

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040383.D
 Acq On : 21 Feb 2024 15:51
 Operator : JC/MD
 Sample : P1520-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178S-20240215

Quant Time: Feb 22 01:10:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

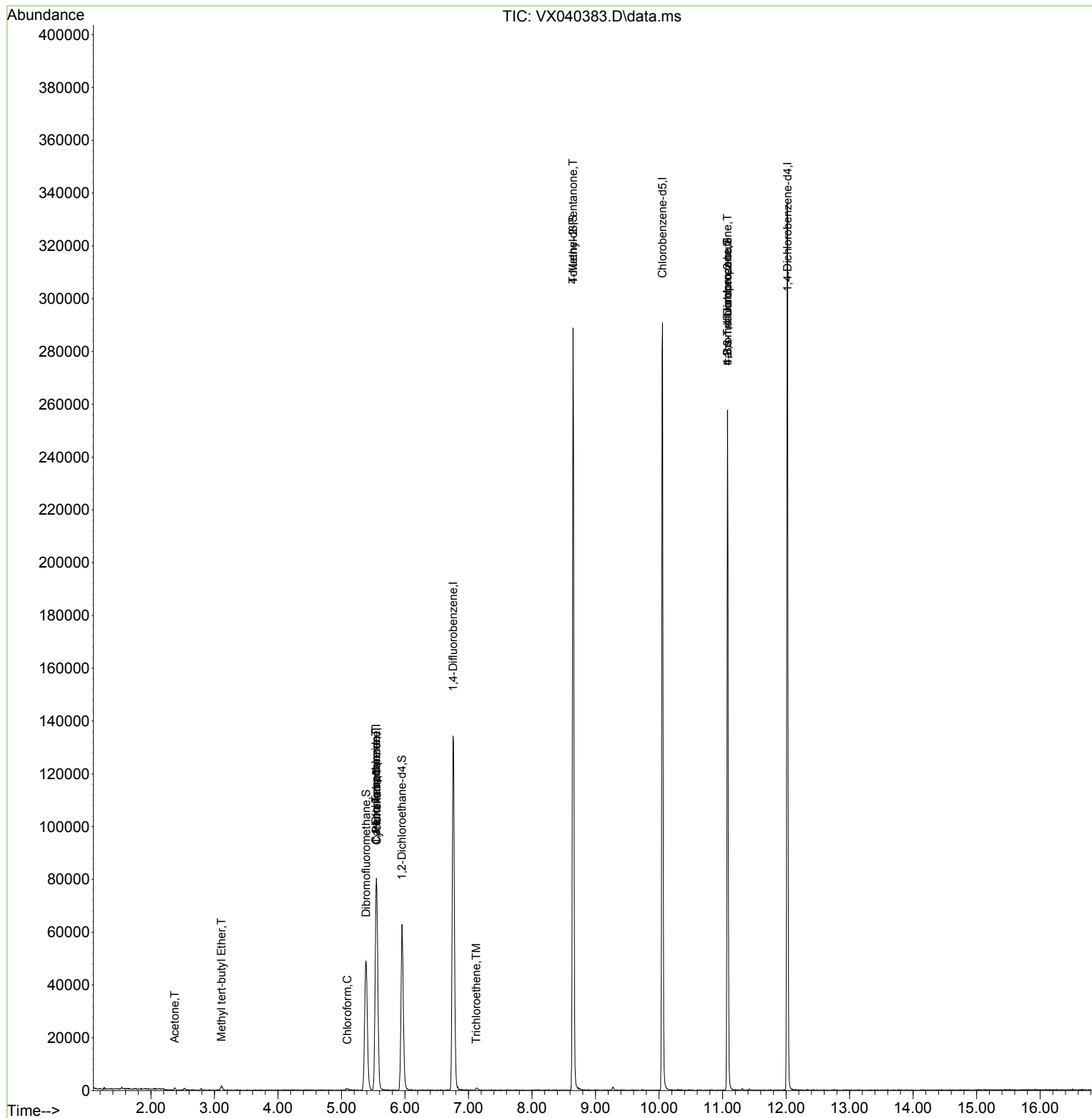
Internal Standards						
1) Pentafluorobenzene	5.550	168	72999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58935	54.267	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.540%
35) Dibromofluoromethane	5.385	113	43255	47.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	8.647	98	159451	46.569	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.140%
62) 4-Bromofluorobenzene	11.079	95	64605	46.264	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.520%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	911	2.042	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	1734	0.660	ug/l #	91
20) Methylene Chloride	2.794	84	275	Below Cal	#	91
30) Chloroform	5.093	83	632	0.383	ug/l #	83
31) Cyclohexane	5.556	56	2325	1.795	ug/l #	54
36) 1,1-Dichloropropene	5.544	75	6550	5.108	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7972	6.539	ug/l #	17
44) Trichloroethene	7.123	130	428	0.433	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	891	0.586	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36590	27.708	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	36590	75.832	ug/l #	5

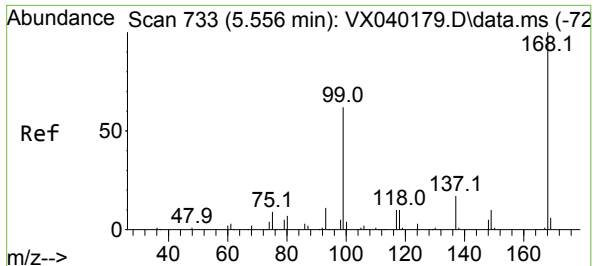
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
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MW178S-20240215

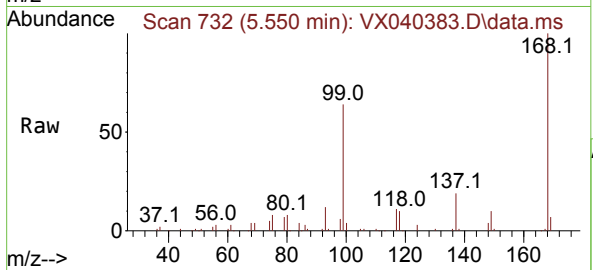
Quant Time: Feb 22 01:10:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



