

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040367.D
 Acq On : 20 Feb 2024 19:13
 Operator : JC/MD
 Sample : P1520-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20240215

Quant Time: Feb 21 01:18:21 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.	QIon	Response	Conc	Units	Dev(Min)

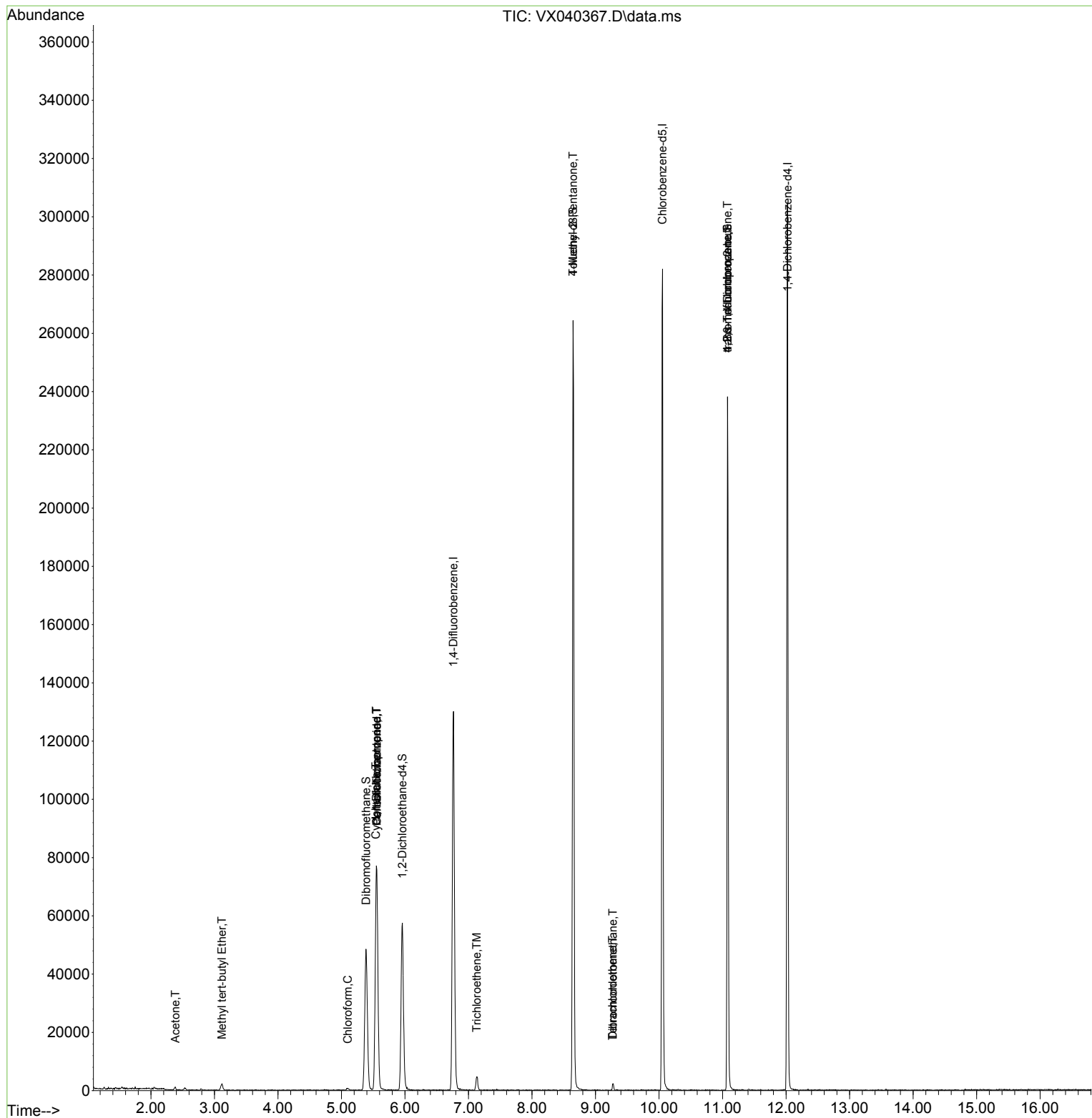
Internal Standards						
1) Pentafluorobenzene	5.556	168	70508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55642	53.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.100%	
35) Dibromofluoromethane	5.385	113	40976	46.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.580%	
50) Toluene-d8	8.647	98	154577	47.189	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.380%	
62) 4-Bromofluorobenzene	11.079	95	62140	46.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.020%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1060	2.460	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	2147	0.847	ug/l	97
20) Methylene Chloride	2.788	84	159	Below Cal	#	62
30) Chloroform	5.099	83	759	0.476	ug/l	97
31) Cyclohexane	5.544	56	1999	1.598	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	6184	5.041	ug/l #	52
38) Carbon Tetrachloride	5.556	117	7570	6.490	ug/l #	16
44) Trichloroethene	7.129	130	1752	1.852	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	875	0.601	ug/l #	1
60) Dibromochloromethane	9.275	129	415	0.425	ug/l #	11
64) Tetrachloroethene	9.268	164	507	0.592	ug/l #	58
76) 1,2,3-Trichloropropane	11.079	75	34328	27.111	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34328	74.275	ug/l #	5

