

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034879.D
 Acq On : 31 Mar 2023 15:35
 Operator : JC/MD
 Sample : 02048-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Apr 03 01:19:30 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)

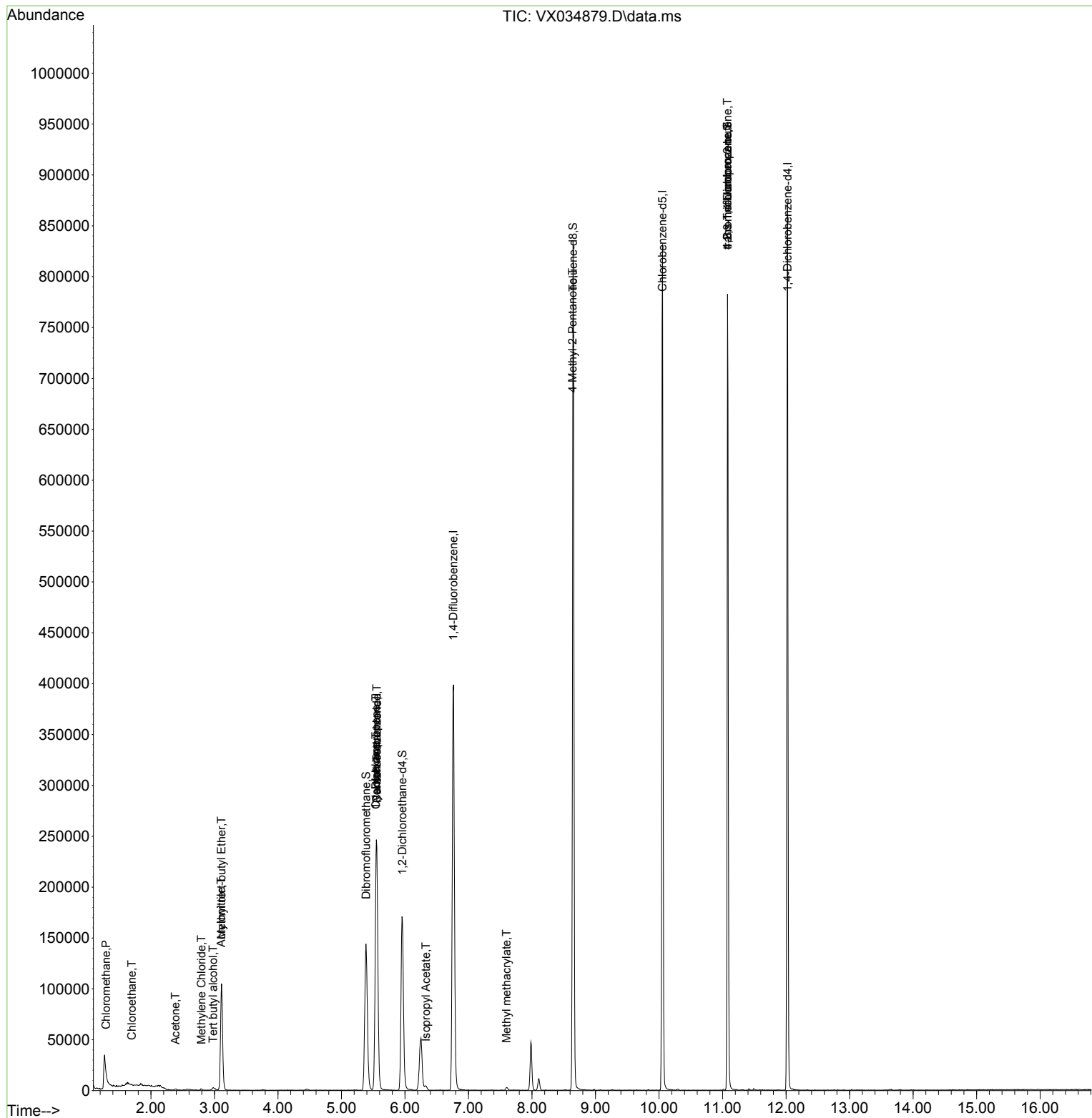
Internal Standards						
1) Pentafluorobenzene	5.556	168	229160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	395015	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	353972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164664	46.984	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.960%
35) Dibromofluoromethane	5.385	113	121465	46.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	475731	49.331	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.079	95	198230	53.118	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.240%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1725	0.603	ug/l #	68
6) Chloroethane	1.697	64	666	0.361	ug/l #	71
11) Tert butyl alcohol	2.977	59	4292	6.980	ug/l #	73
15) Acrylonitrile	3.105	53	1414	1.022	ug/l #	26
16) Acetone	2.386	43	1211	0.851	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	109098	12.525	ug/l	96
20) Methylene Chloride	2.794	84	593	0.211	ug/l #	86
31) Cyclohexane	5.544	56	5915	1.386	ug/l #	2
36) 1,1-Dichloropropene	5.544	75	19382	5.007	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24543	6.725	ug/l #	16
43) Isopropyl Acetate	6.330	43	1589	0.235	ug/l #	15
48) Methyl methacrylate	7.598	41	936	0.281	ug/l #	38
51) 4-Methyl-2-Pentanone	8.641	43	2705	0.675	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	110354	32.448	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110354	97.243	ug/l #	8

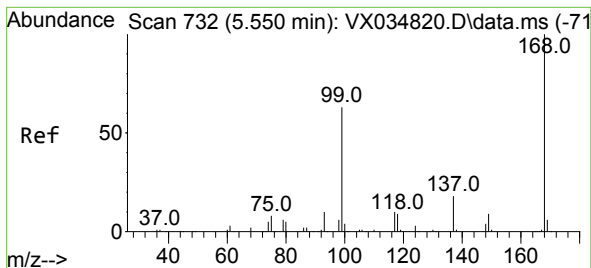
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX034879.D

Acq: 31 Mar 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

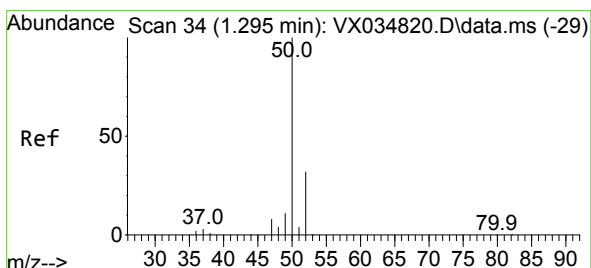
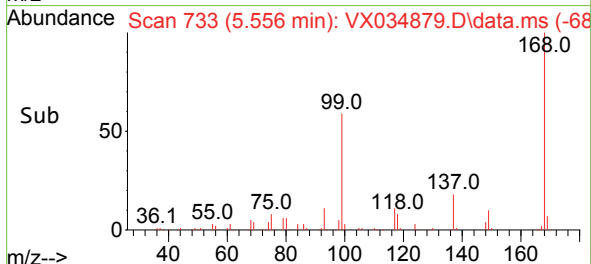
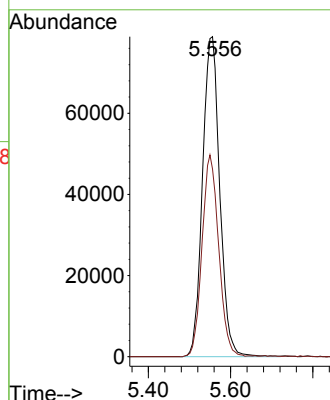
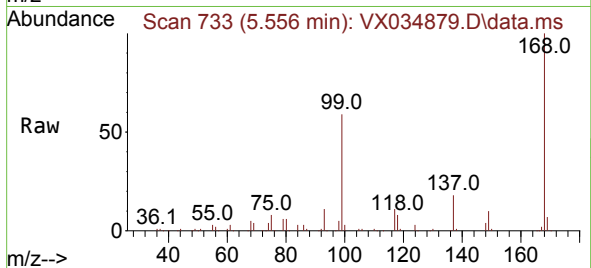
MW-6

