

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036233.D
 Acq On : 20 Jun 2023 11:23
 Operator : JC/MD
 Sample : 03238-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

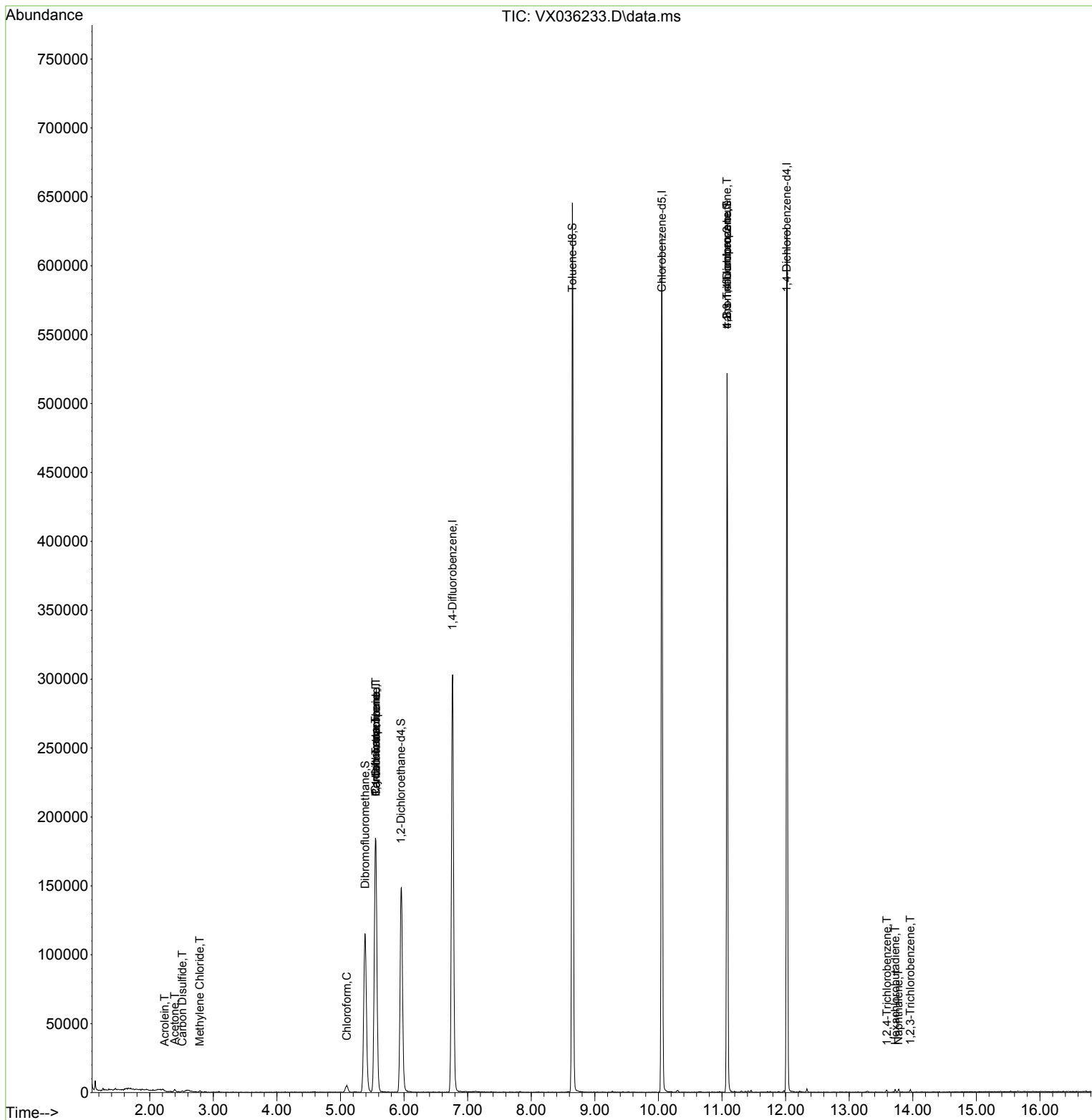
Quant Time: Jun 21 01:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

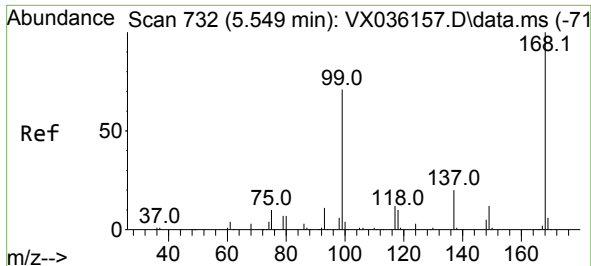
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	158865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	114681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153757	52.962	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.920%	
35) Dibromofluoromethane	5.385	113	100299	51.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.860%	
50) Toluene-d8	8.647	98	355141	49.782	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	11.079	95	135568	47.078	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.160%	
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	226	0.459	ug/l #	69
16) Acetone	2.392	43	2068	1.715	ug/l	90
17) Carbon Disulfide	2.514	76	1015	0.239	ug/l #	87
20) Methylene Chloride	2.788	84	515	0.236	ug/l #	81
30) Chloroform	5.099	83	5723	1.424	ug/l	97
31) Cyclohexane	5.550	56	4434	1.424	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	15838	5.513	ug/l #	51
38) Carbon Tetrachloride	5.556	117	18514	6.629	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	77307	28.404	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	77307	99.420	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	546	0.258	ug/l	88
94) Hexachlorobutadiene	13.725	225	336	0.402	ug/l	92
95) Naphthalene	13.774	128	1706	0.234	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	516	0.243	ug/l	90

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

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QLast Update : Fri Jun 16 16:28:40 2023
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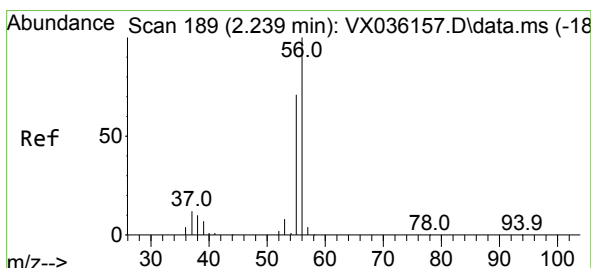
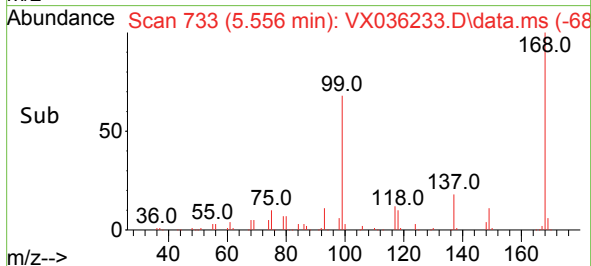
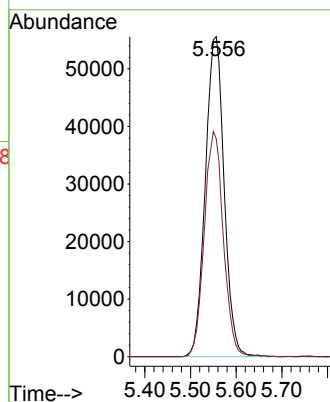
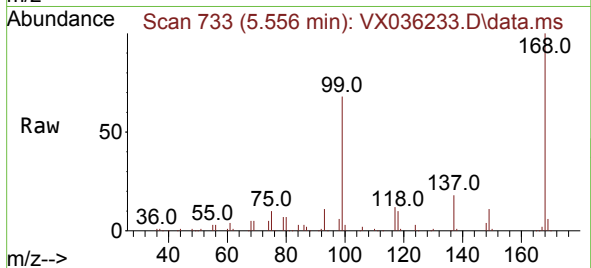




