

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034877.D
 Acq On : 31 Mar 2023 14:49
 Operator : JC/MD
 Sample : 02048-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Apr 03 01:18:44 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)

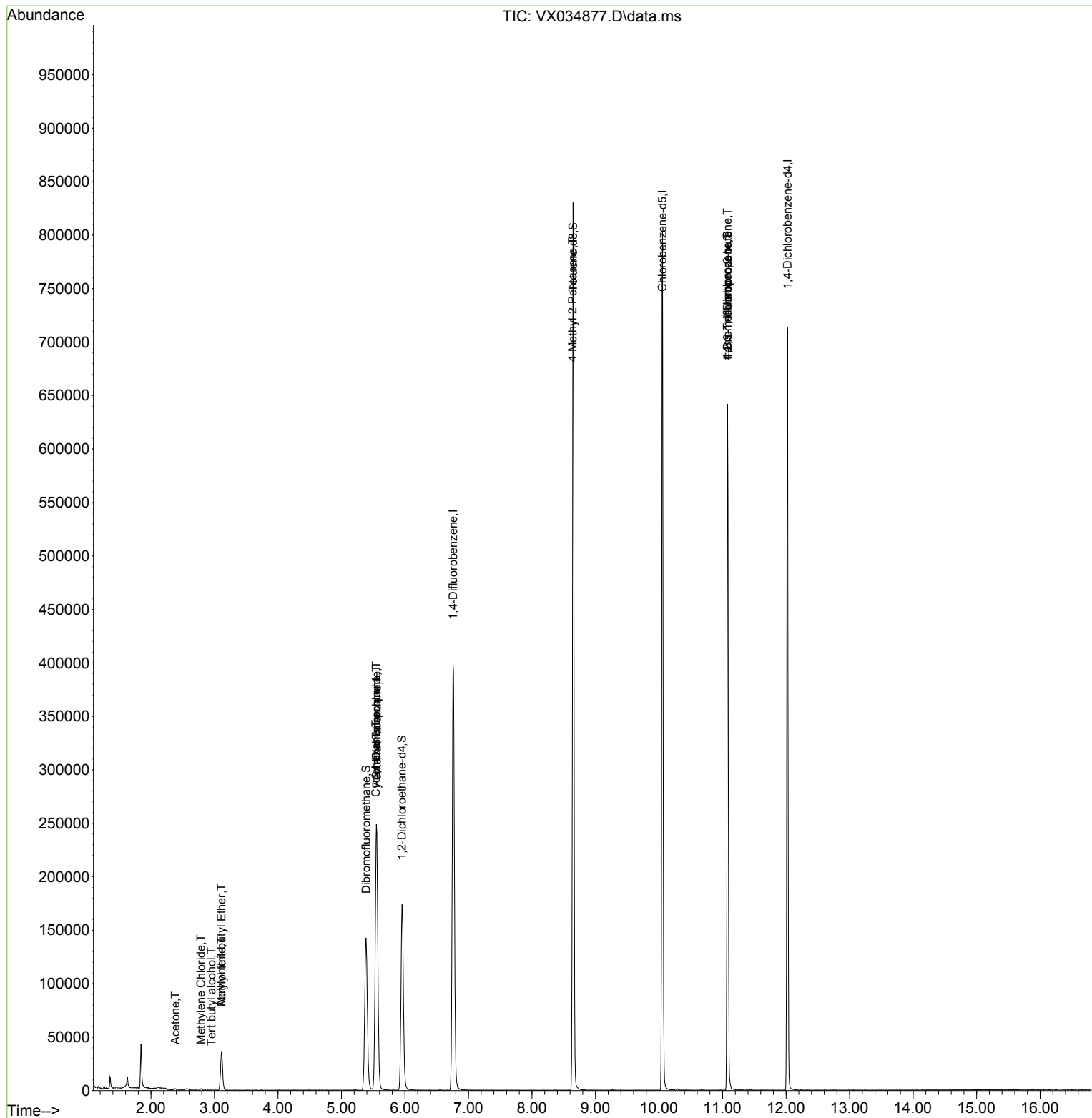
Internal Standards						
1) Pentafluorobenzene	5.556	168	225975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	397217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166180	48.085	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.180%
35) Dibromofluoromethane	5.385	113	122661	46.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	8.647	98	473811	48.860	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.720%
62) 4-Bromofluorobenzene	11.079	95	169933	45.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	155	0.256	ug/l #	73
15) Acrylonitrile	3.111	53	401	0.294	ug/l #	1
16) Acetone	2.386	43	1262	0.899	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	38233	4.451	ug/l	100
20) Methylene Chloride	2.788	84	640	0.231	ug/l #	73
31) Cyclohexane	5.544	56	5807	1.380	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	19026	4.888	ug/l #	50
38) Carbon Tetrachloride	5.550	117	24306	6.623	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	2624	0.651	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	94585	32.873	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	94585	98.518	ug/l #	8

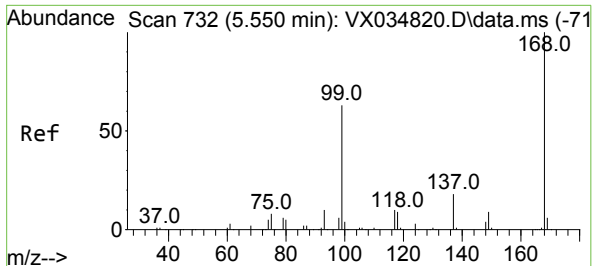
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

