

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034118.D
 Acq On : 10 Feb 2023 16:38
 Operator : JC/MD
 Sample : 01516-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-01-160-180-020923-FD

Quant Time: Feb 11 00:36:02 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)

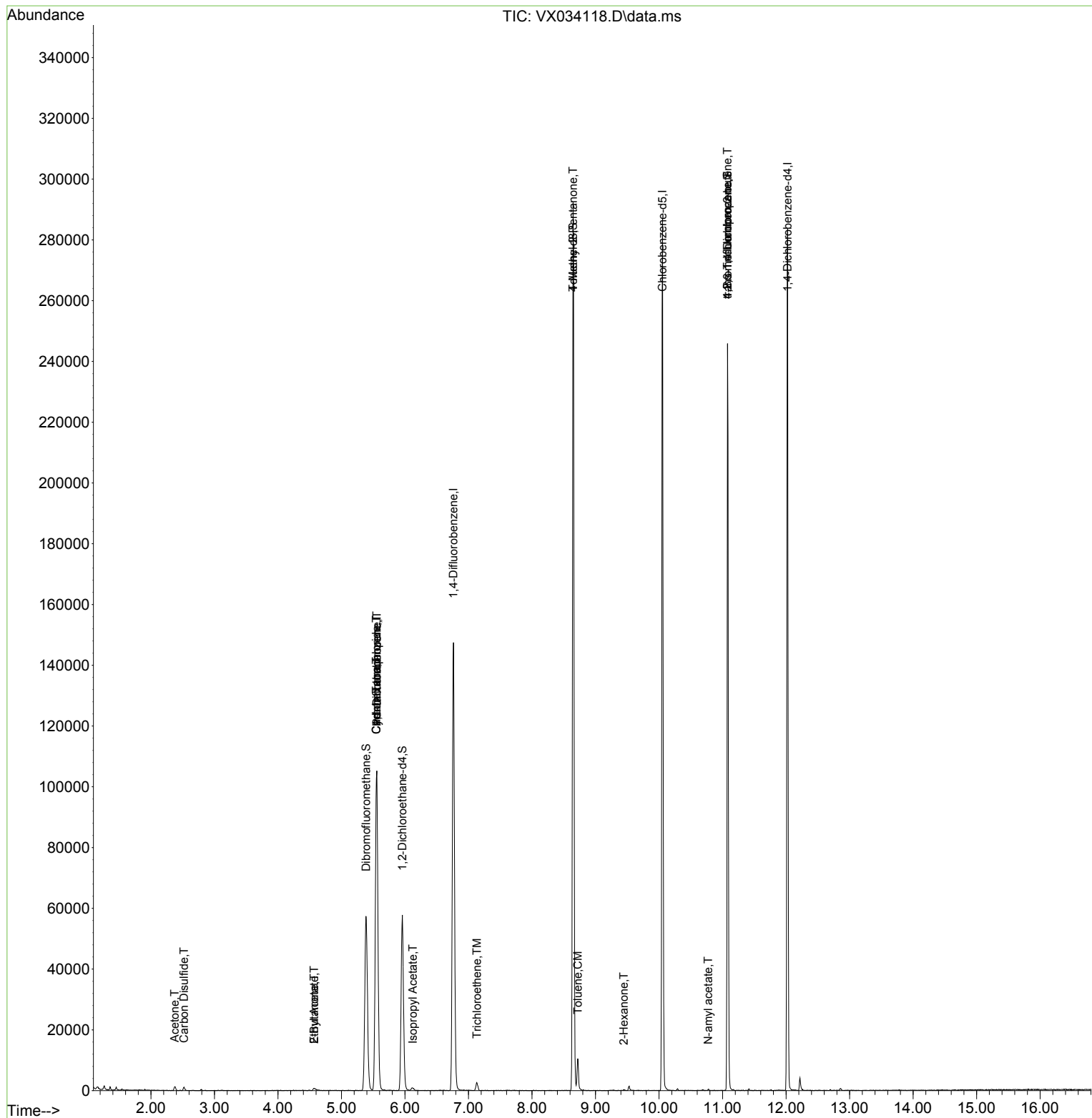
Internal Standards						
1) Pentafluorobenzene	5.556	168	115387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56324	50.633	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.260%	
35) Dibromofluoromethane	5.385	113	50743	50.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.060%	
50) Toluene-d8	8.647	98	178671	49.384	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	11.079	95	62368	48.265	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.540%	
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1491	3.173	ug/l	97
17) Carbon Disulfide	2.520	76	914	0.381	ug/l #	76
25) 2-Butanone	4.568	43	1784	2.608	ug/l #	87
31) Cyclohexane	5.550	56	1668	1.030	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6650	4.830	ug/l #	49
37) Ethyl Acetate	4.568	43	1784	1.391	ug/l #	68
38) Carbon Tetrachloride	5.550	117	10038	6.836	ug/l #	17
43) Isopropyl Acetate	6.123	43	893	0.446	ug/l #	61
44) Trichloroethene	7.135	130	1347	1.100	ug/l	81
51) 4-Methyl-2-Pentanone	8.647	43	667	0.532	ug/l #	1
52) Toluene	8.720	92	4481	1.736	ug/l	93
59) 2-Hexanone	9.445	43	251	0.273	ug/l	68
74) N-amyl acetate	10.774	43	305	0.206	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	29576	25.599	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	29576	78.835	ug/l #	8

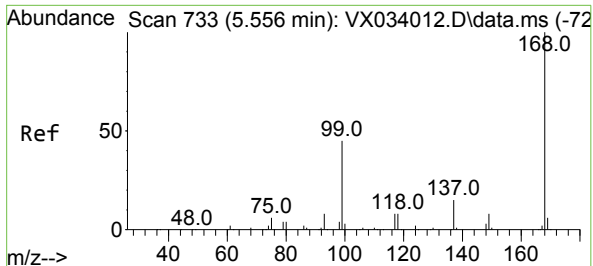
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
Data File : VX034118.D
Acq On : 10 Feb 2023 16:38
Operator : JC/MD
Sample : 01516-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-020923-FD

Quant Time: Feb 11 00:36:02 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

