

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034878.D
 Acq On : 31 Mar 2023 15:12
 Operator : JC/MD
 Sample : 02048-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: Apr 03 01:19:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

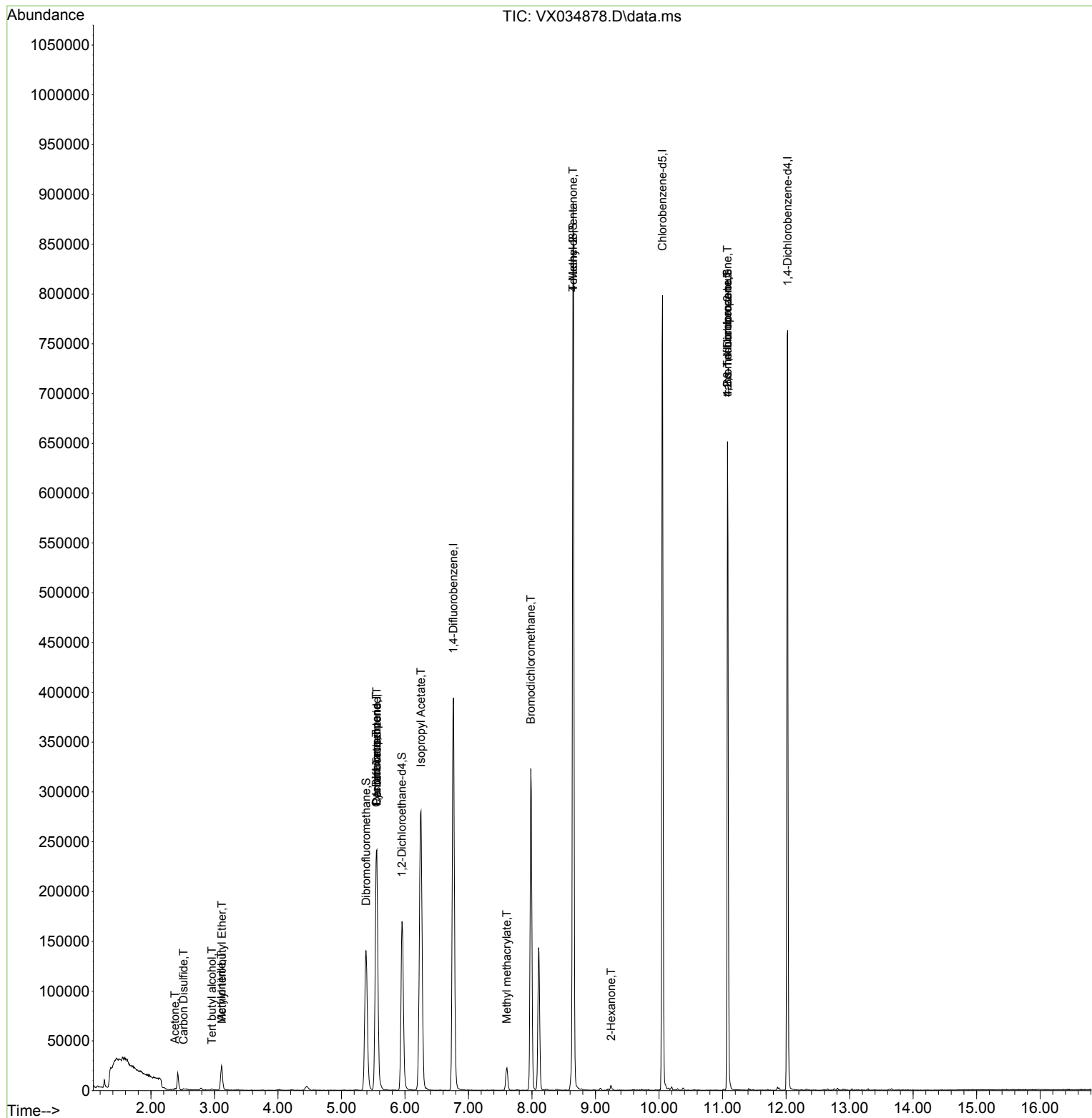
Internal Standards						
1) Pentafluorobenzene	5.556	168	224177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	393357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162892	47.512	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.020%		
35) Dibromofluoromethane	5.385	113	121794	46.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.620%		
50) Toluene-d8	8.647	98	505589	52.648	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.300%		
62) 4-Bromofluorobenzene	11.079	95	167480	45.068	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.140%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	1399	2.326	ug/l #	73
15) Acrylonitrile	3.111	53	304	0.225	ug/l #	13
16) Acetone	2.380	43	1738	1.248	ug/l	95
17) Carbon Disulfide	2.514	76	1583	0.275	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	24514	2.877	ug/l	92
31) Cyclohexane	5.550	56	5968	1.430	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	19348	5.020	ug/l #	51
38) Carbon Tetrachloride	5.556	117	24368	6.705	ug/l #	15
43) Isopropyl Acetate	6.251	43	72580	10.764	ug/l #	62
47) Bromodichloromethane	7.982	83	1773	0.484	ug/l #	37
48) Methyl methacrylate	7.604	41	7049	2.129	ug/l #	37
51) 4-Methyl-2-Pentanone	8.647	43	4667	1.169	ug/l #	1
59) 2-Hexanone	9.244	43	3353	1.111	ug/l	70
76) 1,2,3-Trichloropropane	11.079	75	90070	28.822	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	90070	86.378	ug/l #	8

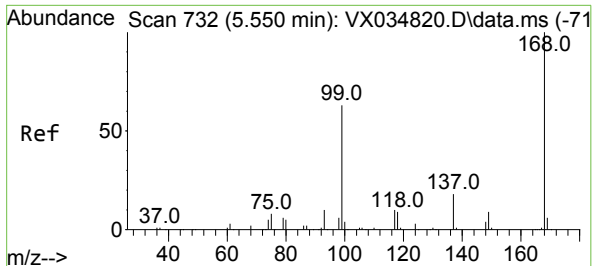
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
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Quant Time: Apr 03 01:19:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

