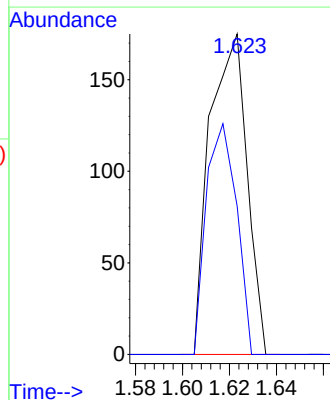
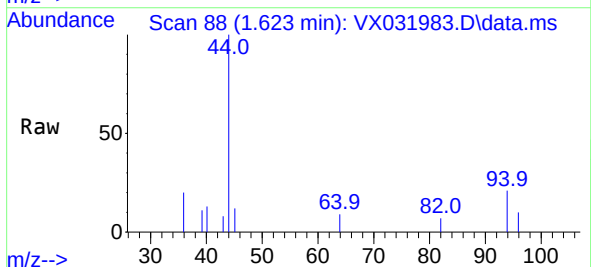
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-204-224-100722-FD

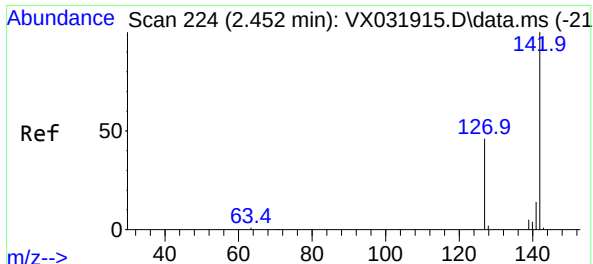
Tgt Ion:168 Resp: 52802
Ion Ratio Lower Upper
168 100
99 57.3 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

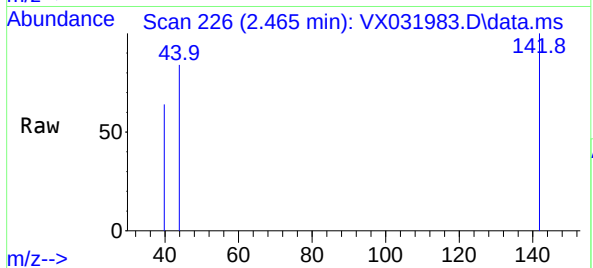
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 46.3 74.4 111.6#



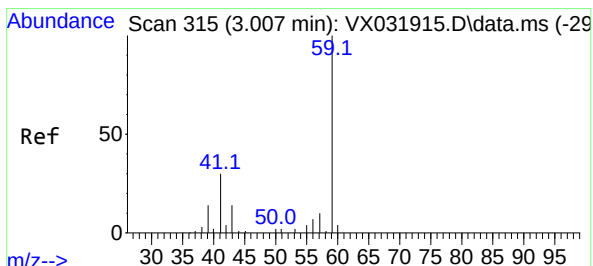
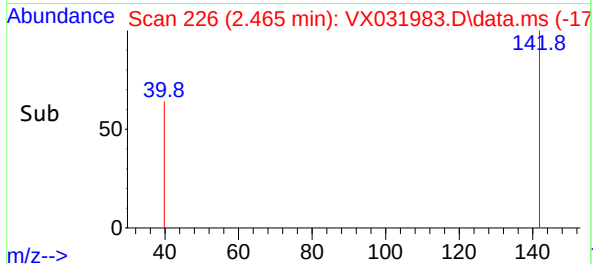
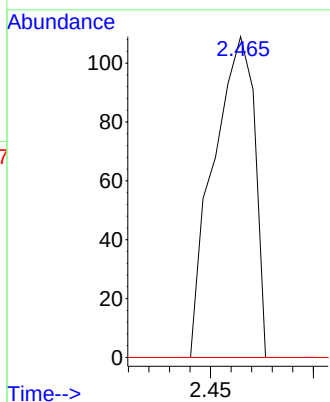


#10
Methyl Iodide
Concen: 2.917 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-204-224-100722-FD

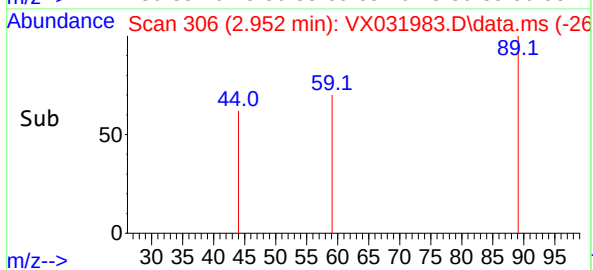
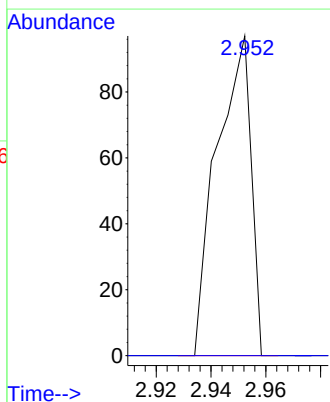
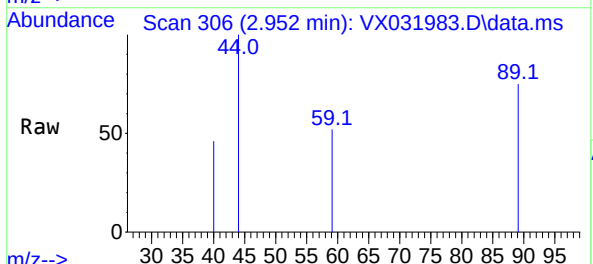