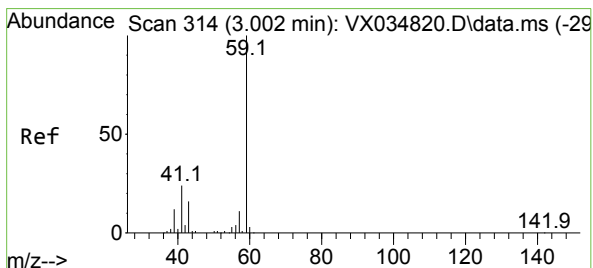
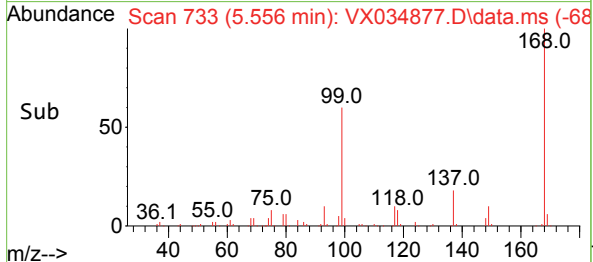
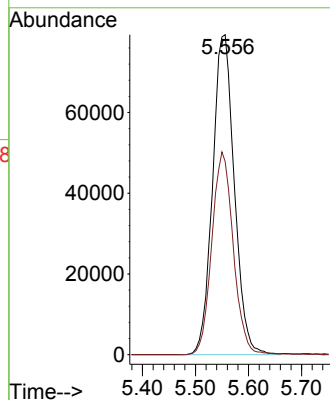
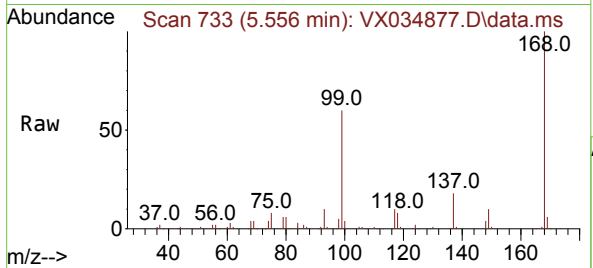




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

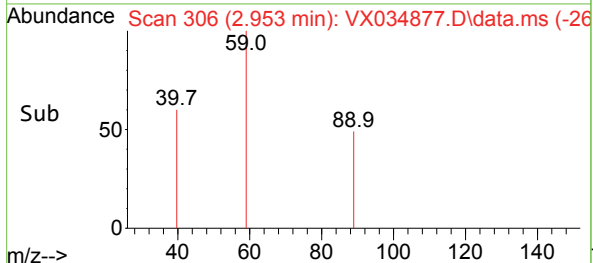
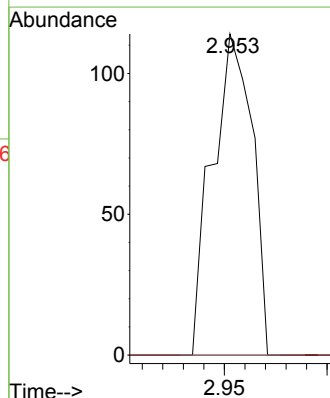
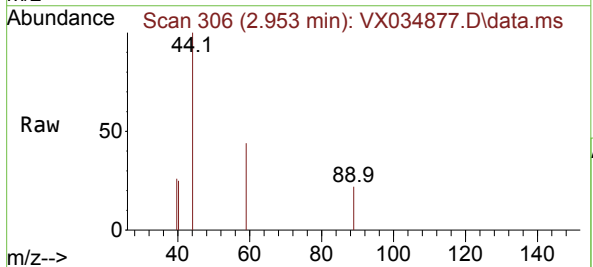
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

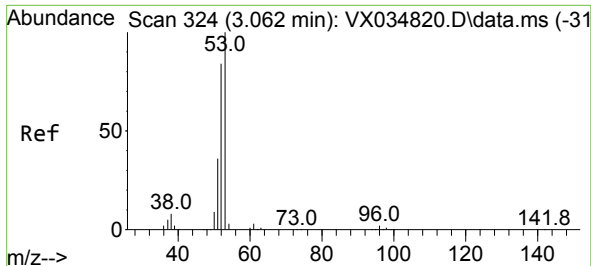
Tgt Ion:168 Resp: 225975
Ion Ratio Lower Upper
168 100
99 60.3 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.256 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.049 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#15

Acrylonitrile

Concen: 0.294 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX034877.D

Acq: 31 Mar 2023 14:49

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

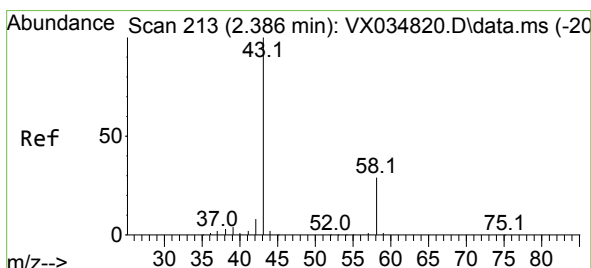
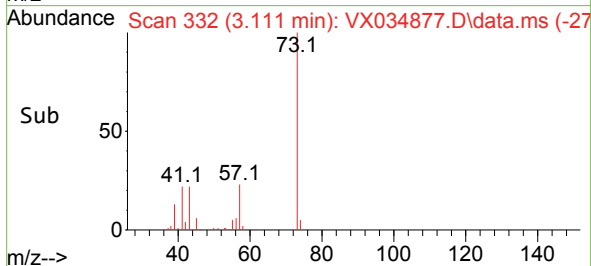
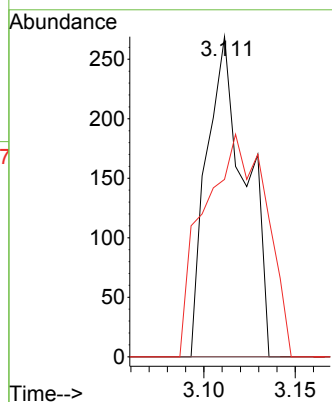
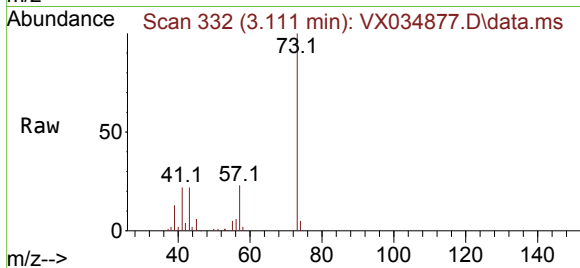
Tgt Ion: 53 Resp: 401