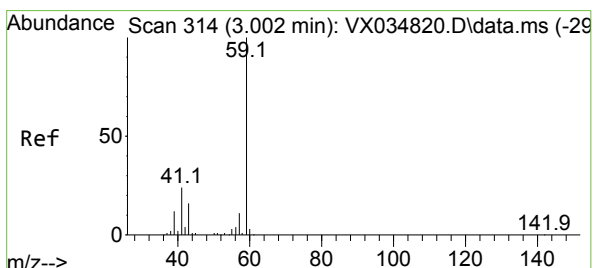
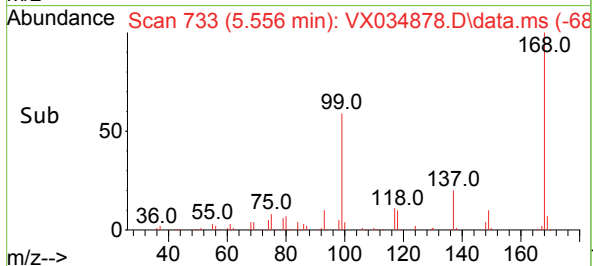
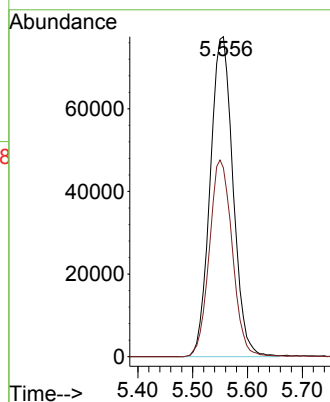
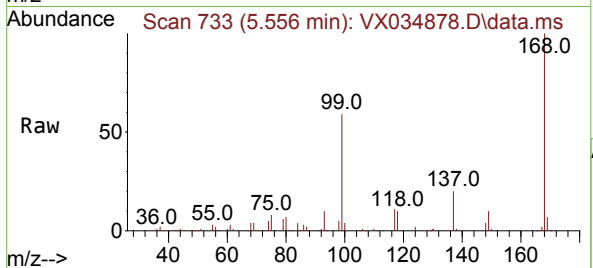




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

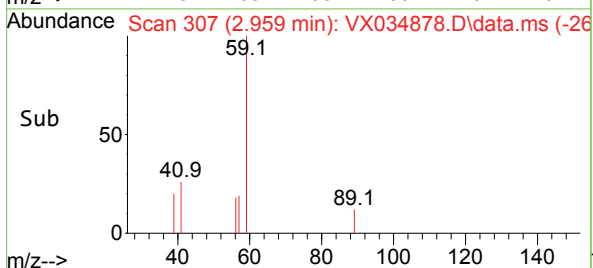
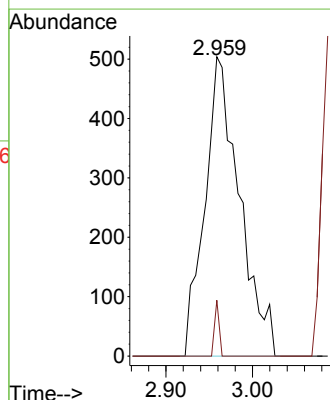
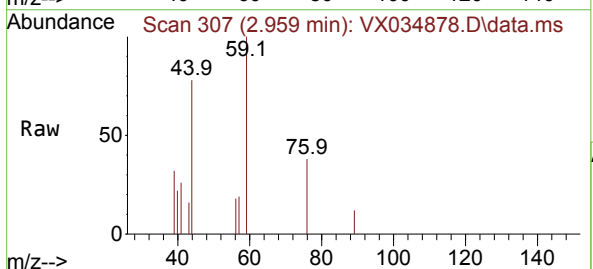
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

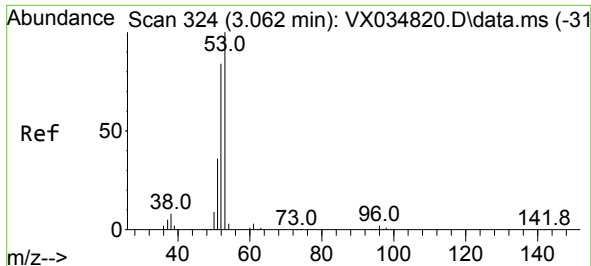
Tgt Ion:168 Resp: 224177
Ion Ratio Lower Upper
168 100
99 59.0 45.7 68.5



#11
Tert butyl alcohol
Concen: 2.326 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.043 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

Tgt Ion: 59 Resp: 1399
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#15

Acrylonitrile

Concen: 0.225 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX034878.D

Acq: 31 Mar 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

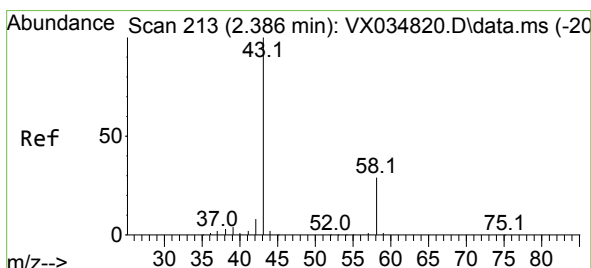
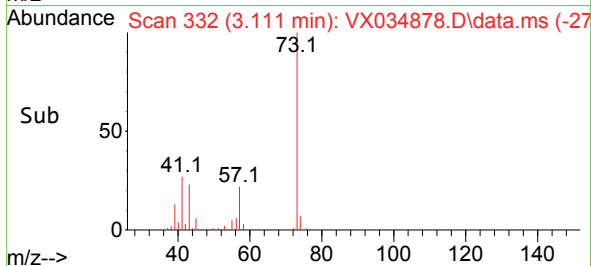
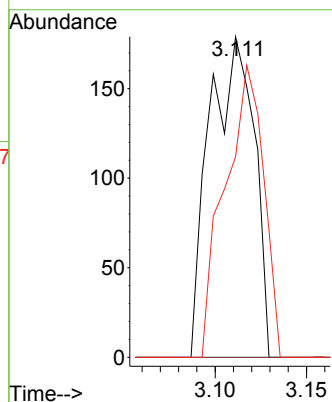
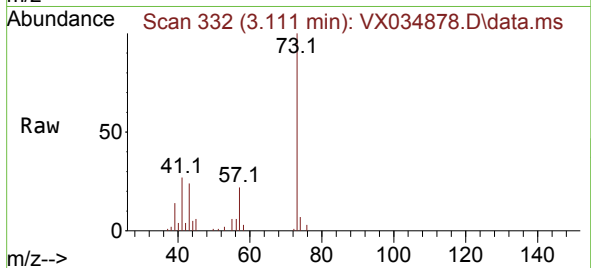
Tgt Ion: 53 Resp: 304

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.2#

51 78.9 28.3 42.5#



#16

Acetone

Concen: 1.248 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX034878.D

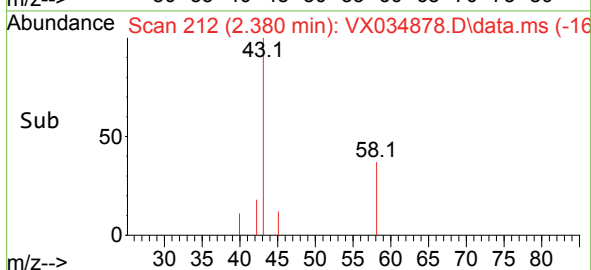
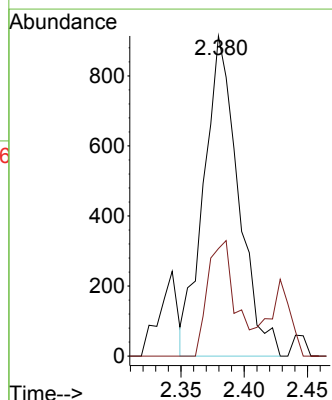
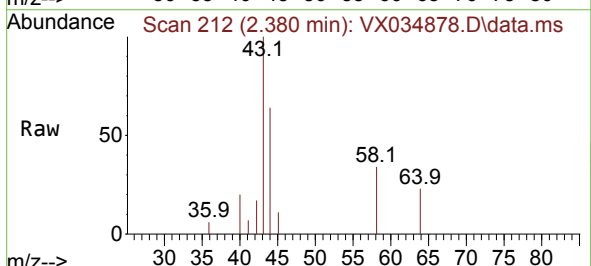
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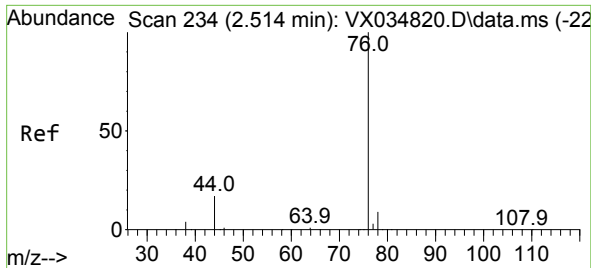
Tgt Ion: 43 Resp: 1738