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

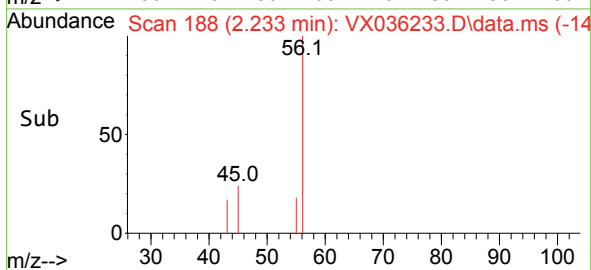
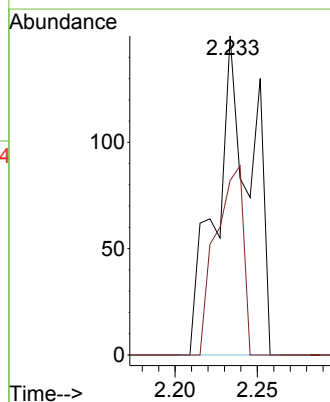
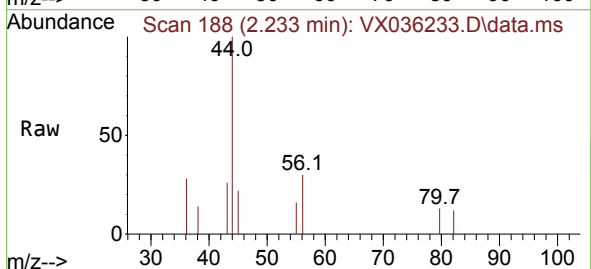
Instrument :
MSVOA_X
ClientSampleId :
MW-4

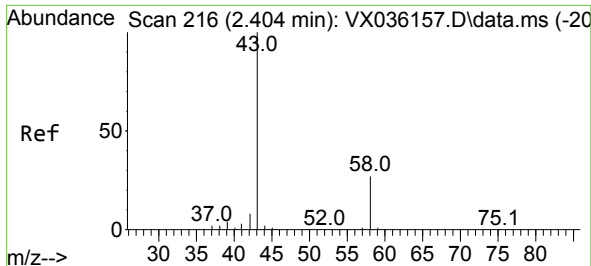
Tgt Ion:168 Resp: 158865
Ion Ratio Lower Upper
168 100
99 68.2 56.6 85.0



#13
Acrolein
Concen: 0.459 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

Tgt Ion: 56 Resp: 226
Ion Ratio Lower Upper
56 100
55 46.0 57.1 85.7#

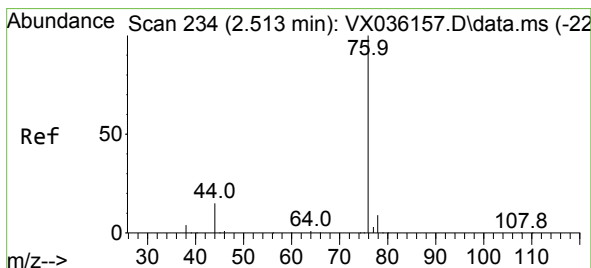
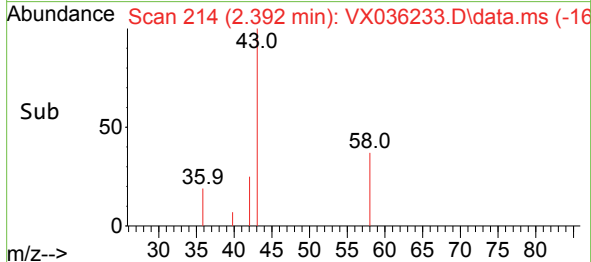
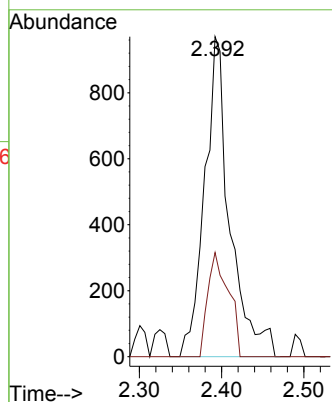
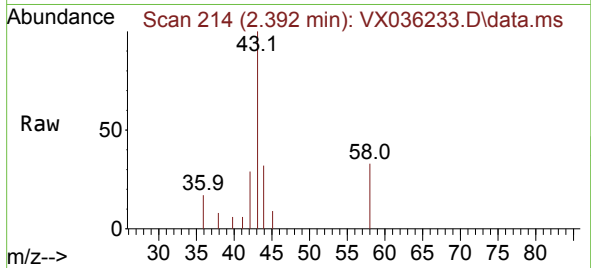




#16
Acetone
Concen: 1.715 ug/l
RT: 2.392 min Scan# 216
Delta R.T. -0.012 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

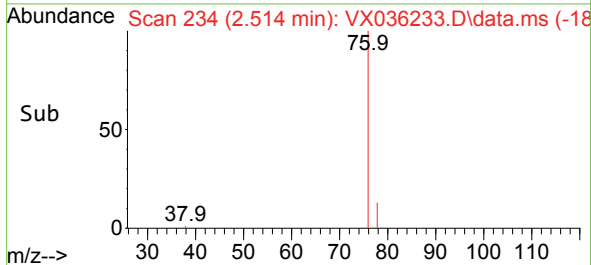
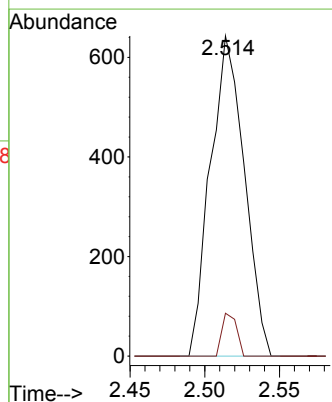
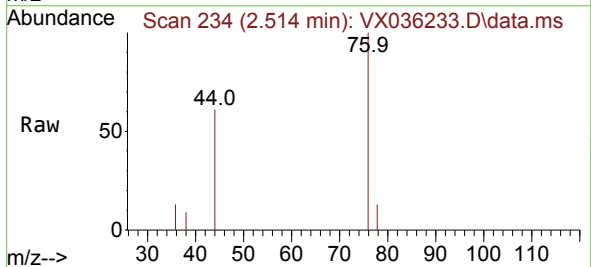
Instrument :
MSVOA_X
ClientSampleId :
MW-4