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.2#

51 110.2 28.3 42.5#



#16

Acetone

Concen: 0.899 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX034877.D

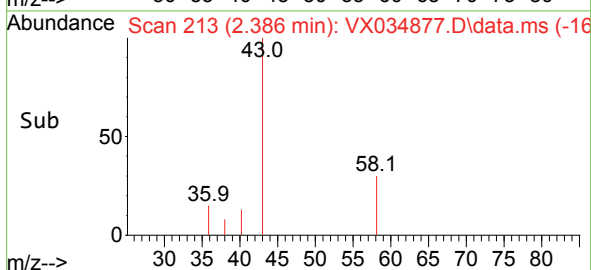
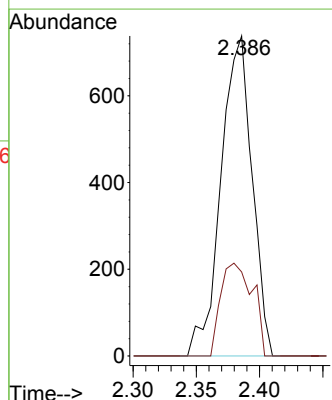
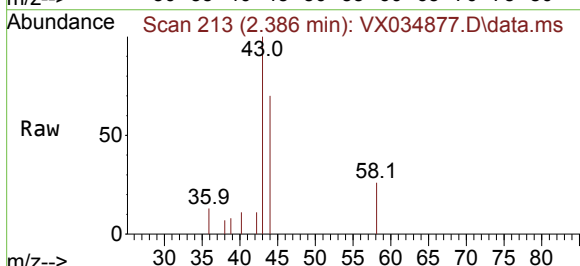
Acq: 31 Mar 2023 14:49

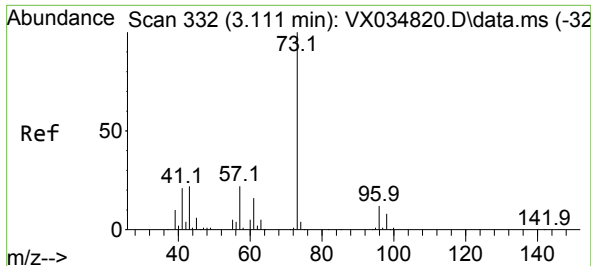
Tgt Ion: 43 Resp: 1262

Ion Ratio Lower Upper

43 100

58 26.3 24.7 37.1

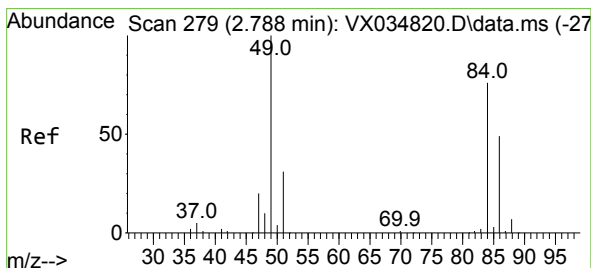
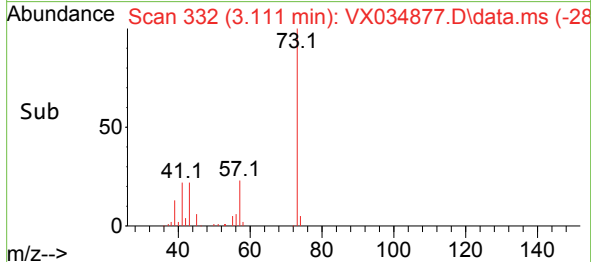
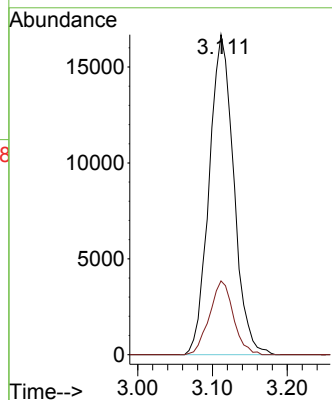
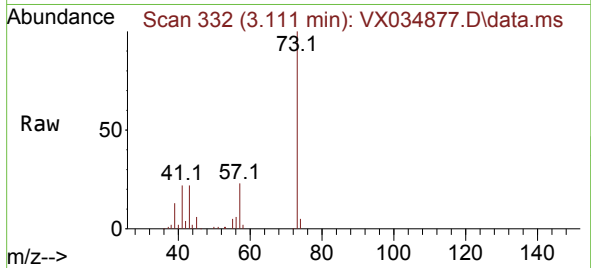




#19
Methyl tert-butyl Ether
Concen: 4.451 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