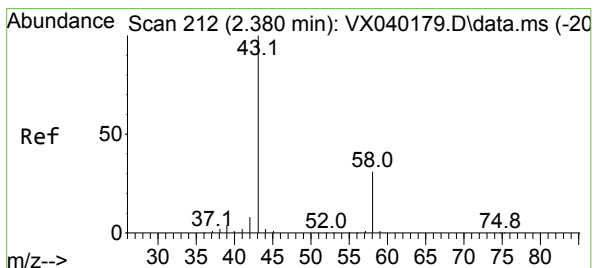
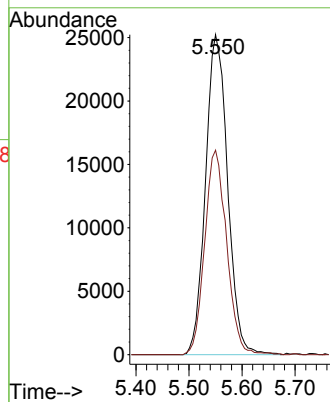
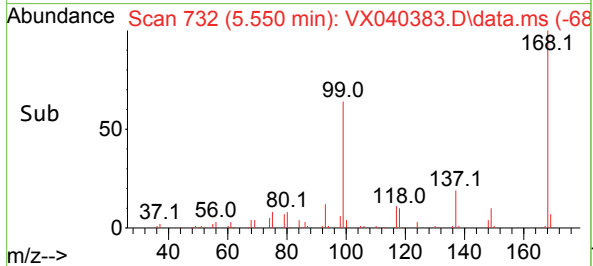


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

Instrument :
MSVOA_X
ClientSampleId :
MW178S-20240215

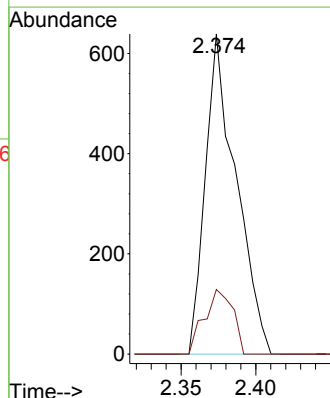
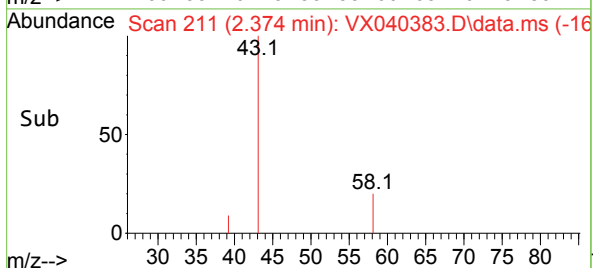
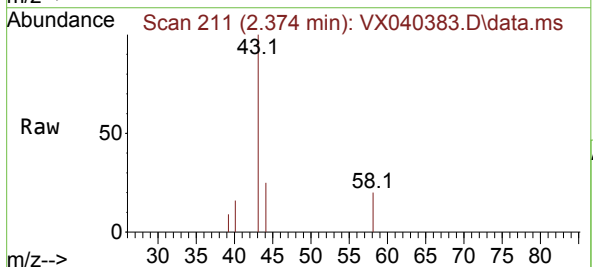


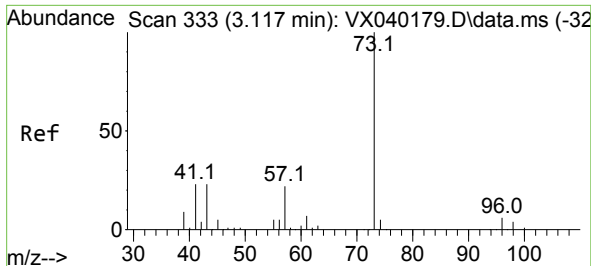
Tgt Ion:168 Resp: 72999
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#16
Acetone
Concen: 2.042 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
58 20.2 21.9 32.9#

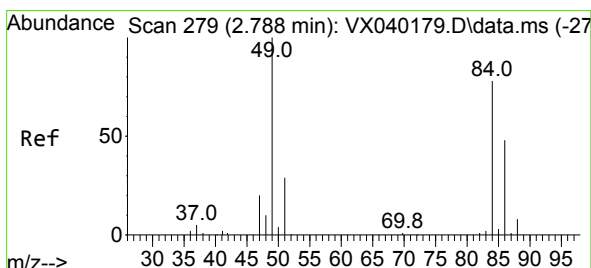
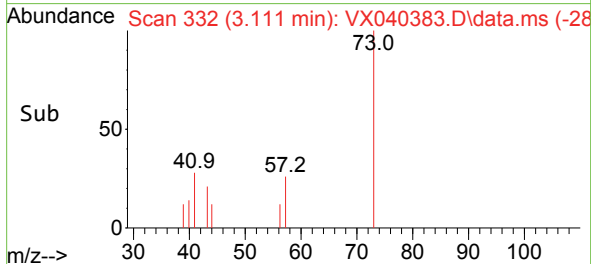
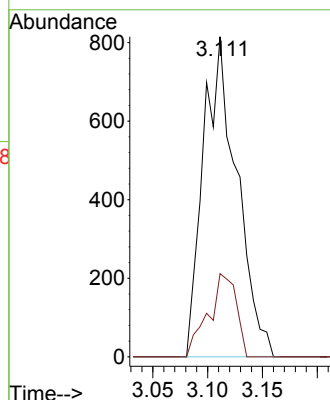
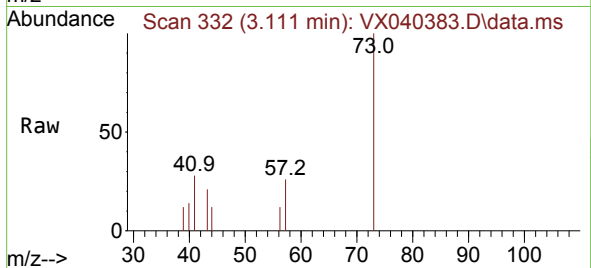