Ion Ratio Lower Upper

43 100

58 33.6 24.7 37.1

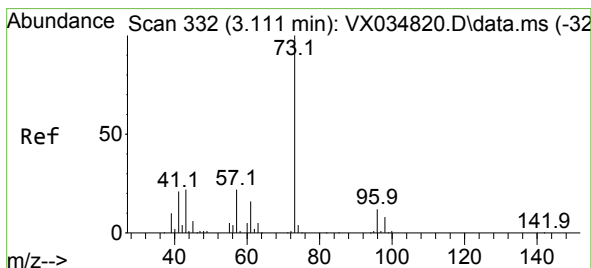
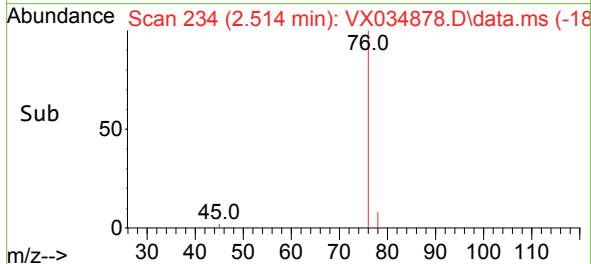
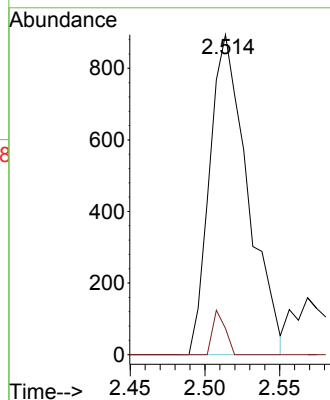
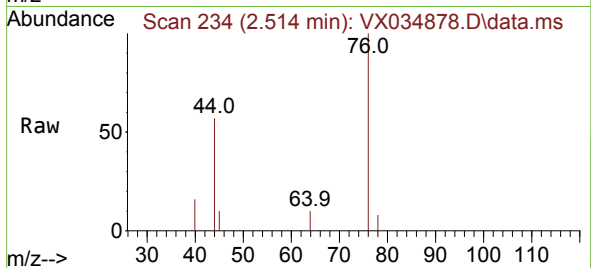




#17
Carbon Disulfide
Concen: 0.275 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

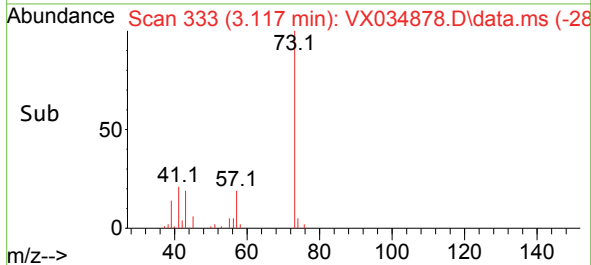
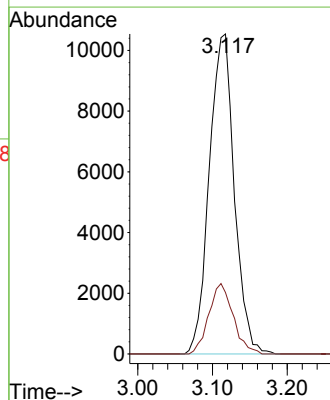
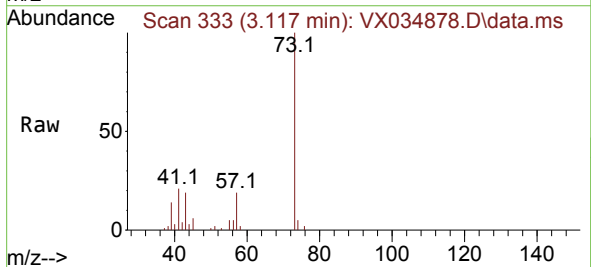
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

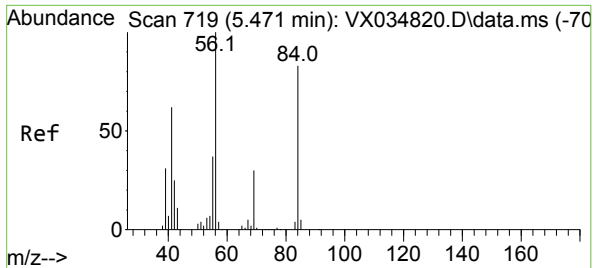
Tgt Ion: 76 Resp: 1583
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#19
Methyl tert-butyl Ether
Concen: 2.877 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

Tgt Ion: 73 Resp: 24514
Ion Ratio Lower Upper
73 100
57 19.2 18.5 27.7

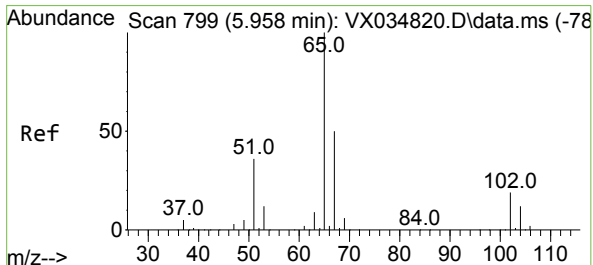
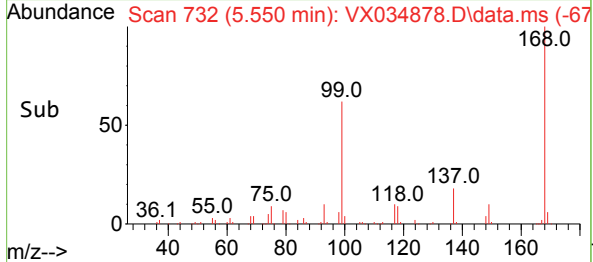
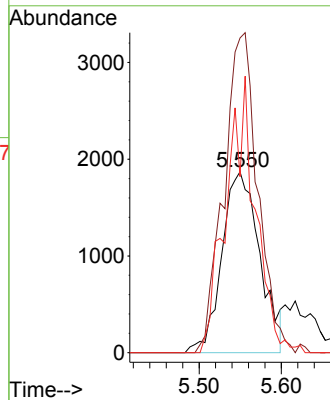
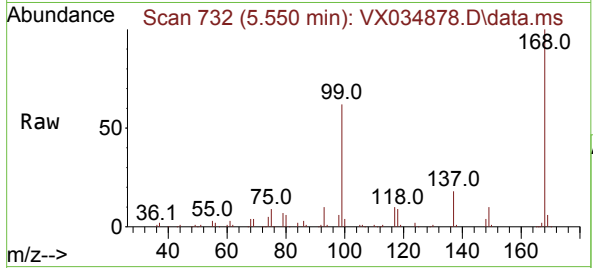