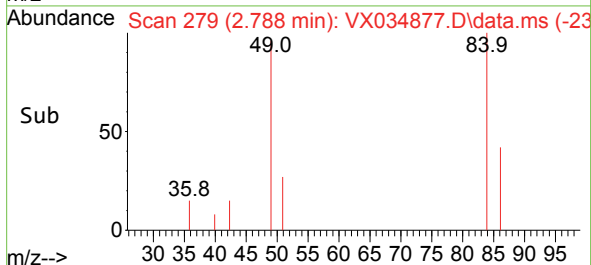
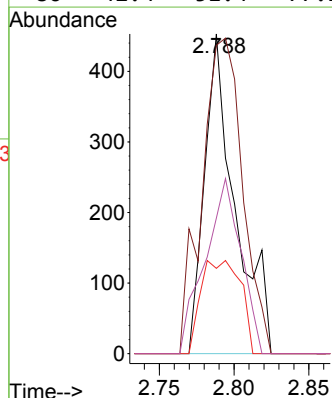
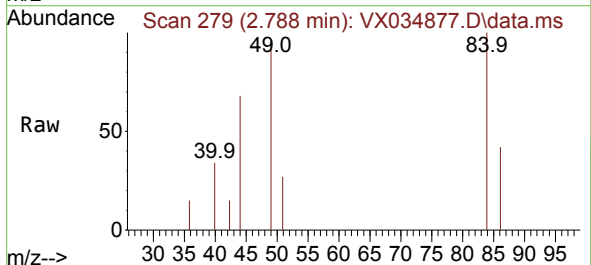
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

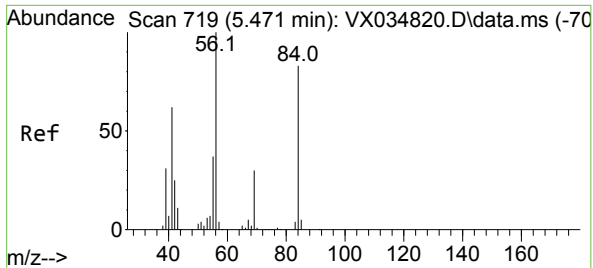
Tgt Ion: 73 Resp: 38233
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

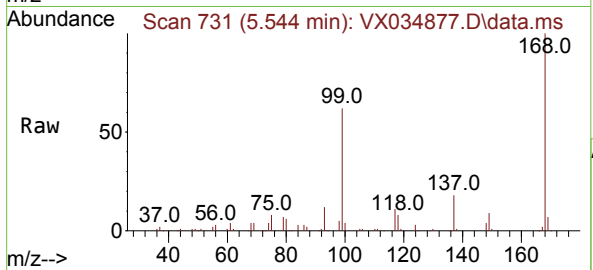
Tgt Ion: 84 Resp: 640
Ion Ratio Lower Upper
84 100
49 96.5 103.8 155.8#
51 26.7 31.8 47.8#
86 42.4 51.4 77.2#



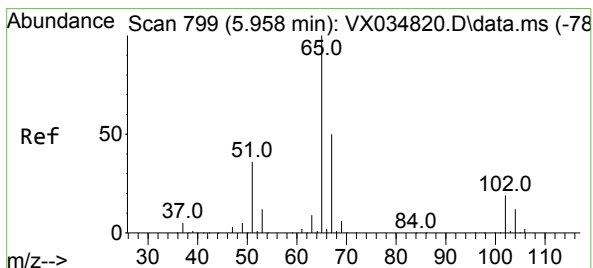
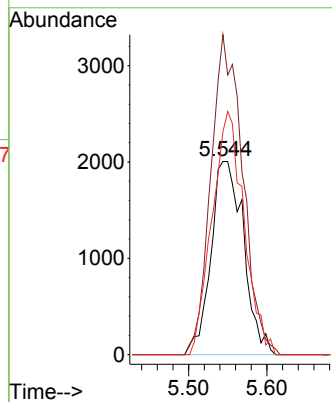
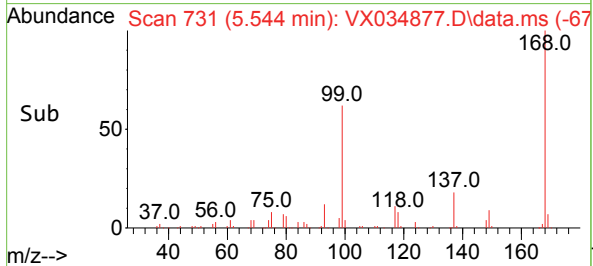


#31
Cyclohexane
Concen: 1.380 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

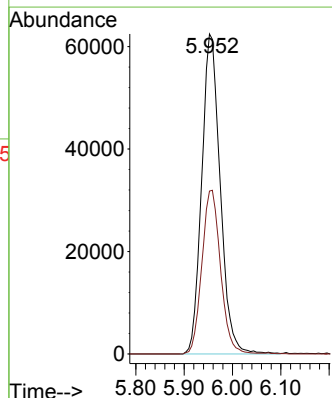
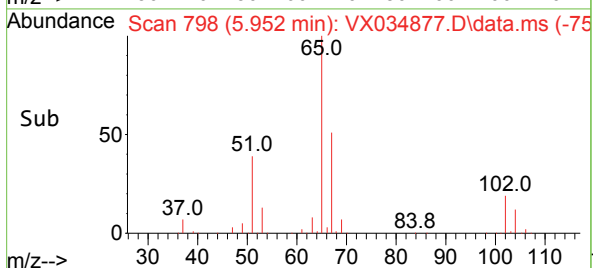
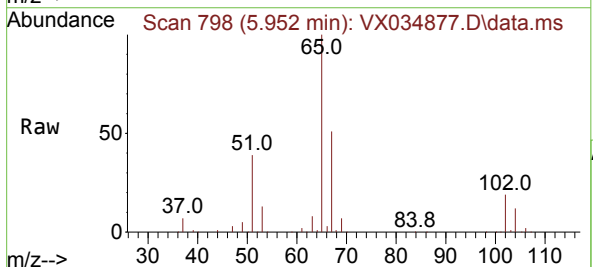


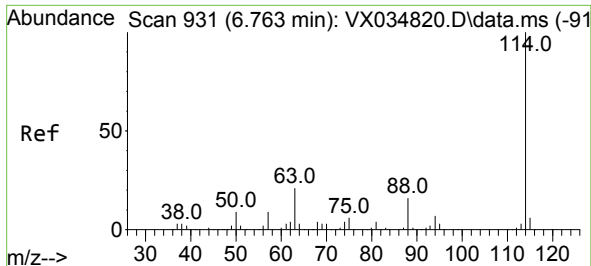
Tgt Ion: 56 Resp: 5807
Ion Ratio Lower Upper
56 100
69 165.5 23.7 35.5#
84 115.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.085 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