Tgt Ion:168 Resp: 229160

Ion Ratio Lower Upper

168 100

99 58.6 45.7 68.5



#3

Chloromethane

Concen: 0.603 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX034879.D

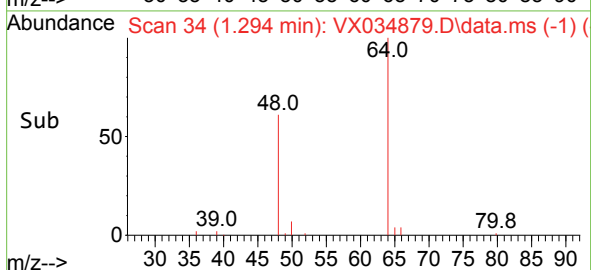
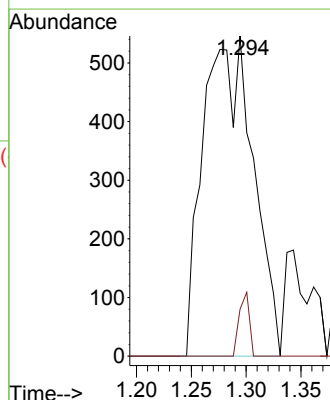
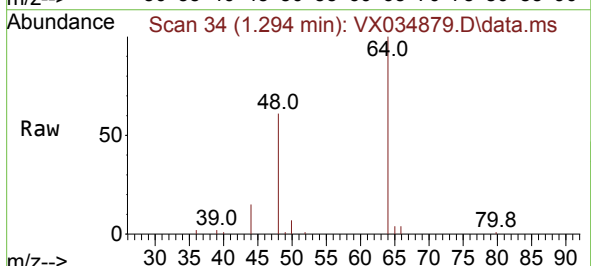
Acq: 31 Mar 2023 15:35

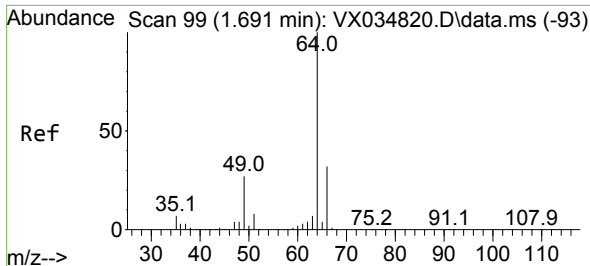
Tgt Ion: 50 Resp: 1725

Ion Ratio Lower Upper

50 100

52 14.7 25.9 38.9#

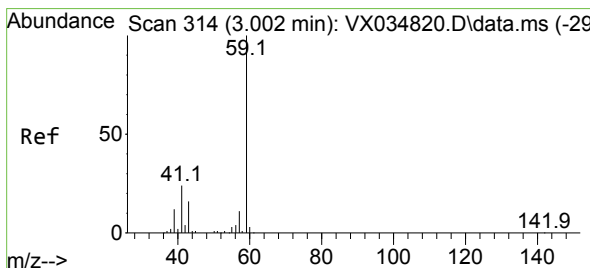
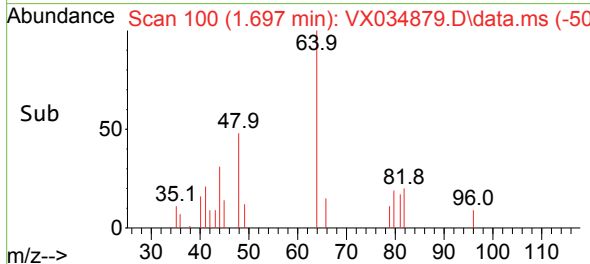
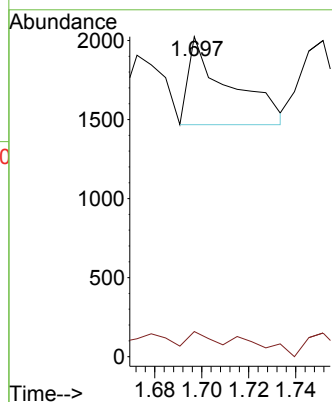
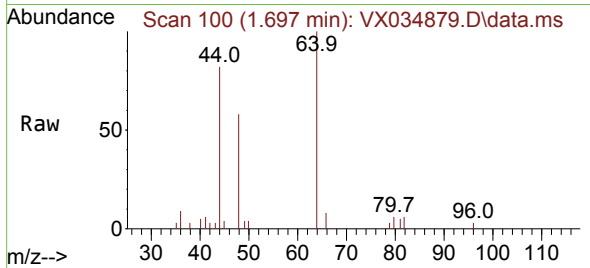




#6
Chloroethane
Concen: 0.361 ug/l
RT: 1.697 min Scan# 10
Delta R.T. 0.006 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

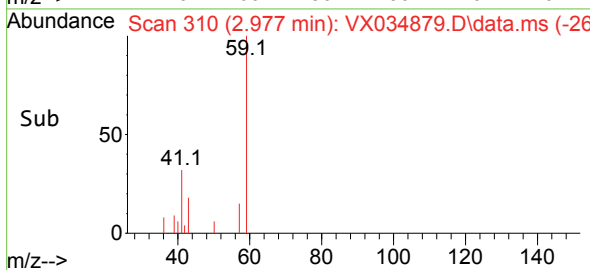
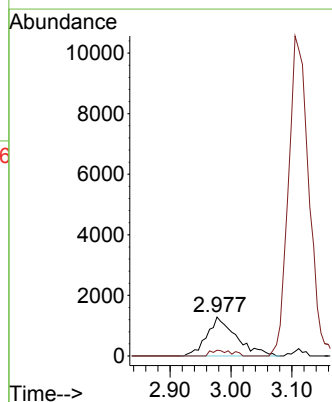
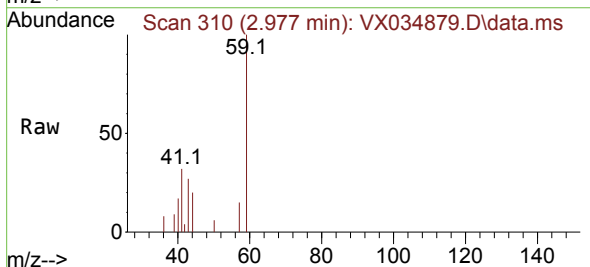
Instrument :
MSVOA_X
ClientSampleId :
MW-6