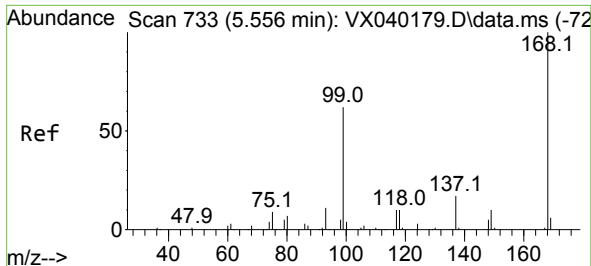
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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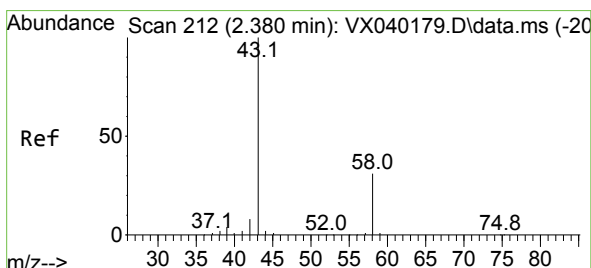
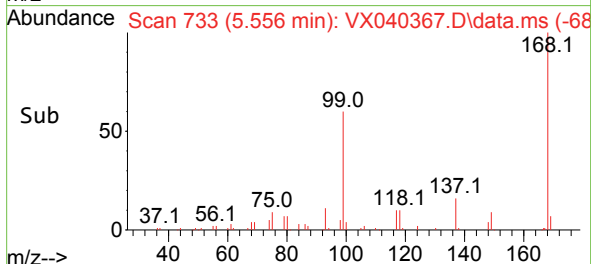
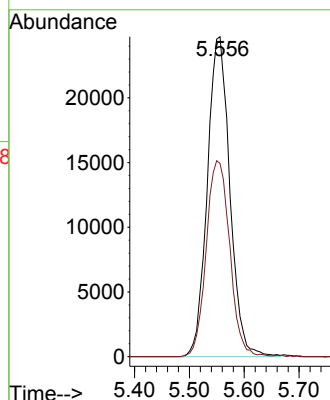
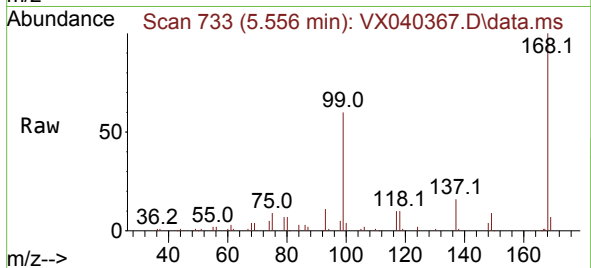




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

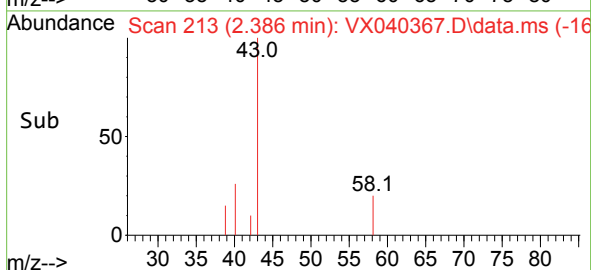
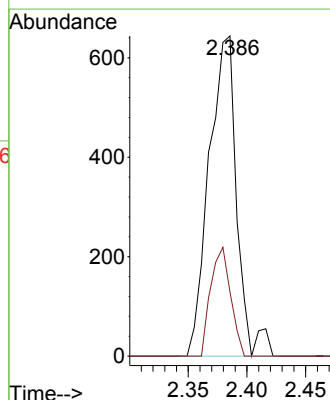
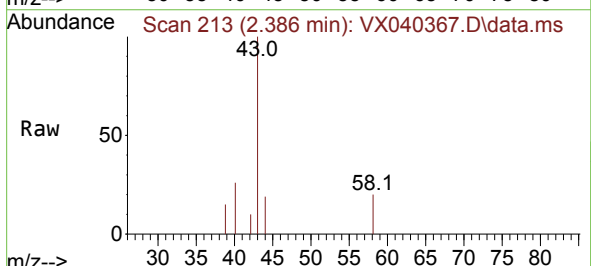
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20240215

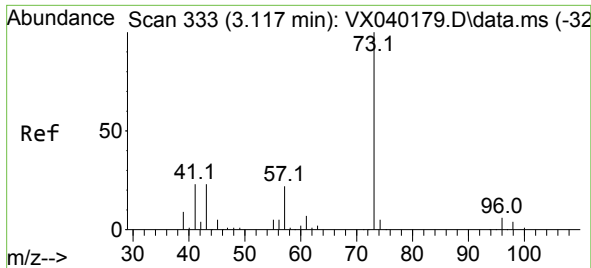
Tgt Ion:168 Resp: 70508
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#16
Acetone
Concen: 2.460 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 20.0 21.9 32.9#

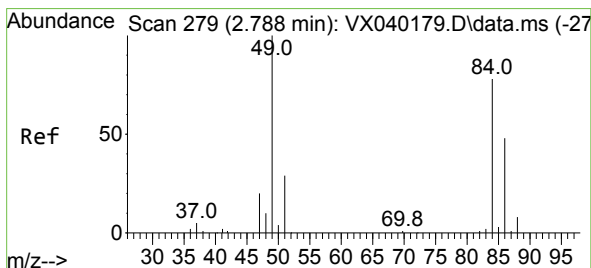
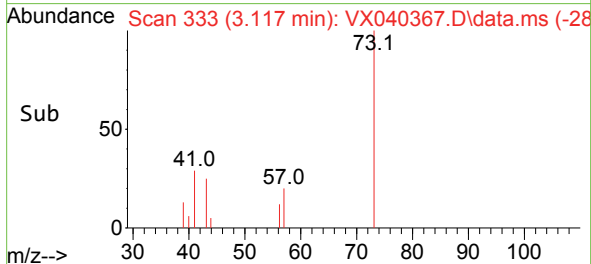
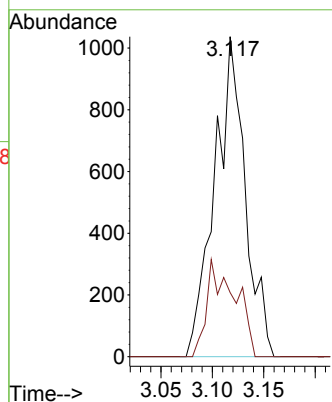
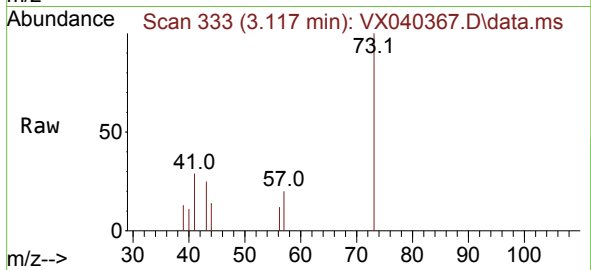




#19
Methyl tert-butyl Ether
Concen: 0.847 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