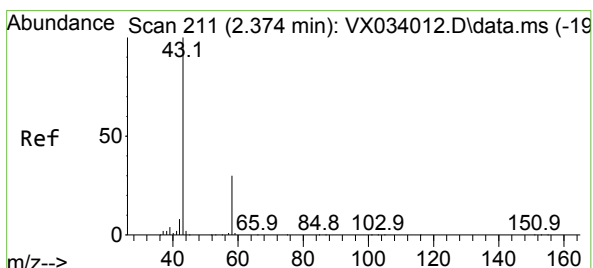
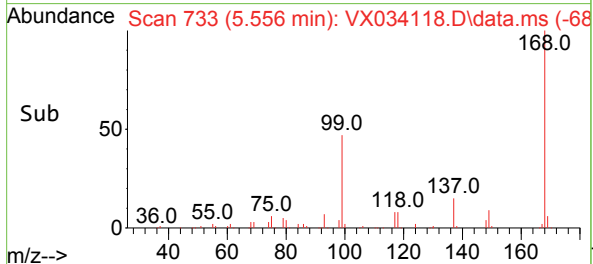
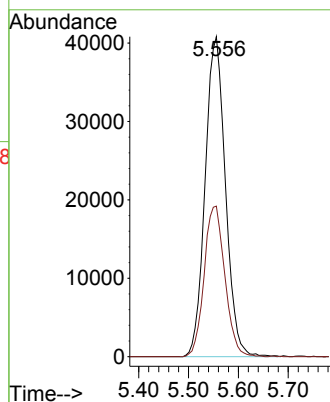
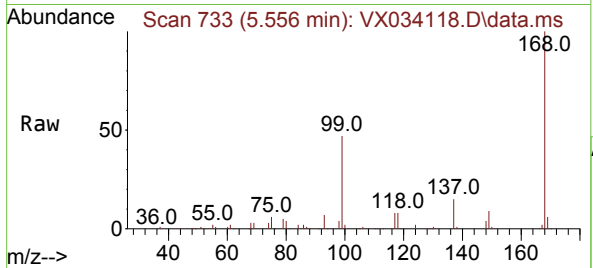




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

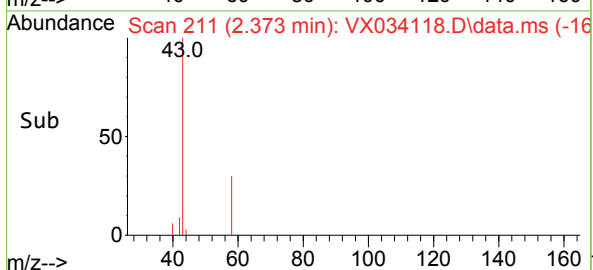
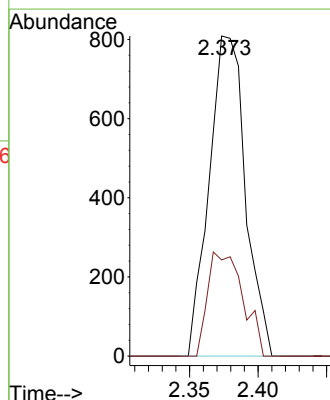
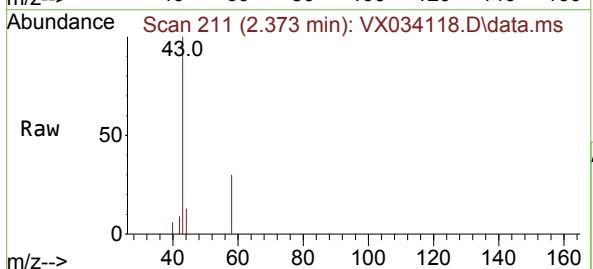
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-020923-FD

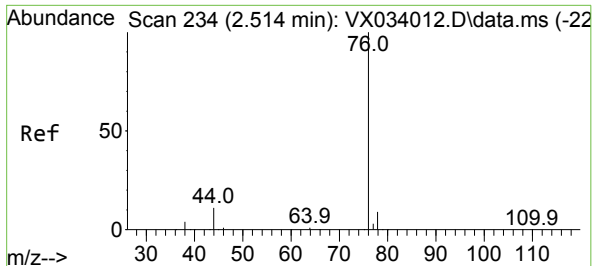
Tgt Ion:168 Resp: 115387
Ion Ratio Lower Upper
168 100
99 47.0 39.6 59.4



#16
Acetone
Concen: 3.173 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

Tgt Ion: 43 Resp: 1491
Ion Ratio Lower Upper
43 100
58 30.0 22.6 33.8

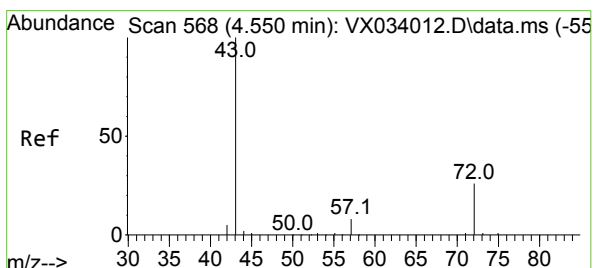
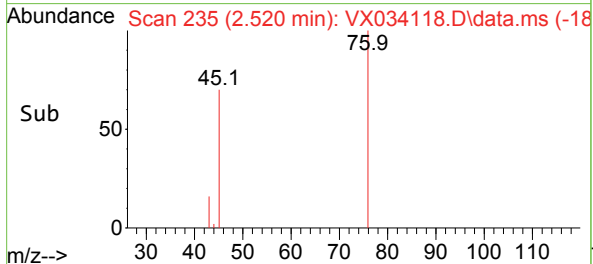
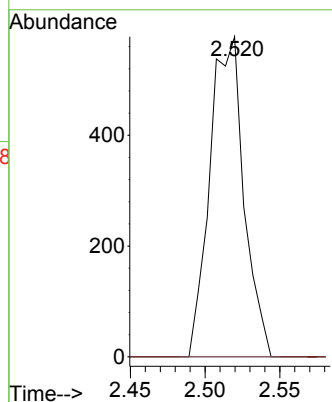
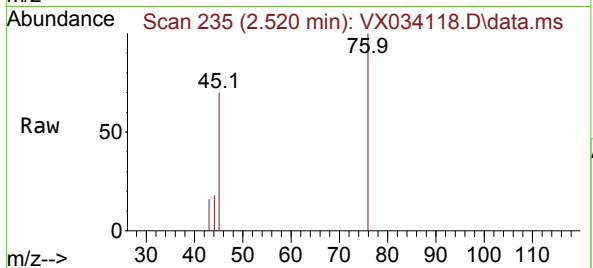




#17
Carbon Disulfide
Concen: 0.381 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

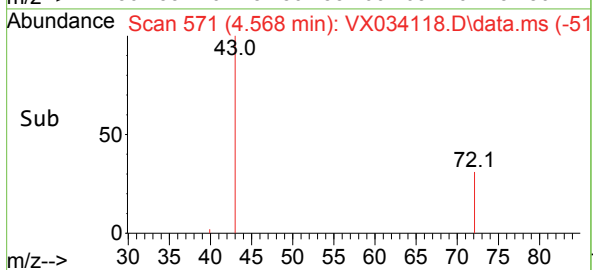
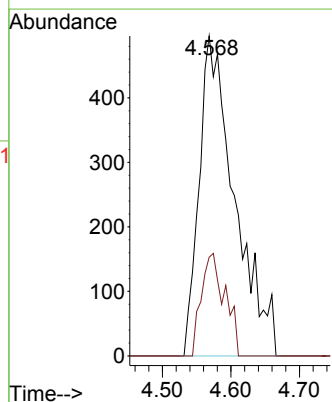
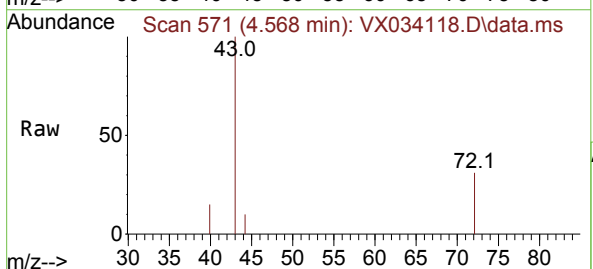
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-020923-FD