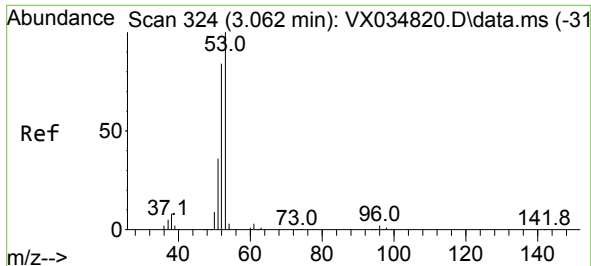
Tgt Ion: 64 Resp: 666
Ion Ratio Lower Upper
64 100
66 16.5 26.2 39.4#



#11
Tert butyl alcohol
Concen: 6.980 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.024 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

Tgt Ion: 59 Resp: 4292
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#15

Acrylonitrile

Concen: 1.022 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.043 min

Lab File: VX034879.D

Acq: 31 Mar 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

MW-6

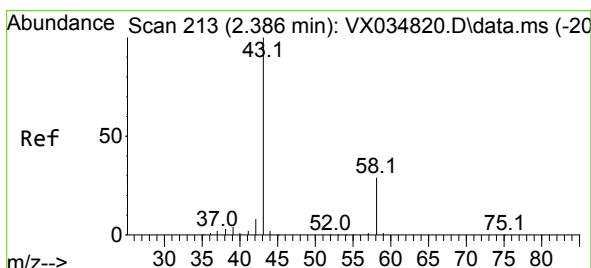
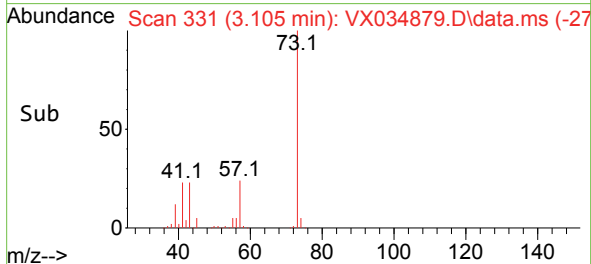
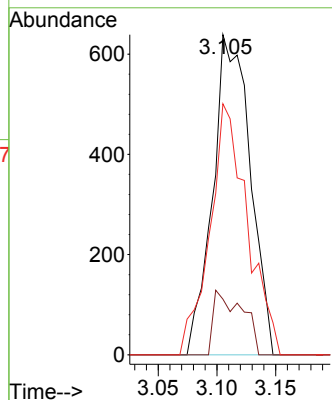
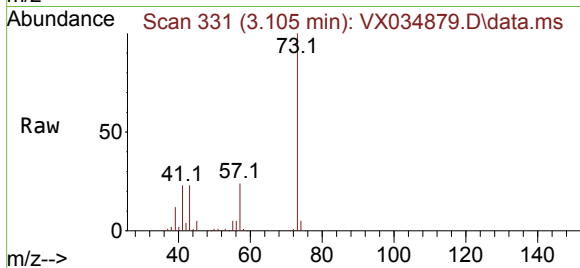
Tgt Ion: 53 Resp: 1414

Ion Ratio Lower Upper

53 100

52 15.5 66.2 99.2#

51 78.4 28.3 42.5#



#16

Acetone

Concen: 0.851 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX034879.D

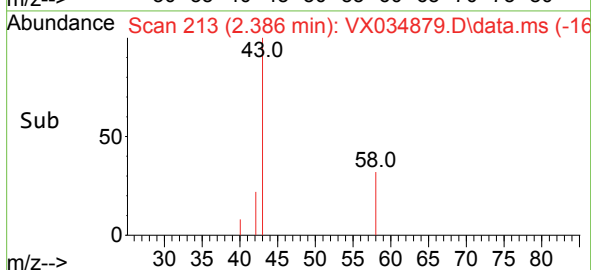
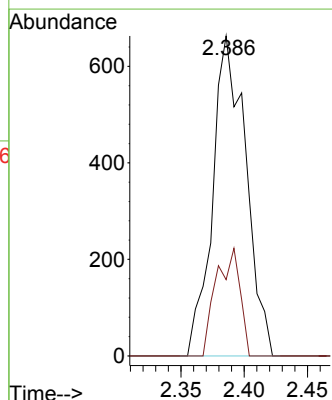
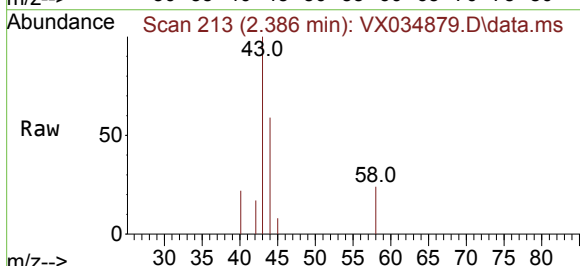
Acq: 31 Mar 2023 15:35

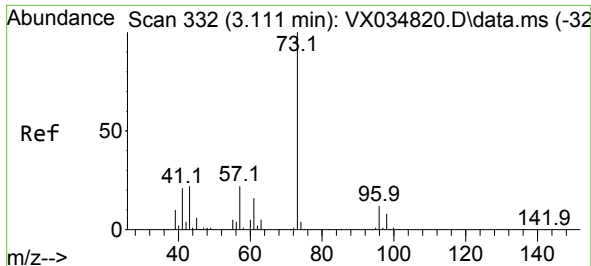
Tgt Ion: 43 Resp: 1211

Ion Ratio Lower Upper

43 100

58 23.8 24.7 37.1#

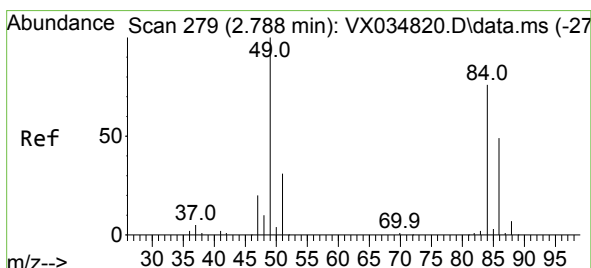
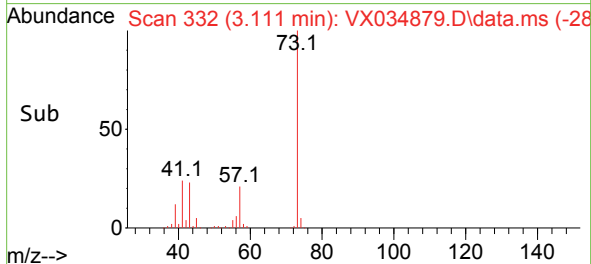
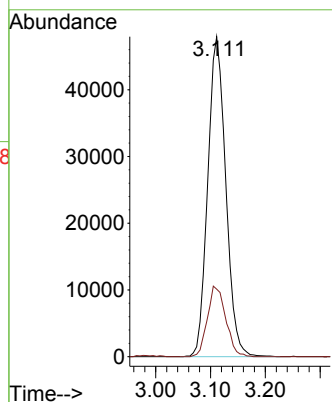
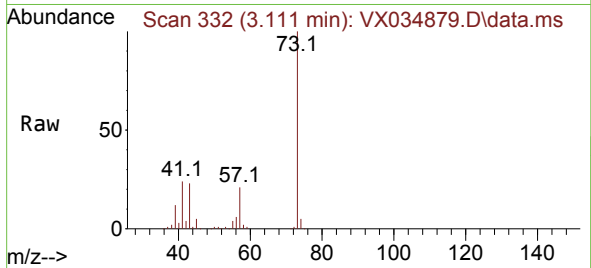