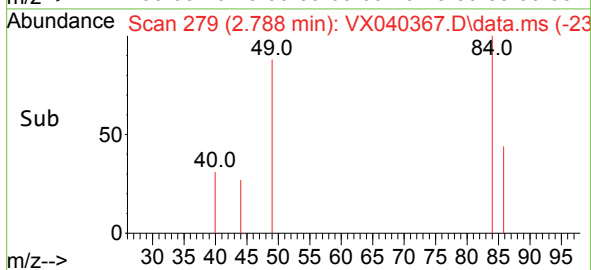
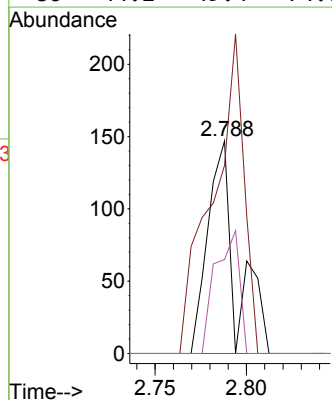
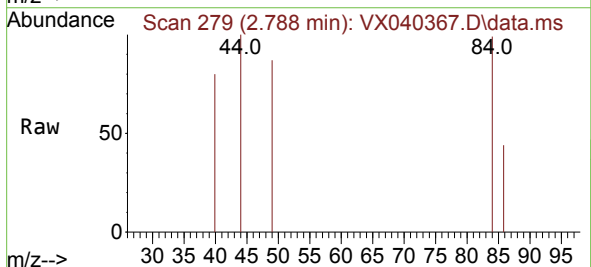
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20240215

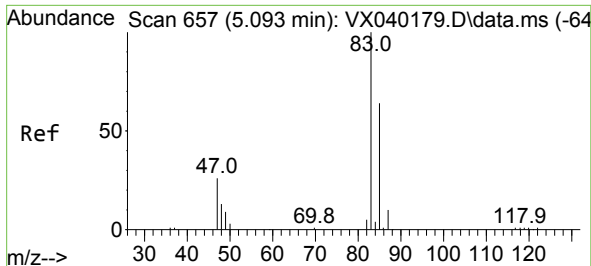
Tgt Ion: 73 Resp: 2147
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Tgt Ion: 84 Resp: 159
Ion Ratio Lower Upper
84 100
49 88.4 103.6 155.4#
51 0.0 33.8 50.6#
86 44.2 49.4 74.0#

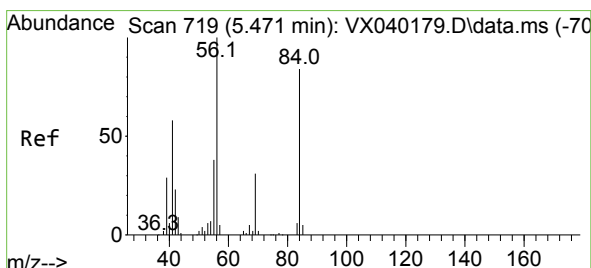
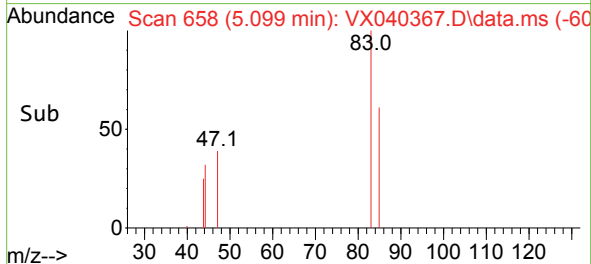
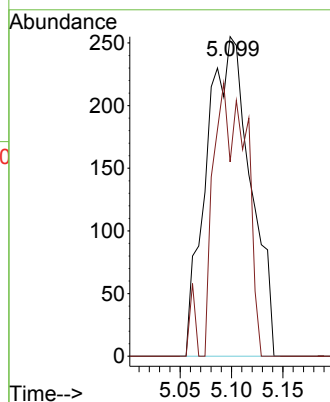
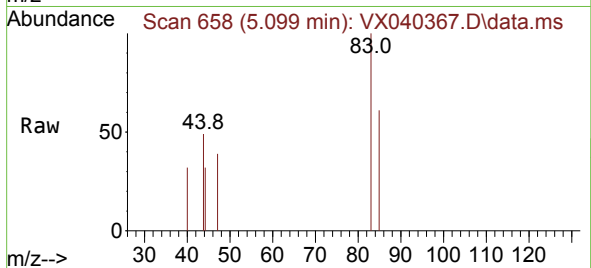




#30
Chloroform
Concen: 0.476 ug/l
RT: 5.099 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

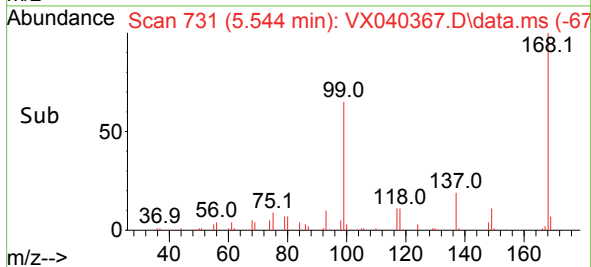
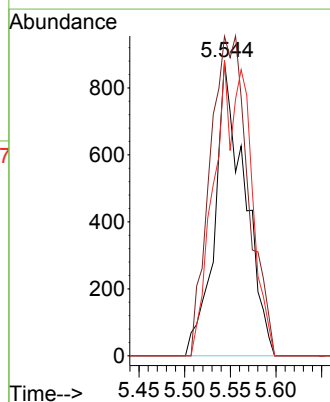
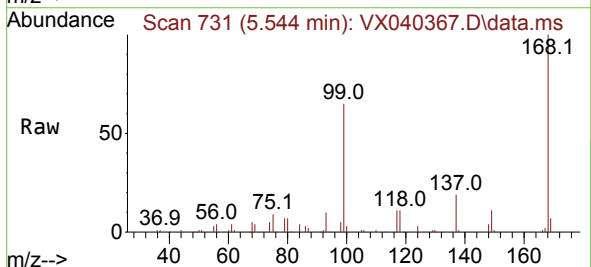
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20240215

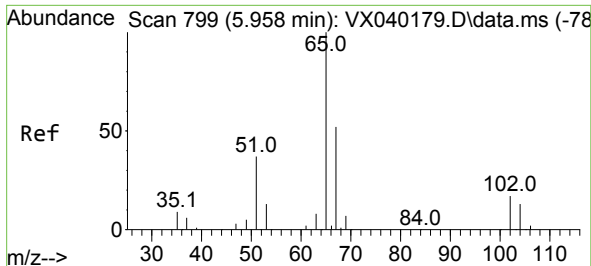
Tgt Ion: 83 Resp: 759
Ion Ratio Lower Upper
83 100
85 60.8 50.3 75.5