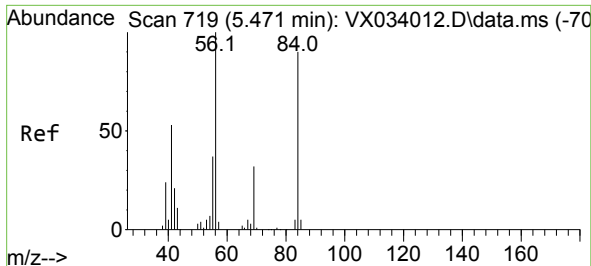
Tgt Ion: 76 Resp: 914
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#25
2-Butanone
Concen: 2.608 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

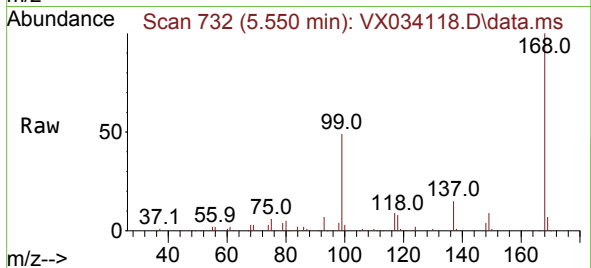
Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
72 30.8 19.4 29.2#



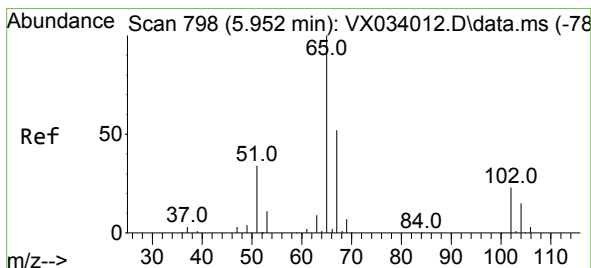
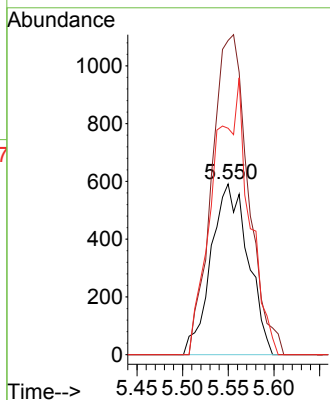
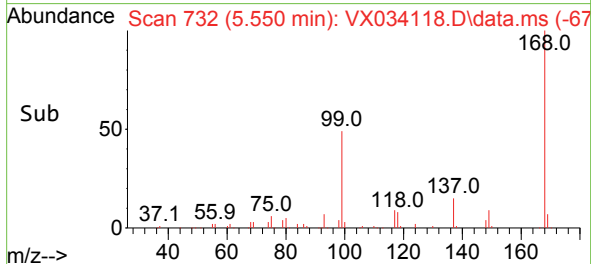


#31
Cyclohexane
Concen: 1.030 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-020923-FD

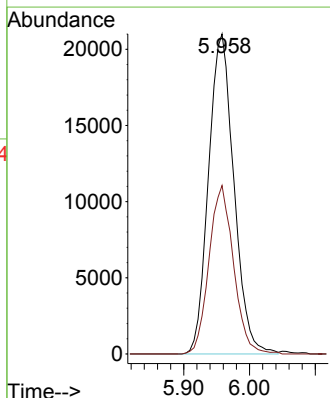
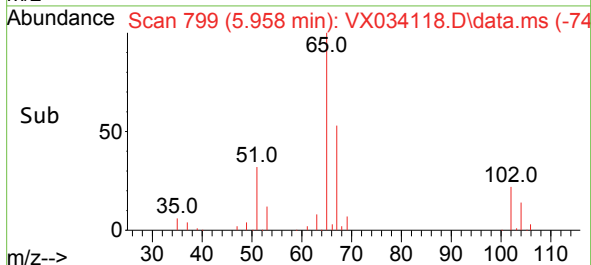
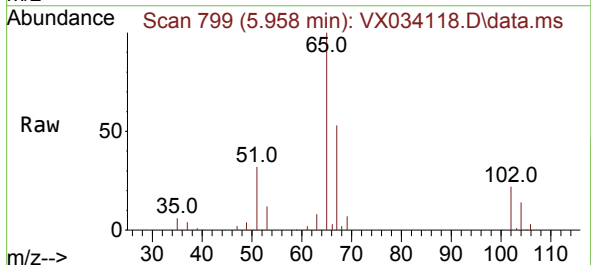


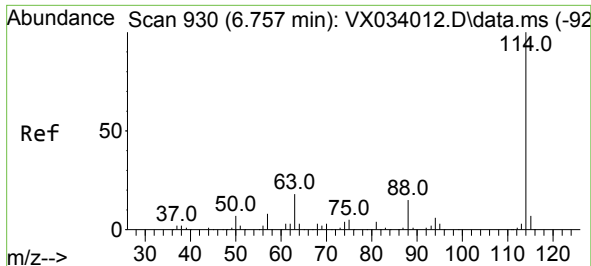
Tgt Ion: 56 Resp: 1668
Ion Ratio Lower Upper
56 100
69 184.1 24.6 37.0#
84 132.7 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 50.633 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

Tgt Ion: 65 Resp: 56324
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

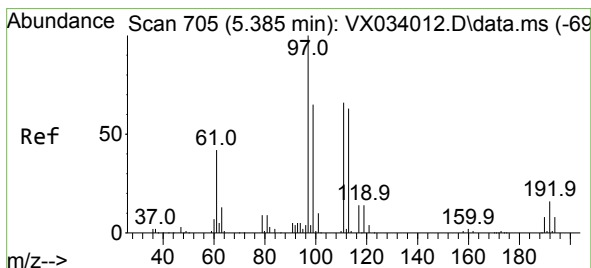
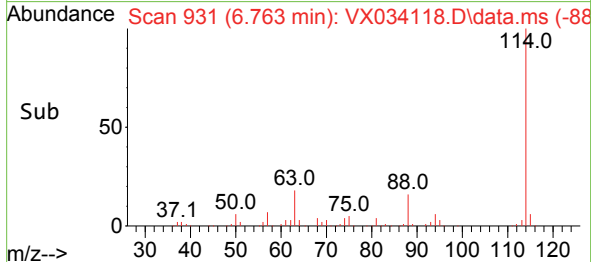
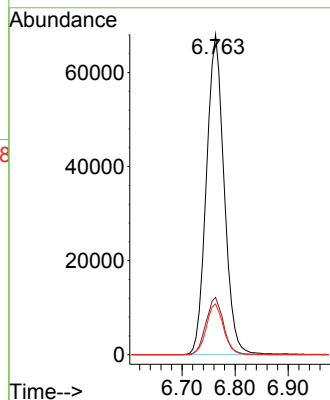
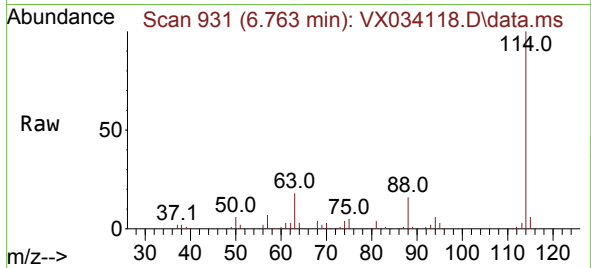