#19
Methyl tert-butyl Ether
Concen: 12.525 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

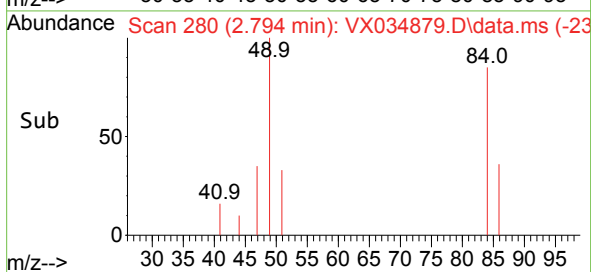
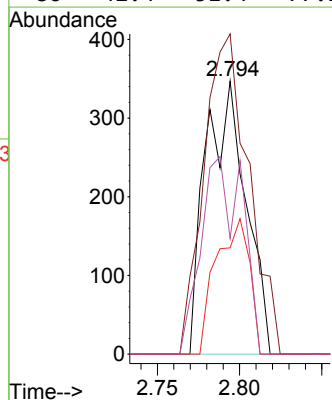
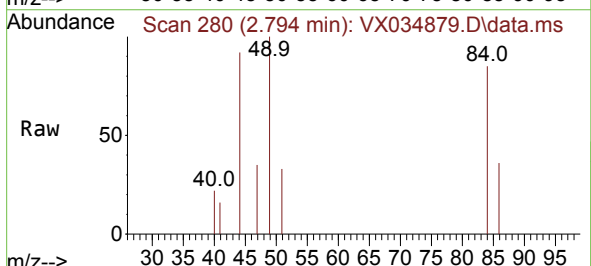
Instrument :
MSVOA_X
ClientSampleId :
MW-6

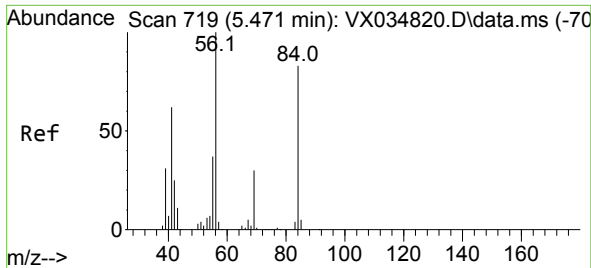
Tgt Ion: 73 Resp: 109098
Ion Ratio Lower Upper
73 100
57 21.1 18.5 27.7



#20
Methylene Chloride
Concen: 0.211 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

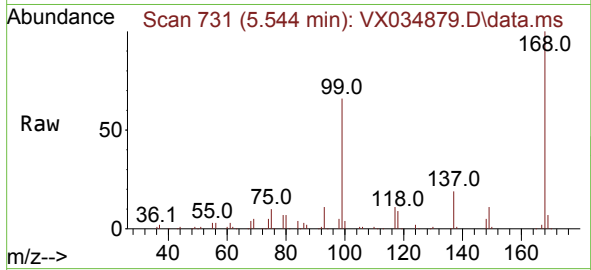
Tgt Ion: 84 Resp: 593
Ion Ratio Lower Upper
84 100
49 117.3 103.8 155.8
51 38.9 31.8 47.8
86 42.4 51.4 77.2#



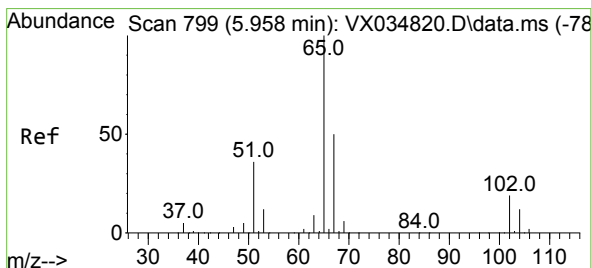
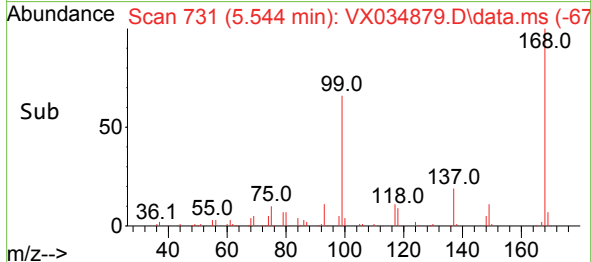
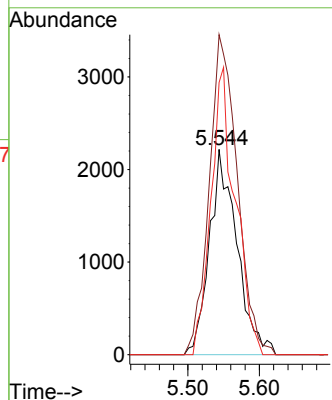


#31
Cyclohexane
Concen: 1.386 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

Instrument :
MSVOA_X
ClientSampleId :
MW-6

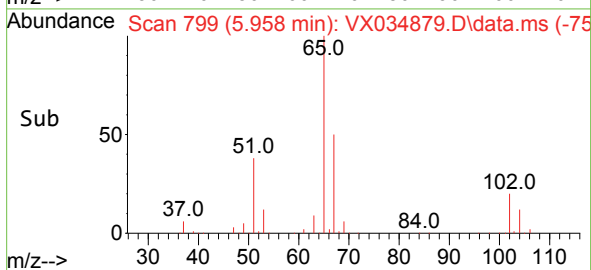
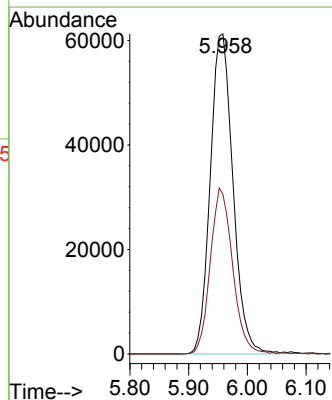
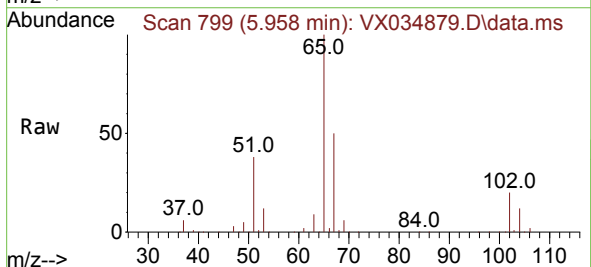