#19
Methyl tert-butyl Ether
Concen: 0.660 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

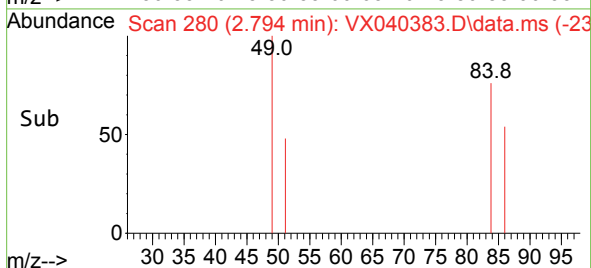
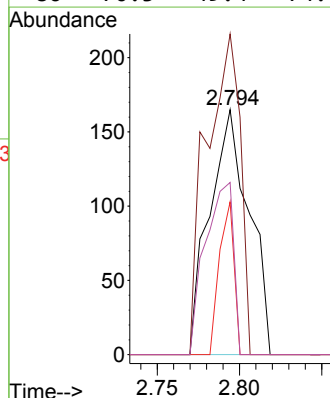
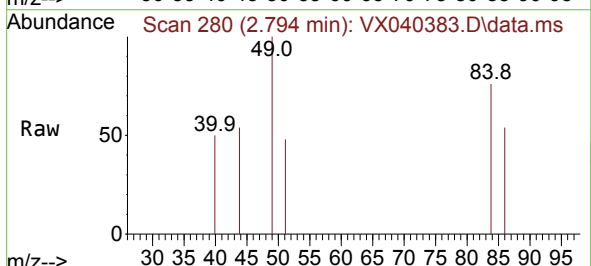
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20240215

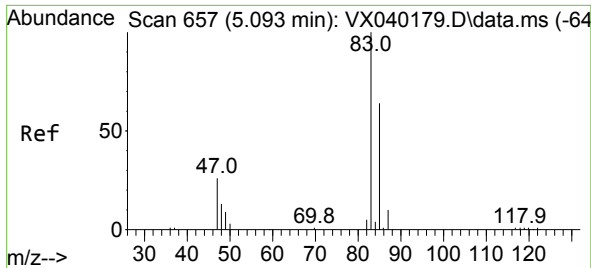
Tgt Ion: 73 Resp: 1734
Ion Ratio Lower Upper
73 100
57 26.0 17.3 25.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

Tgt Ion: 84 Resp: 275
Ion Ratio Lower Upper
84 100
49 130.9 103.6 155.4
51 62.4 33.8 50.6#
86 70.3 49.4 74.0

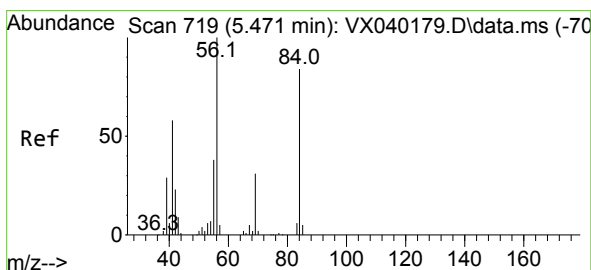
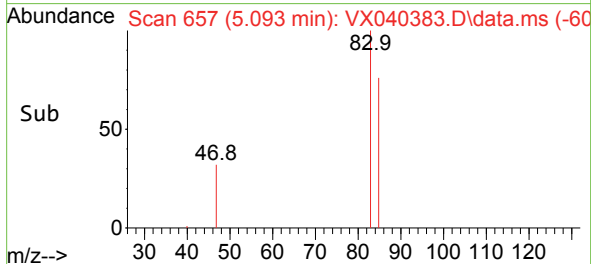
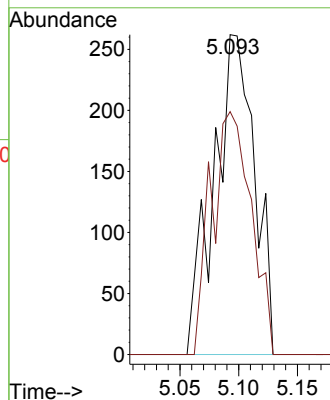
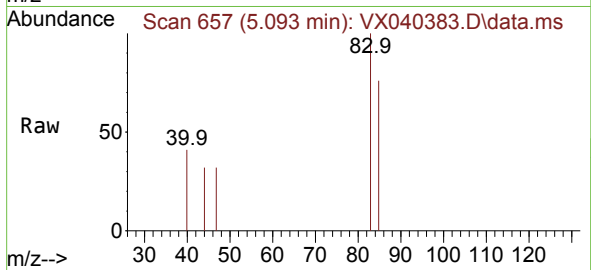




#30
Chloroform
Concen: 0.383 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