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

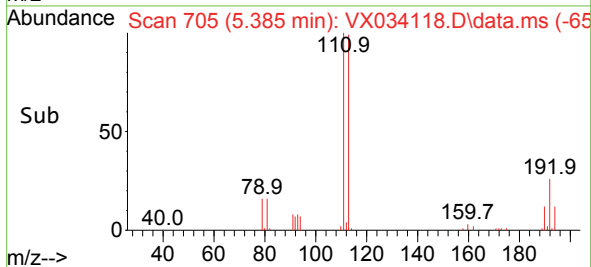
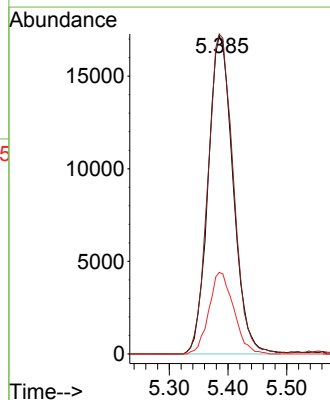
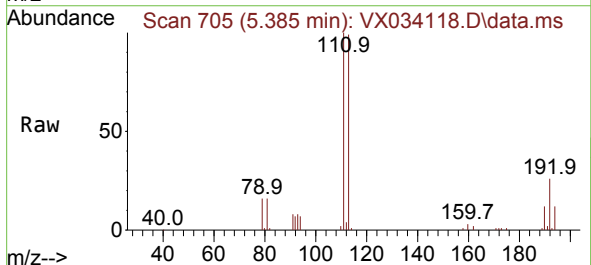
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-020923-FD

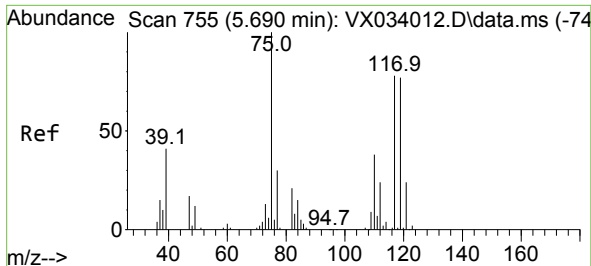
Tgt Ion:114 Resp: 157784
Ion Ratio Lower Upper
114 100
63 17.9 0.0 37.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.531 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

Tgt Ion:113 Resp: 50743
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 25.4 19.0 28.4

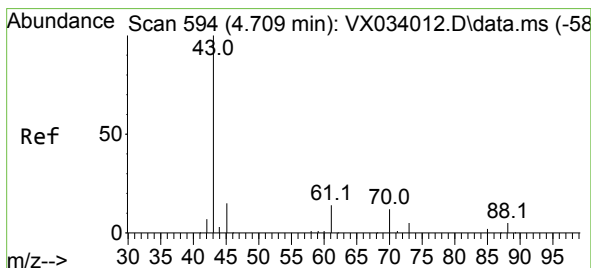
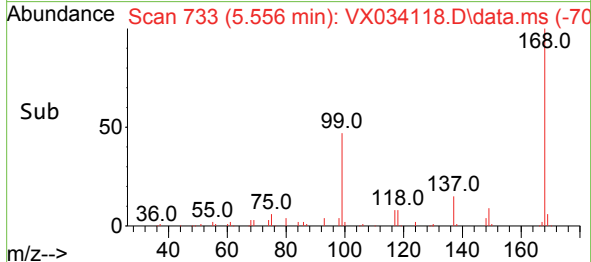
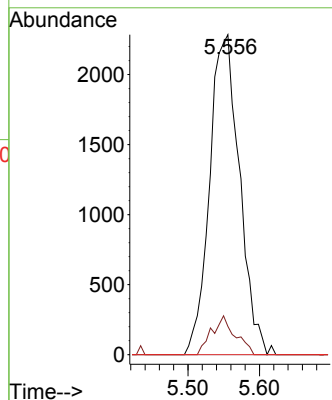
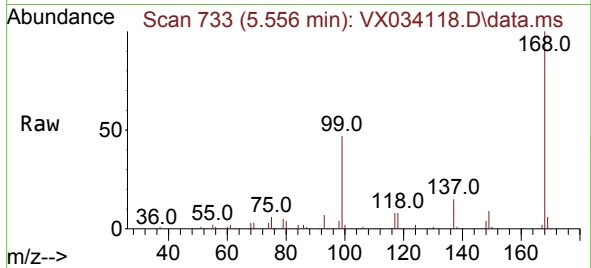




#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

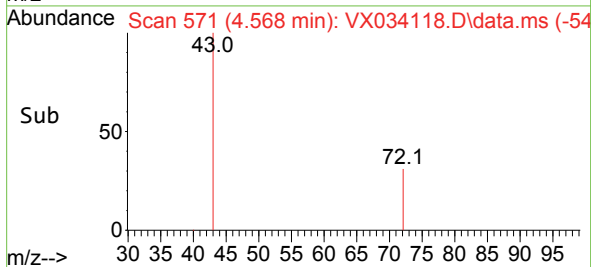
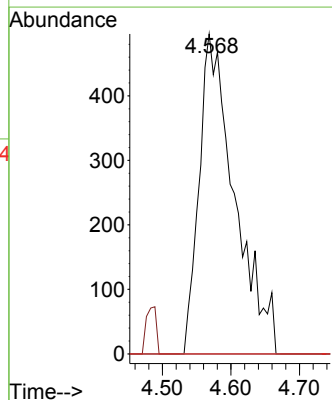
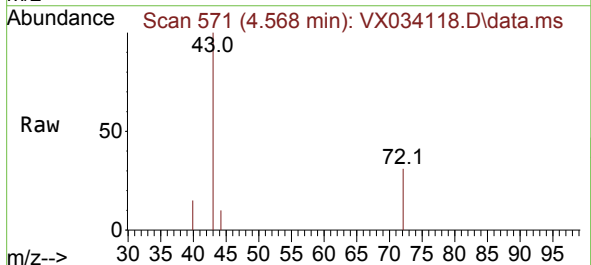
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-020923-FD

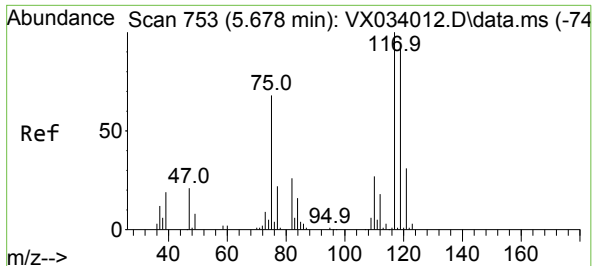
Tgt Ion: 75 Resp: 6650
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 1.391 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.140 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