#31
Cyclohexane
Concen: 1.430 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

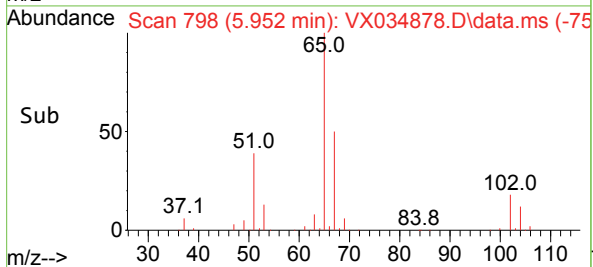
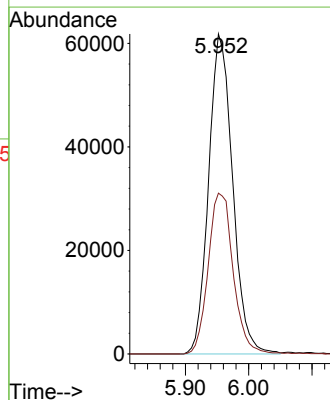
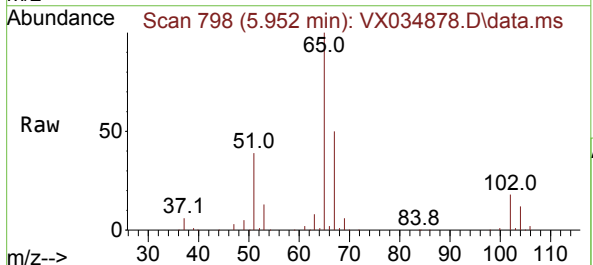
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

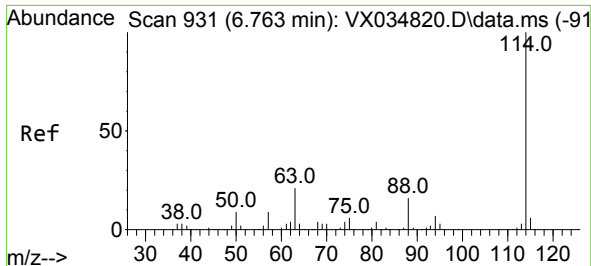
Tgt Ion: 56 Resp: 5968
Ion Ratio Lower Upper
56 100
69 173.9 23.7 35.5#
84 97.2 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 47.512 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

Tgt Ion: 65 Resp: 162892
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

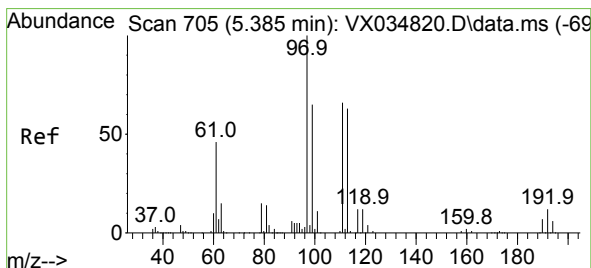
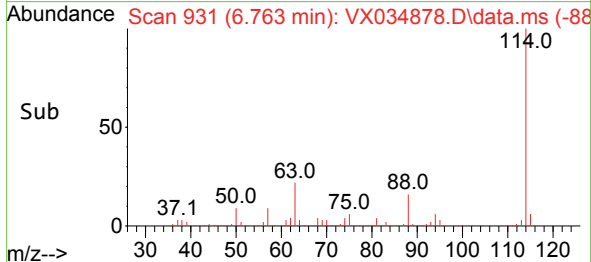
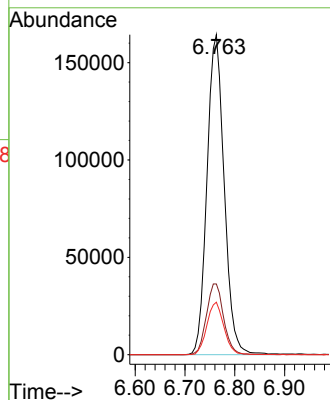
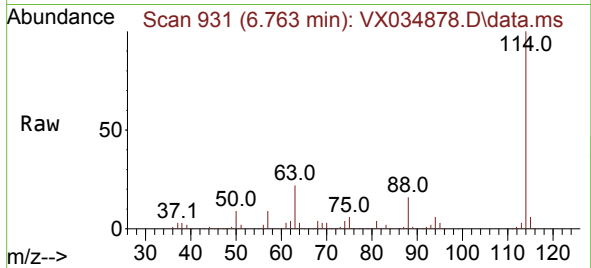




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

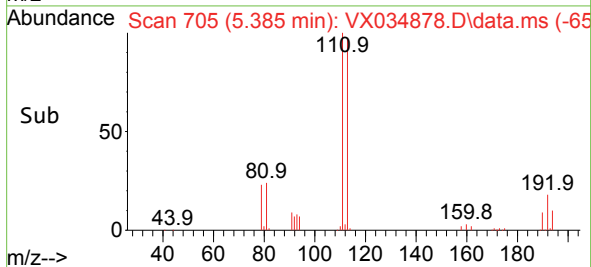
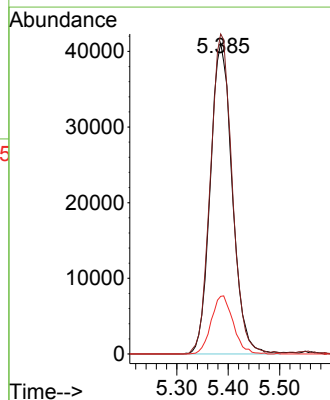
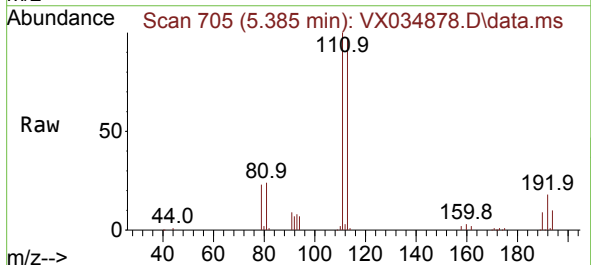
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