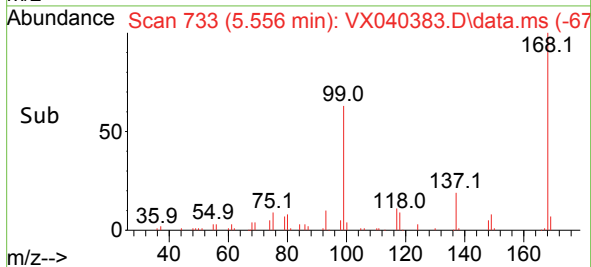
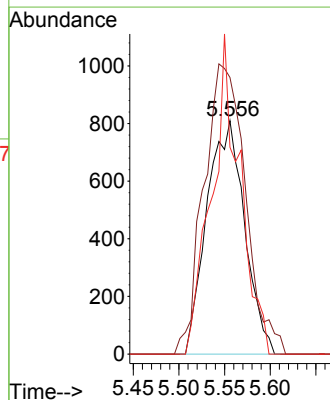
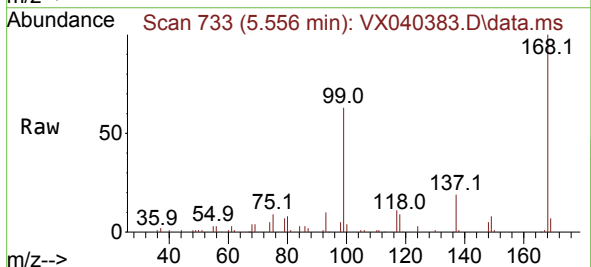
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20240215

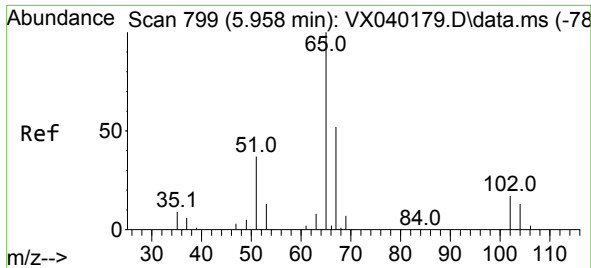
Tgt Ion: 83 Resp: 632
Ion Ratio Lower Upper
83 100
85 76.0 50.3 75.5#



#31
Cyclohexane
Concen: 1.795 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

Tgt Ion: 56 Resp: 2325
Ion Ratio Lower Upper
56 100
69 111.9 23.4 35.2#
84 88.6 65.9 98.9

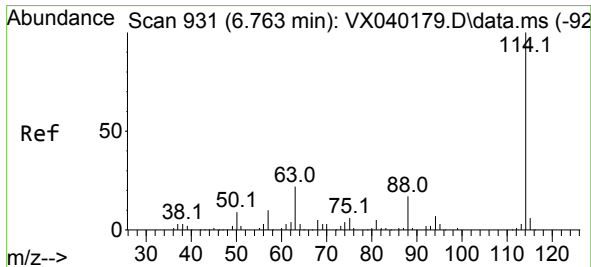
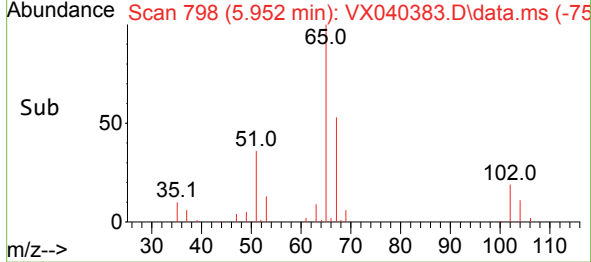
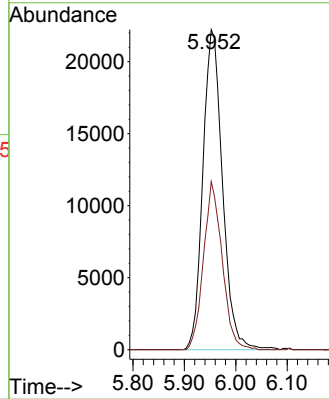
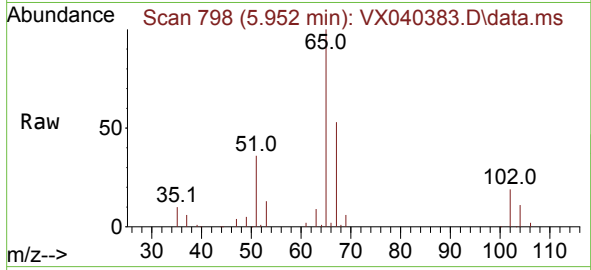




#33
1,2-Dichloroethane-d4
Concen: 54.267 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

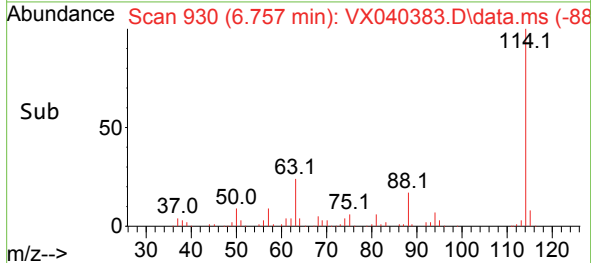
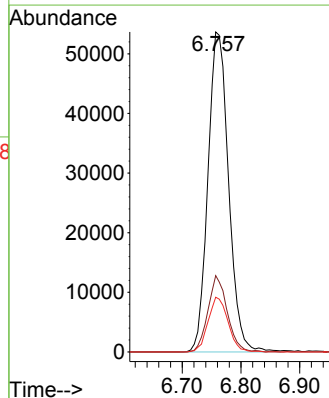
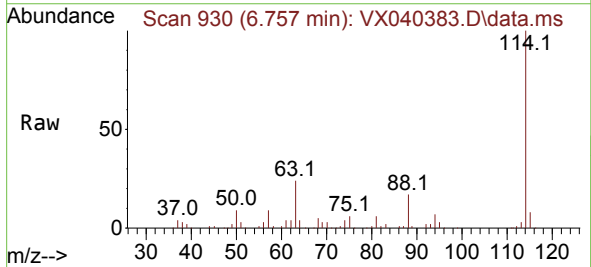
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20240215