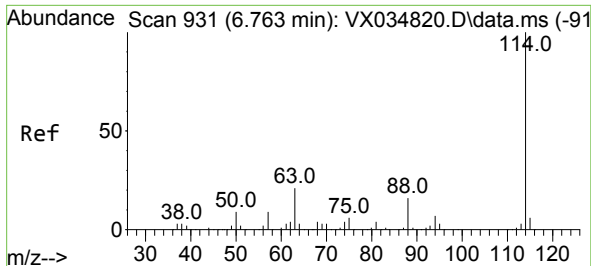
Tgt Ion: 56 Resp: 5915
Ion Ratio Lower Upper
56 100
69 155.9 23.7 35.5#
84 132.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.984 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

Tgt Ion: 65 Resp: 164664
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

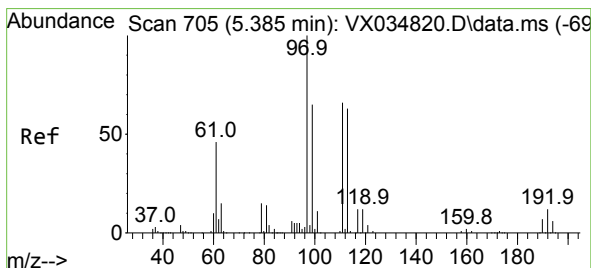
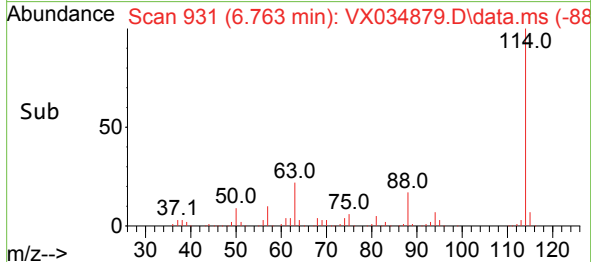
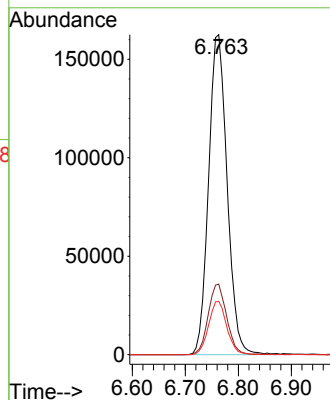
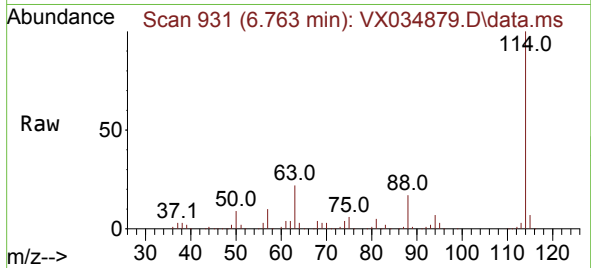




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

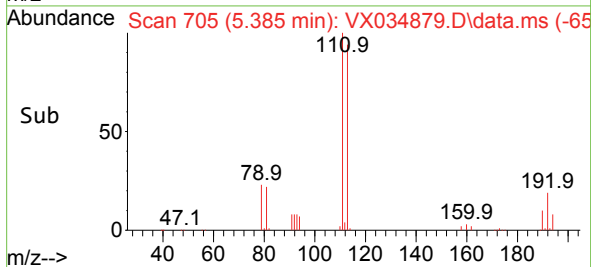
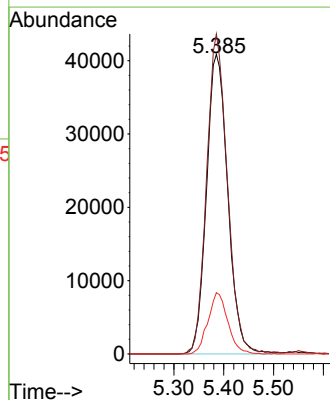
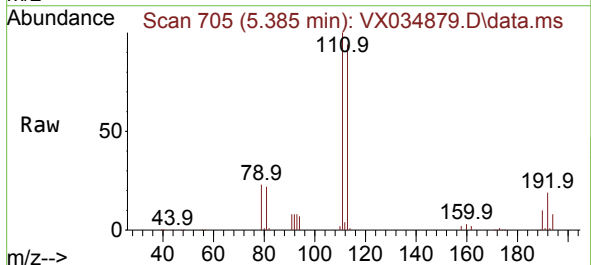
Instrument :
MSVOA_X
ClientSampleId :
MW-6

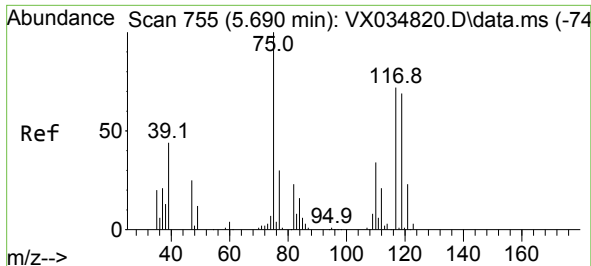
Tgt Ion:114 Resp: 395015
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.490 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

Tgt Ion:113 Resp: 121465
Ion Ratio Lower Upper
113 100
111 104.4 83.7 125.5
192 19.0 15.4 23.2

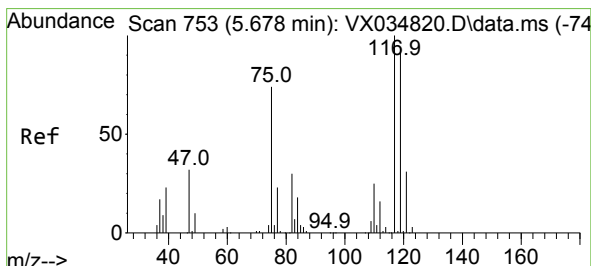
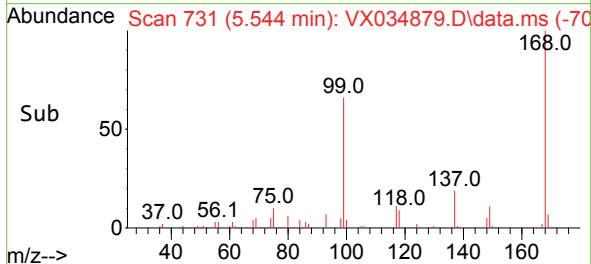
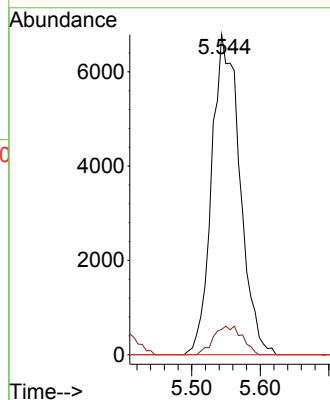
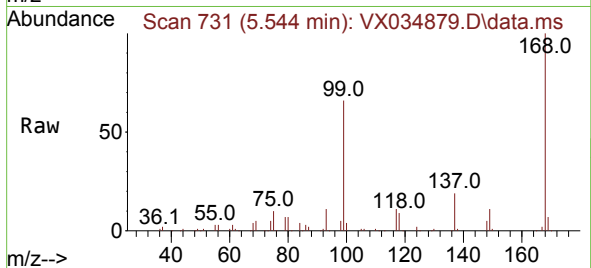