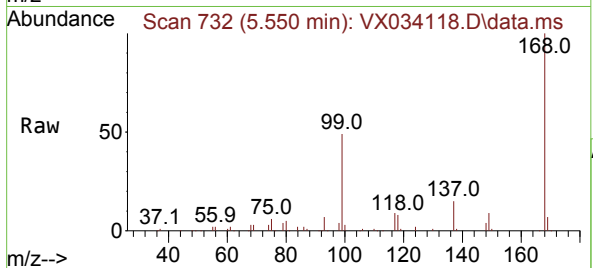
Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



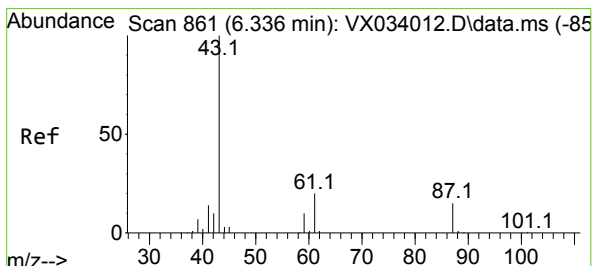
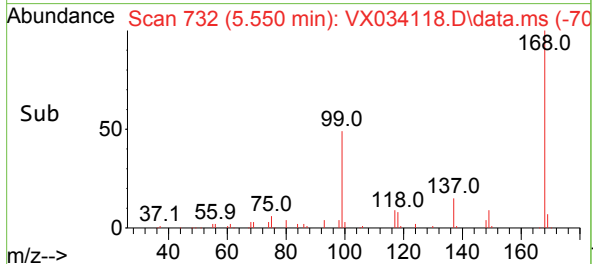
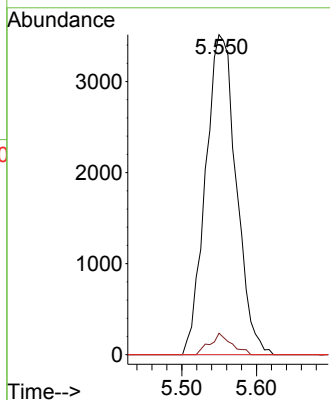


#38
Carbon Tetrachloride
Concen: 6.836 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-020923-FD

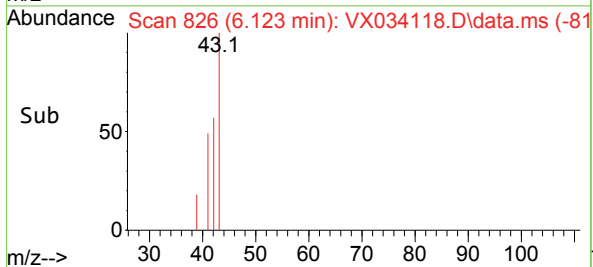
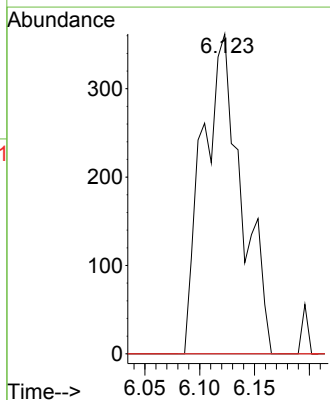
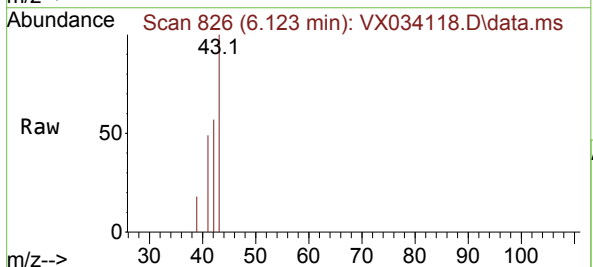


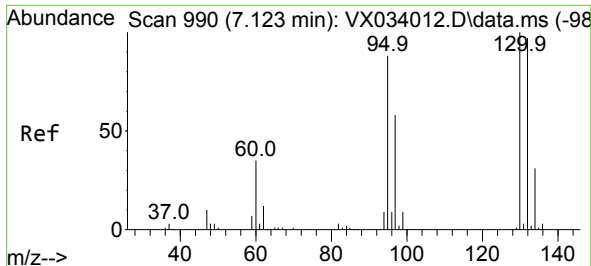
Tgt Ion:117 Resp: 10038
Ion Ratio Lower Upper
117 100
119 6.7 78.0 117.0#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.446 ug/l
RT: 6.123 min Scan# 826
Delta R.T. -0.214 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 0.0 10.6 15.8#

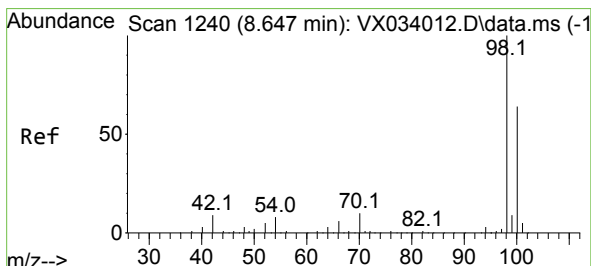
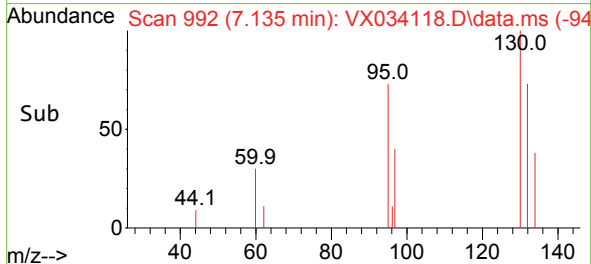
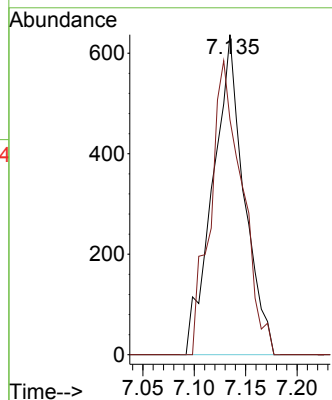
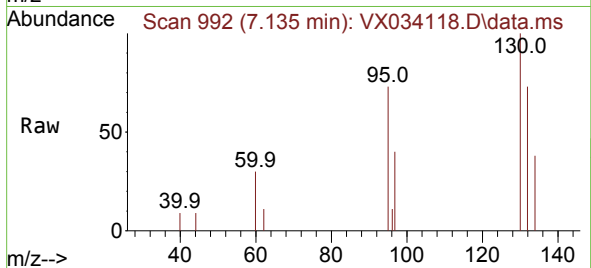




#44
Trichloroethene
Concen: 1.100 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