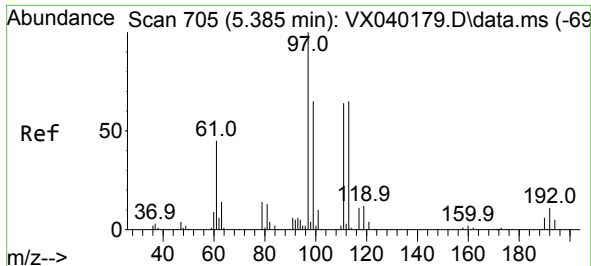
Tgt Ion: 65 Resp: 58935
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

Tgt Ion: 114 Resp: 131071
Ion Ratio Lower Upper
114 100
63 23.9 0.0 45.0
88 17.1 0.0 36.6

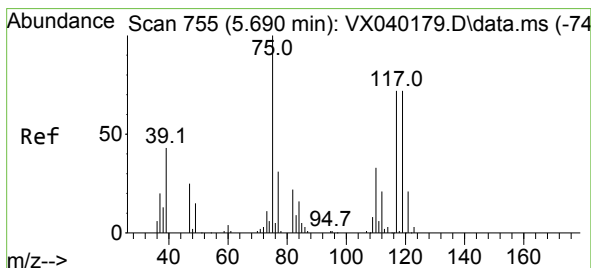
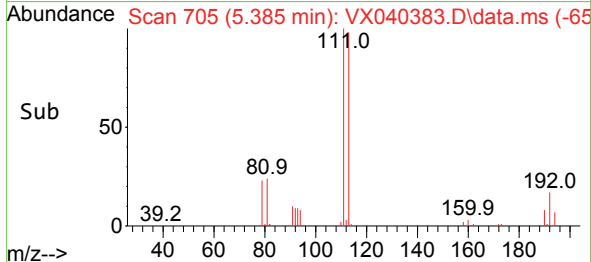
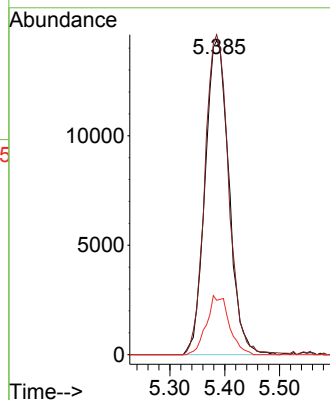
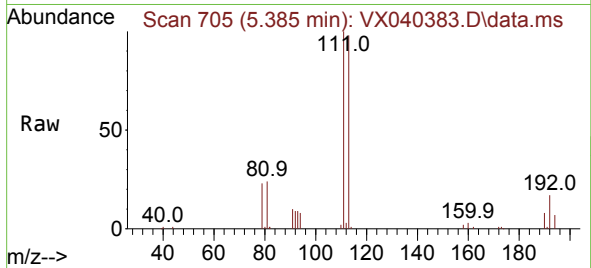




#35
Dibromofluoromethane
Concen: 47.256 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

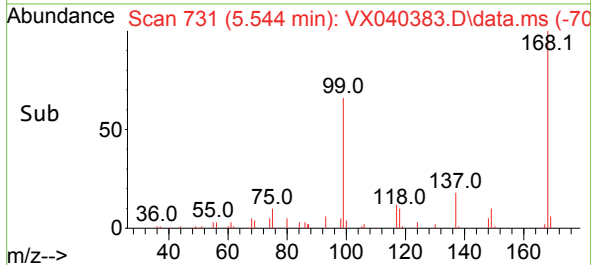
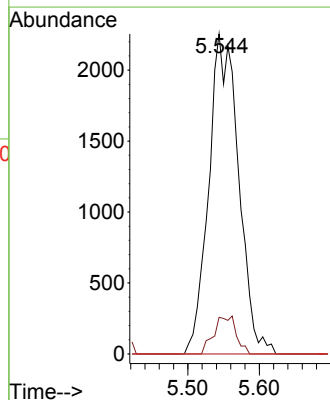
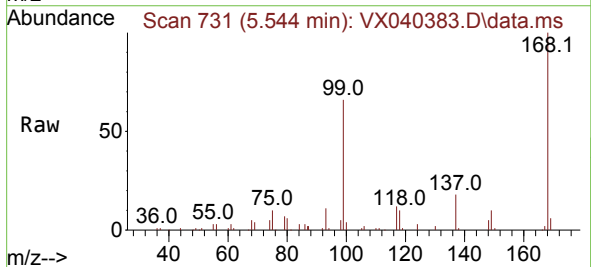
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20240215

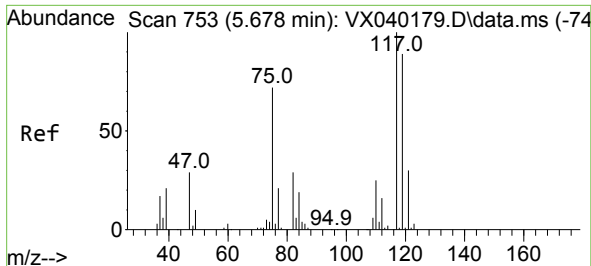
Tgt Ion:113 Resp: 43255
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 17.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.108 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

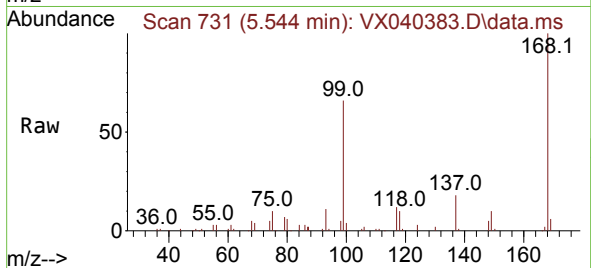
Tgt Ion: 75 Resp: 6550
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



