

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031961.D
 Acq On : 07 Oct 2022 14:48
 Operator : JC/MD
 Sample : N5050-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-01-160-180-100622

Quant Time: Oct 08 05:11:41 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)

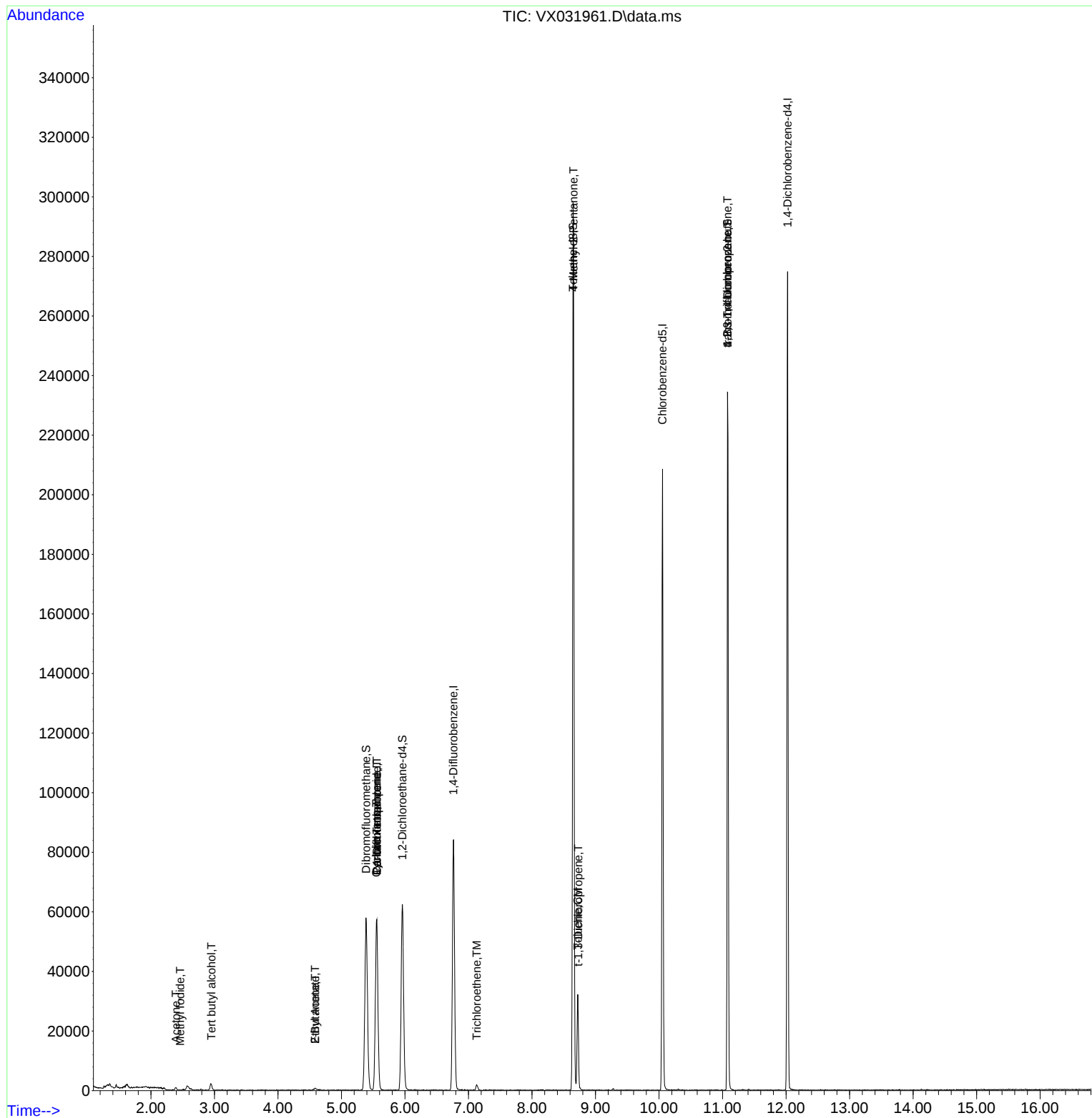
Internal Standards						
1) Pentafluorobenzene	5.556	168	53592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	87270	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58846	53.168	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.340%	
35) Dibromofluoromethane	5.385	113	47715	48.302	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.600%	
50) Toluene-d8	8.647	98	175342	49.328	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	11.079	95	60321	48.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	311	Below Cal		88
10) Methyl Iodide	2.459	142	65	2.823	ug/l #	38
11) Tert butyl alcohol	2.953	59	1358	9.862	ug/l #	73
16) Acetone	2.392	43	1126	2.993	ug/l #	87
25) 2-Butanone	4.587	43	283	0.481	ug/l #	49
31) Cyclohexane	5.550	56	1082	0.818	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	4361	3.329	ug/l #	48
37) Ethyl Acetate	4.587	43	283	0.229	ug/l #	68
38) Carbon Tetrachloride	5.556	117	5509	4.113	ug/l #	17
44) Trichloroethene	7.129	130	815	0.725	ug/l	79
51) 4-Methyl-2-Pentanone	8.653	43	746	0.602	ug/l #	1
52) Toluene	8.720	92	12135	4.839	ug/l	94
53) t-1,3-Dichloropropene	8.726	75	118	1.292	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	30961	26.479	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30961	90.802	ug/l #	11

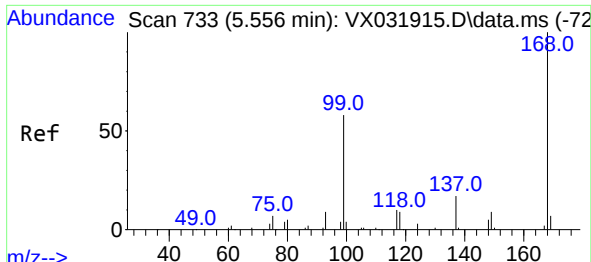
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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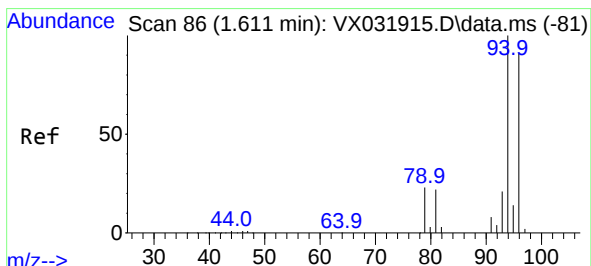
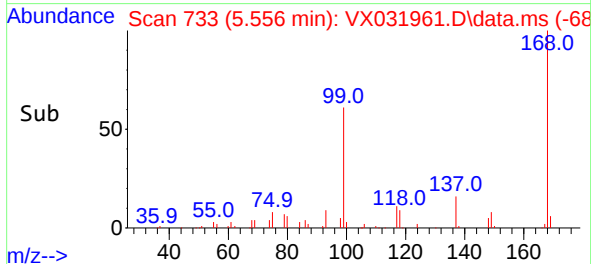
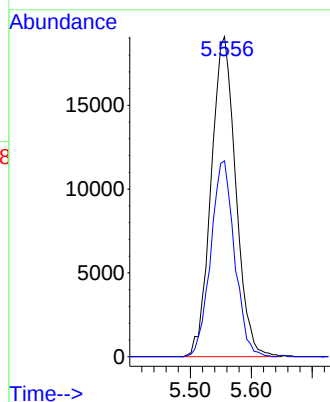
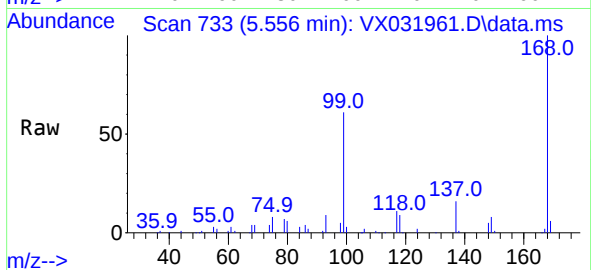