#31
Cyclohexane
Concen: 1.598 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Tgt Ion: 56 Resp: 1999
Ion Ratio Lower Upper
56 100
69 108.7 23.4 35.2#
84 100.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 53.045 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040367.D

Acq: 20 Feb 2024 19:13

Instrument :

MSVOA_X

ClientSampleId :

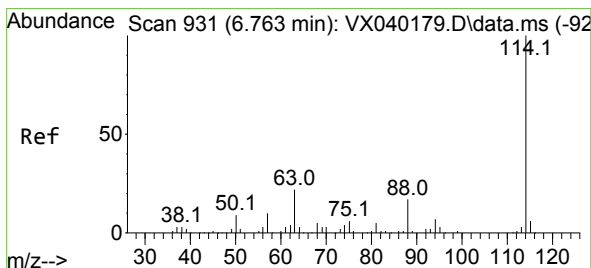
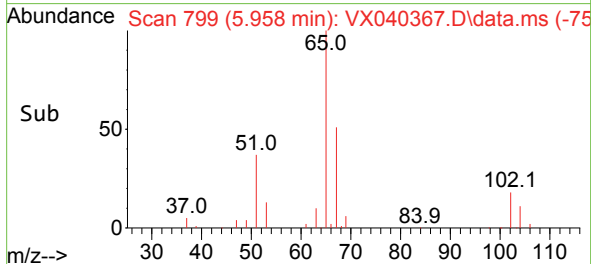
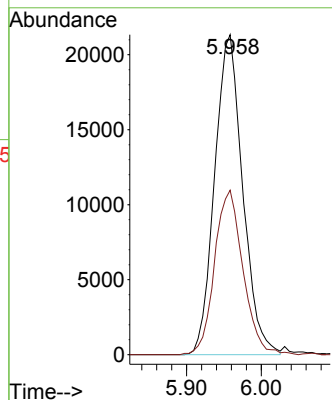
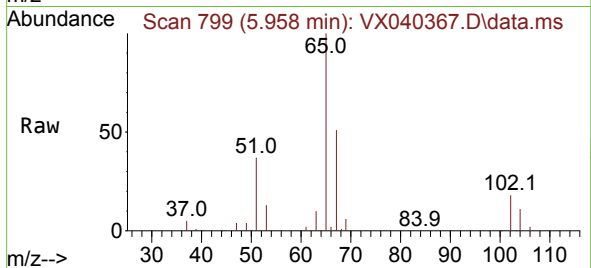
MW178I-20240215

Tgt Ion: 65 Resp: 55642

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040367.D

Acq: 20 Feb 2024 19:13

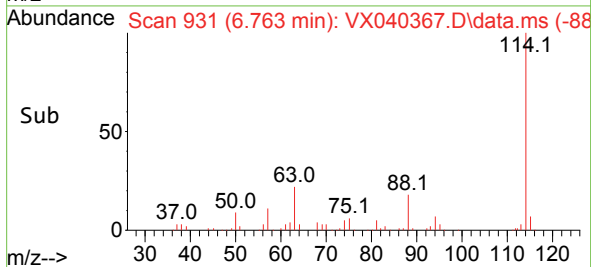
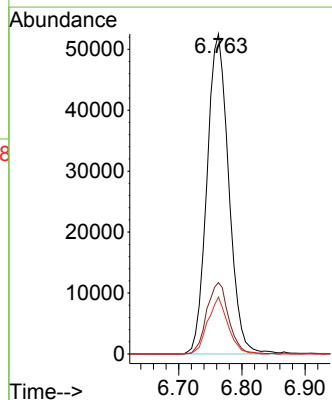
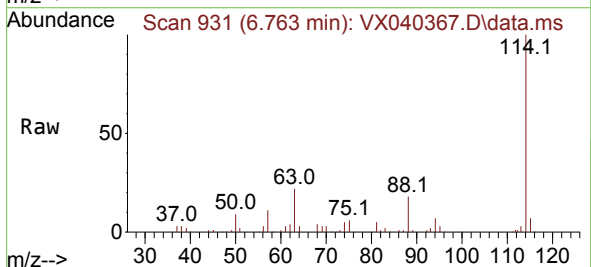
Tgt Ion: 114 Resp: 125395

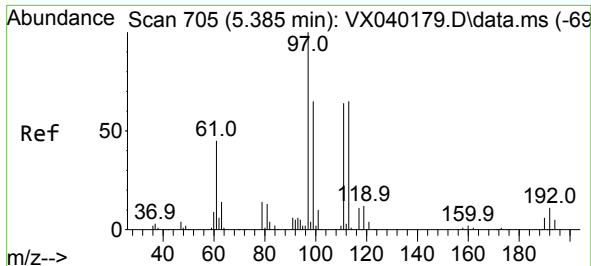
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 17.8 0.0 36.6

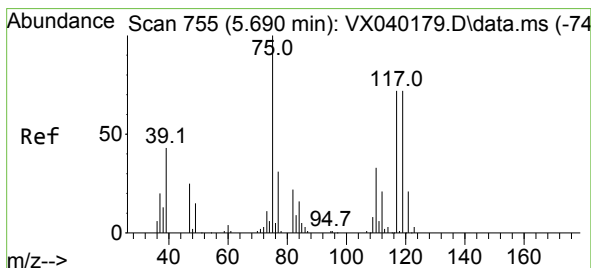
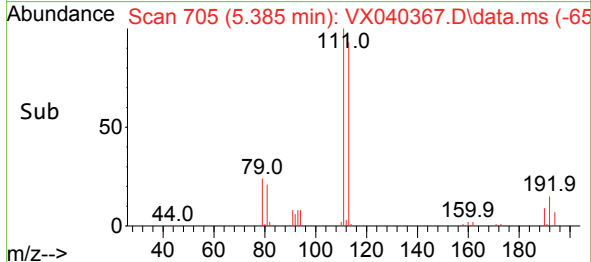
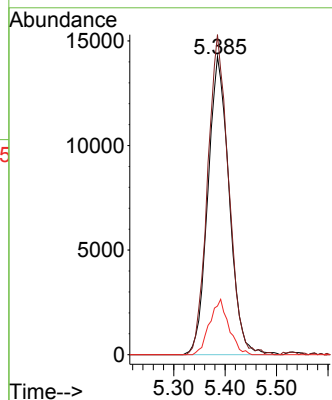
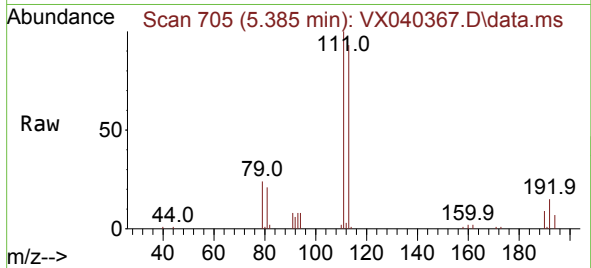