Tgt Ion: 65 Resp: 166180
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX034877.D

Acq: 31 Mar 2023 14:49

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

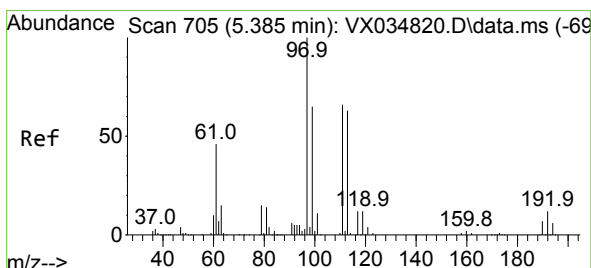
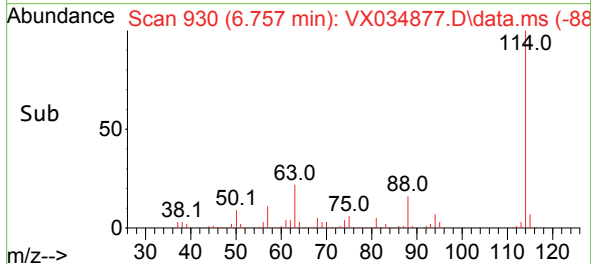
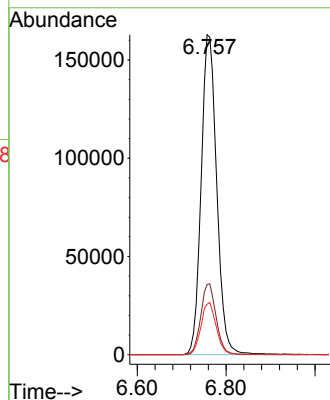
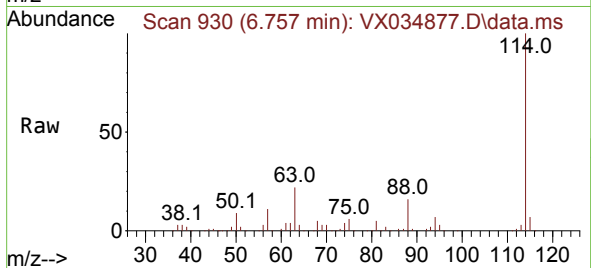
Tgt Ion:114 Resp: 397217

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.688 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034877.D

Acq: 31 Mar 2023 14:49

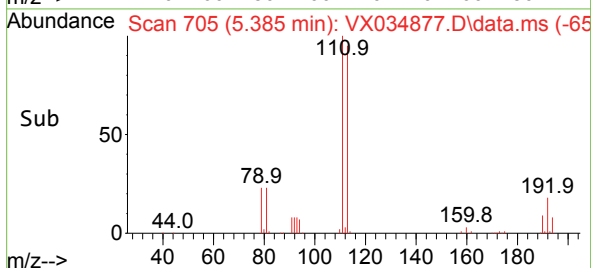
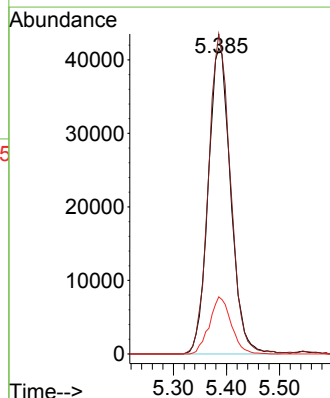
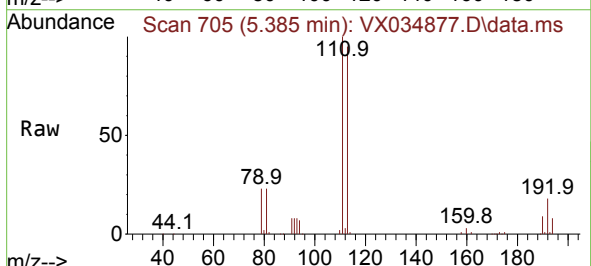
Tgt Ion:113 Resp: 122661