#36
 1,1-Dichloropropene
 Concen: 5.007 ug/l
 RT: 5.544 min Scan# 713
 Delta R.T. -0.146 min
 Lab File: VX034879.D
 Acq: 31 Mar 2023 15:35

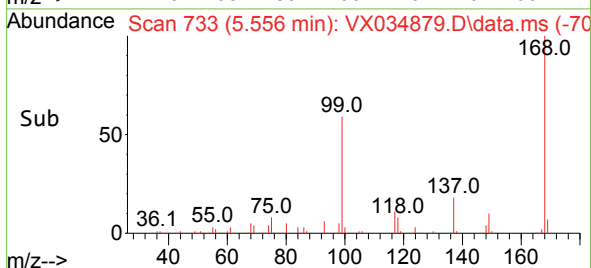
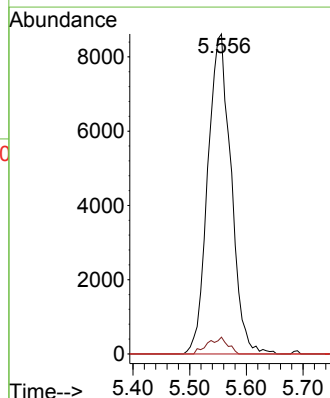
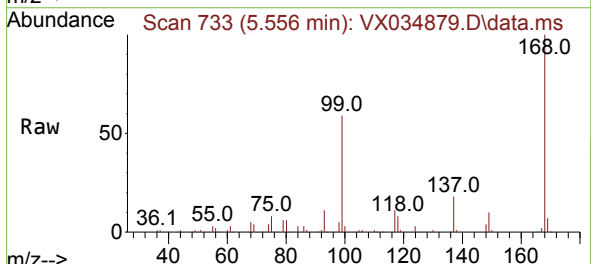
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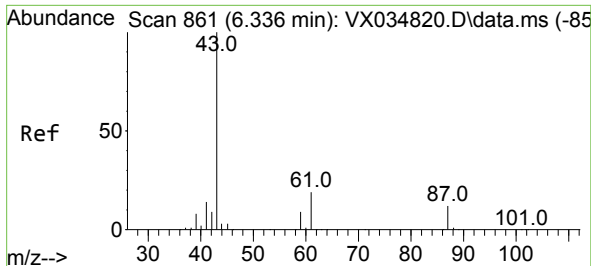
Tgt Ion: 75 Resp: 19382
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.725 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX034879.D
 Acq: 31 Mar 2023 15:35

Tgt Ion: 117 Resp: 24543
 Ion Ratio Lower Upper
 117 100
 119 5.3 76.6 114.8#
 121 0.0 23.8 35.6#

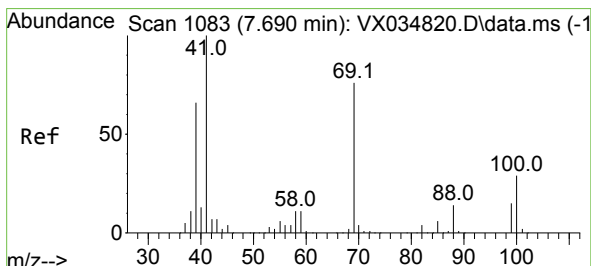
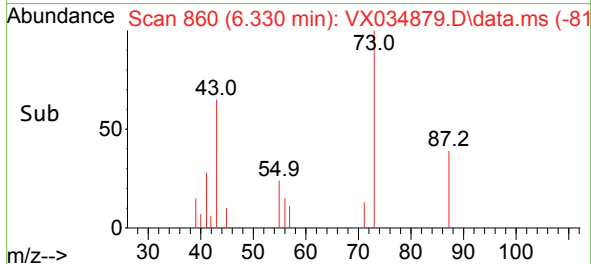
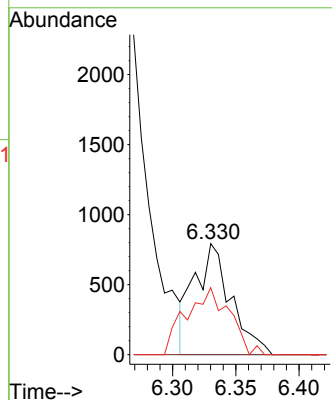
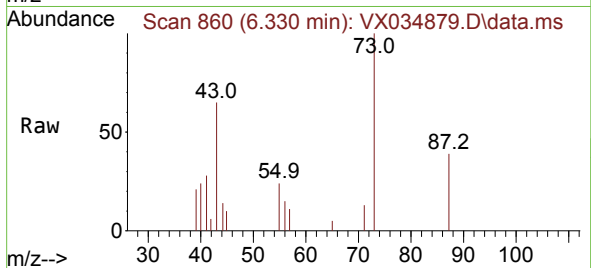




#43
Isopropyl Acetate
Concen: 0.235 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

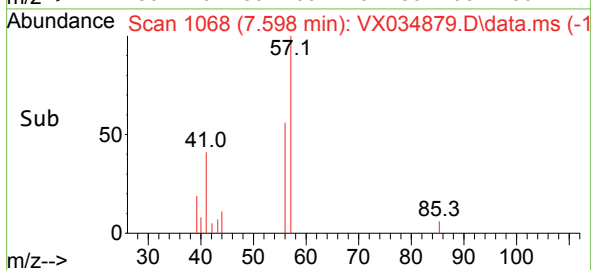
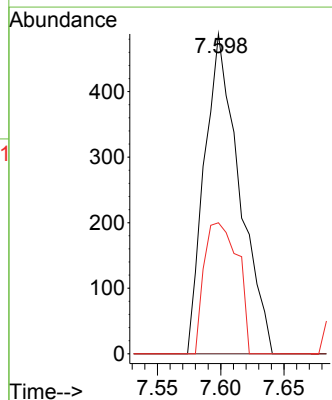
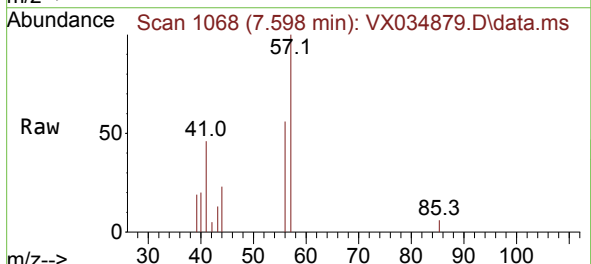
Instrument :
MSVOA_X
ClientSampleId :
MW-6

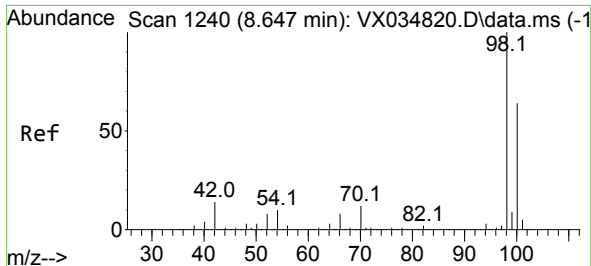
Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 71.6 9.8 14.8#