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

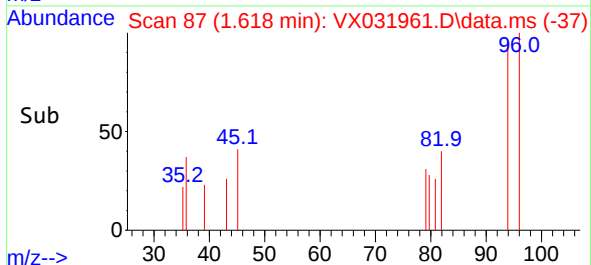
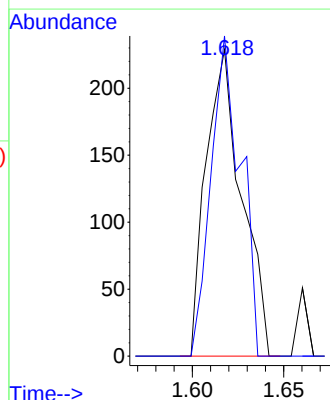
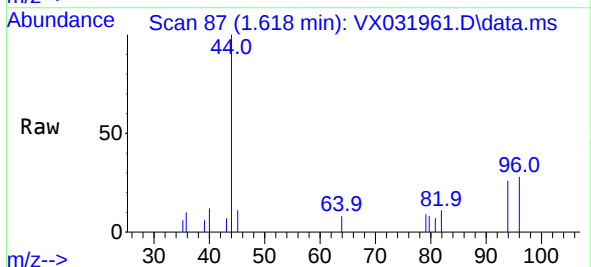
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-160-180-100622

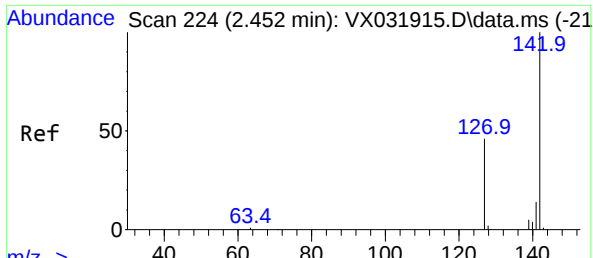
Tgt Ion:168 Resp: 53592
Ion Ratio Lower Upper
168 100
99 61.2 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

Tgt Ion: 94 Resp: 311
Ion Ratio Lower Upper
94 100
96 104.4 74.4 111.6

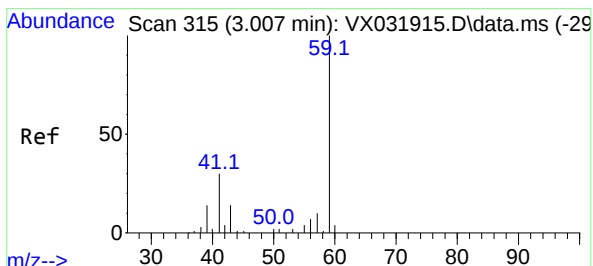
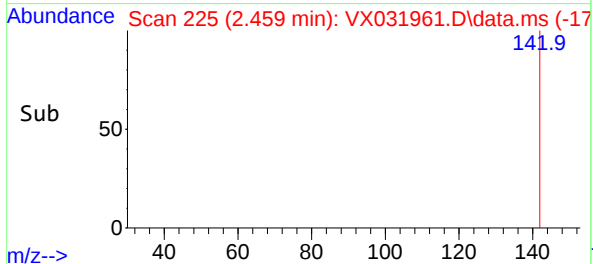
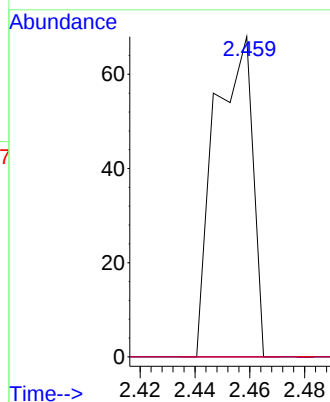
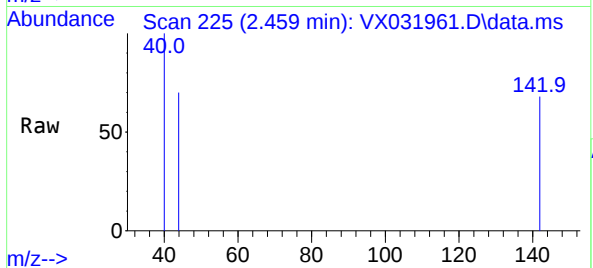




#10
Methyl Iodide
Concen: 2.823 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

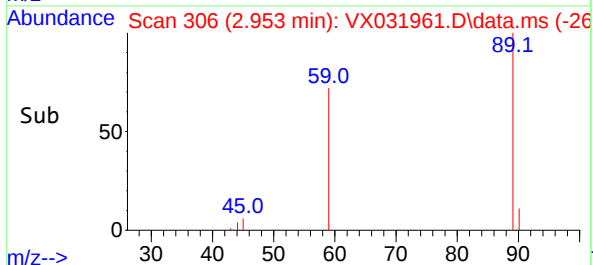
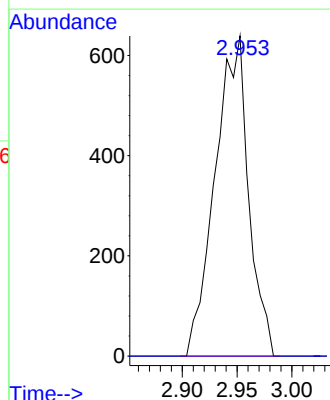
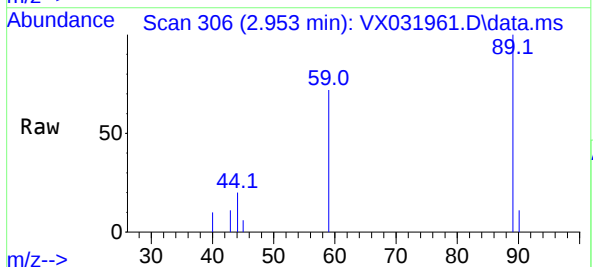
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-160-180-100622