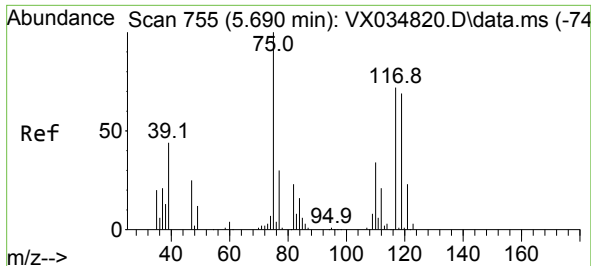
Ion Ratio Lower Upper

113 100

111 102.6 83.7 125.5

192 18.0 15.4 23.2

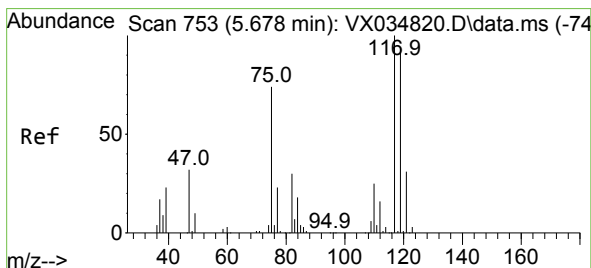
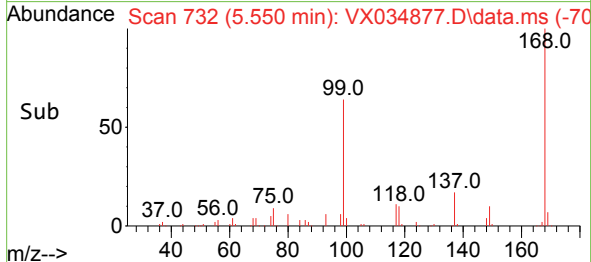
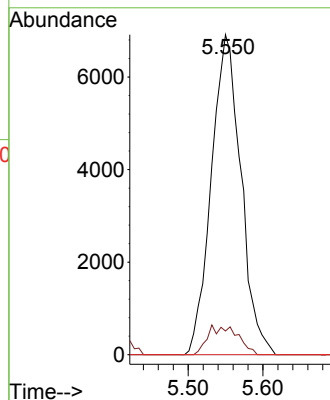
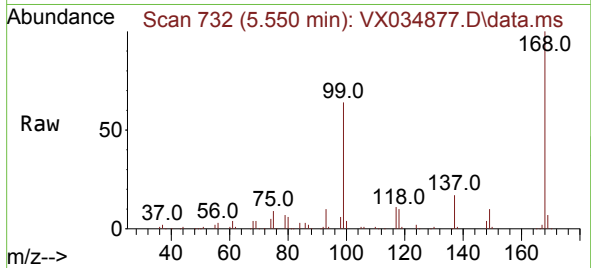




#36
1,1-Dichloropropene
Concen: 4.888 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

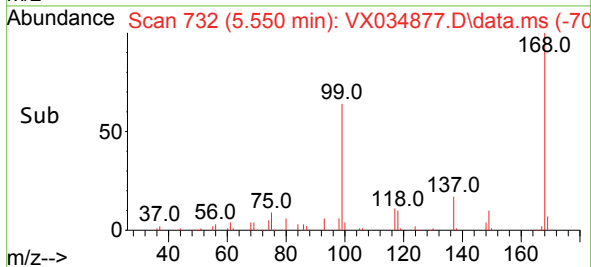
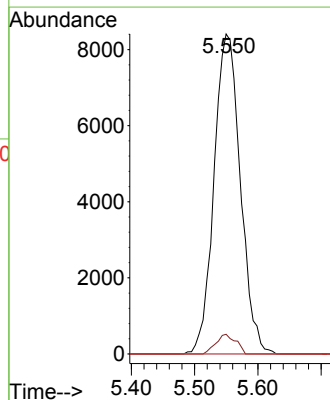
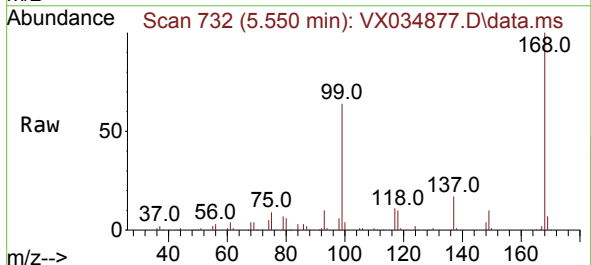
Instrument :
MSVOA_X
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MW-1R

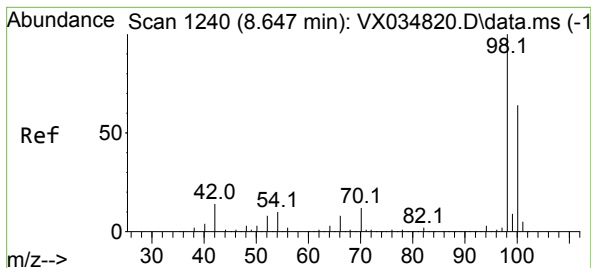
Tgt Ion: 75 Resp: 19026
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.623 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

Tgt Ion: 117 Resp: 24306
Ion Ratio Lower Upper
117 100
119 6.1 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 48.860 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034877.D

Acq: 31 Mar 2023 14:49

Instrument :

MSVOA_X

ClientSampleId :

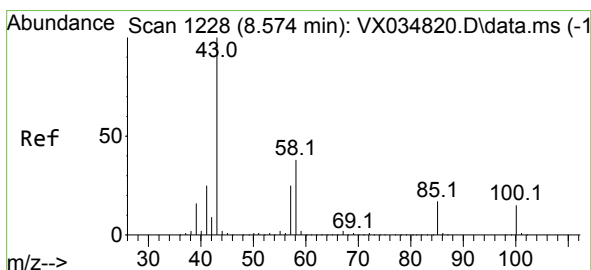
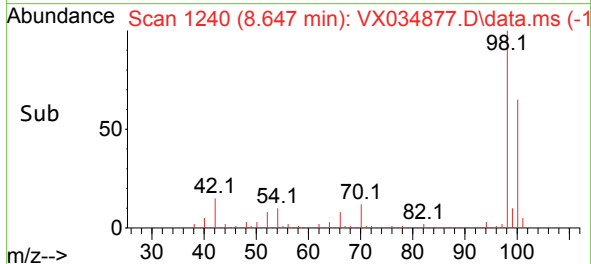
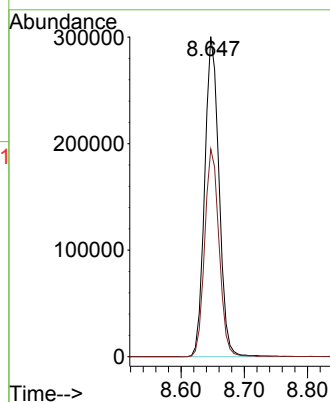
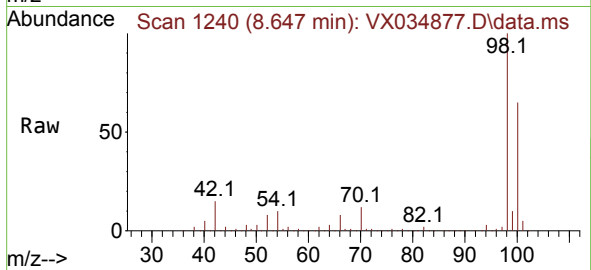
MW-1R