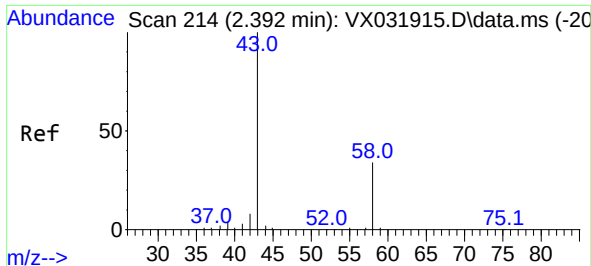
Tgt Ion:142 Resp: 152
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.619 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.055 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

Tgt Ion: 59 Resp: 84
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

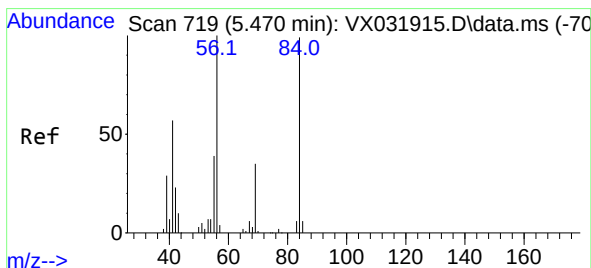
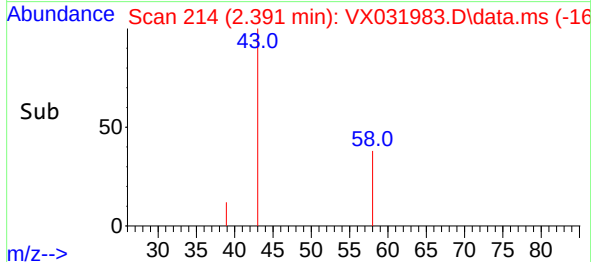
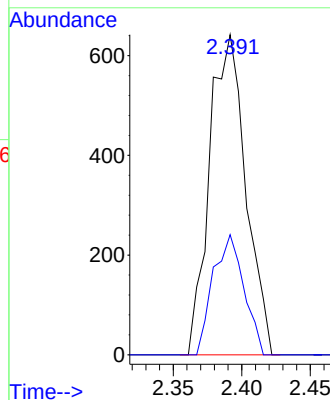
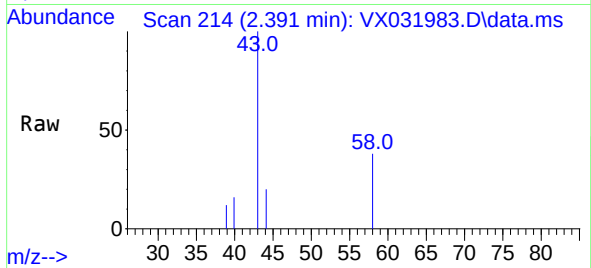




#16
Acetone
Concen: 3.192 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

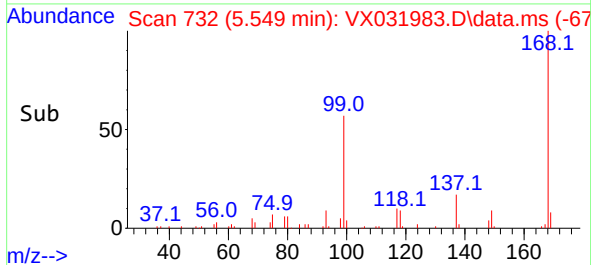
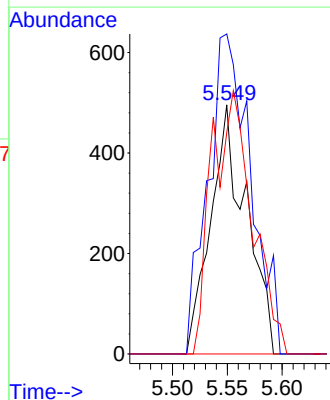
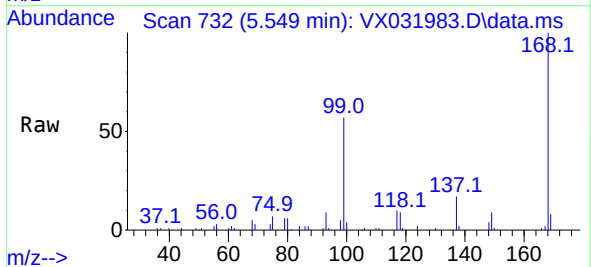
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-204-224-100722-FD

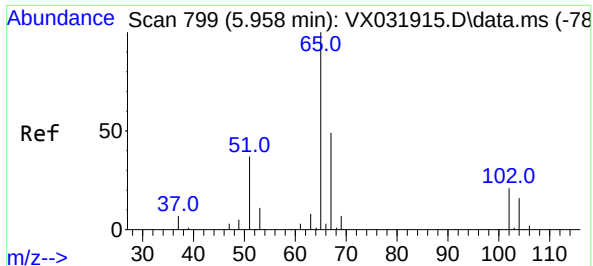
Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
58 37.5 23.8 35.8#



#31
Cyclohexane
Concen: 0.859 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

Tgt Ion: 56 Resp: 1119
Ion Ratio Lower Upper
56 100
69 128.4 25.1 37.7#
84 88.9 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 54.558 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031983.D