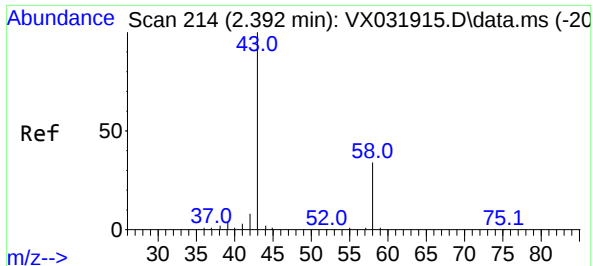
Tgt Ion:142 Resp: 65
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 9.862 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

Tgt Ion: 59 Resp: 1358
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

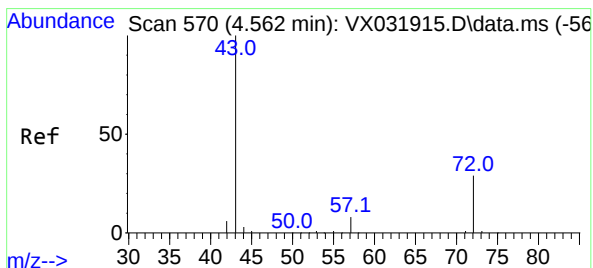
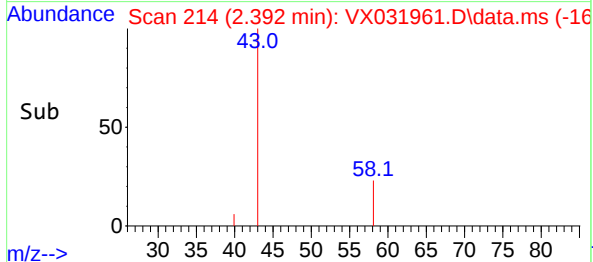
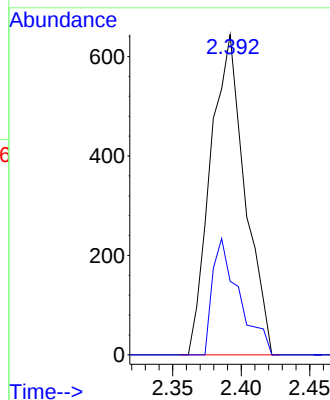
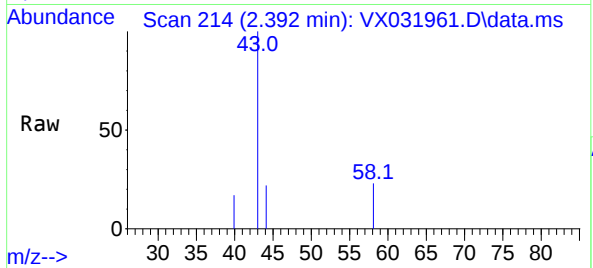




#16
Acetone
Concen: 2.993 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

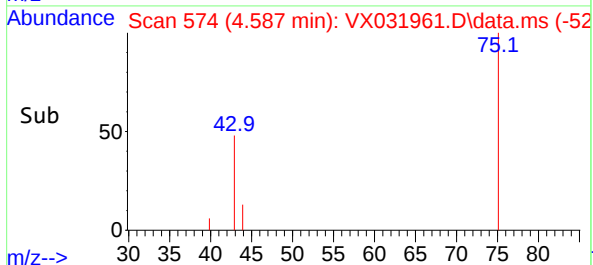
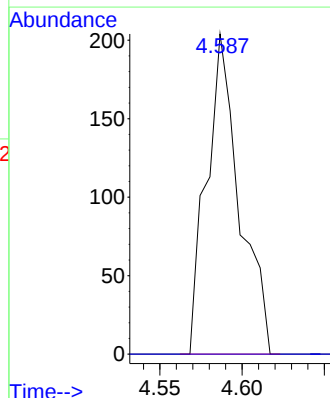
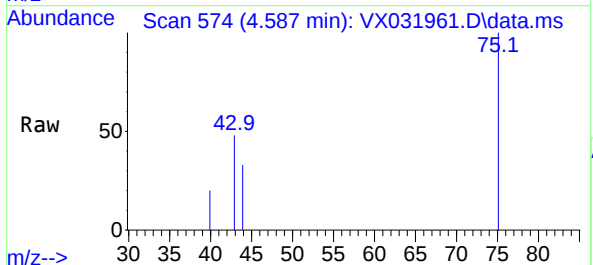
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-160-180-100622

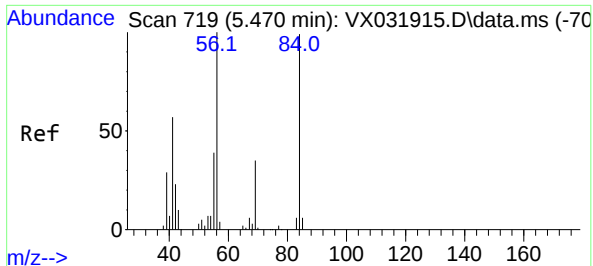
Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 23.0 23.8 35.8#



#25
2-Butanone
Concen: 0.481 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

Tgt Ion: 43 Resp: 283
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#

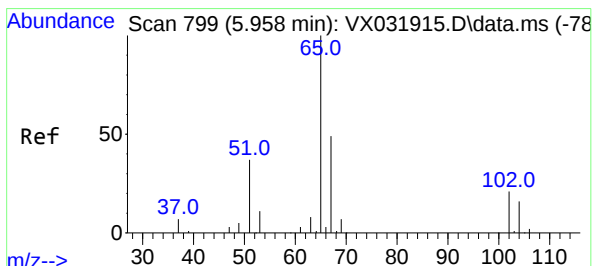
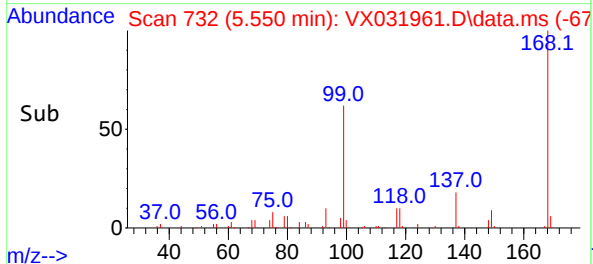
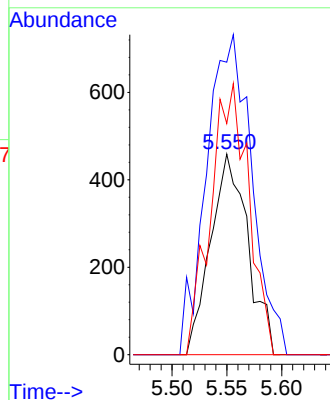
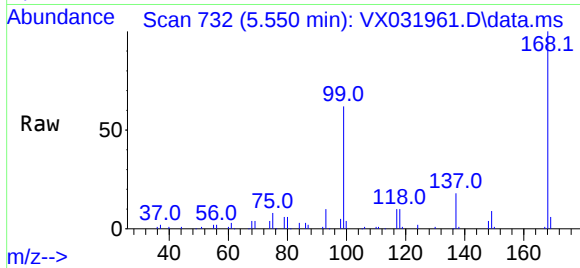