Tgt Ion: 98 Resp: 473811

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.651 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX034877.D

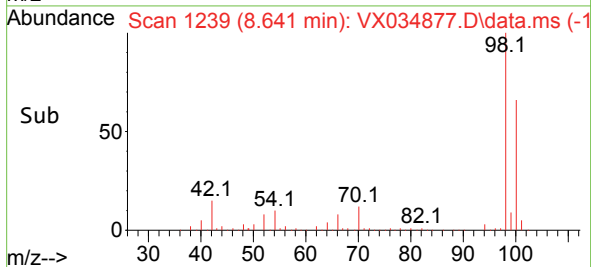
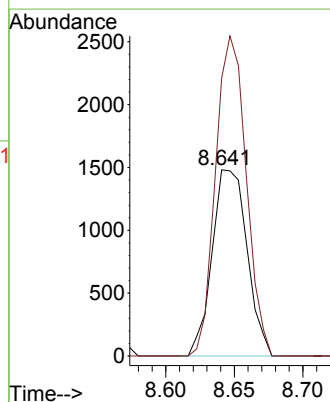
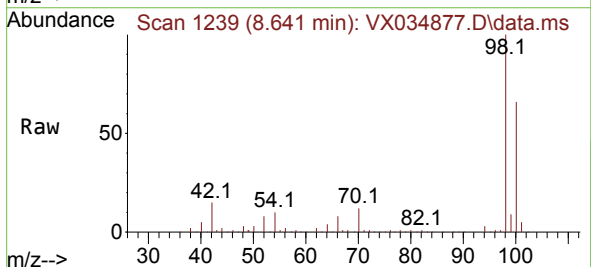
Acq: 31 Mar 2023 14:49

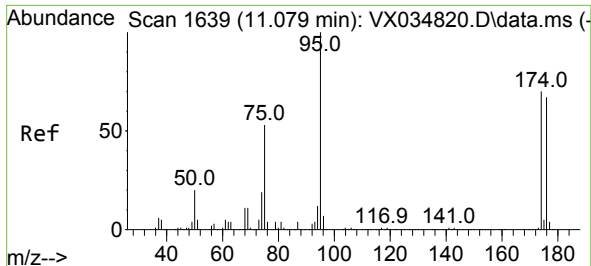
Tgt Ion: 43 Resp: 2624

Ion Ratio Lower Upper

43 100

58 151.0 30.6 46.0#

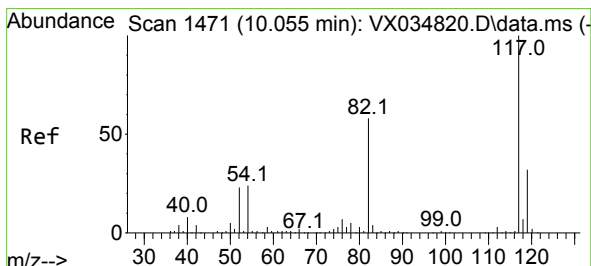
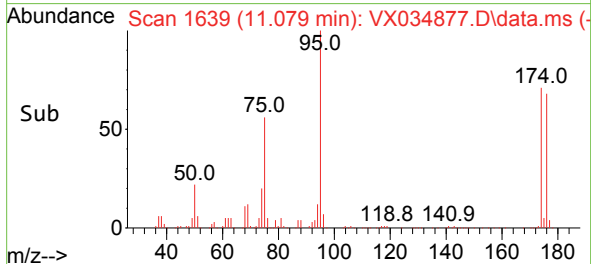
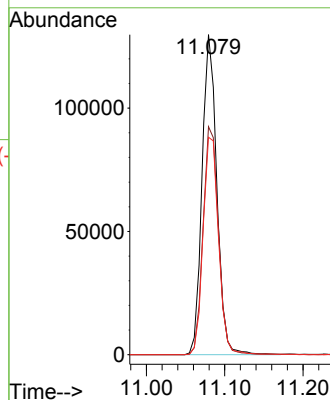
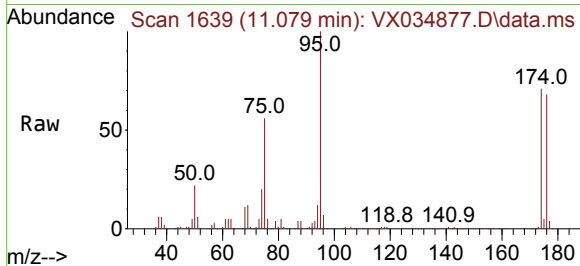




#62
4-Bromofluorobenzene
Concen: 45.283 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

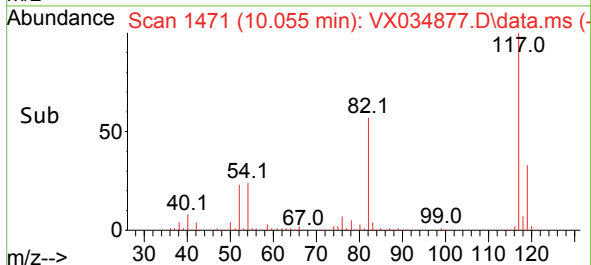
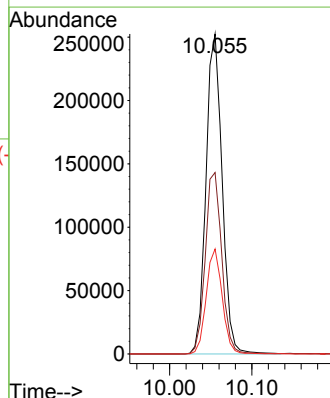
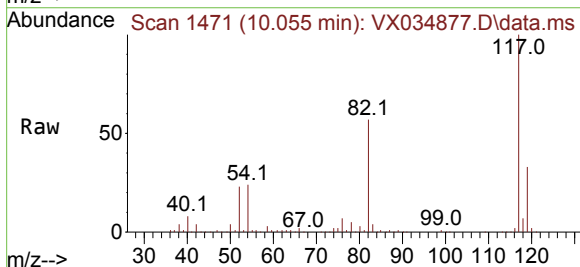
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