#35
Dibromofluoromethane
Concen: 46.793 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

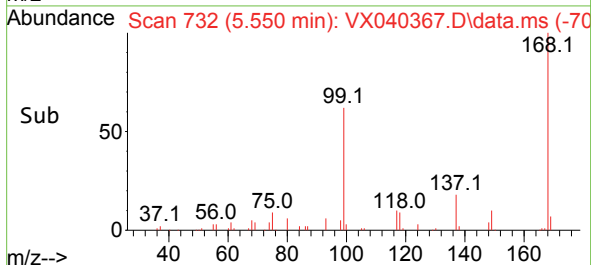
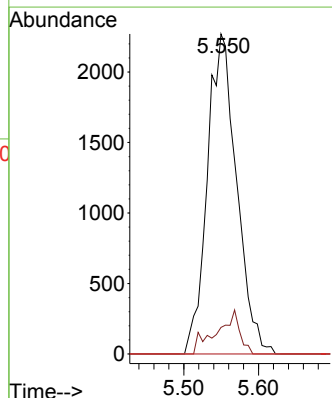
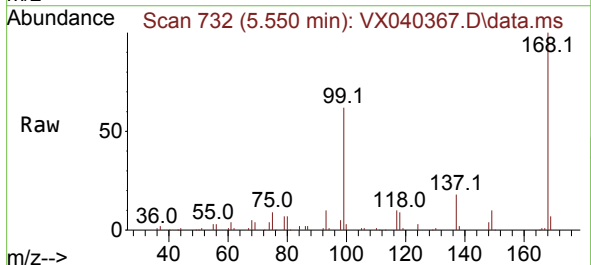
Instrument :
MSVOA_X
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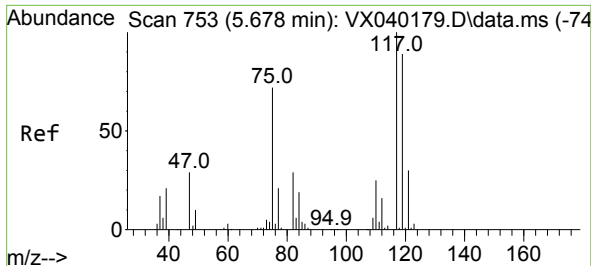
Tgt Ion:113 Resp: 40976
Ion Ratio Lower Upper
113 100
111 106.0 82.9 124.3
192 16.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

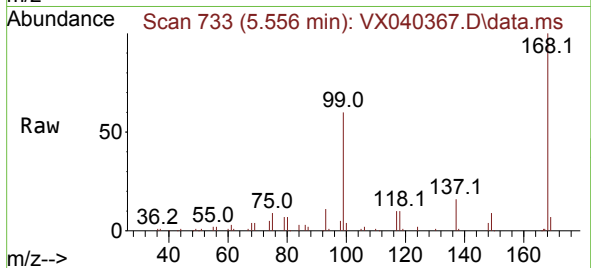
Tgt Ion: 75 Resp: 6184
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#



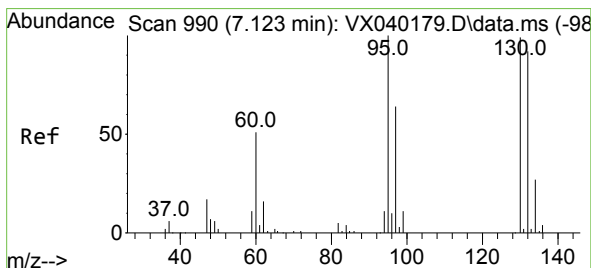
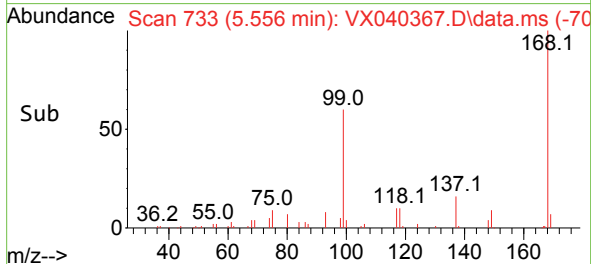
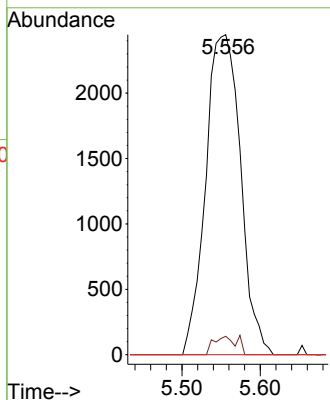


#38
Carbon Tetrachloride
Concen: 6.490 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Instrument :
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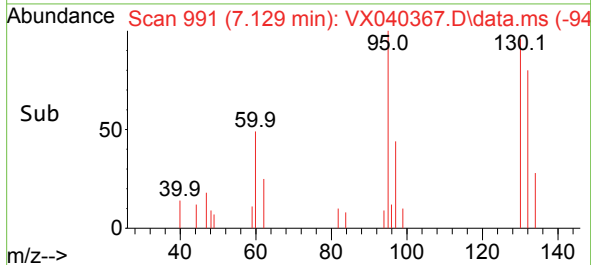
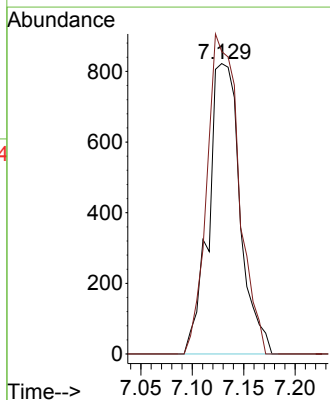
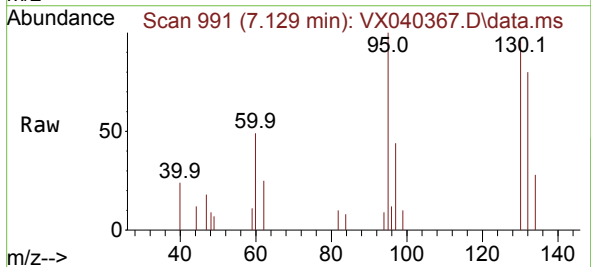