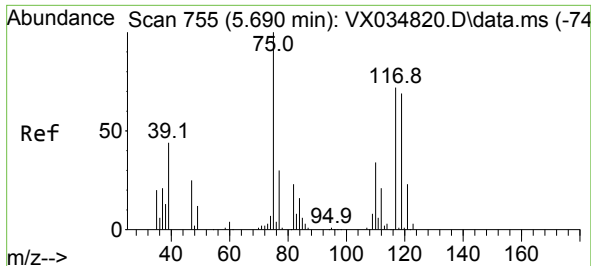
Tgt Ion:114 Resp: 393357
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.812 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

Tgt Ion:113 Resp: 121794
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 18.6 15.4 23.2

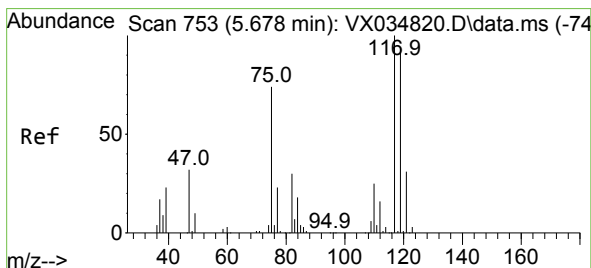
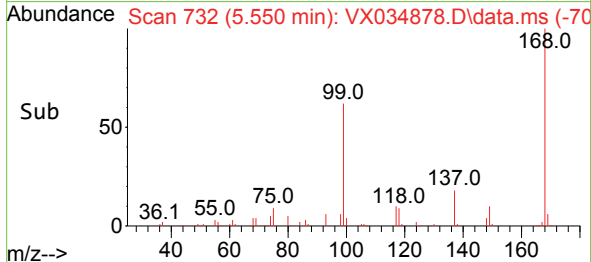
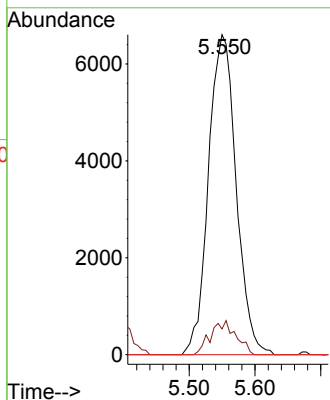
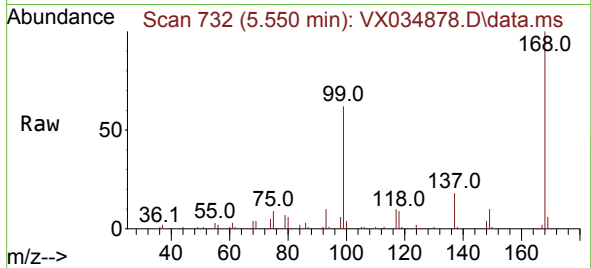




#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

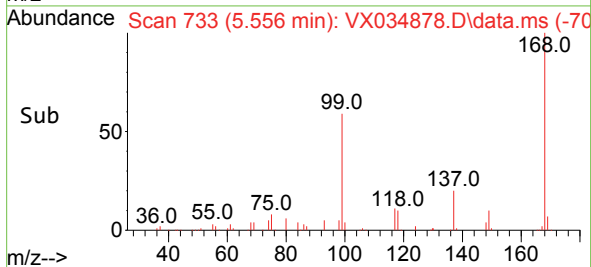
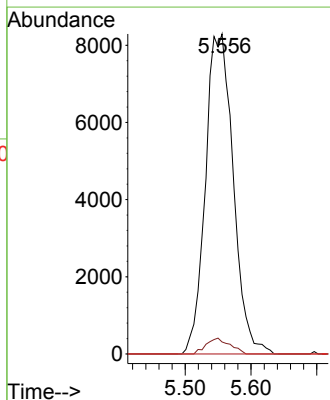
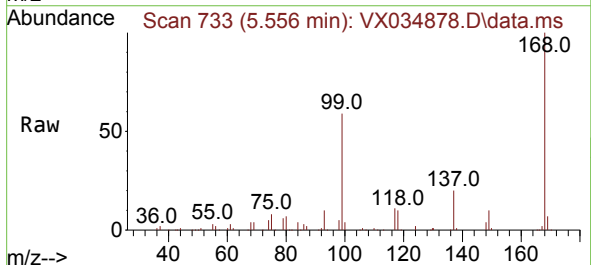
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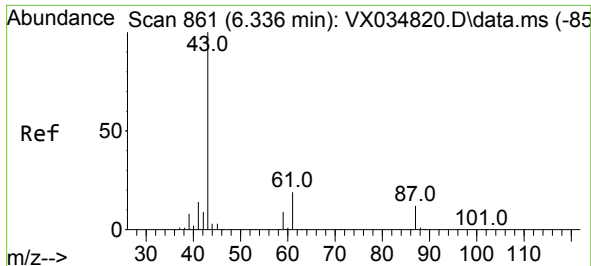
Tgt Ion: 75 Resp: 19348
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.705 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

Tgt Ion: 117 Resp: 24368
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 10.764 ug/l

RT: 6.251 min Scan# 84

Delta R.T. -0.085 min

Lab File: VX034878.D

Acq: 31 Mar 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

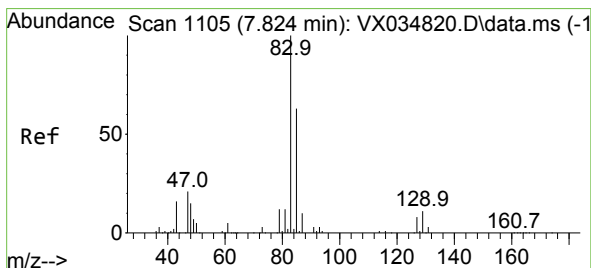
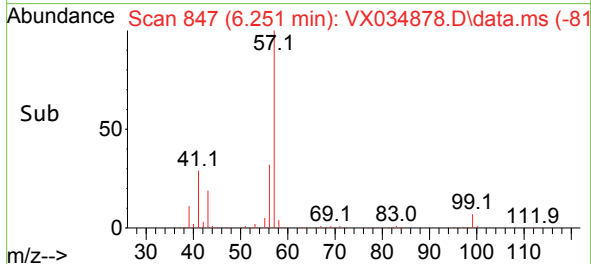
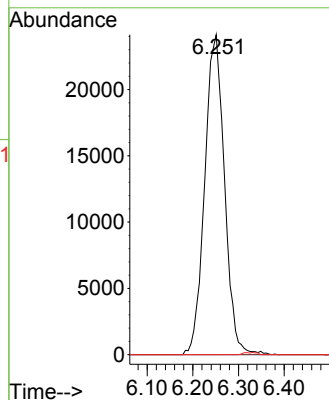
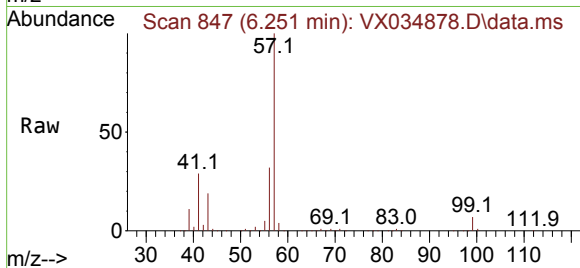
Tgt Ion: 43 Resp: 72580