#48
Methyl methacrylate
Concen: 0.281 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.091 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

Tgt Ion: 41 Resp: 936
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 39.5 47.7 71.5#

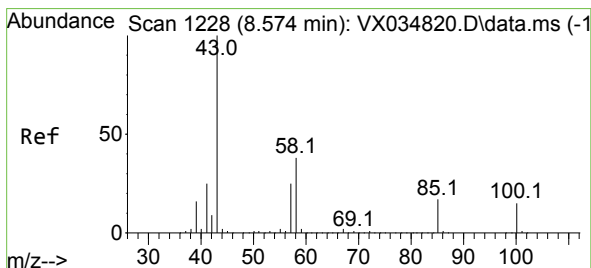
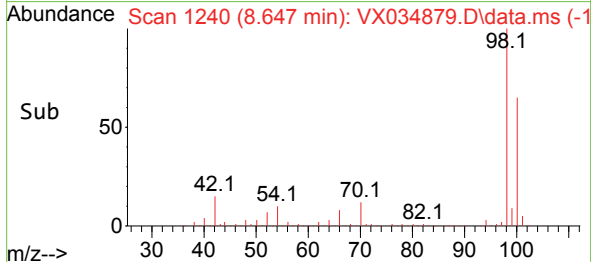
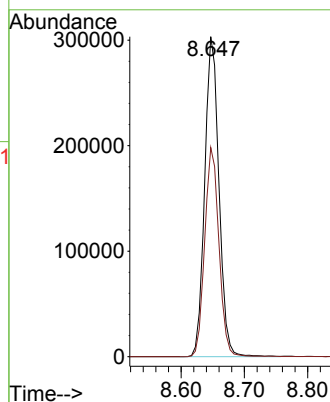
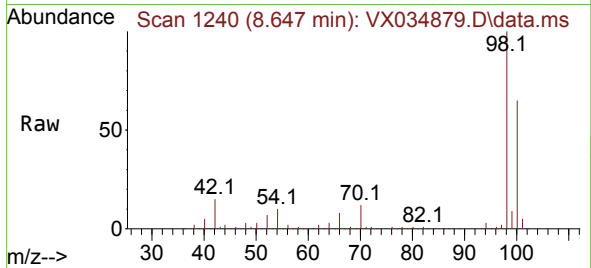




#50
Toluene-d8
Concen: 49.331 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

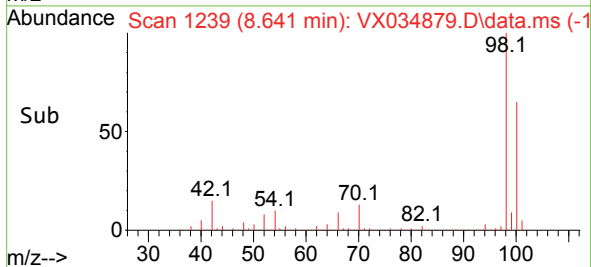
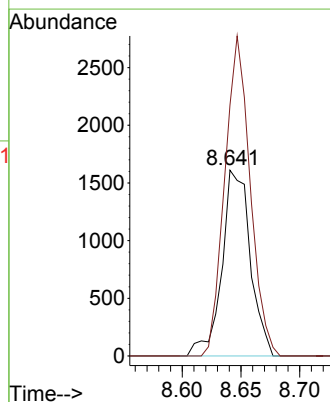
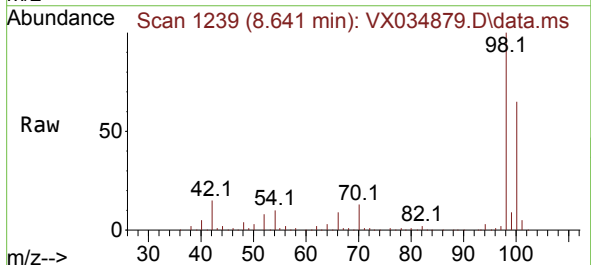
Instrument :
MSVOA_X
ClientSampleId :
MW-6

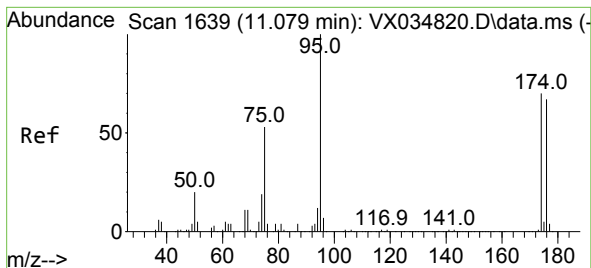
Tgt Ion: 98 Resp: 475731
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.675 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

Tgt Ion: 43 Resp: 2705
Ion Ratio Lower Upper
43 100
58 154.1 30.6 46.0#

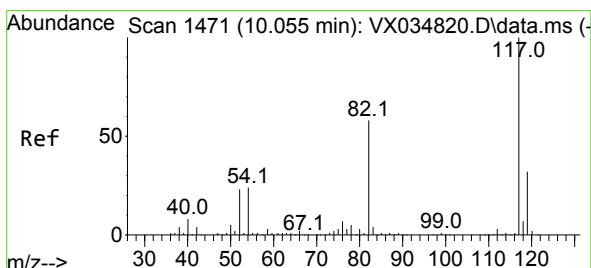
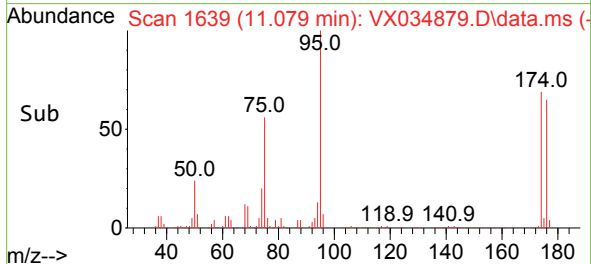
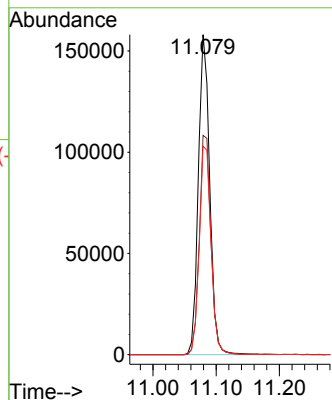
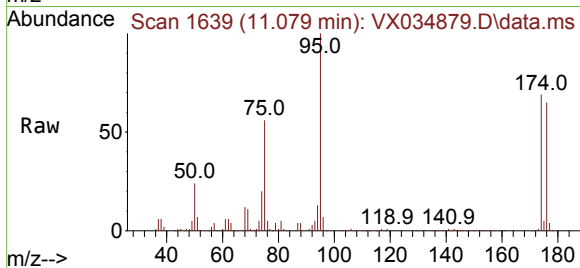




#62
4-Bromofluorobenzene
Concen: 53.118 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