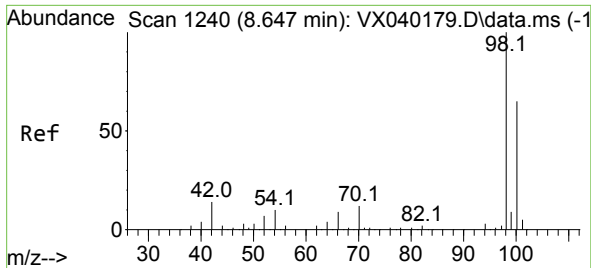
Tgt Ion:117 Resp: 7570
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.852 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Tgt Ion:130 Resp: 1752
Ion Ratio Lower Upper
130 100
95 104.1 0.0 204.4

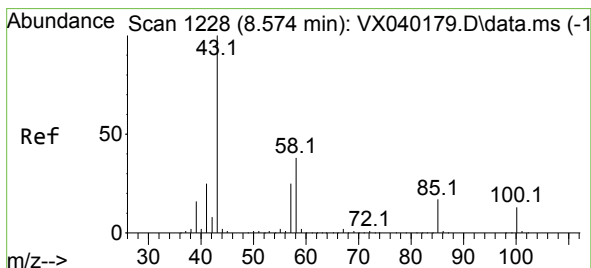
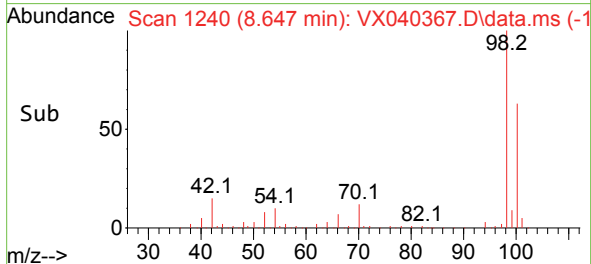
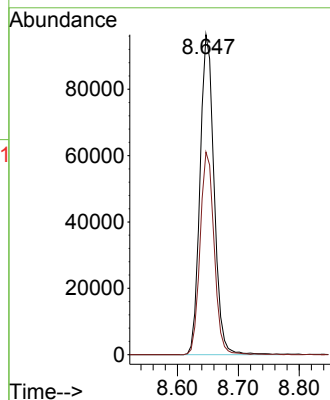
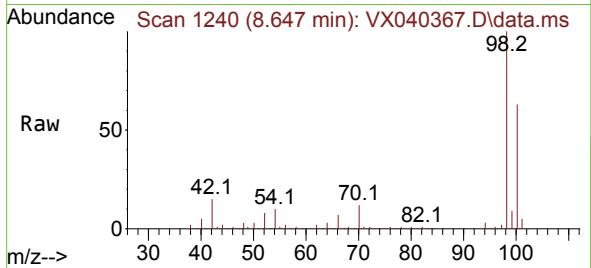




#50
Toluene-d8
Concen: 47.189 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

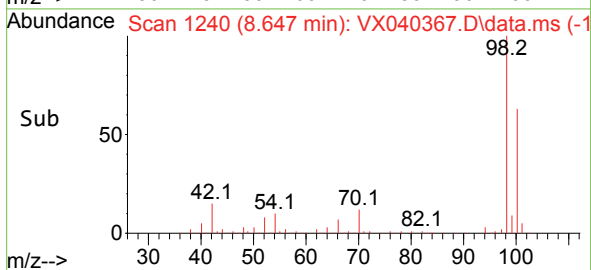
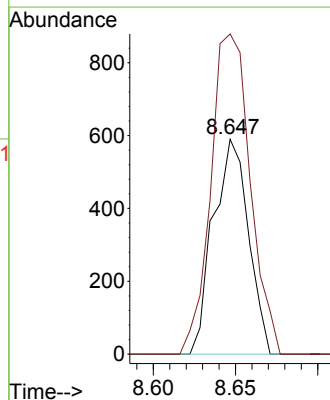
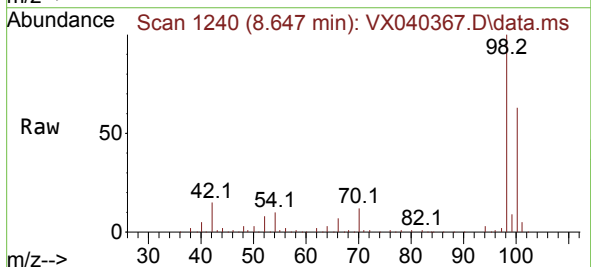
Instrument :
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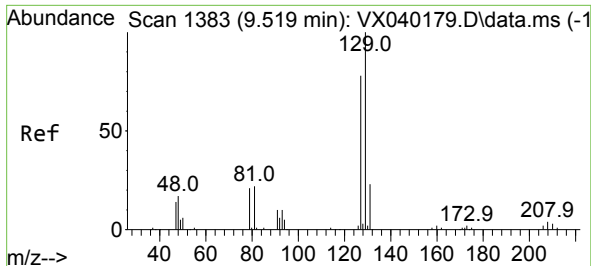
Tgt Ion: 98 Resp: 154577
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.601 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 167.7 30.4 45.6