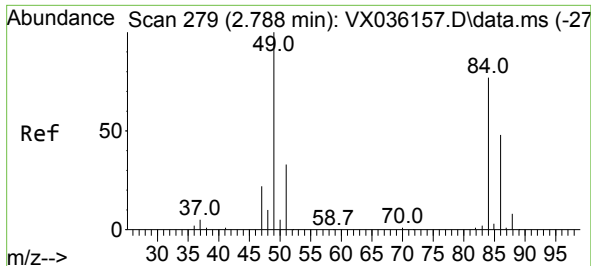
Tgt Ion: 43 Resp: 2068
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.239 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

Tgt Ion: 76 Resp: 1015
Ion Ratio Lower Upper
76 100
78 13.4 7.0 10.6#

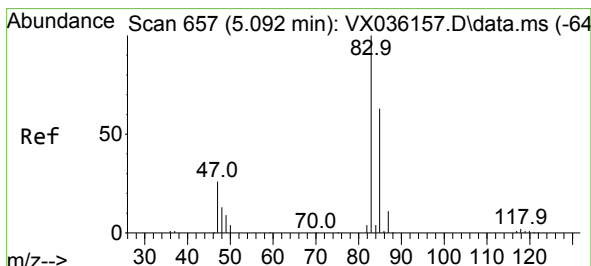
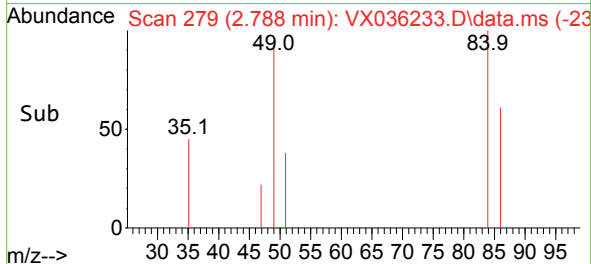
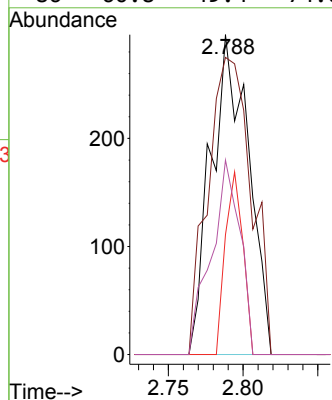
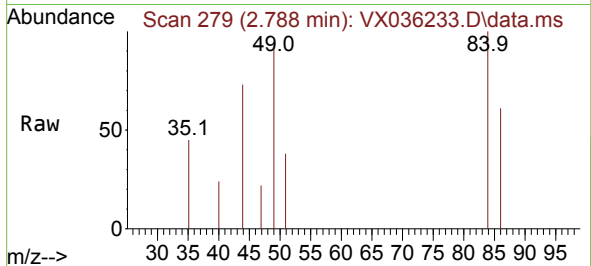




#20
Methylene Chloride
Concen: 0.236 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

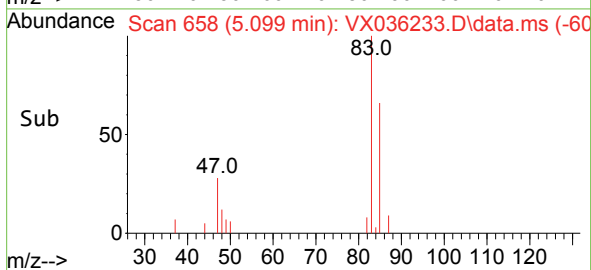
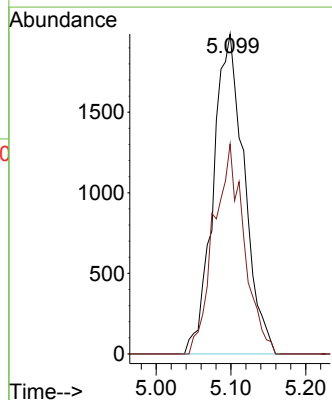
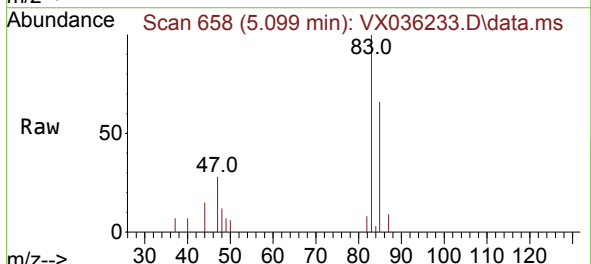
Instrument :
MSVOA_X
ClientSampleId :
MW-4

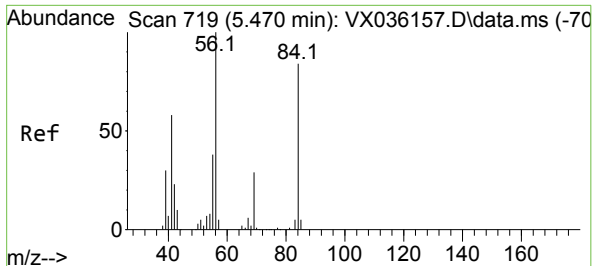
Tgt Ion:	84	Resp:	515
Ion	Ratio	Lower	Upper
84	100		
49	92.9	103.6	155.4#
51	37.5	33.8	50.6
86	60.8	49.4	74.0



#30
Chloroform
Concen: 1.424 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

Tgt Ion:	83	Resp:	5723
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.3	75.5