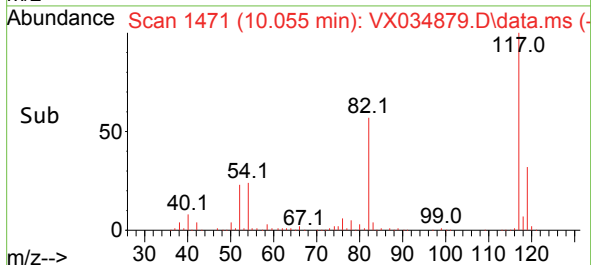
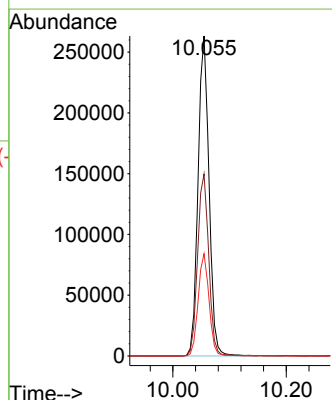
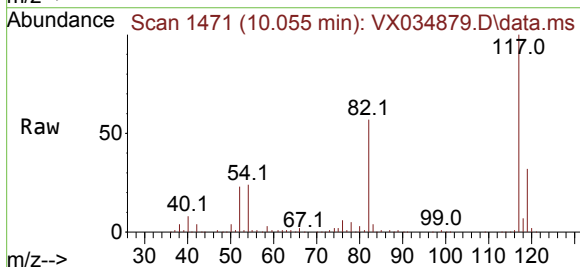
Instrument :
MSVOA_X
ClientSampleId :
MW-6

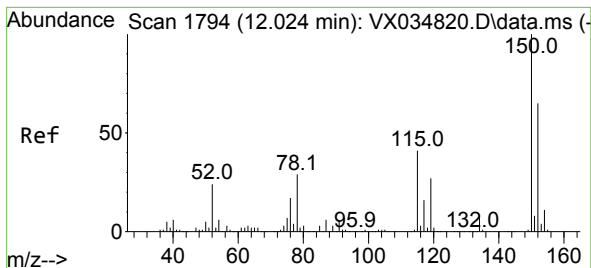
Tgt Ion: 95 Resp: 198230
Ion Ratio Lower Upper
95 100
174 70.4 0.0 147.4
176 67.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034879.D
Acq: 31 Mar 2023 15:35

Tgt Ion: 117 Resp: 353972
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 31.9 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: VX034879.D

Acq: 31 Mar 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

MW-6

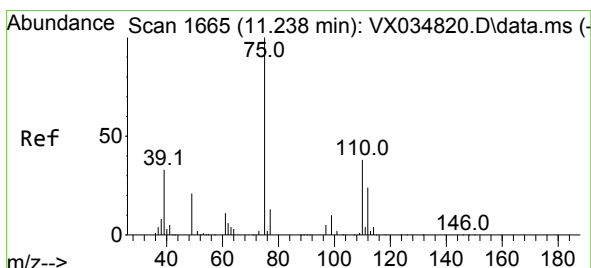
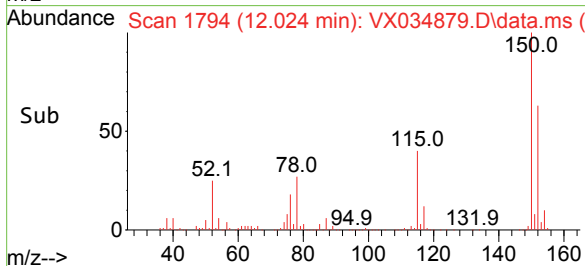
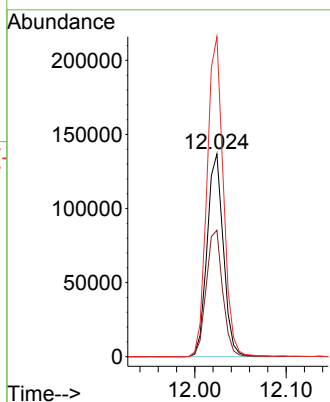
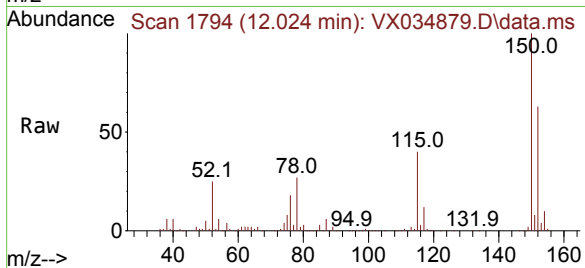
Tgt Ion:152 Resp: 168790

Ion Ratio Lower Upper

152 100

115 63.2 45.0 135.0

150 157.9 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 32.448 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034879.D

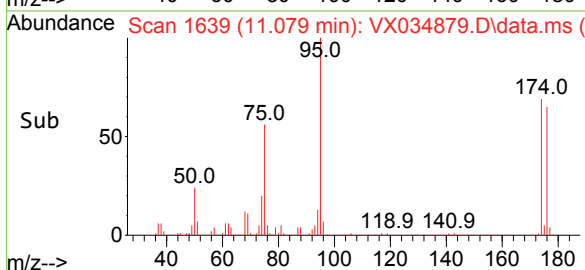
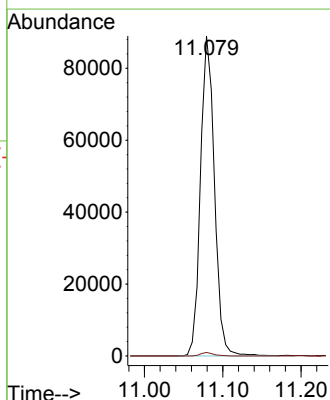
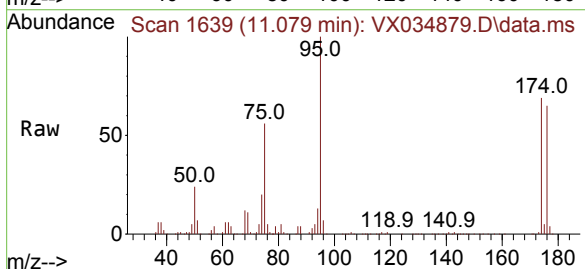
Acq: 31 Mar 2023 15:35

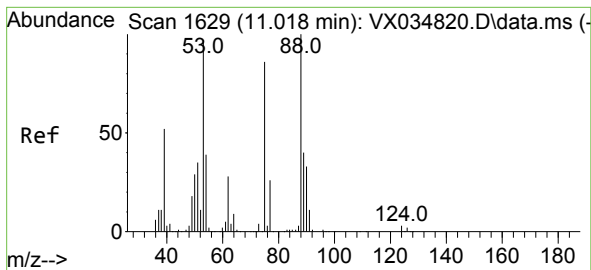
Tgt Ion: 75 Resp: 110354

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.243 ug/l
 RT: 11.079 min Scan# 110354
 Delta R.T. 0.061 min
 Lab File: VX034879.D
 Acq: 31 Mar 2023 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Tgt Ion: 75 Resp: 110354
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