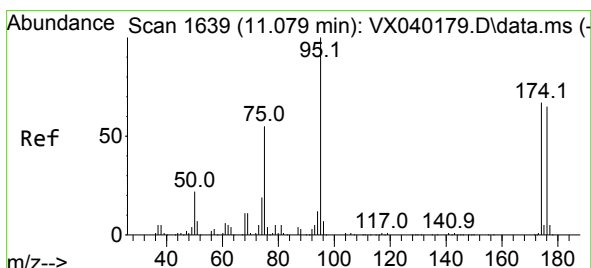
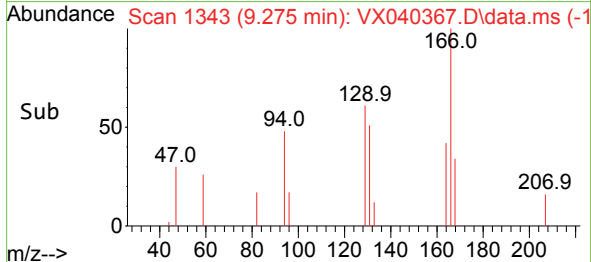
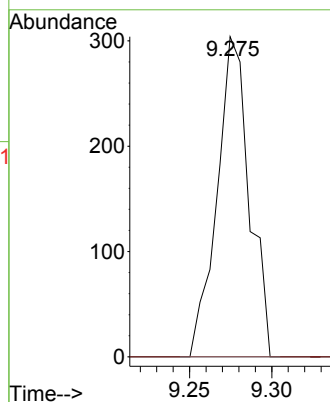
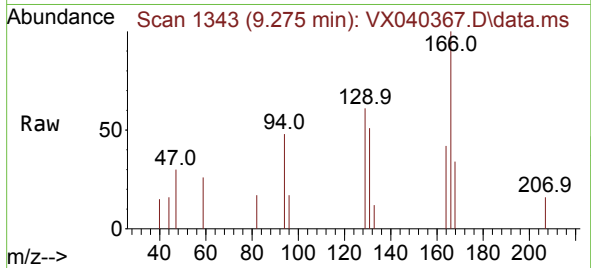




#60
Dibromochloromethane
Concen: 0.425 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

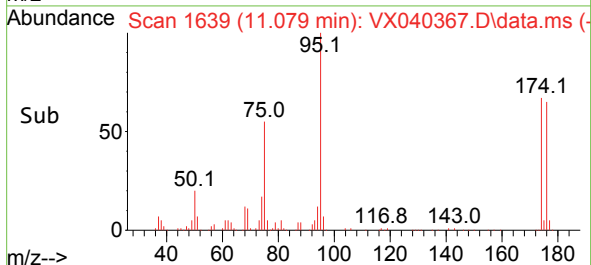
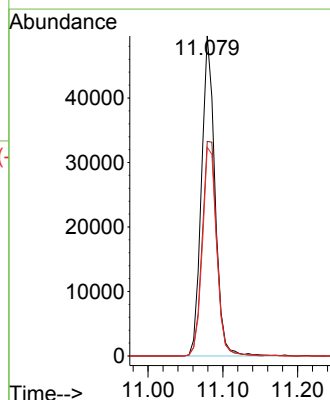
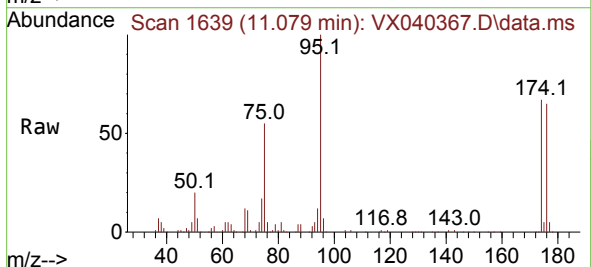
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20240215

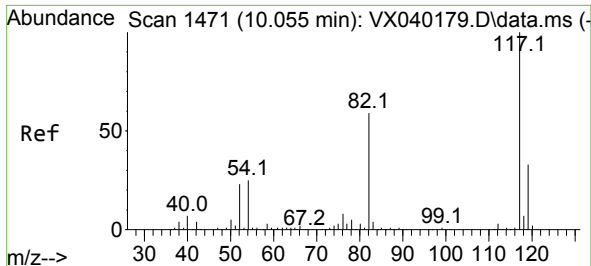
Tgt Ion:129 Resp: 415
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 46.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Tgt Ion: 95 Resp: 62140
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 69.1 0.0 131.0

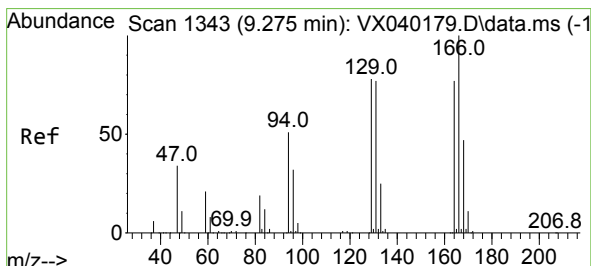
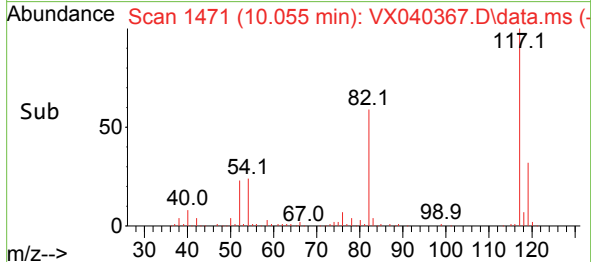
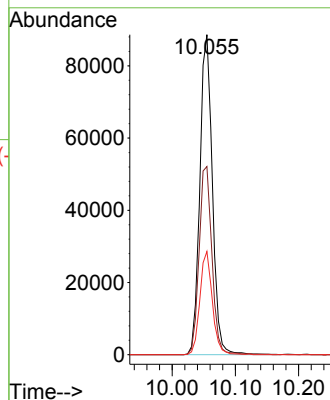
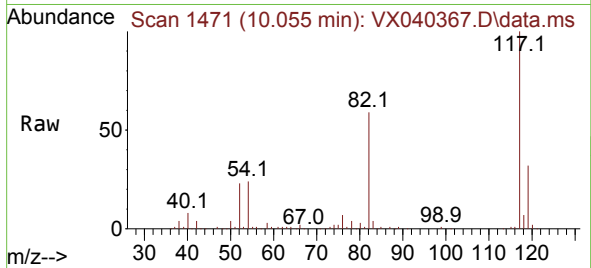