#31
Cyclohexane
Concen: 0.818 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

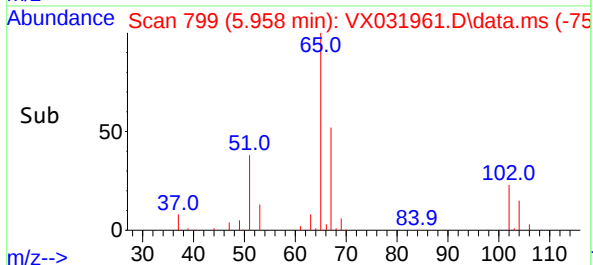
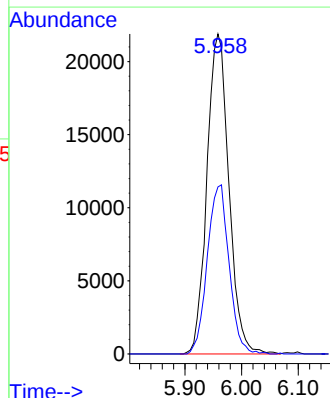
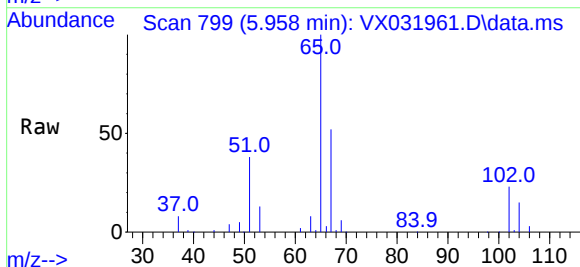
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-160-180-100622

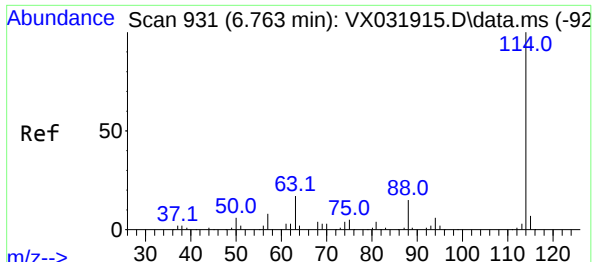
Tgt Ion: 56 Resp: 1082
Ion Ratio Lower Upper
56 100
69 145.8 25.1 37.7#
84 115.3 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.168 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

Tgt Ion: 65 Resp: 58846
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

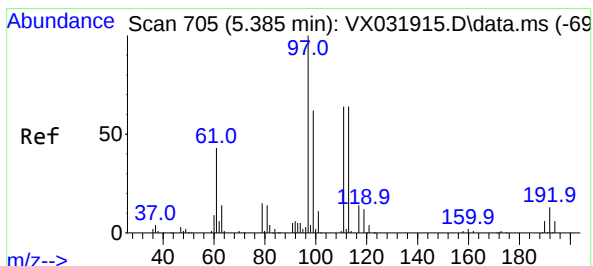
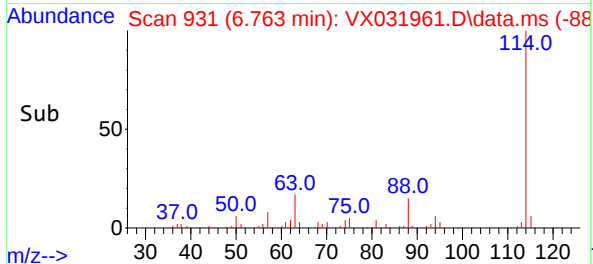
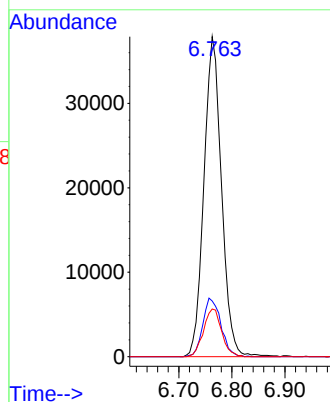
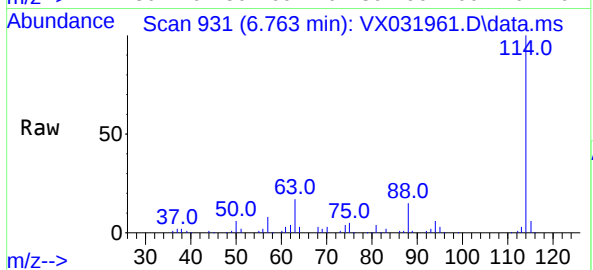




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

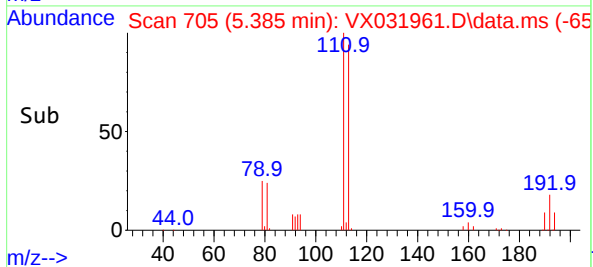
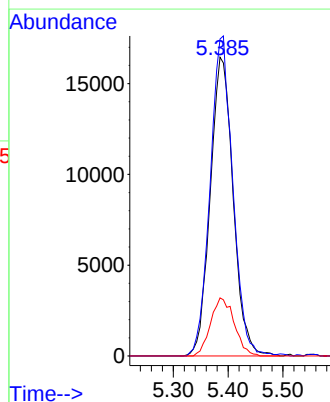
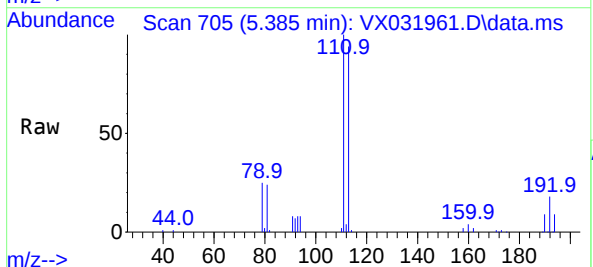
Instrument :
MSVOA_X
ClientSampleId :
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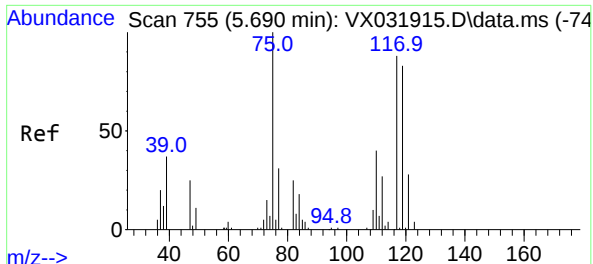
Tgt Ion:114 Resp: 87270
Ion Ratio Lower Upper
114 100
63 17.4 0.0 42.6
88 14.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.302 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