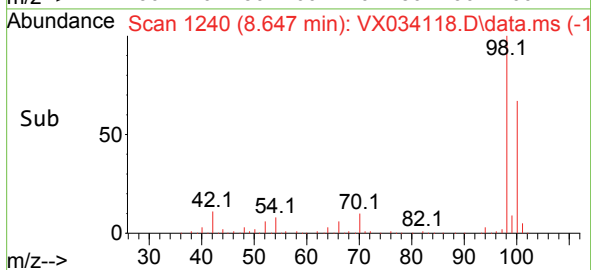
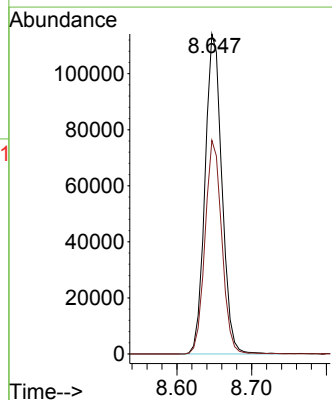
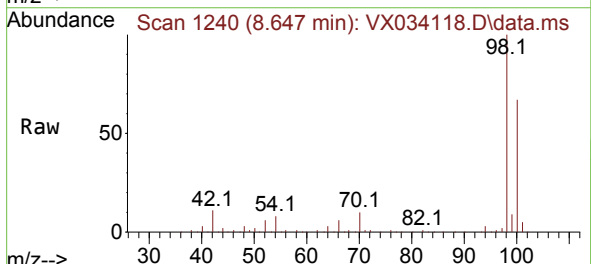
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-020923-FD

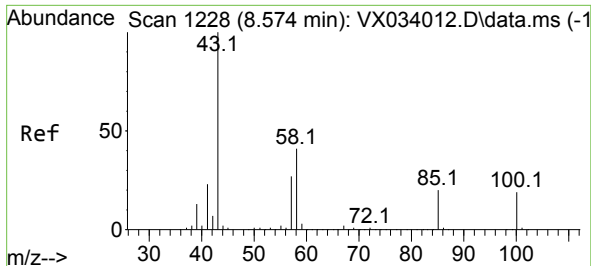
Tgt Ion:130 Resp: 1347
Ion Ratio Lower Upper
130 100
95 73.5 0.0 182.6



#50
Toluene-d8
Concen: 49.384 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

Tgt Ion: 98 Resp: 178671
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4

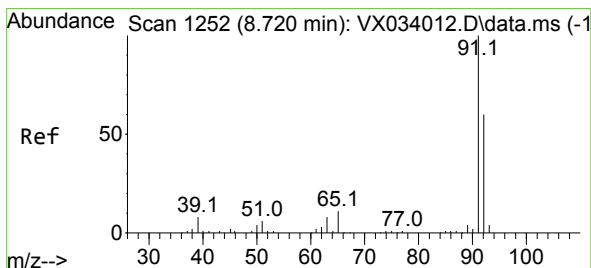
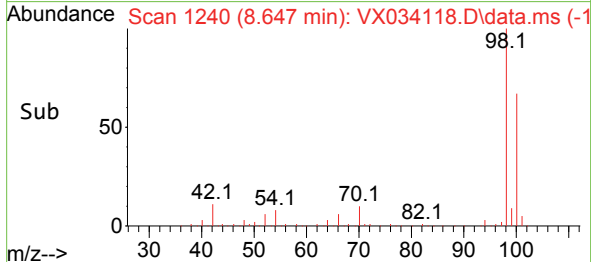
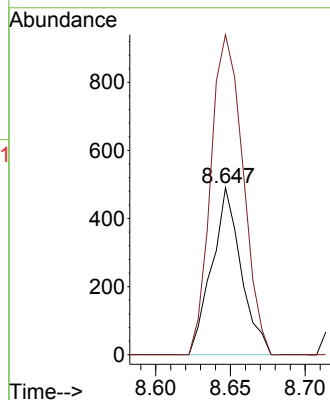
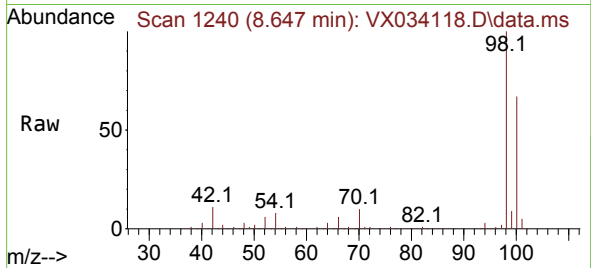




#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

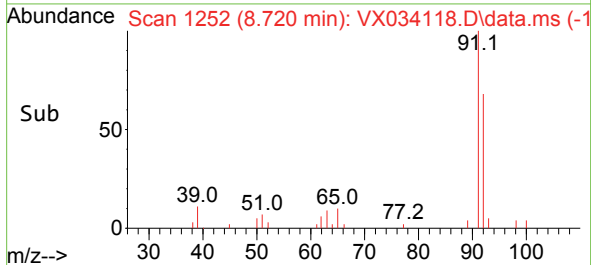
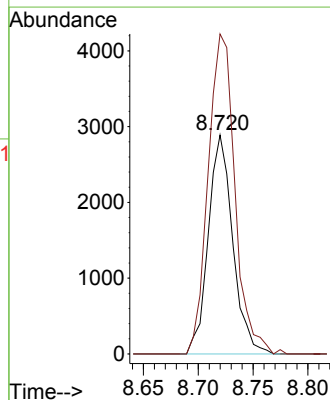
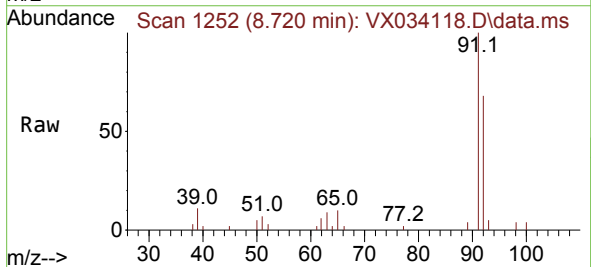
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-020923-FD

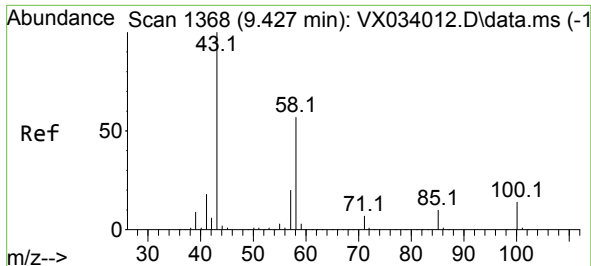
Tgt Ion: 43 Resp: 667
Ion Ratio Lower Upper
43 100
58 211.2 31.2 46.8#



#52
Toluene
Concen: 1.736 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034118.D
Acq: 10 Feb 2023 16:38

Tgt Ion: 92 Resp: 4481
Ion Ratio Lower Upper
92 100
91 160.2 135.5 203.3





#59

2-Hexanone

Concen: 0.273 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX034118.D

Acq: 10 Feb 2023 16:38

Instrument :

MSVOA_X

ClientSampleId :