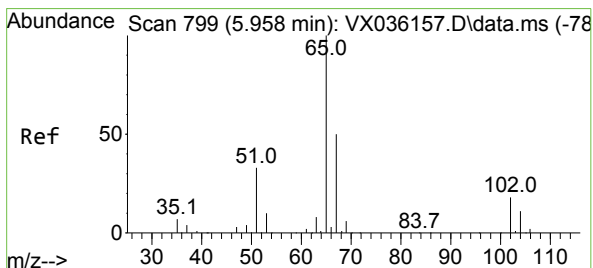
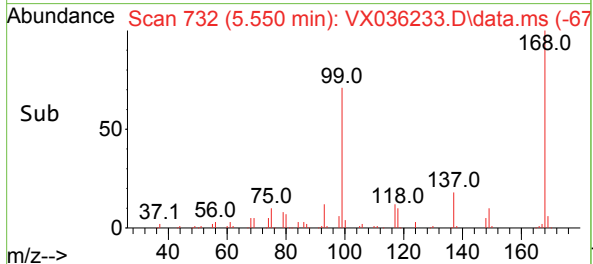
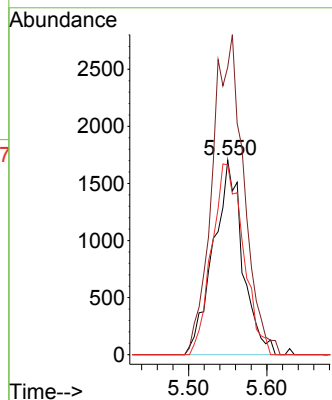
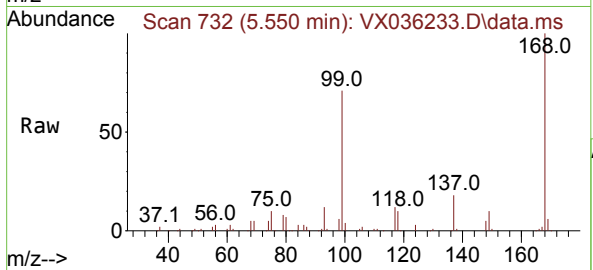




#31
Cyclohexane
Concen: 1.424 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

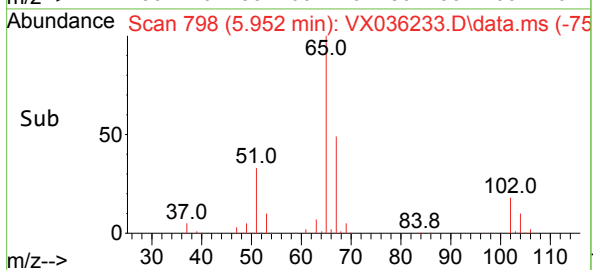
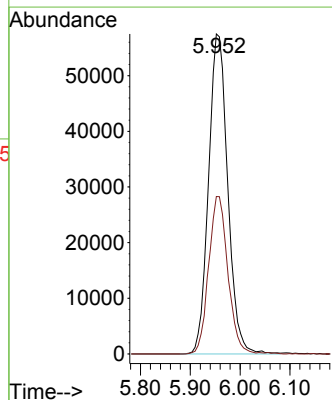
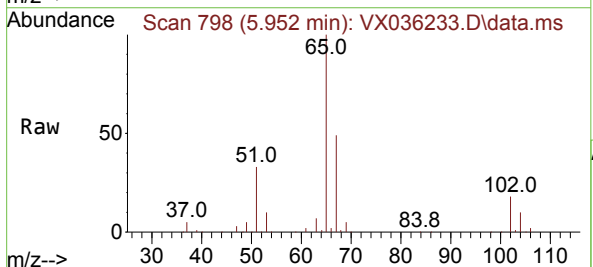
Instrument :
MSVOA_X
ClientSampleId :
MW-4

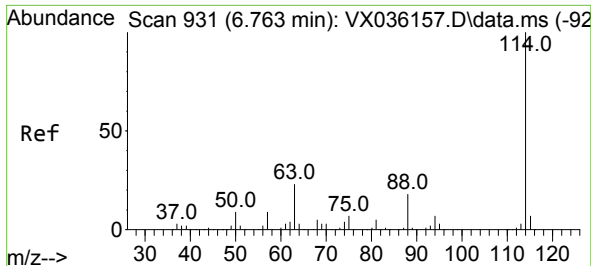
Tgt Ion: 56 Resp: 4434
Ion Ratio Lower Upper
56 100
69 147.7 23.4 35.2#
84 97.6 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 52.962 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

Tgt Ion: 65 Resp: 153757
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.2

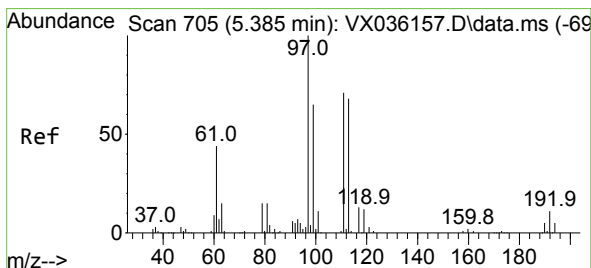
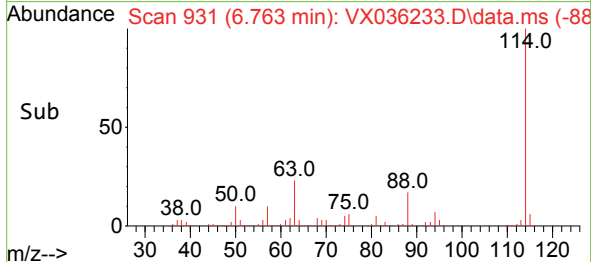
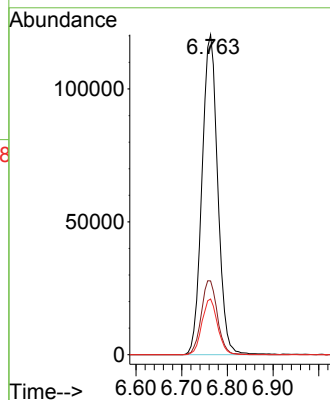
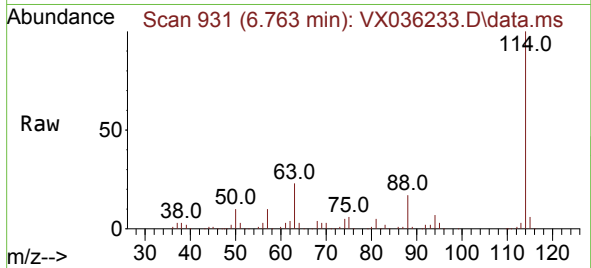