Acq: 08 Oct 2022 01:09

Instrument :

MSVOA_X

ClientSampleId :

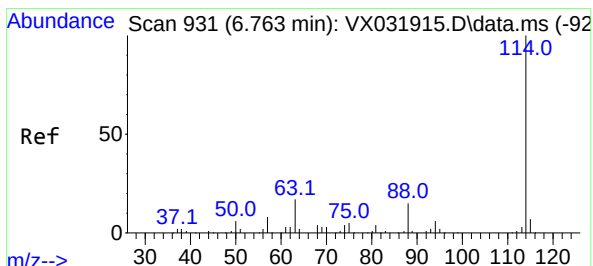
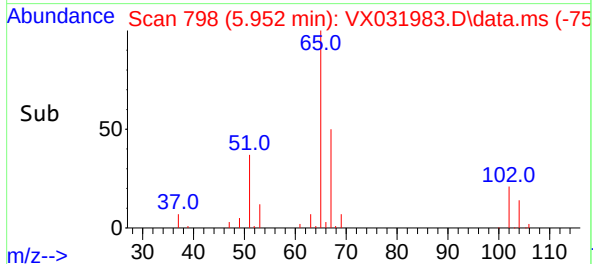
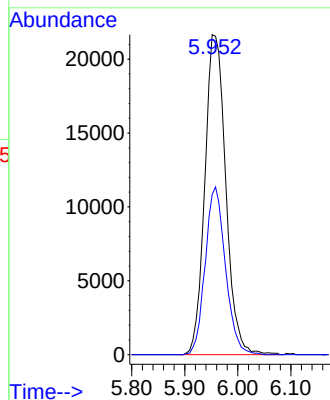
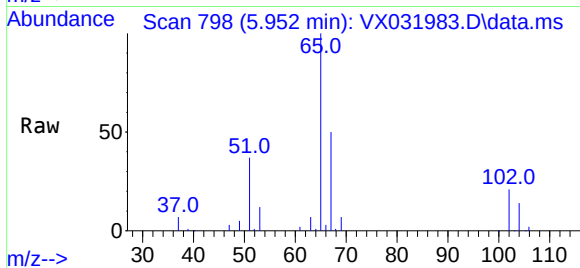
GWOW-BR-01-204-224-100722-FD

Tgt Ion: 65 Resp: 59494

Ion Ratio Lower Upper

65 100

67 50.6 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: VX031983.D

Acq: 08 Oct 2022 01:09

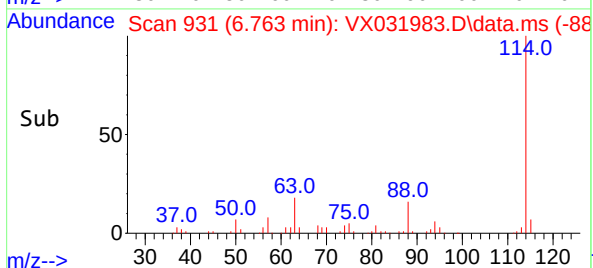
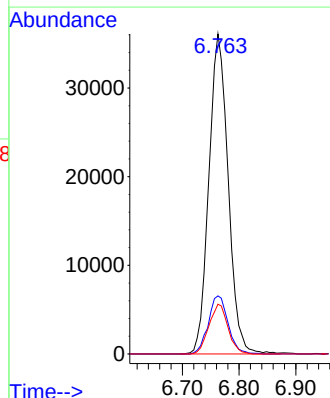
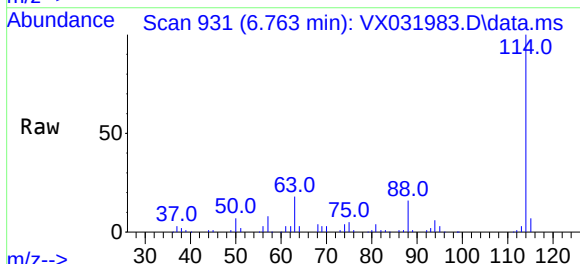
Tgt Ion: 114 Resp: 85291

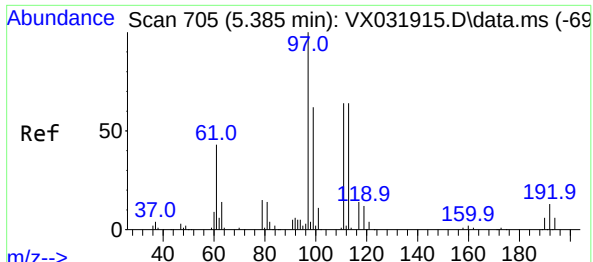
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