Tgt Ion:113 Resp: 47715
Ion Ratio Lower Upper
113 100
111 105.7 82.4 123.6
192 20.1 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.329 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX031961.D

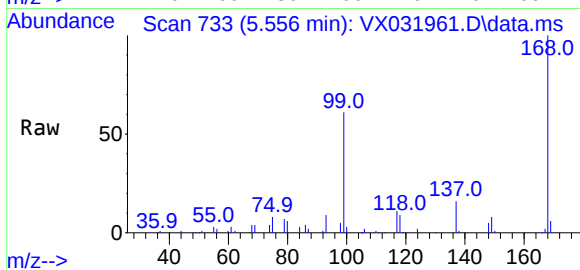
Acq: 07 Oct 2022 14:48

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-01-160-180-100622



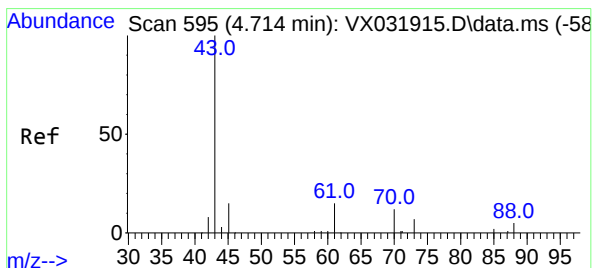
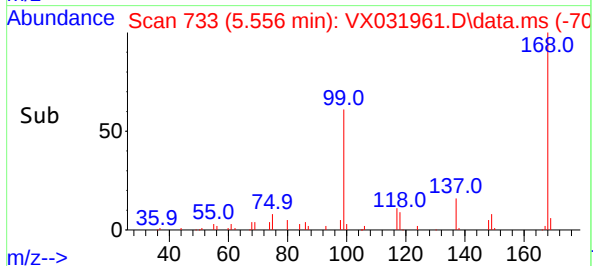
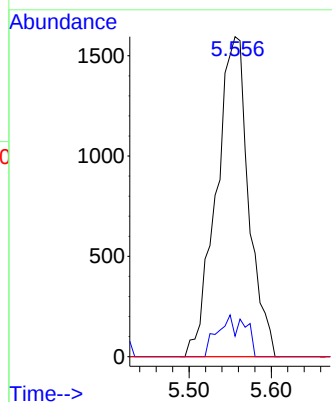
Tgt Ion: 75 Resp: 4361

Ion Ratio Lower Upper

75 100

110 6.9 17.5 52.5#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 0.229 ug/l

RT: 4.587 min Scan# 574

Delta R.T. -0.127 min

Lab File: VX031961.D

Acq: 07 Oct 2022 14:48

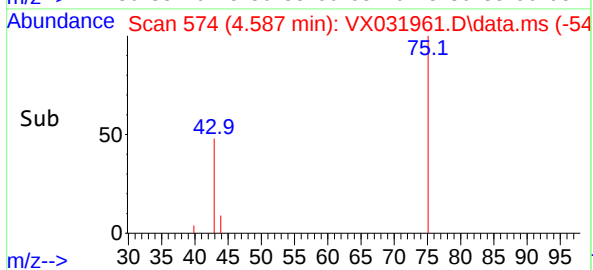
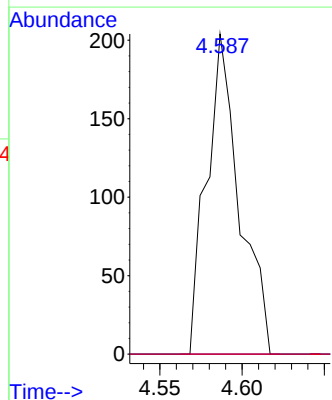
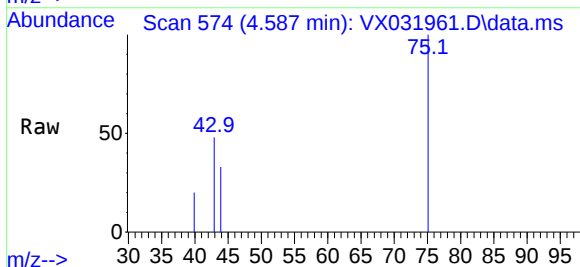
Tgt Ion: 43 Resp: 283

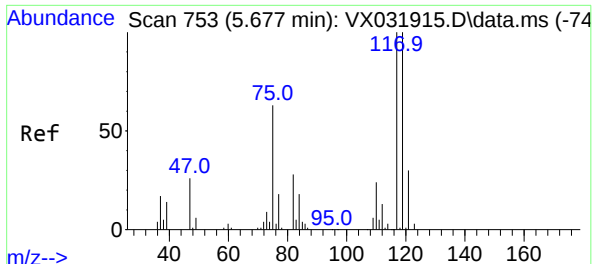
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.6 13.0#

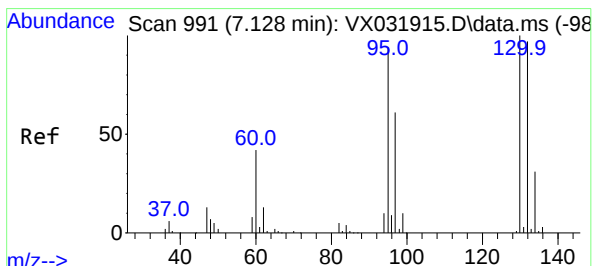
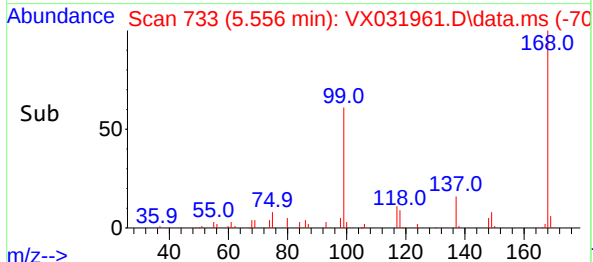
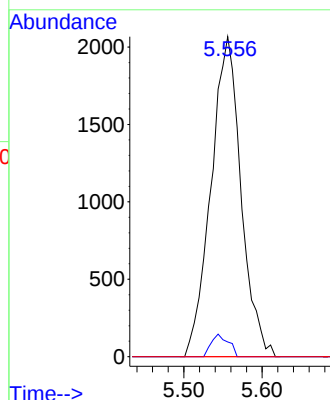
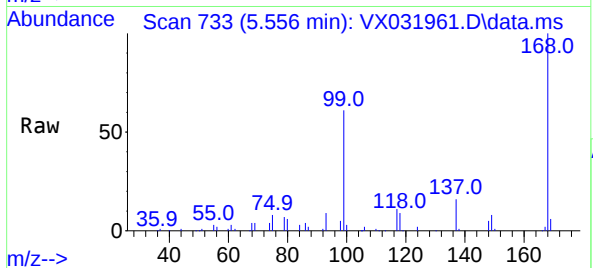




#38
Carbon Tetrachloride
Concen: 4.113 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