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

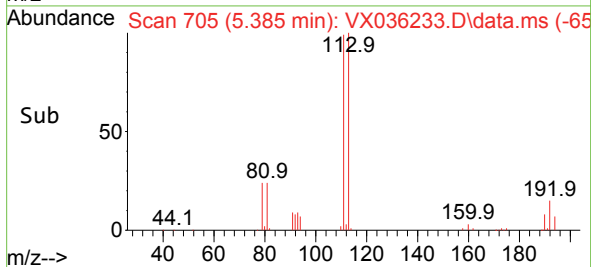
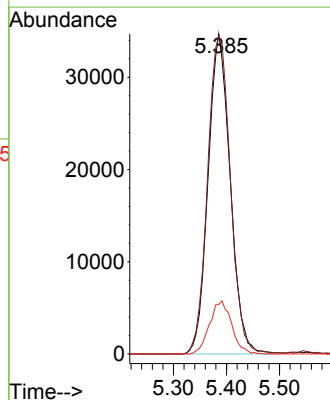
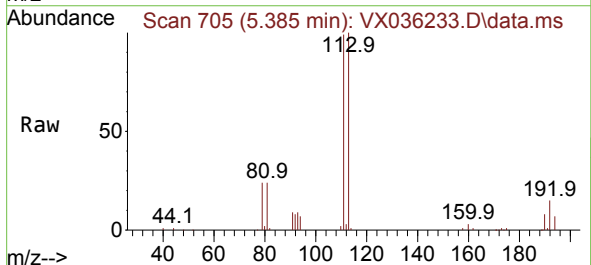
Instrument :
MSVOA_X
ClientSampleId :
MW-4

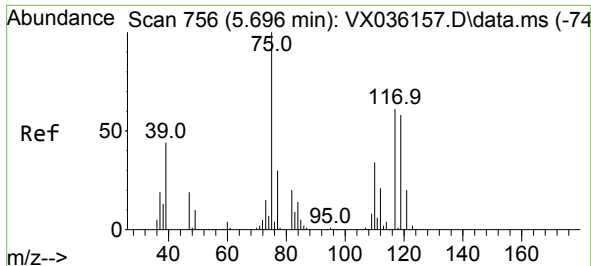
Tgt Ion:114 Resp: 287599
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.429 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

Tgt Ion:113 Resp: 100299
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.6 13.3 19.9

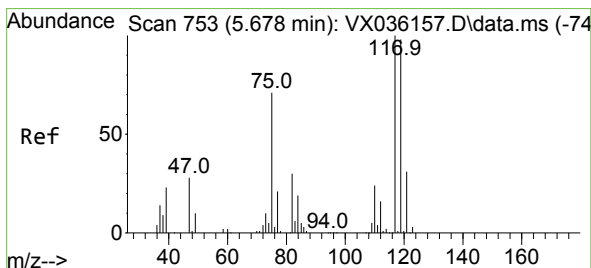
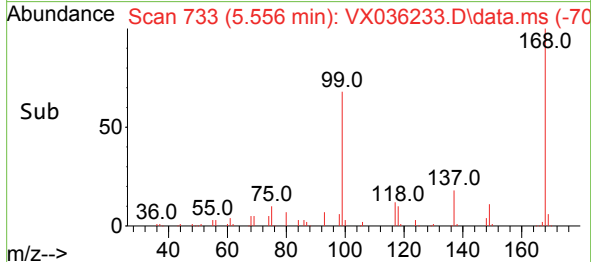
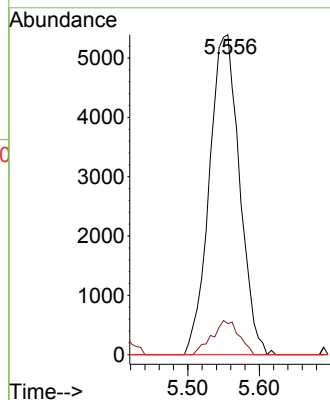
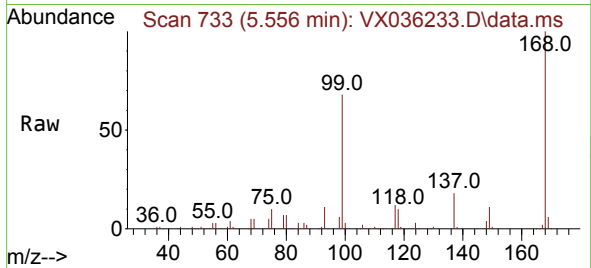




#36
1,1-Dichloropropene
Concen: 5.513 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

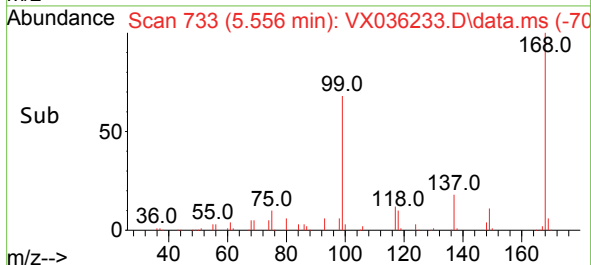
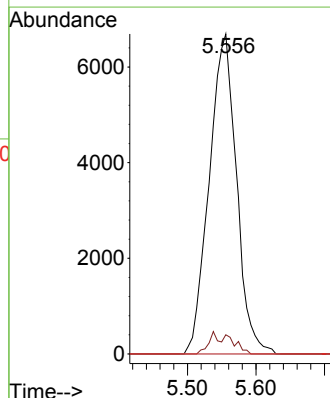
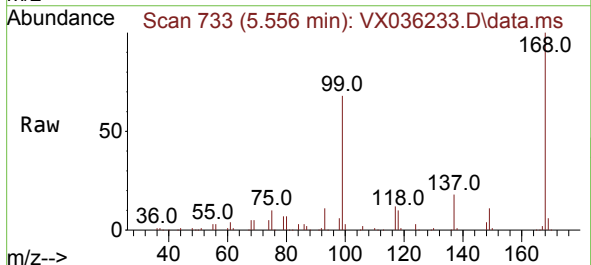
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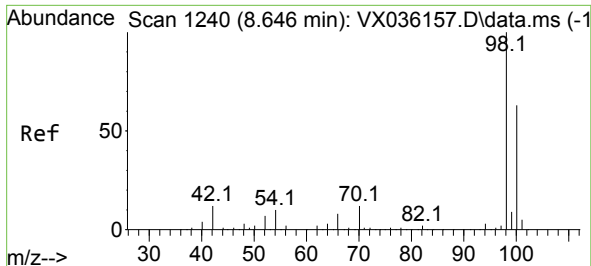
Tgt Ion: 75 Resp: 15838
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.629 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