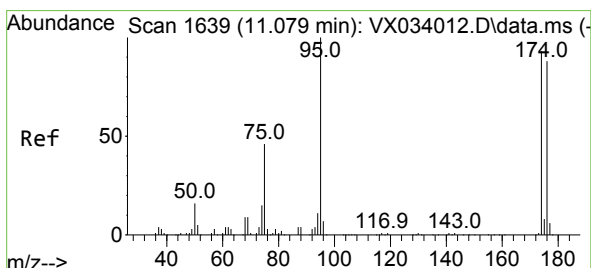
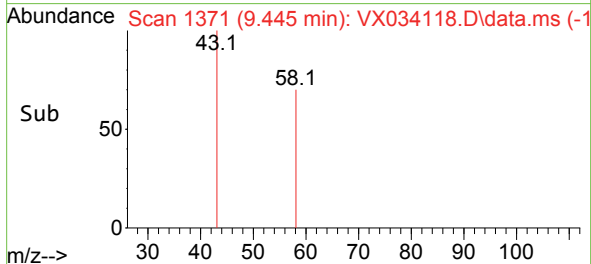
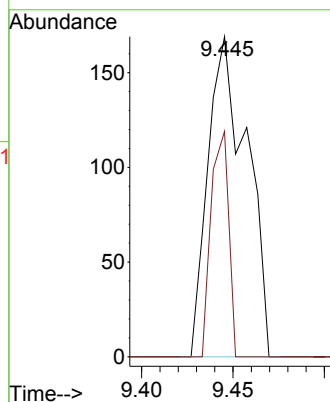
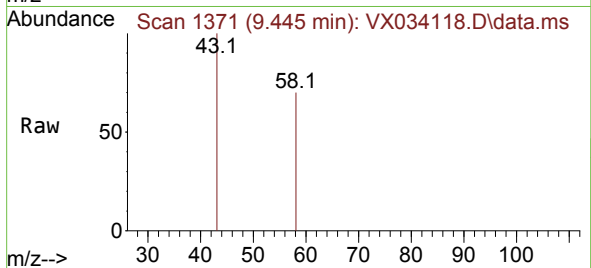
OWBR-01-160-180-020923-FD

Tgt Ion: 43 Resp: 251

Ion Ratio Lower Upper

43 100

58 31.9 27.4 82.0



#62

4-Bromofluorobenzene

Concen: 48.265 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034118.D

Acq: 10 Feb 2023 16:38

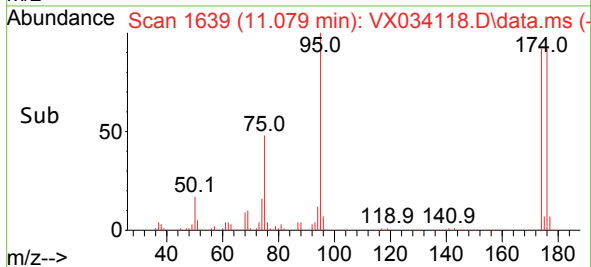
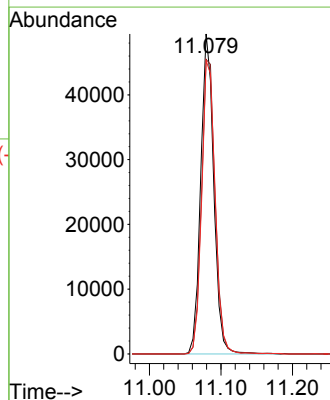
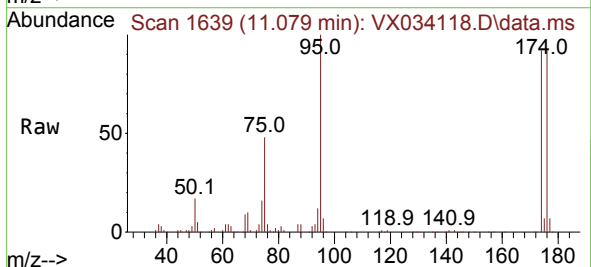
Tgt Ion: 95 Resp: 62368

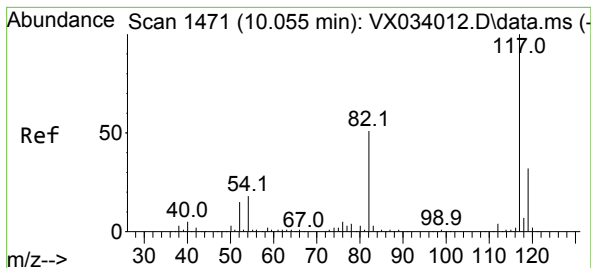
Ion Ratio Lower Upper

95 100

174 96.7 0.0 184.4

176 94.7 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: VX034118.D

Acq: 10 Feb 2023 16:38

Instrument :

MSVOA_X

ClientSampleId :

OWBR-01-160-180-020923-FD

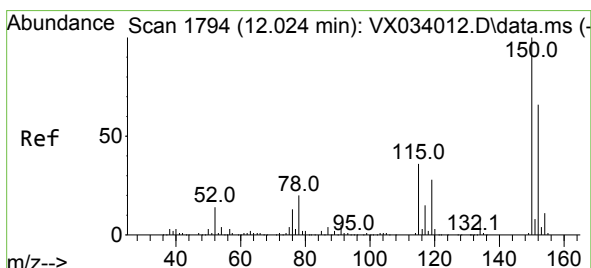
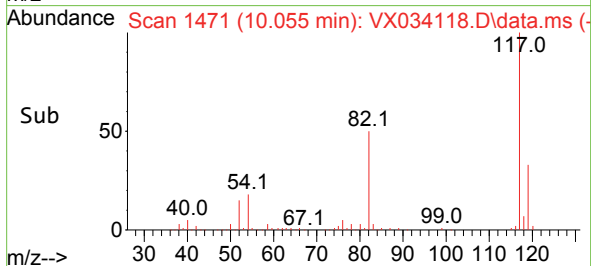
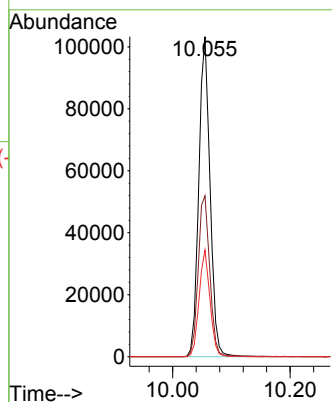
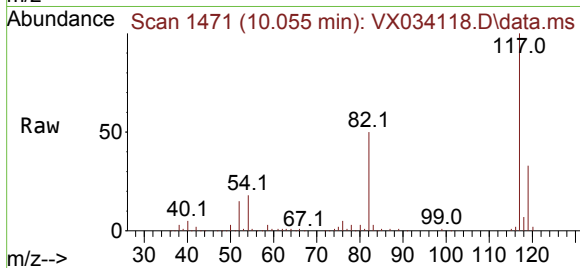
Tgt Ion:117 Resp: 137535

Ion Ratio Lower Upper

117 100

82 50.3 40.6 60.8

119 33.3 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: VX034118.D

Acq: 10 Feb 2023 16:38

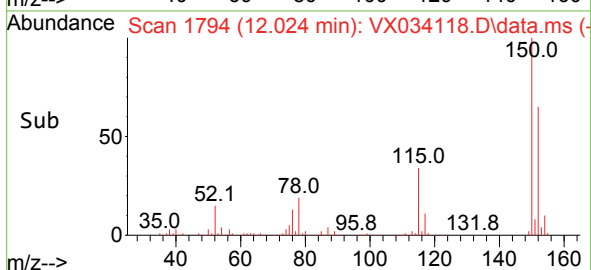
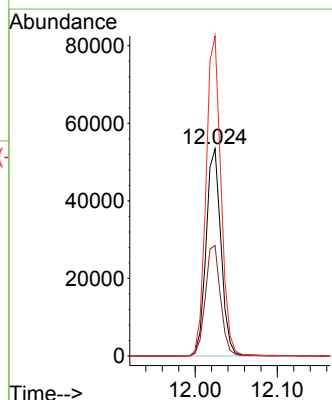
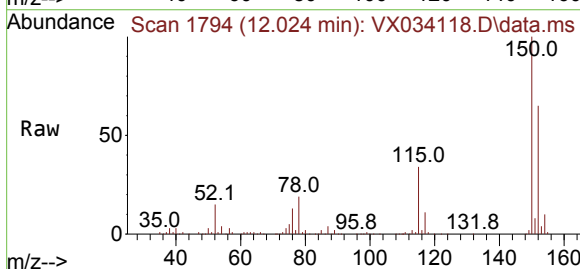
Tgt Ion:152 Resp: 67287