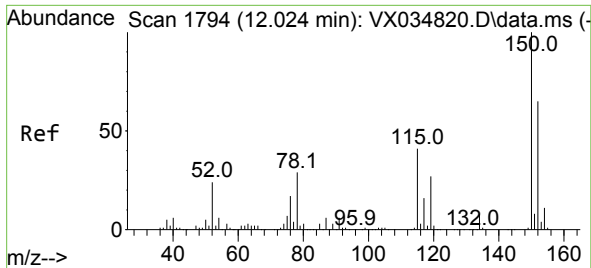
Tgt Ion: 95 Resp: 169933
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.4
176 71.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034877.D
Acq: 31 Mar 2023 14:49

Tgt Ion: 117 Resp: 344612
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 32.8 26.0 39.0

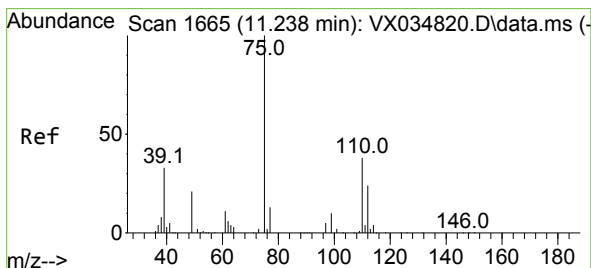
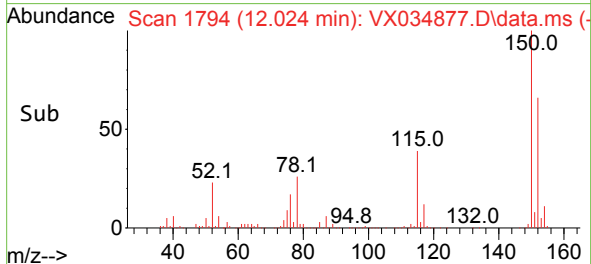
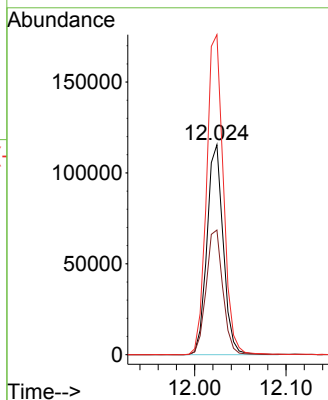
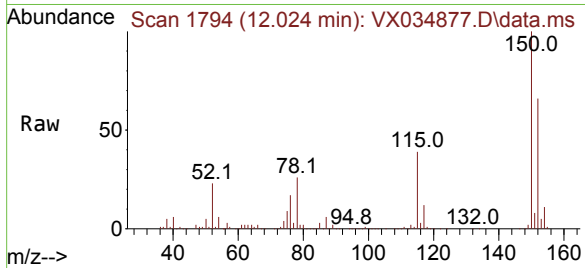




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034877.D
 Acq: 31 Mar 2023 14:49

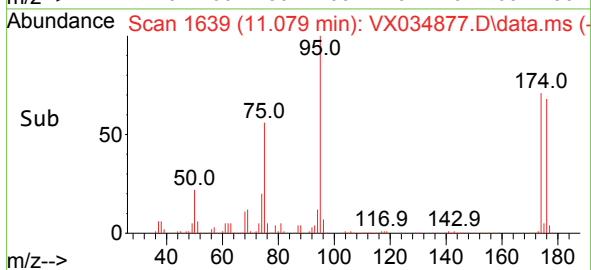
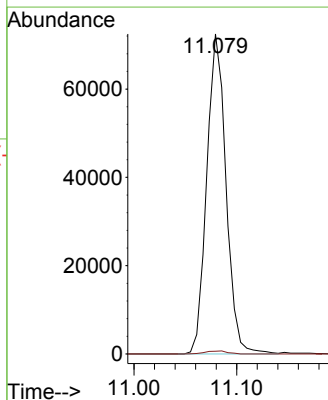
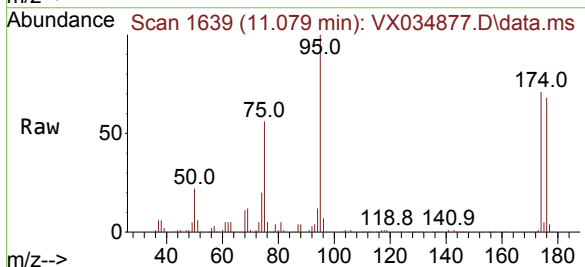
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

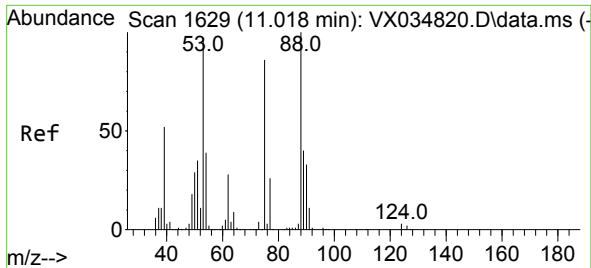
Tgt Ion:152 Resp: 142799
 Ion Ratio Lower Upper
 152 100
 115 61.1 45.0 135.0
 150 157.7 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 32.873 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034877.D
 Acq: 31 Mar 2023 14:49

Tgt Ion: 75 Resp: 94585
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.518 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034877.D
 Acq: 31 Mar 2023 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Tgt Ion: 75 Resp: 94585
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