Tgt Ion: 117 Resp: 18514
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#

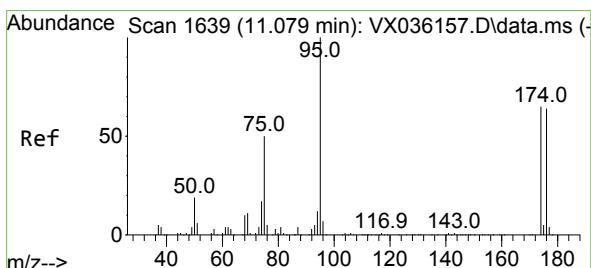
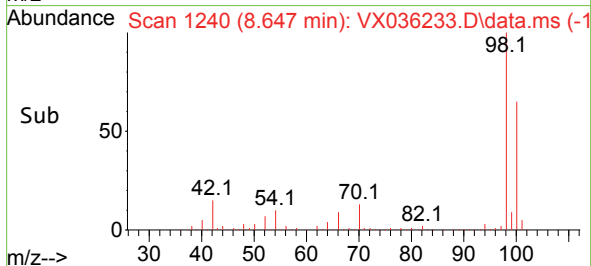
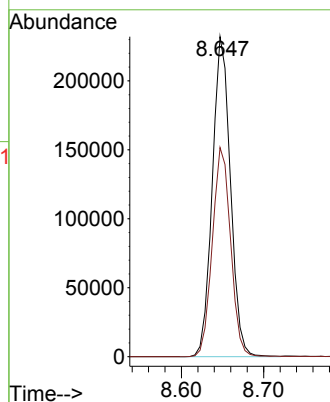
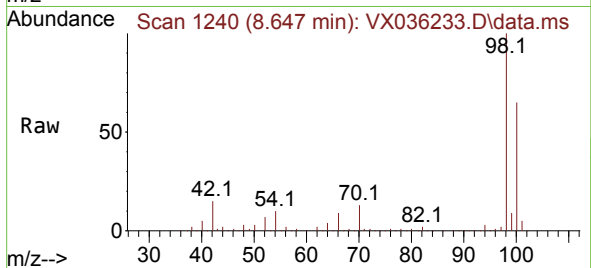




#50
Toluene-d8
Concen: 49.782 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

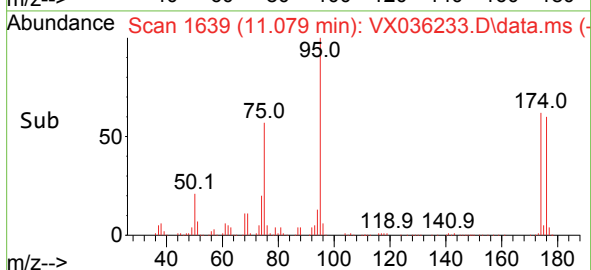
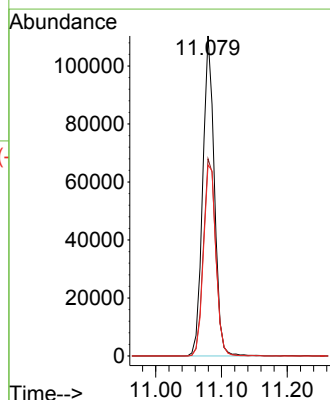
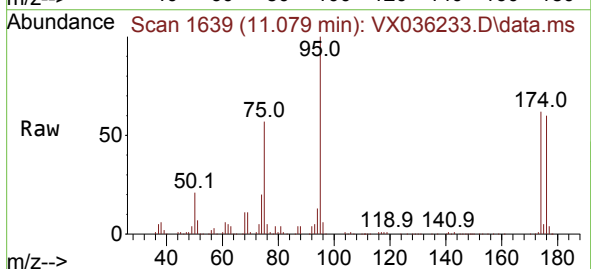
Instrument :
MSVOA_X
ClientSampleId :
MW-4

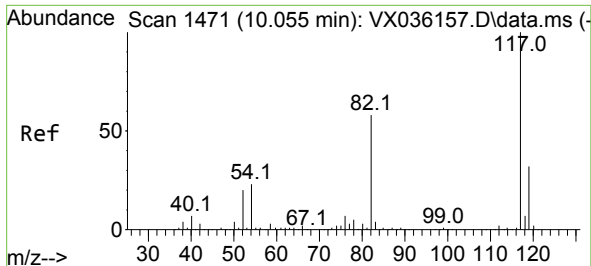
Tgt Ion: 98 Resp: 355141
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

Tgt Ion: 95 Resp: 135568
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.6
176 63.6 0.0 131.0

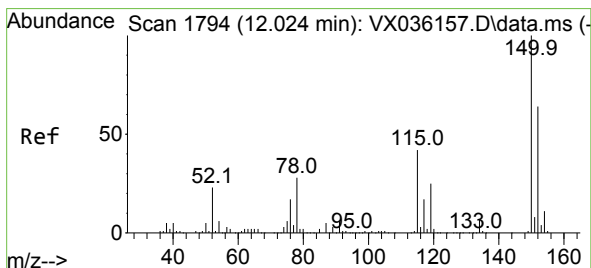
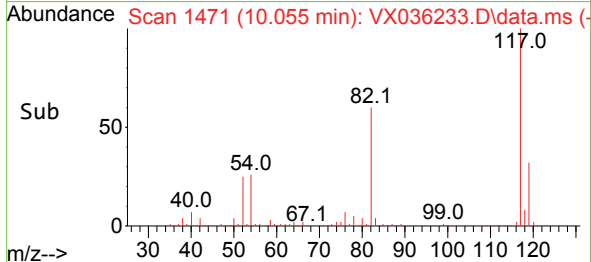
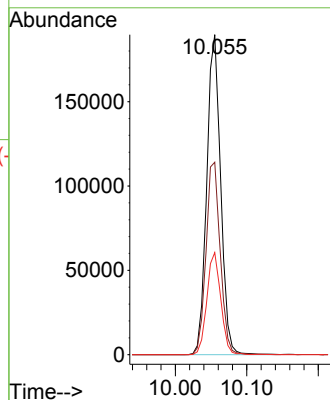
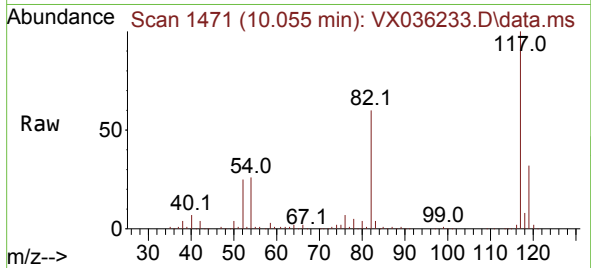