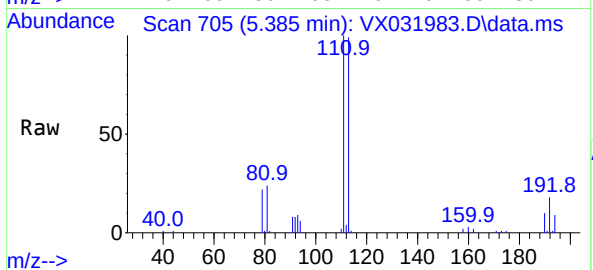
88 15.6 0.0 33.0



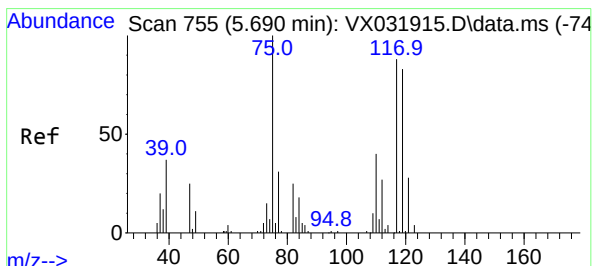
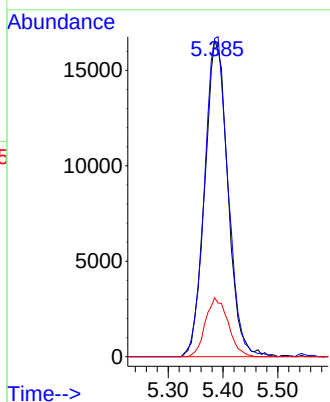
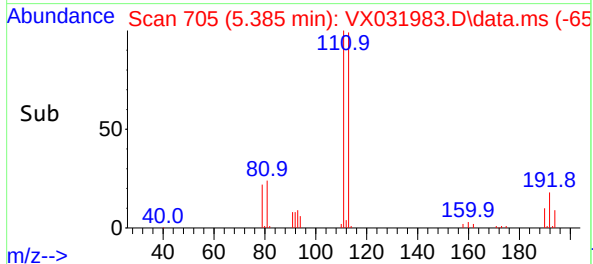


#35
Dibromofluoromethane
Concen: 50.242 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

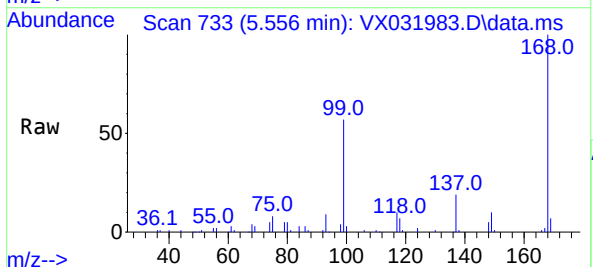
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-204-224-100722-FD



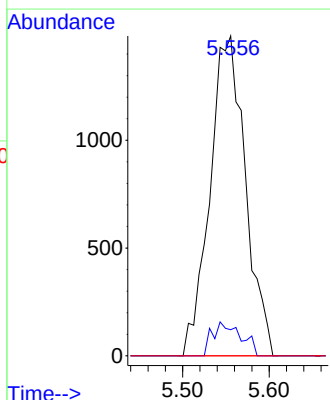
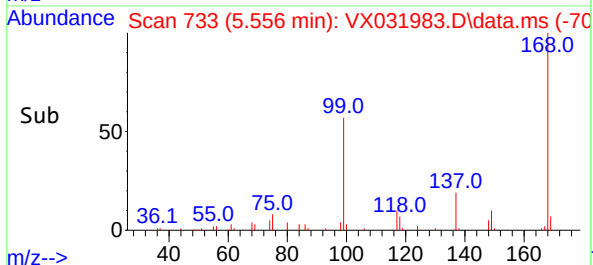
Tgt Ion:113 Resp: 48506
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.3 14.1 21.1

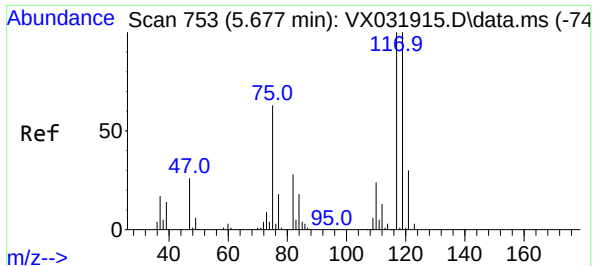


#36
1,1-Dichloropropene
Concen: 3.293 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.135 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09



Tgt Ion: 75 Resp: 4216
Ion Ratio Lower Upper
75 100
110 8.5 17.5 52.5#
77 0.0 24.9 37.3#

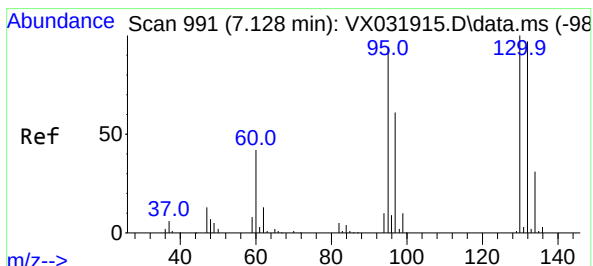
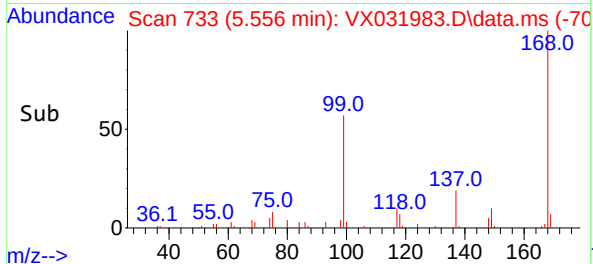
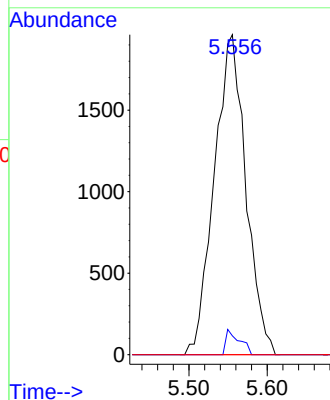
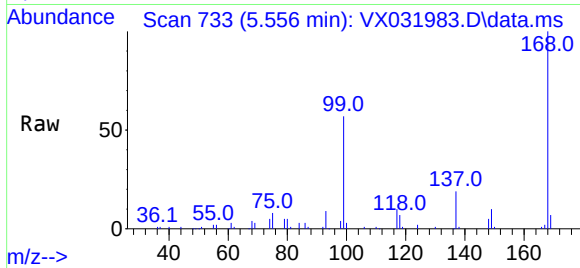