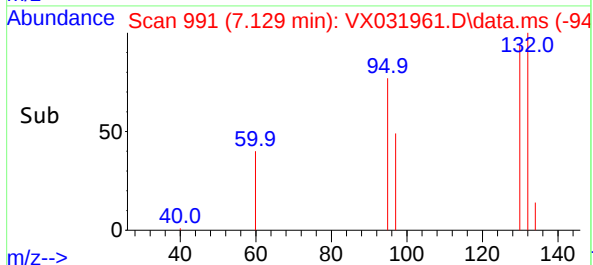
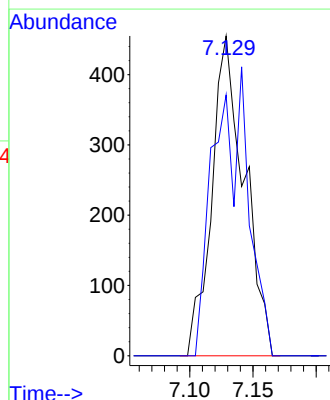
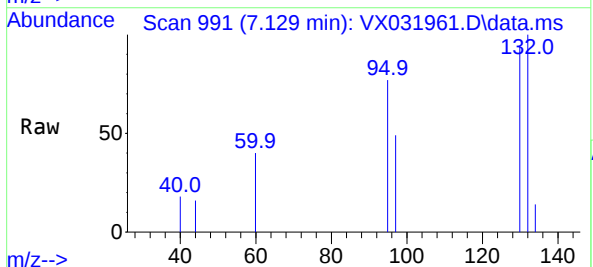
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-160-180-100622

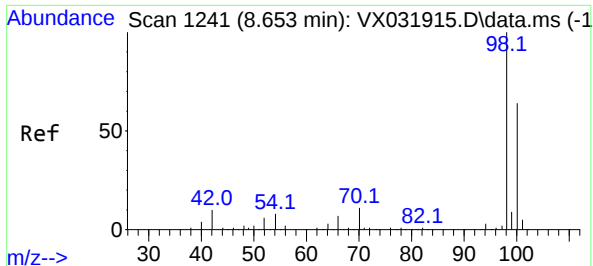
Tgt Ion:117 Resp: 5509
Ion Ratio Lower Upper
117 100
119 4.6 74.6 112.0#
121 0.0 25.3 37.9#



#44
Trichloroethene
Concen: 0.725 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

Tgt Ion:130 Resp: 815
Ion Ratio Lower Upper
130 100
95 81.5 0.0 206.8

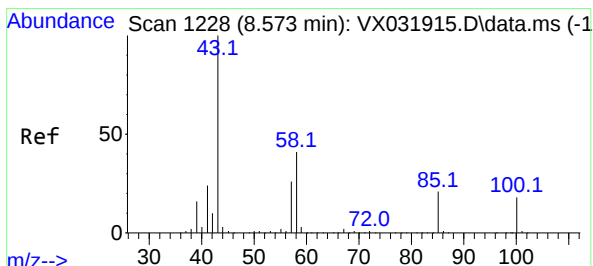
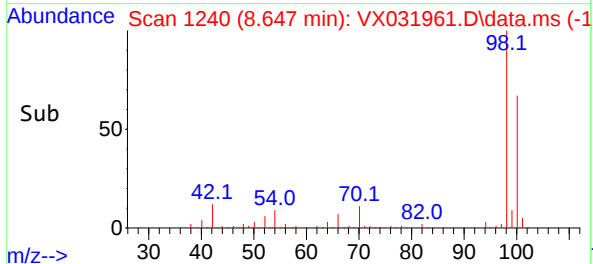
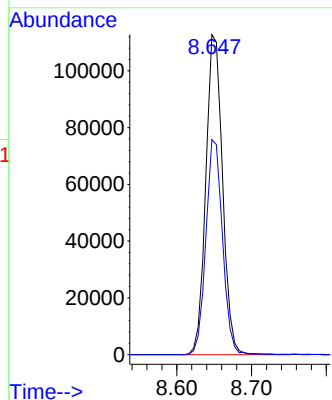
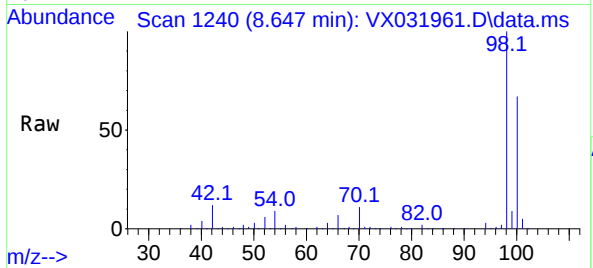




#50
Toluene-d8
Concen: 49.328 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

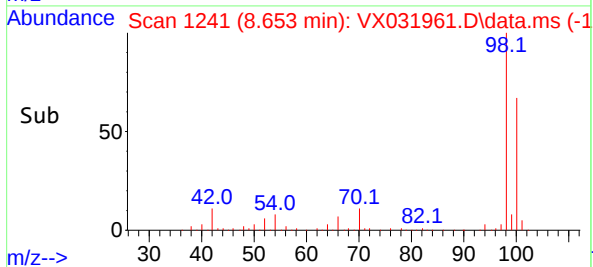
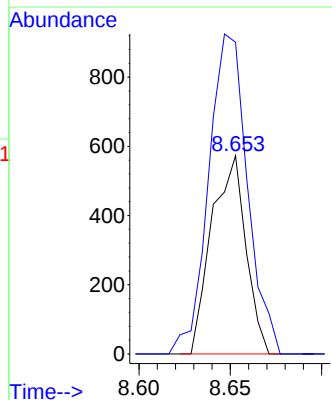
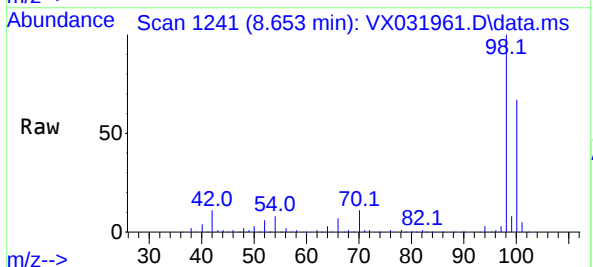
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-160-180-100622

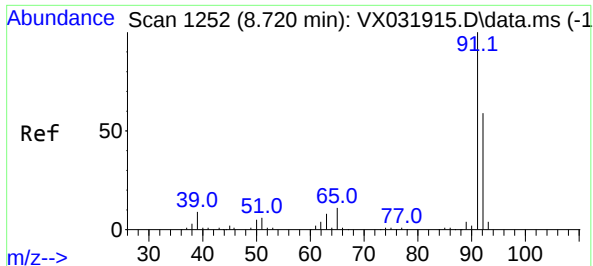
Tgt Ion: 98 Resp: 175342
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.602 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 183.4 30.6 46.0#