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

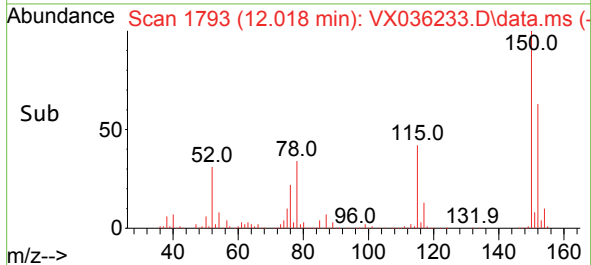
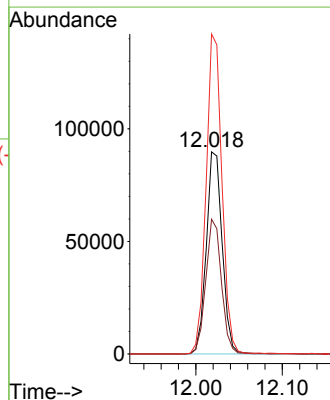
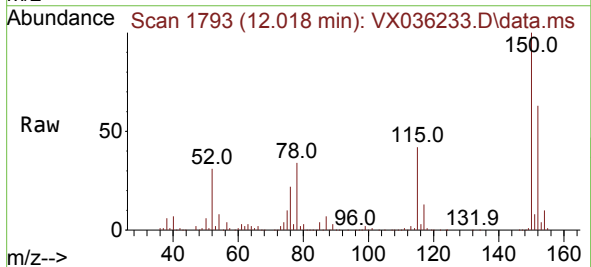
Instrument :
MSVOA_X
ClientSampleId :
MW-4

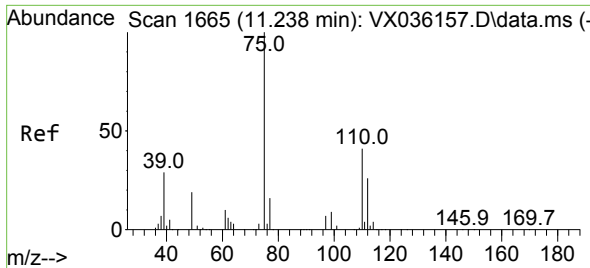
Tgt Ion:117 Resp: 255830
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

Tgt Ion:152 Resp: 114681
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 157.6 0.0 345.0

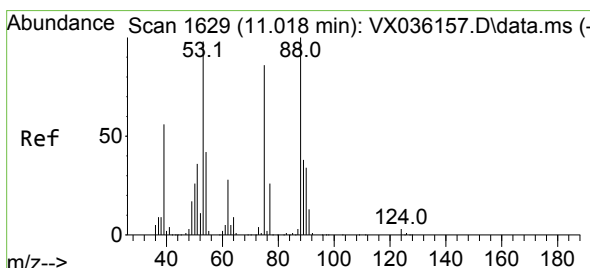
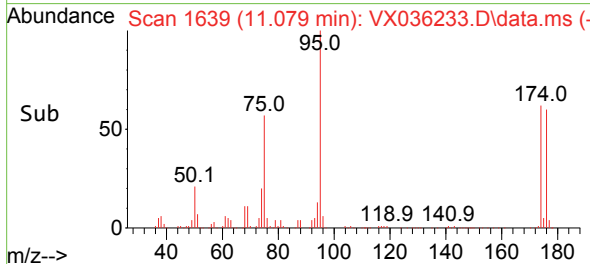
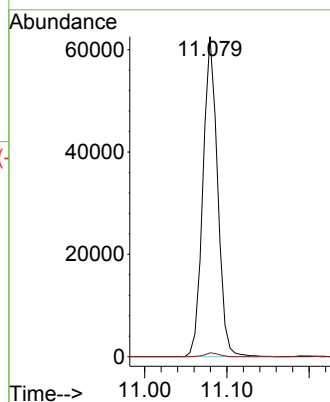
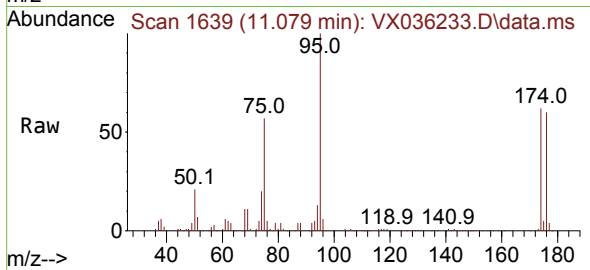




#76
1,2,3-Trichloropropane
Concen: 28.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

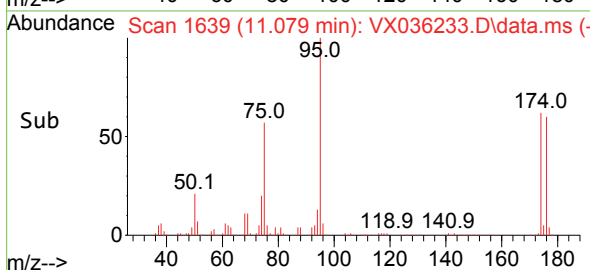
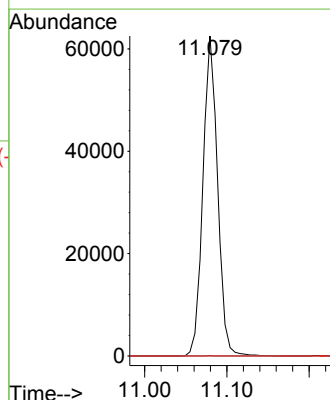
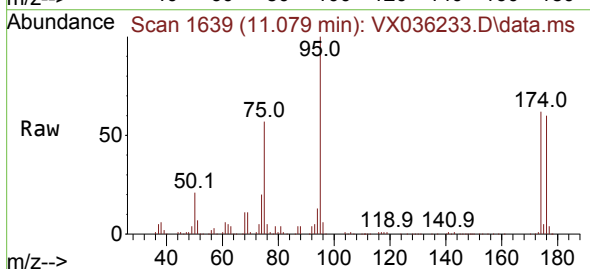
Instrument :
MSVOA_X
ClientSampleId :
MW-4

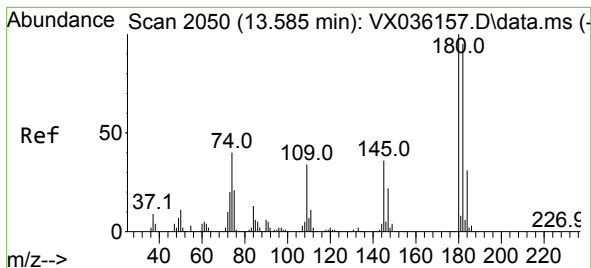
Tgt Ion: 75 Resp: 77307
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.420 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036233.D
Acq: 20 Jun 2023 11:23

Tgt Ion: 75 Resp: 77307
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.258 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX036233.D