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

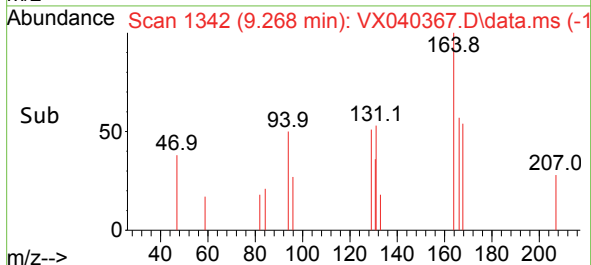
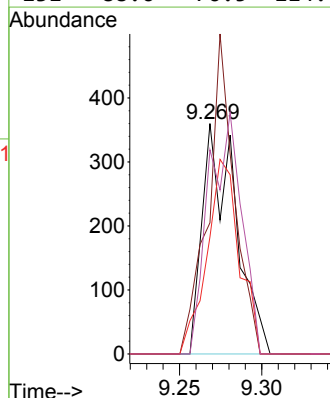
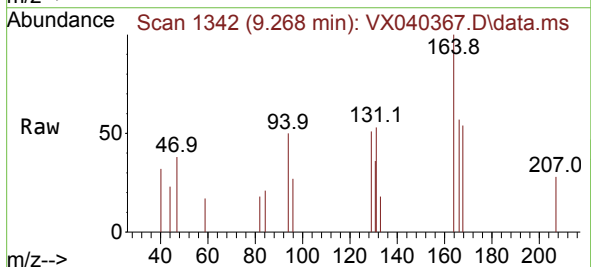
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20240215

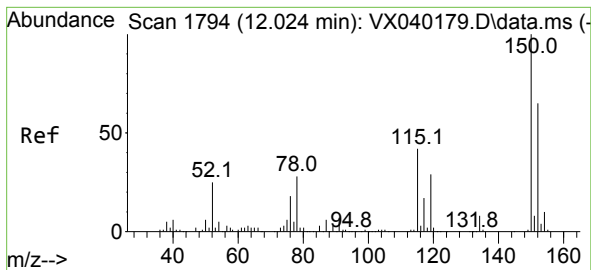
Tgt Ion:117 Resp: 122258
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 0.592 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Tgt Ion:164 Resp: 507
Ion Ratio Lower Upper
164 100
166 56.9 102.7 154.1#
129 50.8 80.4 120.6#
131 88.6 76.5 114.7

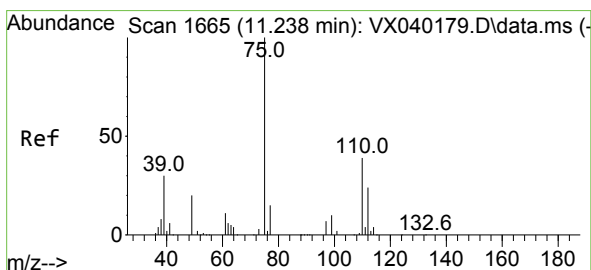
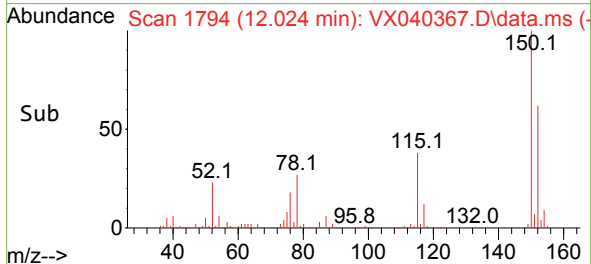
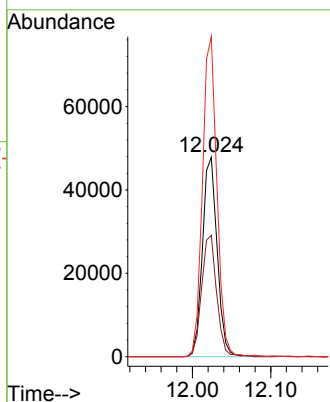
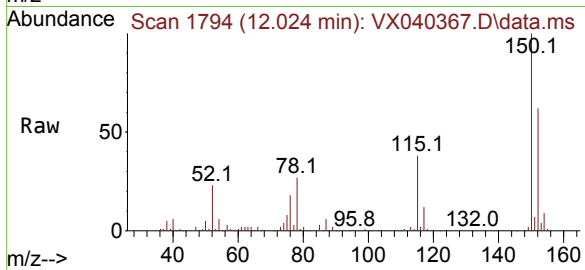




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

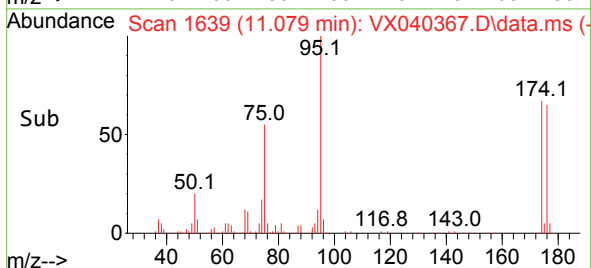
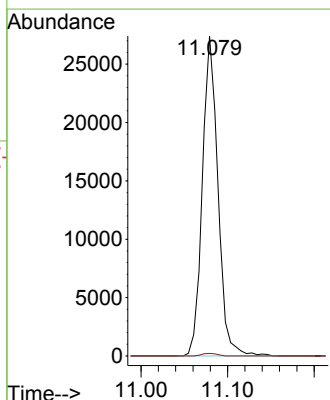
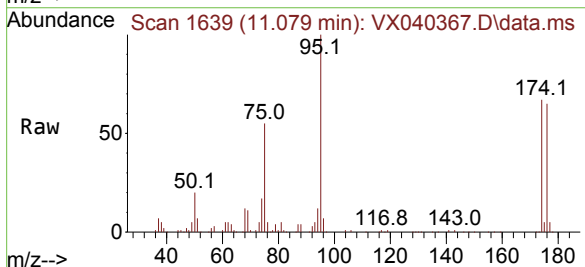
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20240215

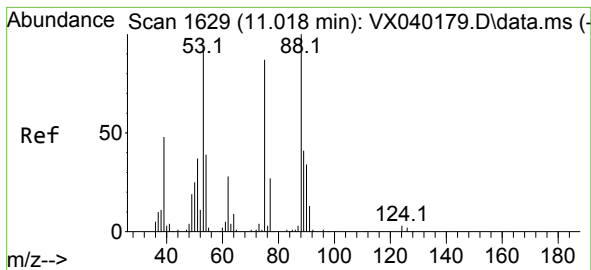
Tgt Ion:152 Resp: 62528
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 156.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 27.111 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040367.D
Acq: 20 Feb 2024 19:13

Tgt Ion: 75 Resp: 34328
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.275 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040367.D
 Acq: 20 Feb 2024 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20240215

Tgt Ion: 75 Resp: 34328
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