#38
Carbon Tetrachloride
Concen: 4.200 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

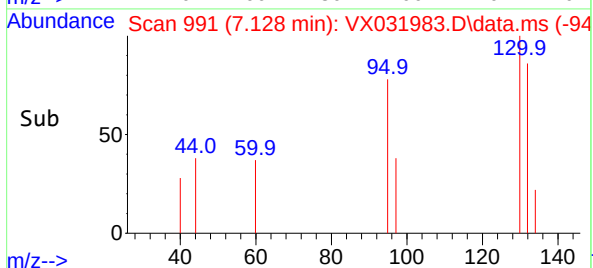
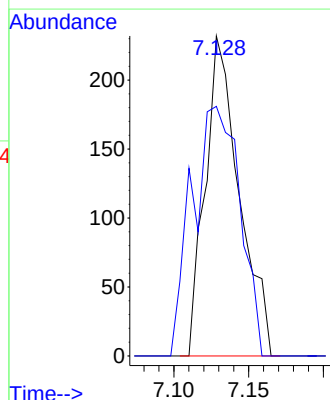
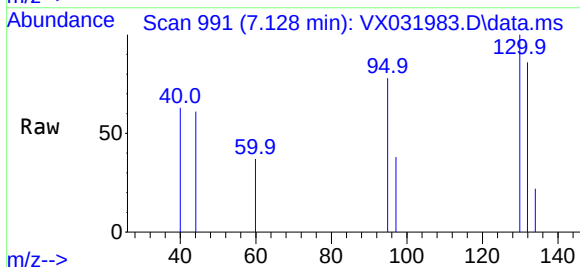
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-204-224-100722-FD

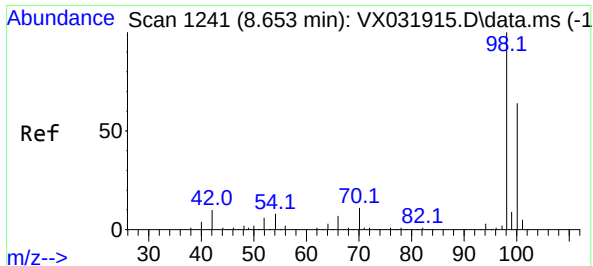
Tgt Ion:117 Resp: 5498
Ion Ratio Lower Upper
117 100
119 5.9 74.6 112.0#
121 0.0 25.3 37.9#



#44
Trichloroethene
Concen: 0.334 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

Tgt Ion:130 Resp: 367
Ion Ratio Lower Upper
130 100
95 78.0 0.0 206.8





#50

Toluene-d8

Concen: 49.029 ug/l

RT: 8.652 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX031983.D

Acq: 08 Oct 2022 01:09

Instrument :

MSVOA_X

ClientSampleId :

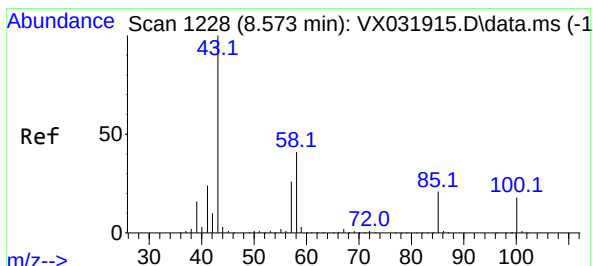
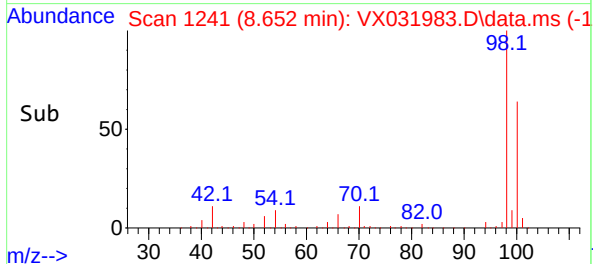
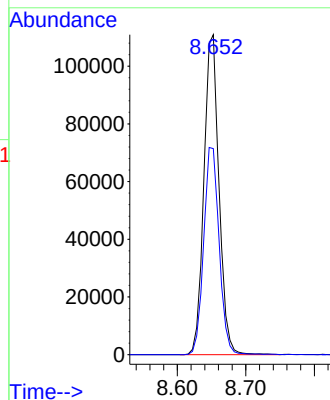
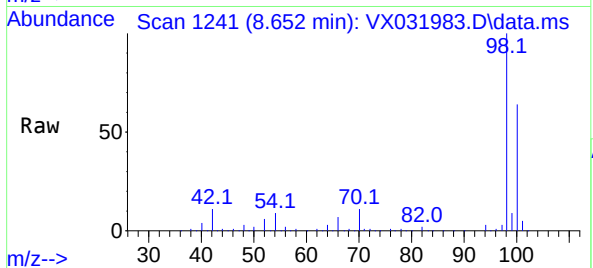
GWOW-BR-01-204-224-100722-FD