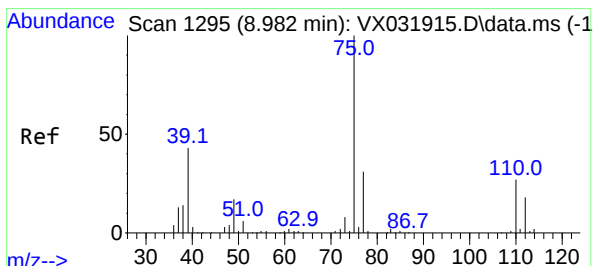
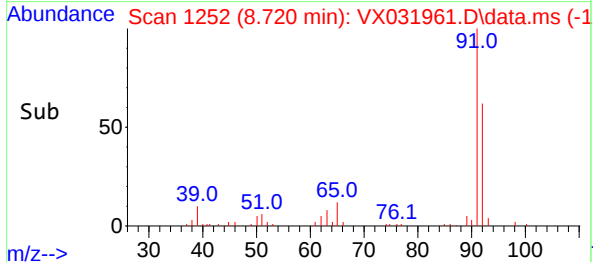
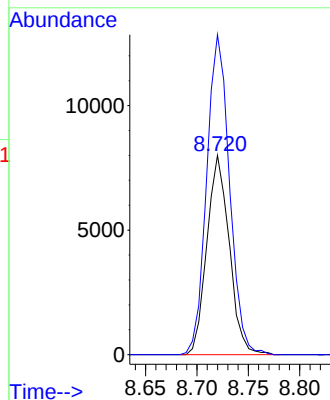
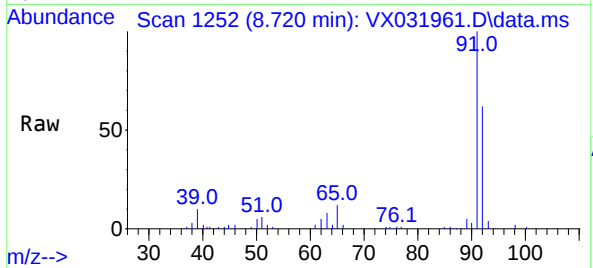




#52
Toluene
Concen: 4.839 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

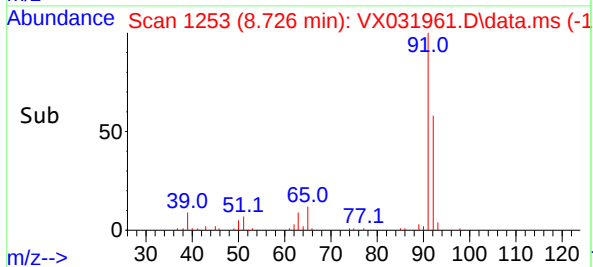
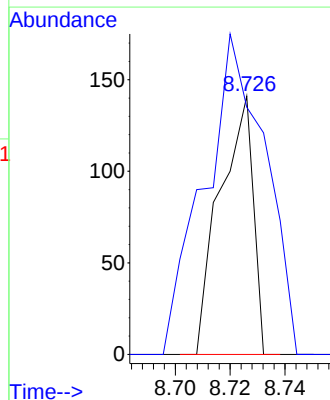
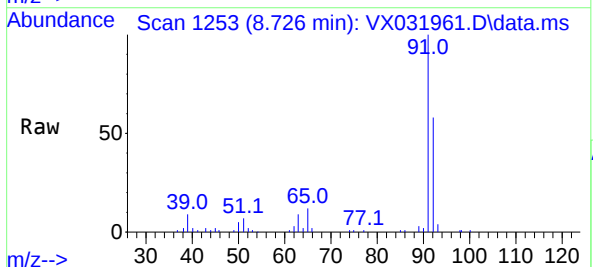
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-160-180-100622

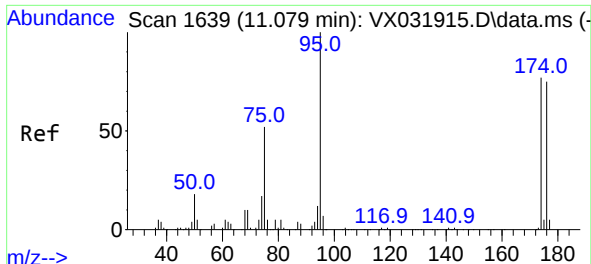
Tgt Ion: 92 Resp: 12135
Ion Ratio Lower Upper
92 100
91 163.7 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 1.292 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.256 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

Tgt Ion: 75 Resp: 118
Ion Ratio Lower Upper
75 100
77 58.9 24.8 37.2#

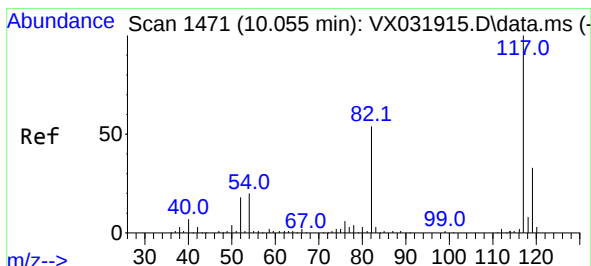
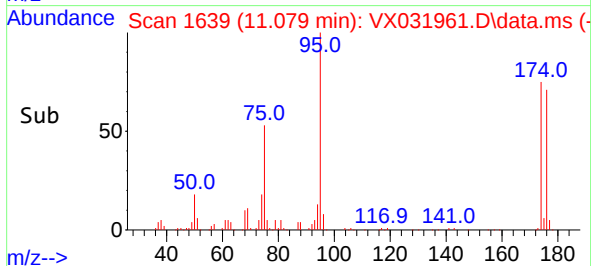
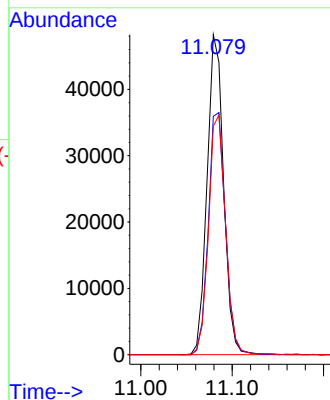
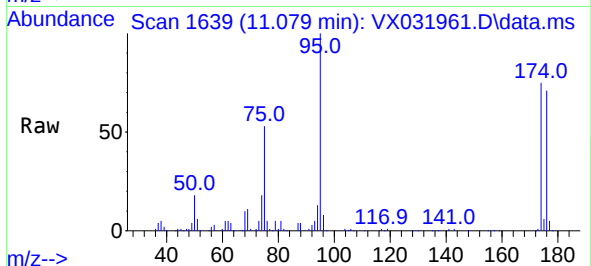




#62
4-Bromofluorobenzene
Concen: 48.001 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