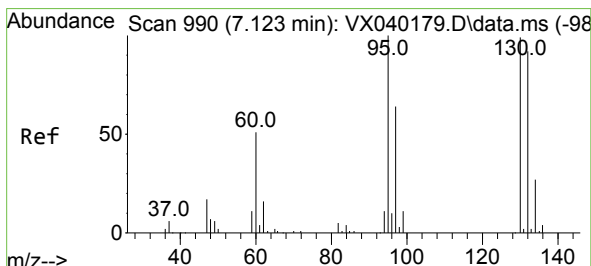
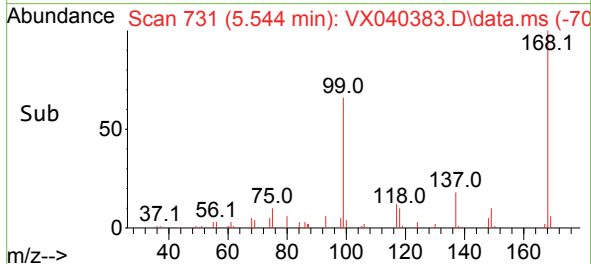
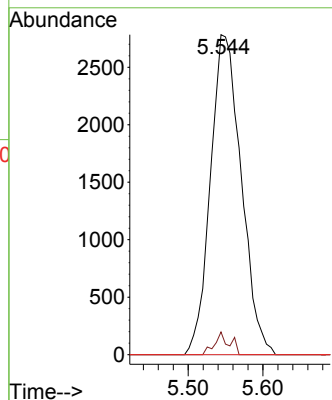


#38
Carbon Tetrachloride
Concen: 6.539 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

Instrument :
MSVOA_X
ClientSampleId :
MW178S-20240215

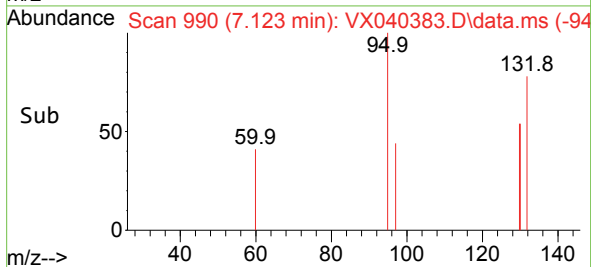
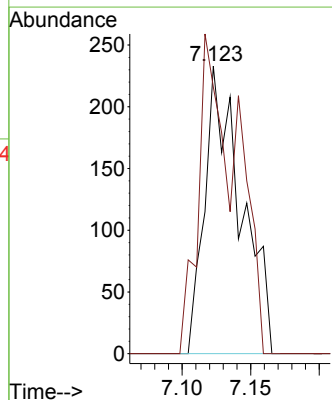
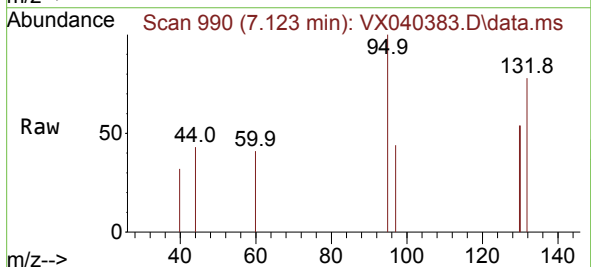


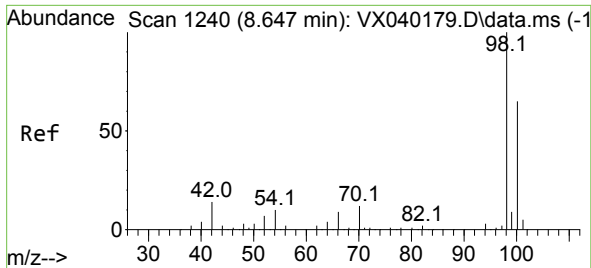
Tgt Ion:117 Resp: 7972
Ion Ratio Lower Upper
117 100
119 7.1 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.433 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

Tgt Ion:130 Resp: 428
Ion Ratio Lower Upper
130 100
95 92.7 0.0 204.4

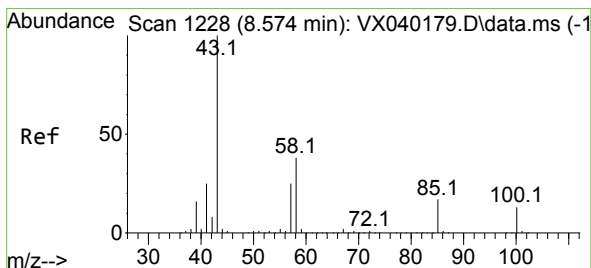
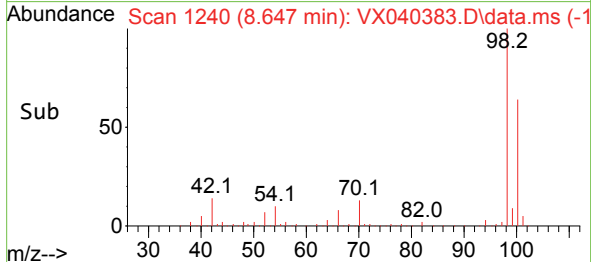
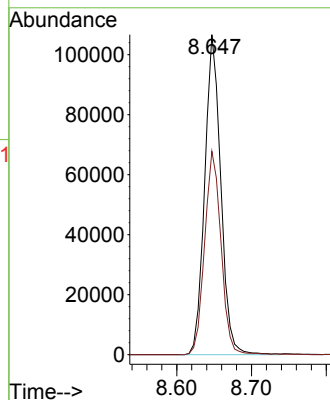
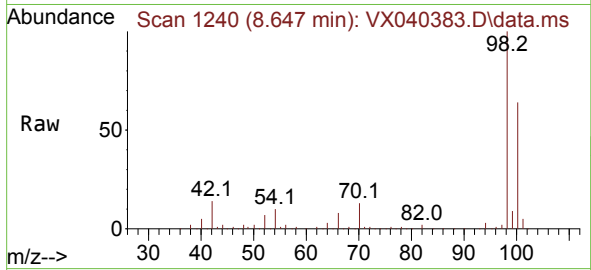