Tgt Ion: 98 Resp: 170327

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.577 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX031983.D

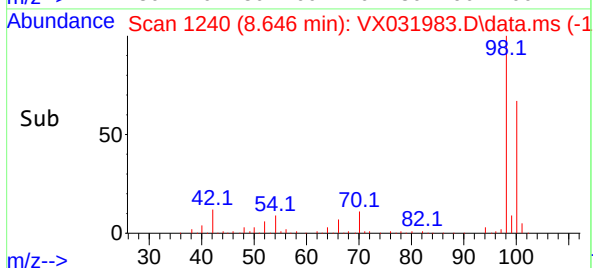
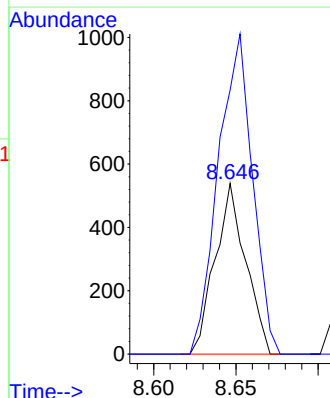
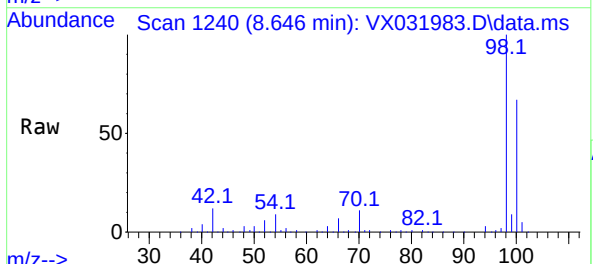
Acq: 08 Oct 2022 01:09

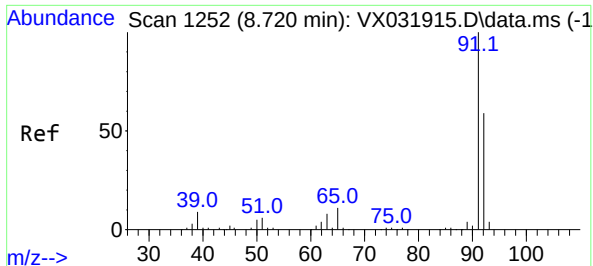
Tgt Ion: 43 Resp: 699

Ion Ratio Lower Upper

43 100

58 210.0 30.6 46.0#

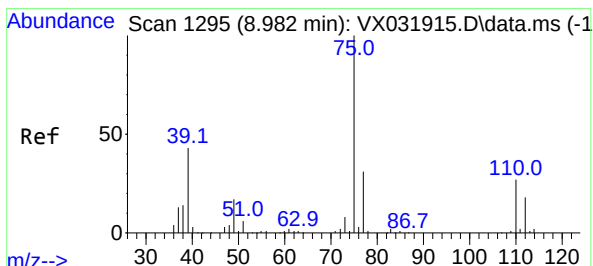
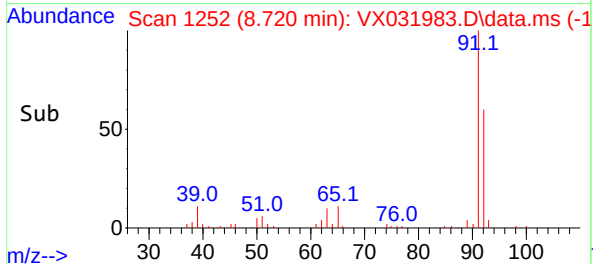
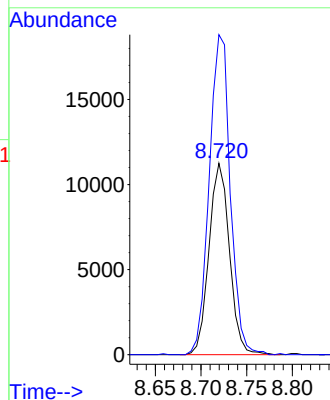
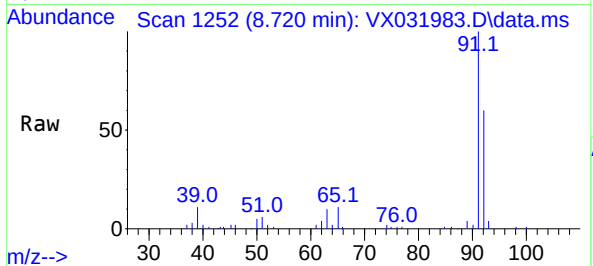




#52
Toluene
Concen: 7.148 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

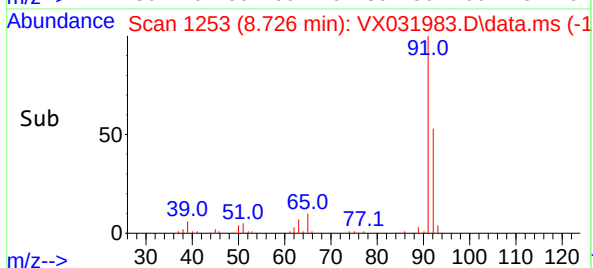
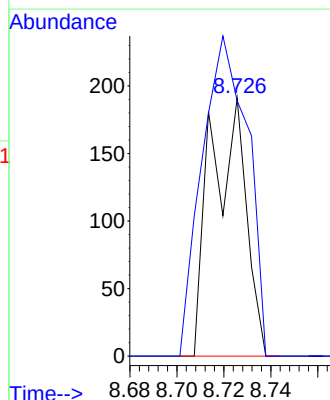
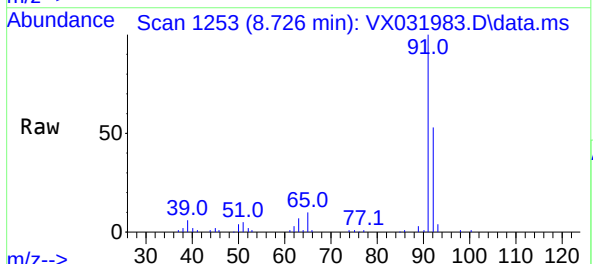
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-204-224-100722-FD