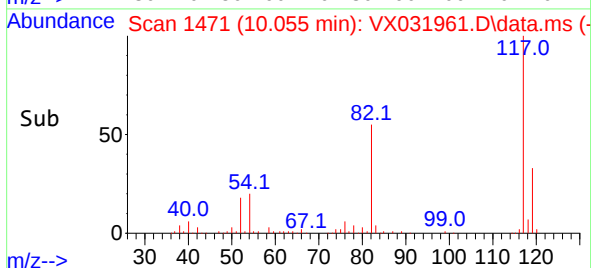
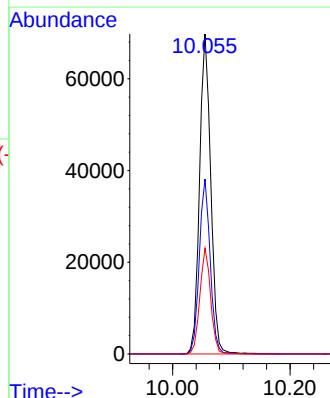
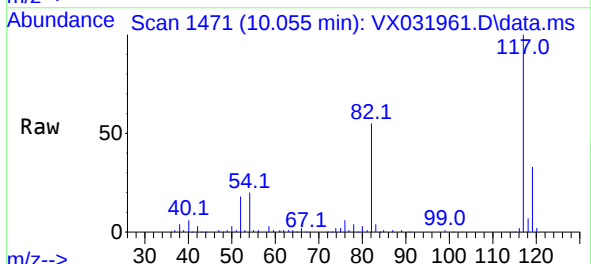
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-160-180-100622

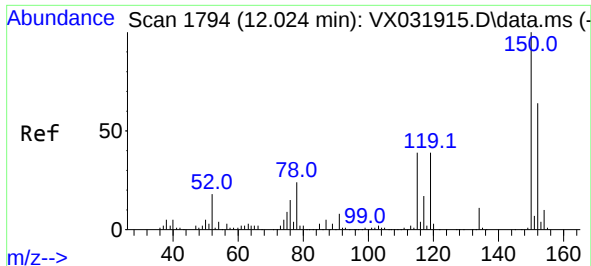
Tgt Ion: 95 Resp: 60321
Ion Ratio Lower Upper
95 100
174 78.8 0.0 153.2
176 77.0 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

Tgt Ion: 117 Resp: 92332
Ion Ratio Lower Upper
117 100
82 54.7 46.8 70.2
119 33.1 26.4 39.6

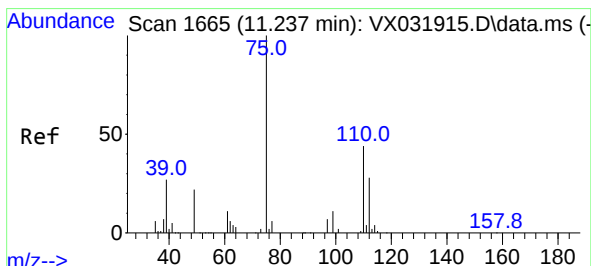
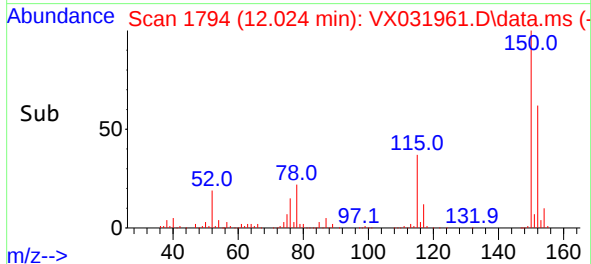
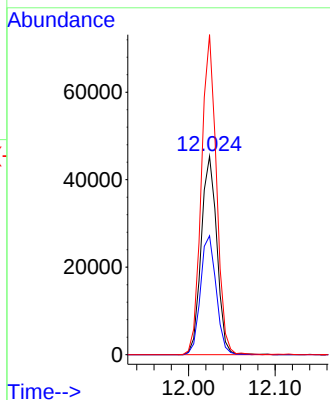
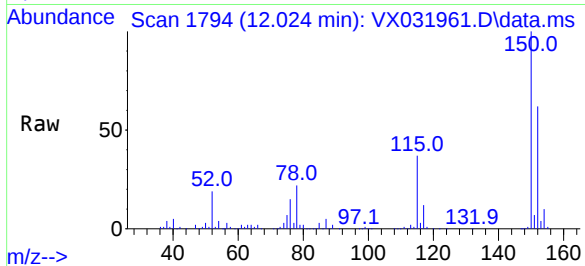




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

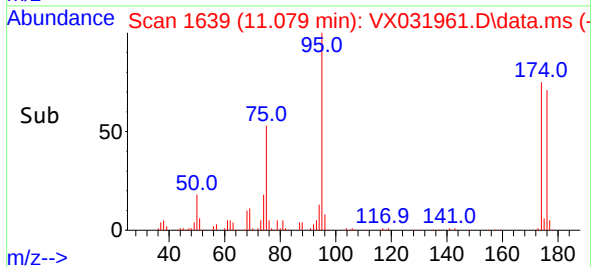
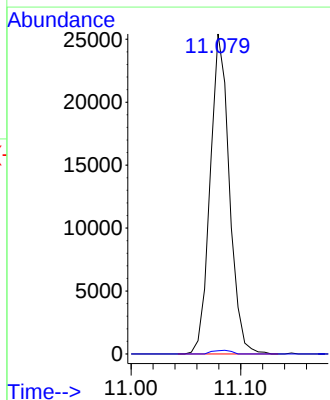
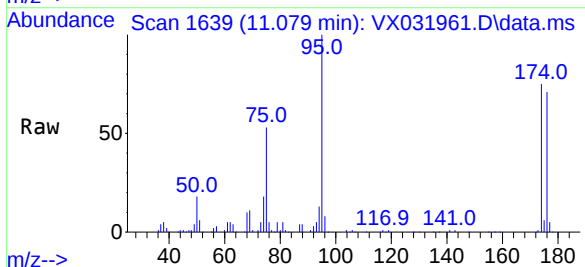
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-160-180-100622

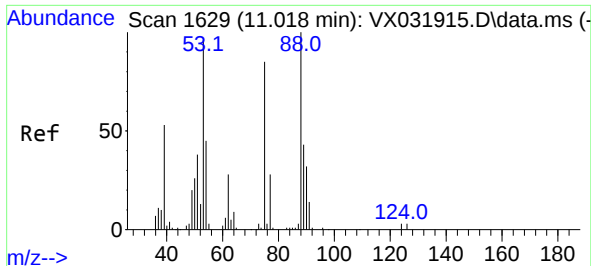
Tgt Ion:152 Resp: 57051
Ion Ratio Lower Upper
152 100
115 60.2 43.4 130.1
150 155.0 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 26.479 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031961.D
Acq: 07 Oct 2022 14:48

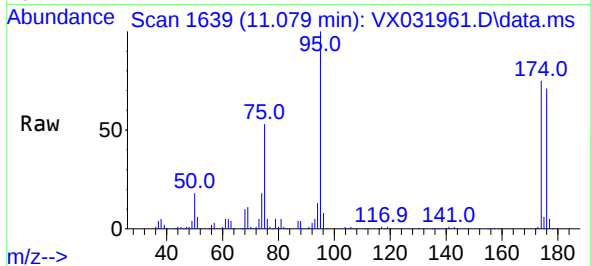
Tgt Ion: 75 Resp: 30961
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.802 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031961.D
 Acq: 07 Oct 2022 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-01-160-180-100622



Tgt Ion: 75 Resp: 30961
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.1 37.4 56.0#