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.8#



#47

Bromodichloromethane

Concen: 0.484 ug/l

RT: 7.982 min Scan# 1131

Delta R.T. 0.158 min

Lab File: VX034878.D

Acq: 31 Mar 2023 15:12

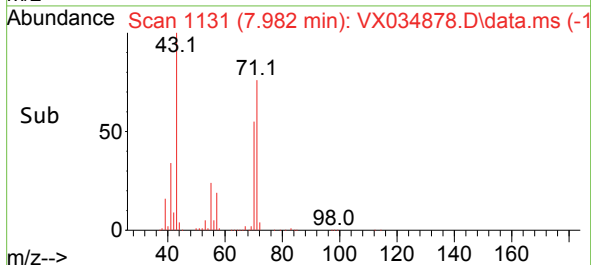
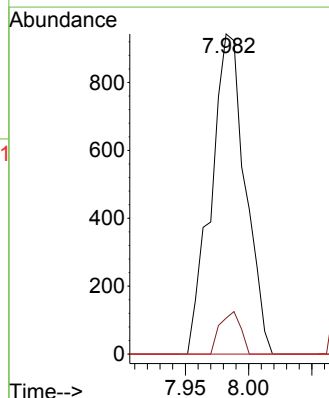
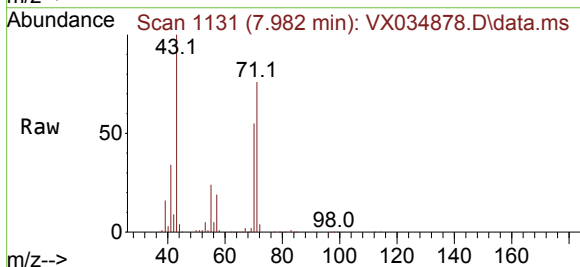
Tgt Ion: 83 Resp: 1773

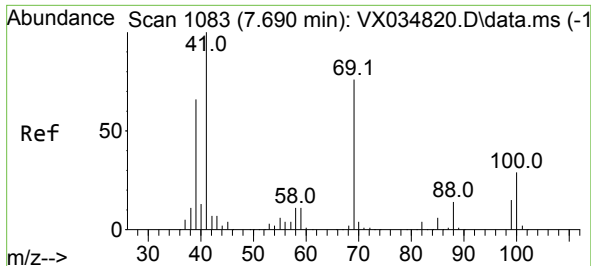
Ion Ratio Lower Upper

83 100

85 11.2 52.2 78.4#

127 0.0 6.6 9.8#





#48

Methyl methacrylate

Concen: 2.129 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. -0.085 min

Lab File: VX034878.D

Acq: 31 Mar 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

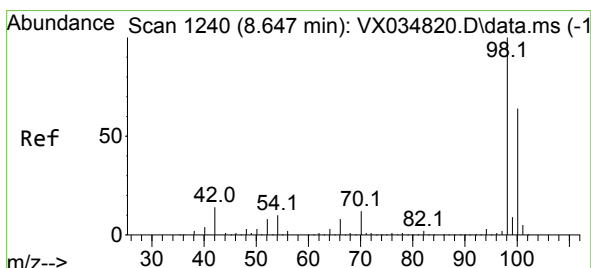
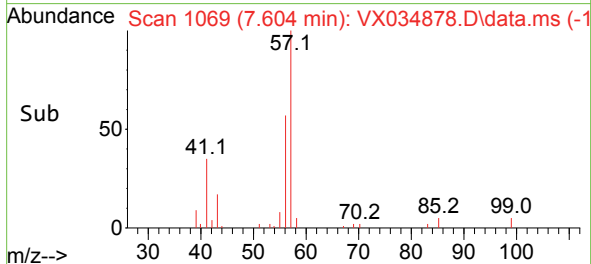
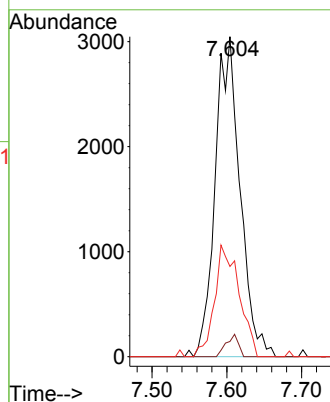
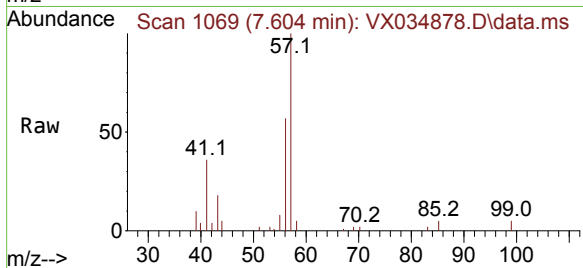
Tgt Ion: 41 Resp: 7049

Ion Ratio Lower Upper

41 100

69 3.4 62.2 93.4#

39 34.5 47.7 71.5#



#50

Toluene-d8

Concen: 52.648 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034878.D

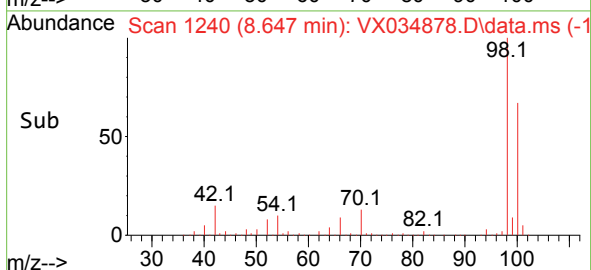
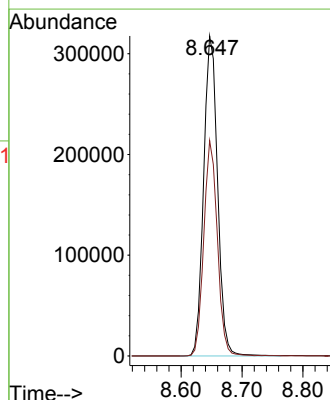
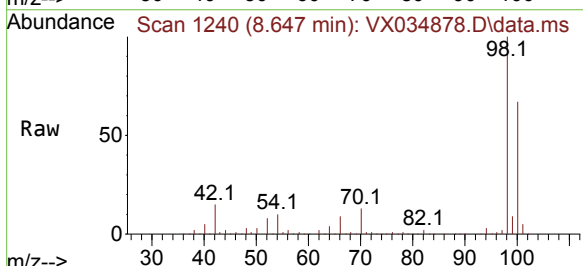
Acq: 31 Mar 2023 15:12