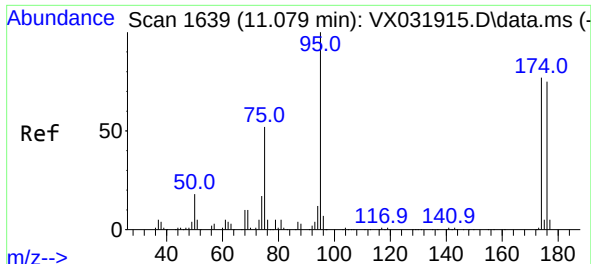
Tgt Ion: 92 Resp: 17521
Ion Ratio Lower Upper
92 100
91 171.9 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 1.353 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.256 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
77 99.0 24.8 37.2#





#62

4-Bromofluorobenzene

Concen: 47.772 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031983.D

Acq: 08 Oct 2022 01:09

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-01-204-224-100722-FD

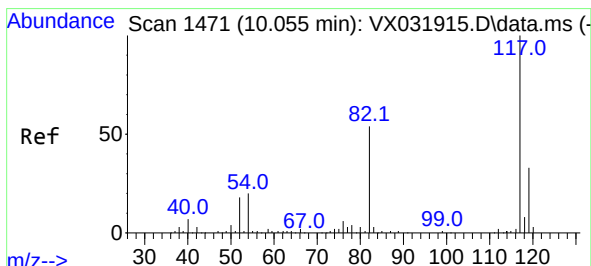
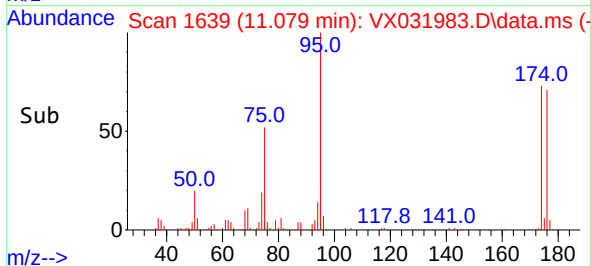
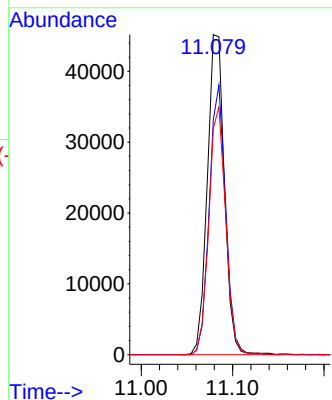
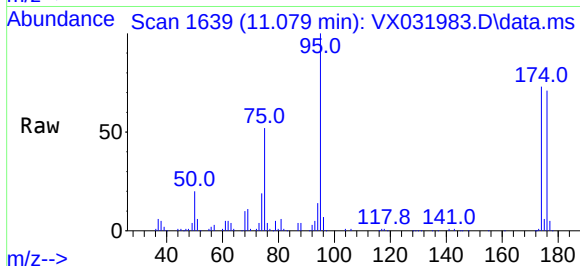
Tgt Ion: 95 Resp: 58672

Ion Ratio Lower Upper

95 100

174 81.0 0.0 153.2

176 76.3 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: VX031983.D

Acq: 08 Oct 2022 01:09

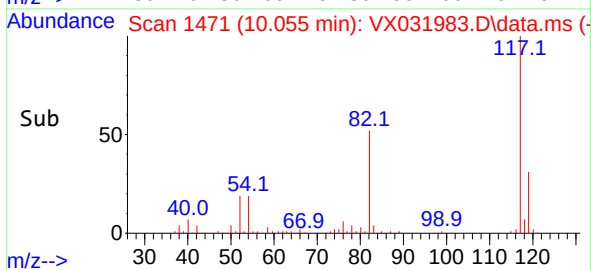
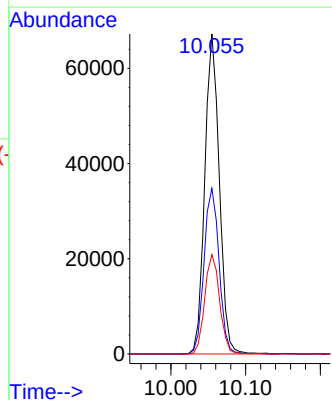
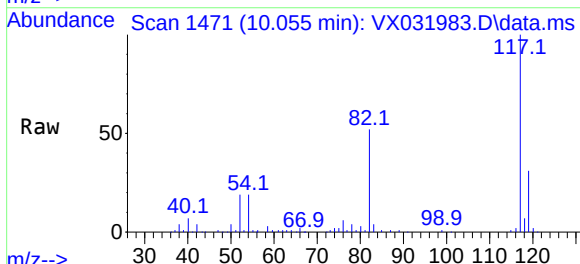
Tgt Ion: 117 Resp: 90803