Acq: 20 Jun 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

MW-4

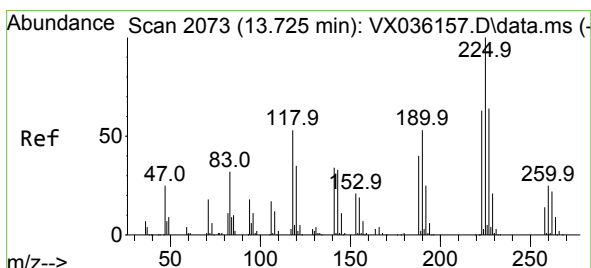
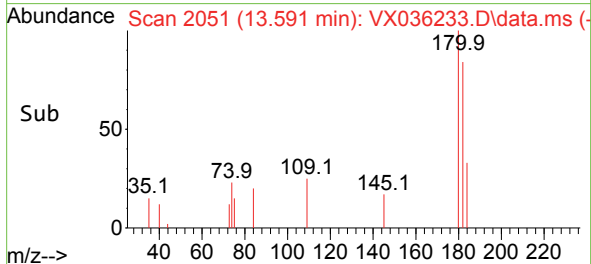
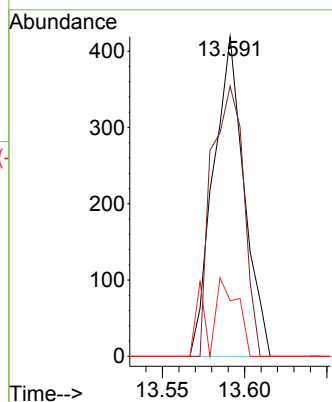
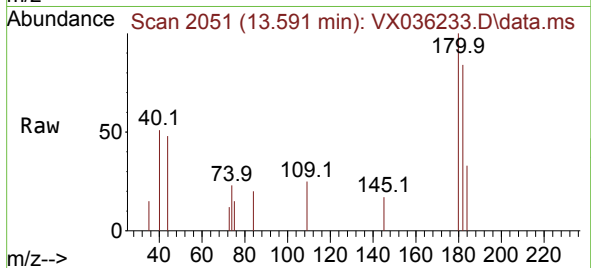
Tgt Ion:180 Resp: 546

Ion Ratio Lower Upper

180 100

182 88.1 48.3 144.8

145 23.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.402 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036233.D

Acq: 20 Jun 2023 11:23

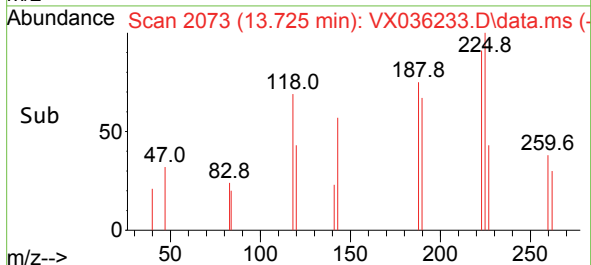
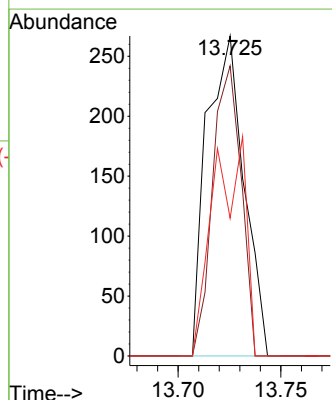
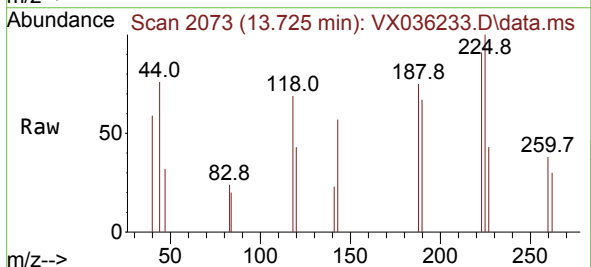
Tgt Ion:225 Resp: 336

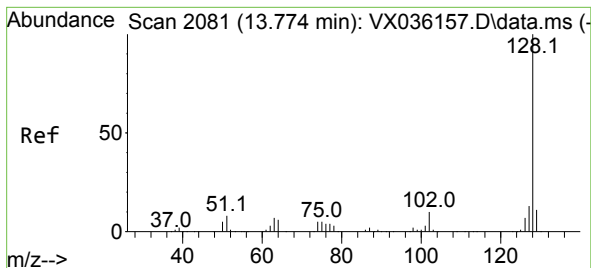
Ion Ratio Lower Upper

225 100

223 69.3 31.1 93.2

227 59.8 32.5 97.5





#95

Naphthalene

Concen: 0.234 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036233.D

Acq: 20 Jun 2023 11:23

Instrument :

MSVOA_X

ClientSampleId :

MW-4

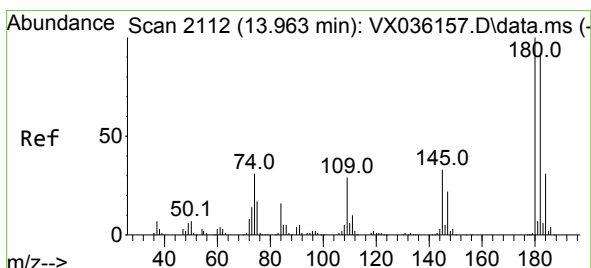
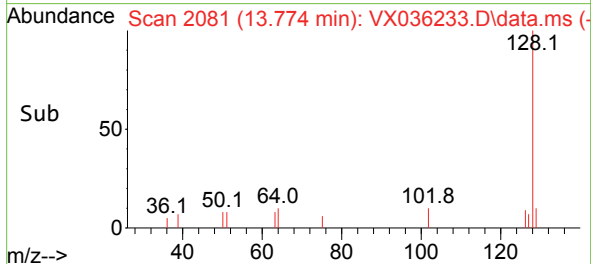
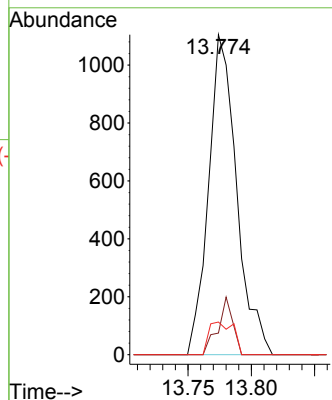
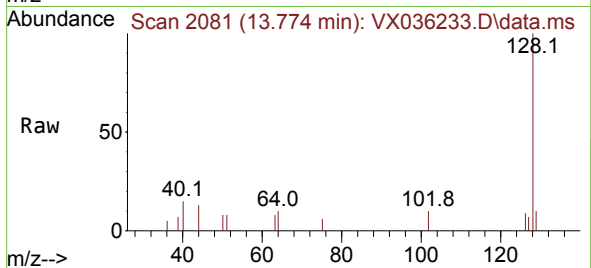
Tgt Ion:128 Resp: 1706

Ion Ratio Lower Upper

128 100

127 9.4 10.3 15.5#

129 8.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.243 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX036233.D

Acq: 20 Jun 2023 11:23

Tgt Ion:180 Resp: 516

Ion Ratio Lower Upper

180 100

182 100.6 46.9 140.6

145 24.6 17.8 53.5