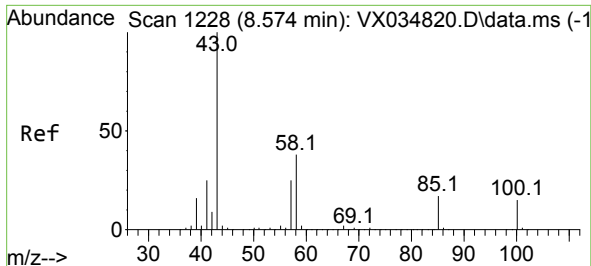
Tgt Ion: 98 Resp: 505589

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

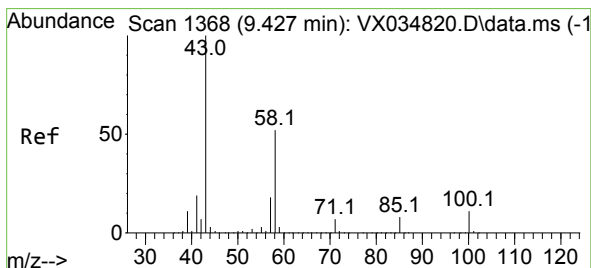
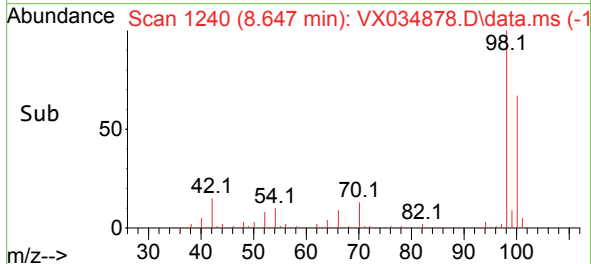
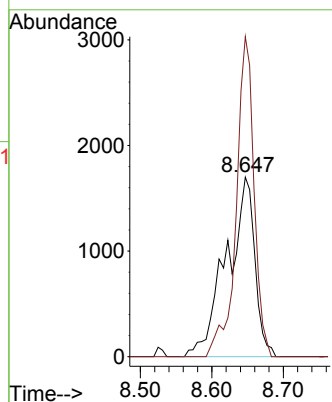
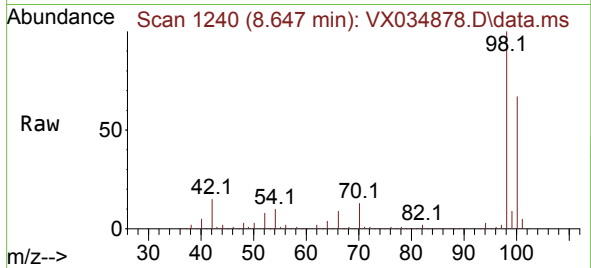




#51
4-Methyl-2-Pentanone
Concen: 1.169 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

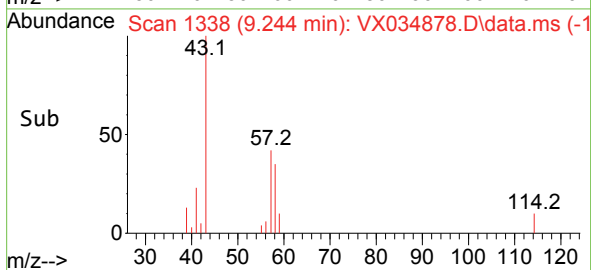
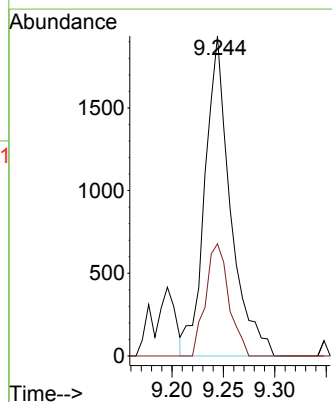
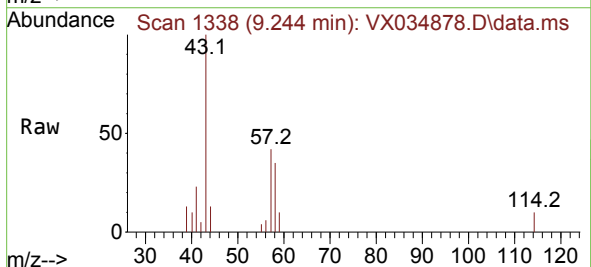
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

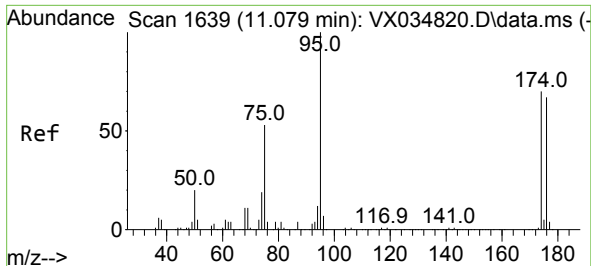
Tgt Ion: 43 Resp: 4667
Ion Ratio Lower Upper
43 100
58 112.6 30.6 46.0#



#59
2-Hexanone
Concen: 1.111 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. -0.183 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

Tgt Ion: 43 Resp: 3353
Ion Ratio Lower Upper
43 100
58 31.7 26.3 78.9

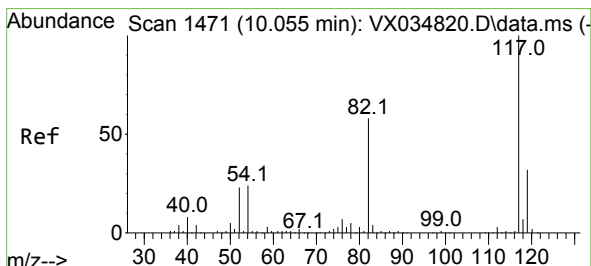
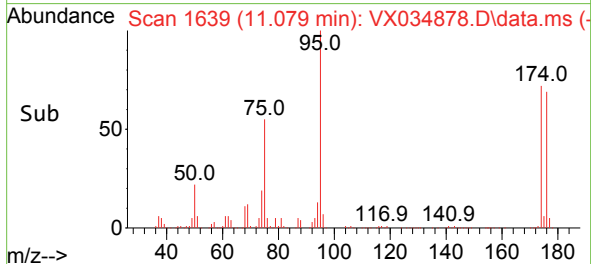
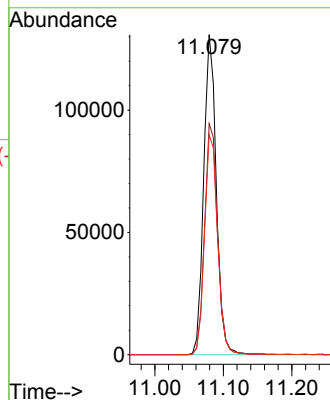
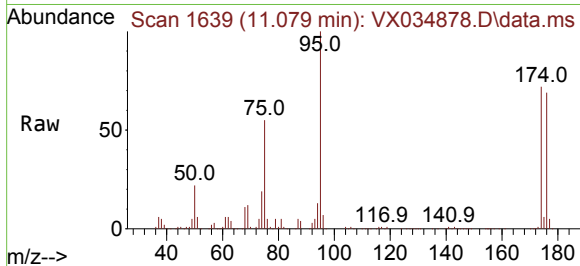