#50
Toluene-d8
Concen: 46.569 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

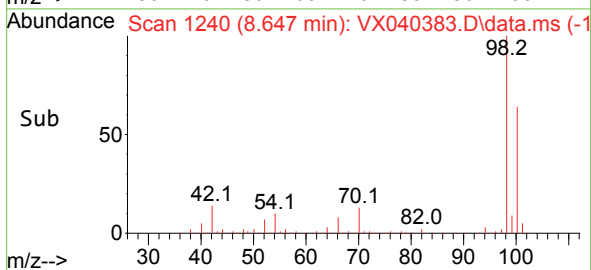
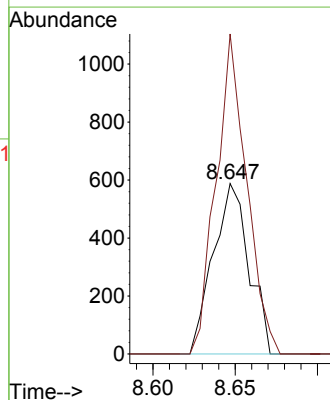
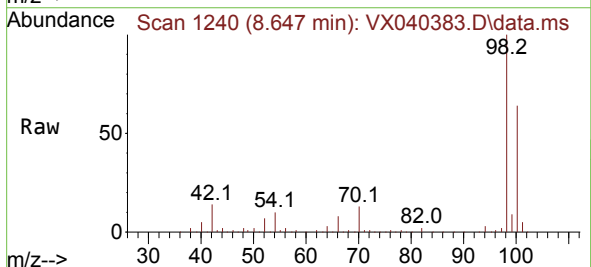
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20240215

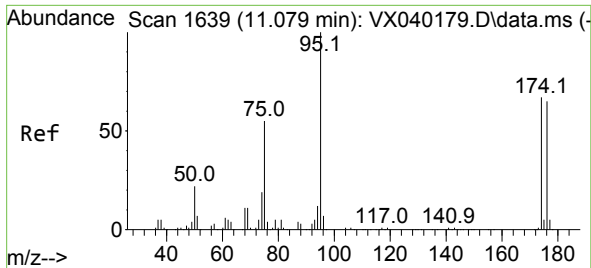
Tgt Ion: 98 Resp: 159451
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.586 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
58 160.6 30.4 45.6#

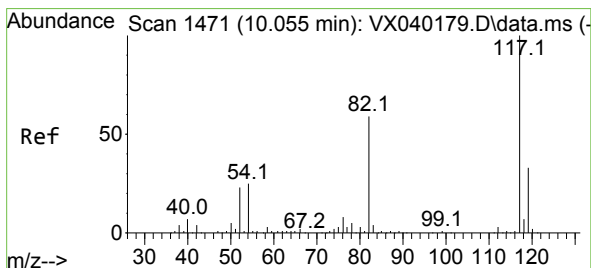
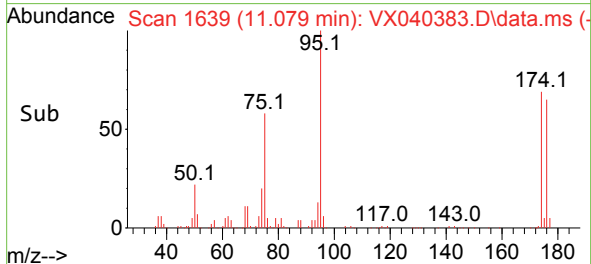
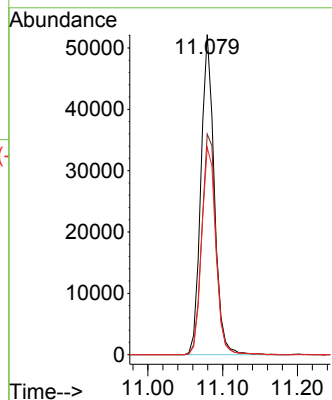
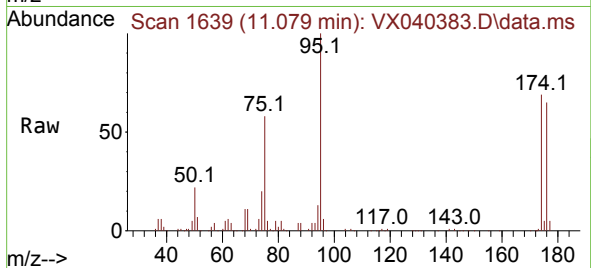




#62
4-Bromofluorobenzene
Concen: 46.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

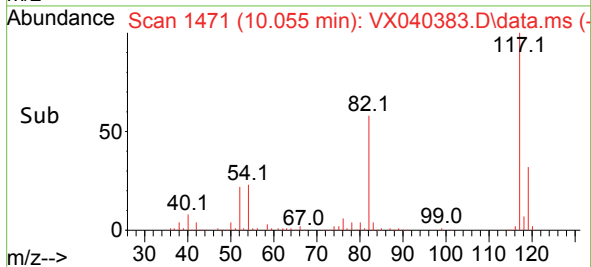
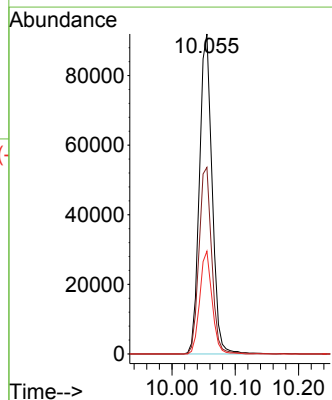
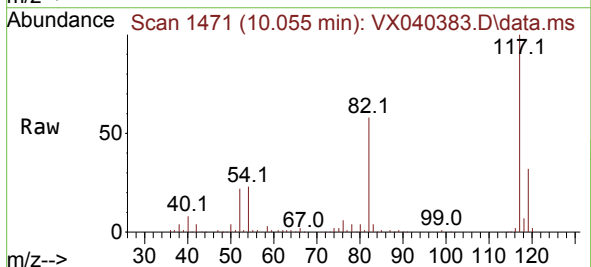
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20240215