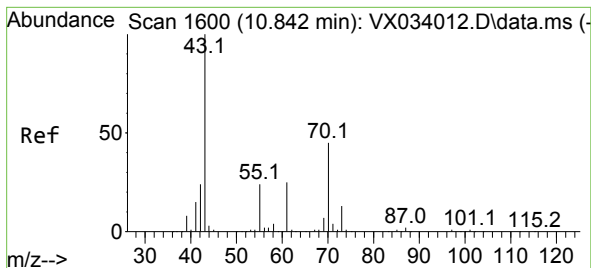
Ion Ratio Lower Upper

152 100

115 54.3 38.7 116.1

150 155.0 0.0 348.2





#74

N-amy1 acetate

Concen: 0.206 ug/l

RT: 10.774 min Scan# 1

Delta R.T. -0.067 min

Lab File: VX034118.D

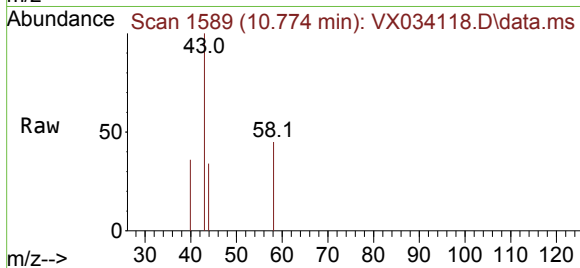
Acq: 10 Feb 2023 16:38

Instrument :

MSVOA_X

ClientSampleId :

OWBR-01-160-180-020923-FD



Tgt Ion: 43 Resp: 305

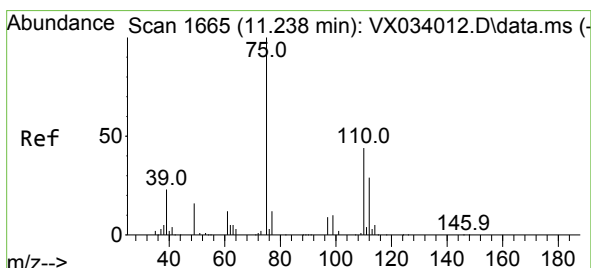
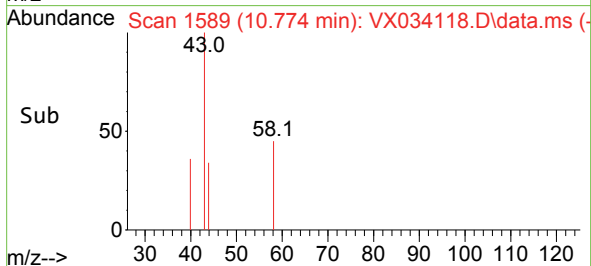
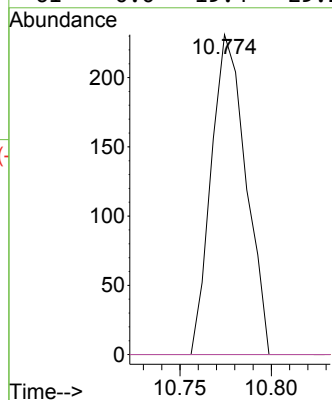
Ion Ratio Lower Upper

43 100

70 0.0 34.8 52.2#

55 0.0 19.4 29.0#

61 0.0 19.4 29.2#



#76

1,2,3-Trichloropropane

Concen: 25.599 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034118.D

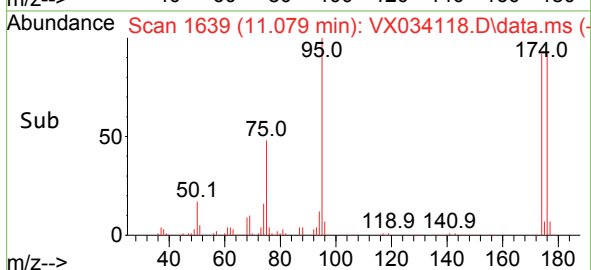
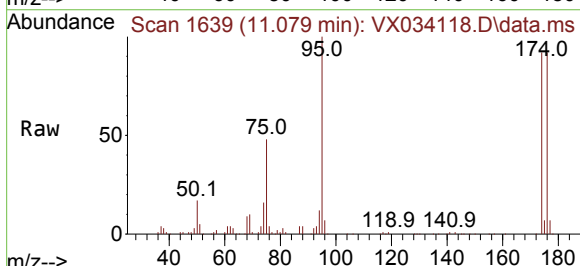
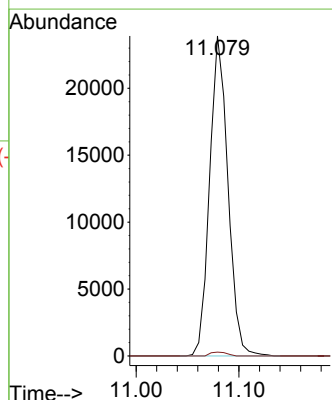
Acq: 10 Feb 2023 16:38

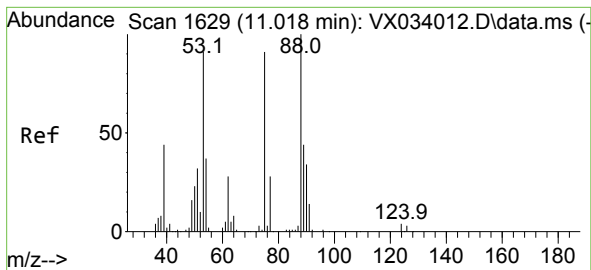
Tgt Ion: 75 Resp: 29576

Ion Ratio Lower Upper

75 100

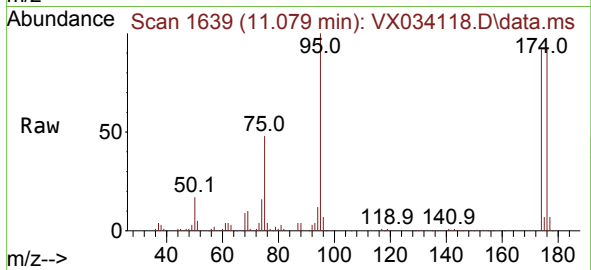
77 1.1 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.835 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034118.D
 Acq: 10 Feb 2023 16:38

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-01-160-180-020923-FD



Tgt Ion: 75 Resp: 29576
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