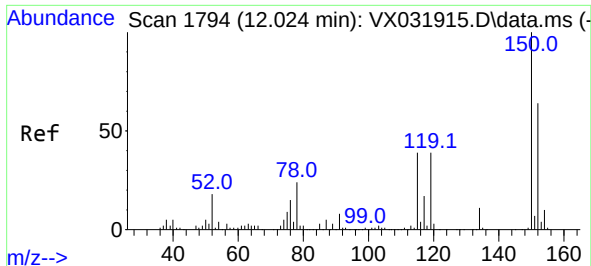
Ion Ratio Lower Upper

117 100

82 51.7 46.8 70.2

119 31.1 26.4 39.6

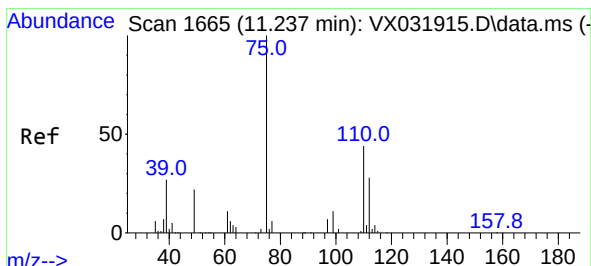
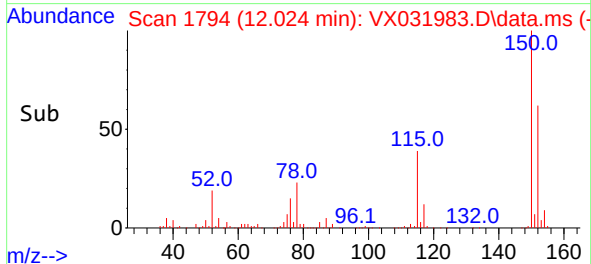
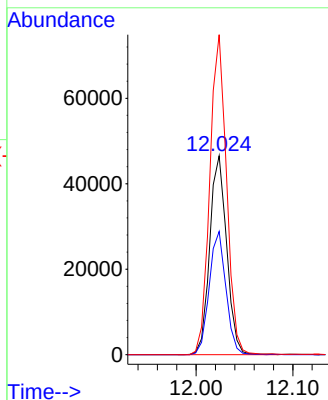
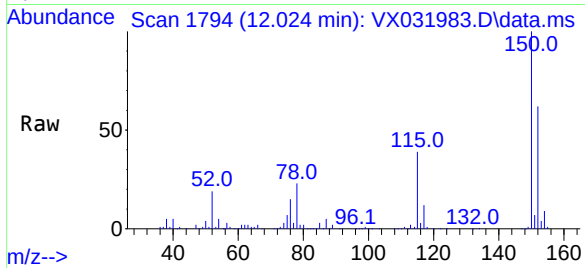




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

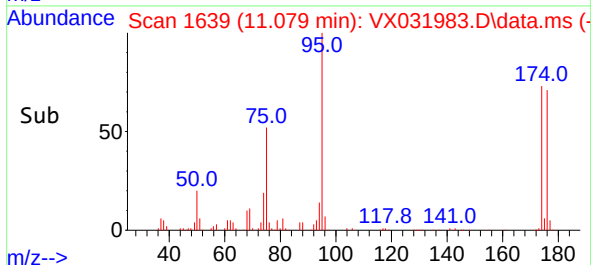
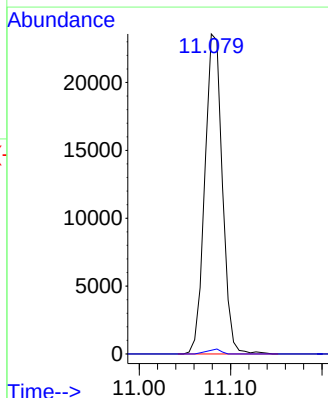
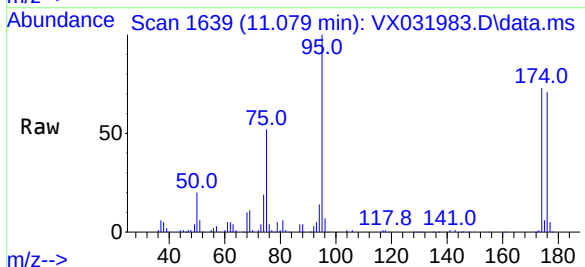
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-204-224-100722-FD

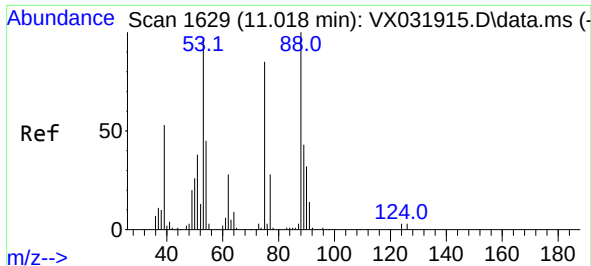
Tgt Ion:152 Resp: 56882
Ion Ratio Lower Upper
152 100
115 61.0 43.4 130.1
150 158.6 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 26.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

Tgt Ion: 75 Resp: 31300
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.018 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031983.D
Acq: 08 Oct 2022 01:09

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-204-224-100722-FD

Tgt Ion: 75 Resp: 31300
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