#62
4-Bromofluorobenzene
Concen: 45.068 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

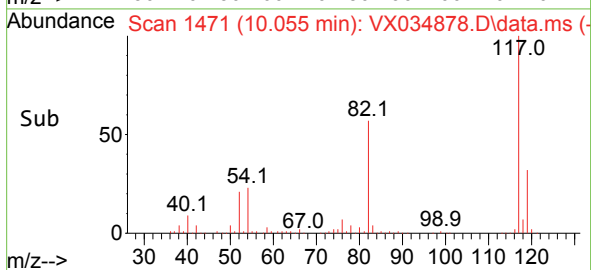
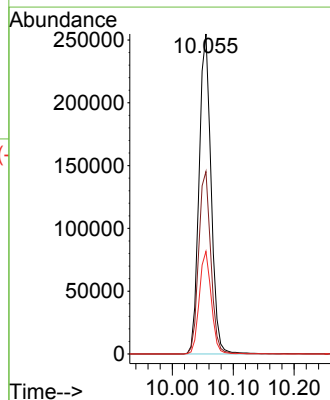
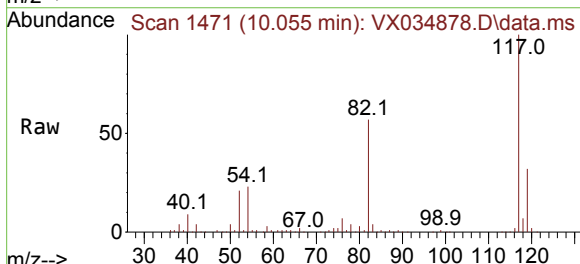
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

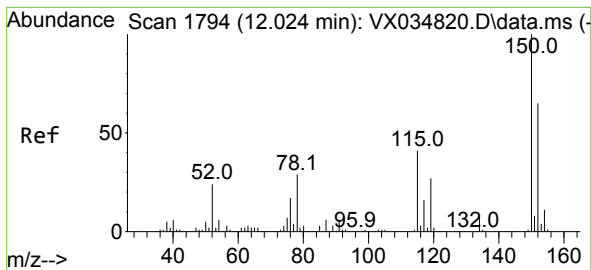
Tgt Ion: 95 Resp: 167480
Ion Ratio Lower Upper
95 100
174 74.5 0.0 147.4
176 71.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034878.D
Acq: 31 Mar 2023 15:12

Tgt Ion: 117 Resp: 348207
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 32.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034878.D

Acq: 31 Mar 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

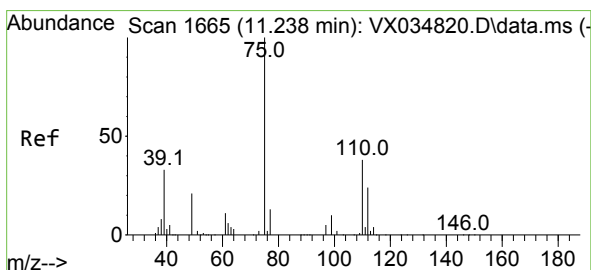
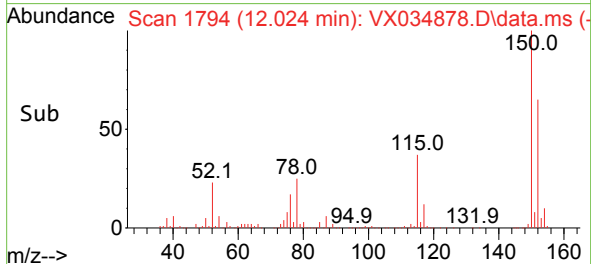
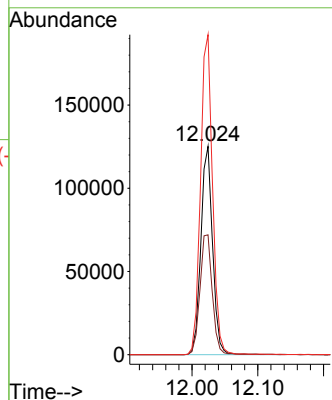
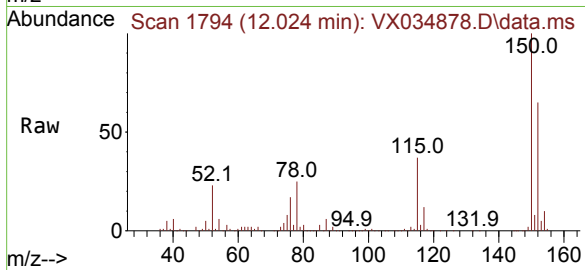
Tgt Ion:152 Resp: 155093

Ion Ratio Lower Upper

152 100

115 60.6 45.0 135.0

150 157.0 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 28.822 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034878.D

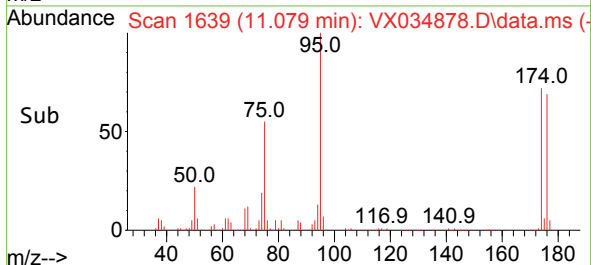
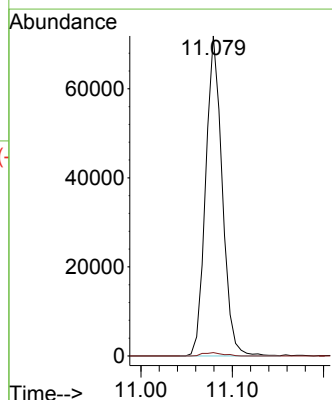
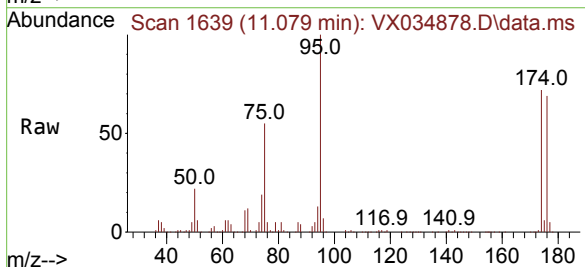
Acq: 31 Mar 2023 15:12

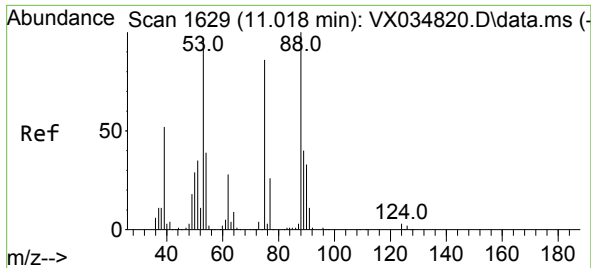
Tgt Ion: 75 Resp: 90070

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.378 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034878.D
 Acq: 31 Mar 2023 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Tgt Ion: 75 Resp: 90070
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