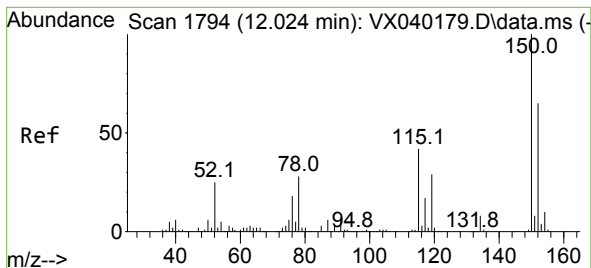
Tgt Ion: 95 Resp: 64605
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 68.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040383.D
Acq: 21 Feb 2024 15:51

Tgt Ion: 117 Resp: 128446
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040383.D

Acq: 21 Feb 2024 15:51

Instrument :

MSVOA_X

ClientSampleId :

MW178S-20240215

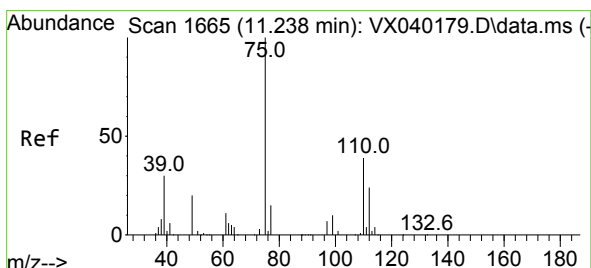
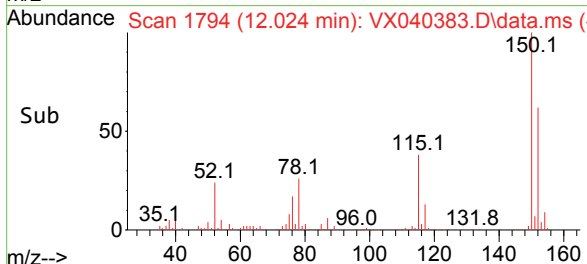
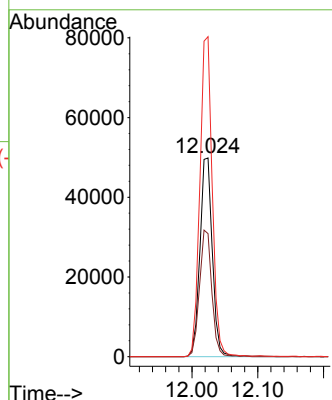
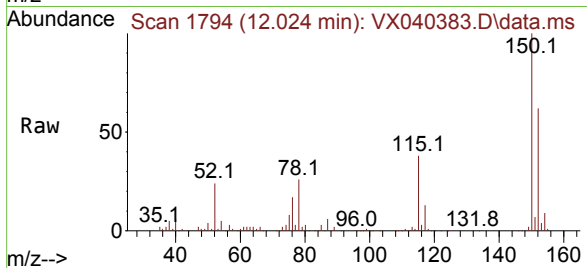
Tgt Ion:152 Resp: 65212

Ion Ratio Lower Upper

152 100

115 63.4 43.3 129.9

150 160.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.708 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040383.D

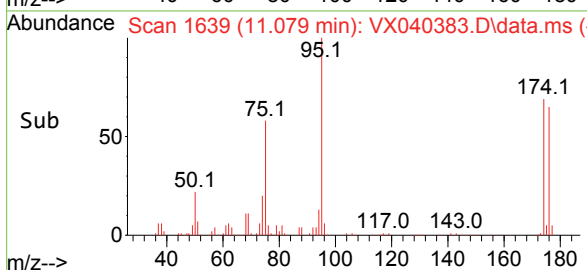
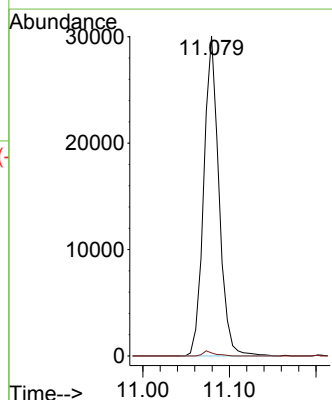
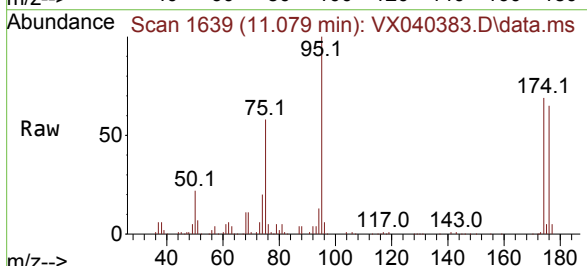
Acq: 21 Feb 2024 15:51

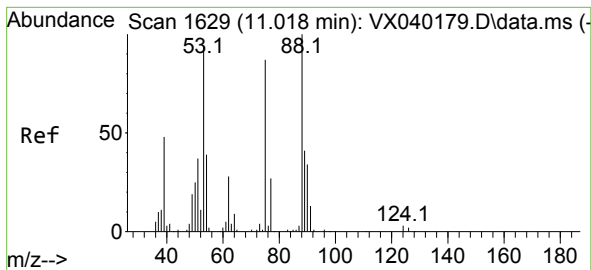
Tgt Ion: 75 Resp: 36590

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.832 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040383.D
 Acq: 21 Feb 2024 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178S-20240215

Tgt Ion: 75 Resp: 36590
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

