

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039189.D
 Acq On : 13 Dec 2023 15:11
 Operator : JC/MD
 Sample : VX1213WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBL01

Quant Time: Dec 14 01:32:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

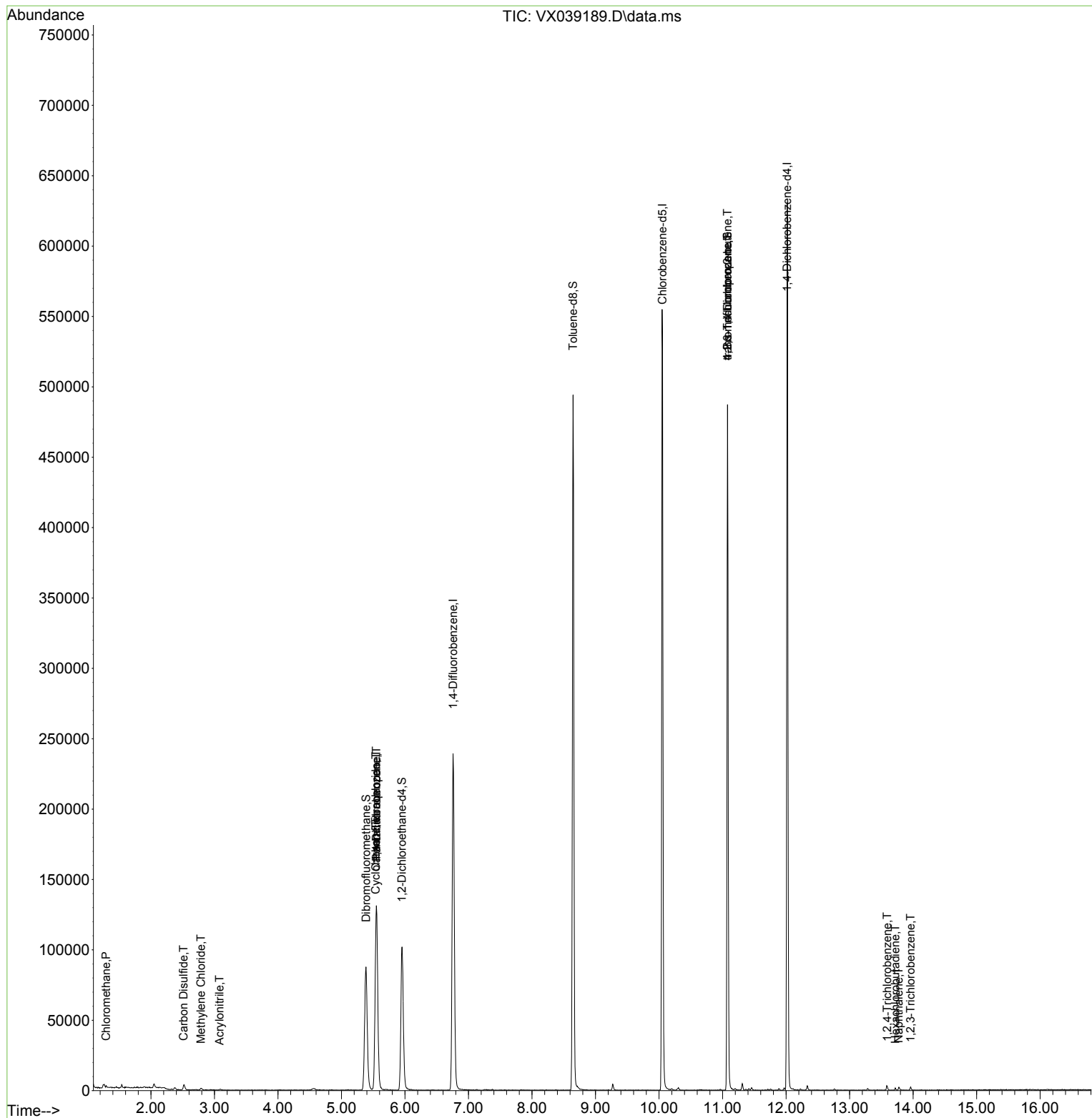
Internal Standards						
1) Pentafluorobenzene	5.550	168	112881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100554	48.626	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.260%		
35) Dibromofluoromethane	5.385	113	76755	47.964	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.920%		
50) Toluene-d8	8.647	98	291276	49.028	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.060%		
62) 4-Bromofluorobenzene	11.079	95	133027	54.269	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.540%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	970	0.552	ug/l #	77
15) Acrylonitrile	3.081	53	261	0.251	ug/l #	45
16) Acetone	2.374	43	1684	Below Cal		97
17) Carbon Disulfide	2.514	76	1729	0.407	ug/l #	93
20) Methylene Chloride	2.788	84	627	0.364	ug/l #	77
31) Cyclohexane	5.538	56	3635	1.361	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	10973	4.345	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12888	5.348	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	73981	24.318	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	73981	68.600	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	936	0.379	ug/l	91
94) Hexachlorobutadiene	13.719	225	285	0.306	ug/l	82
95) Naphthalene	13.774	128	1834	0.213	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	635	0.266	ug/l	96

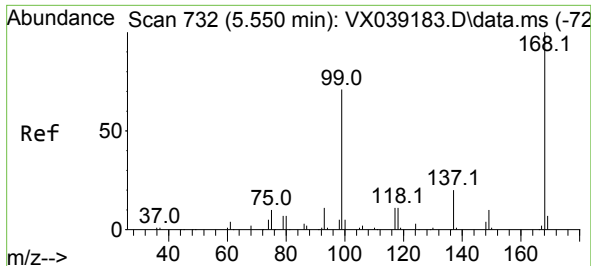
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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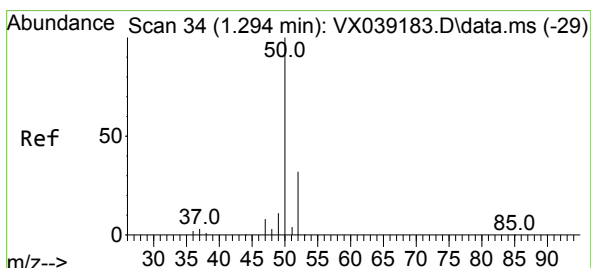
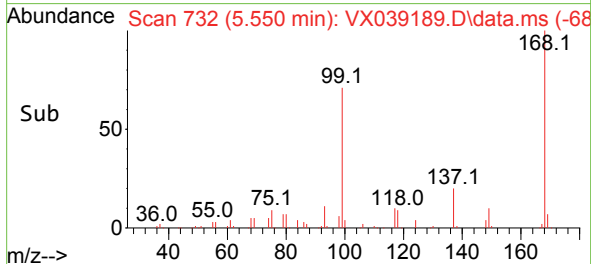
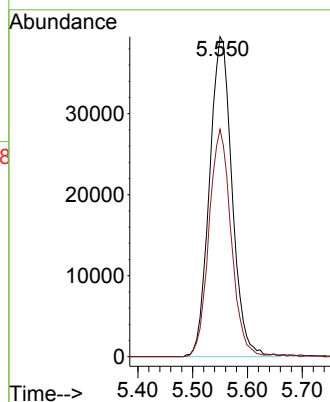
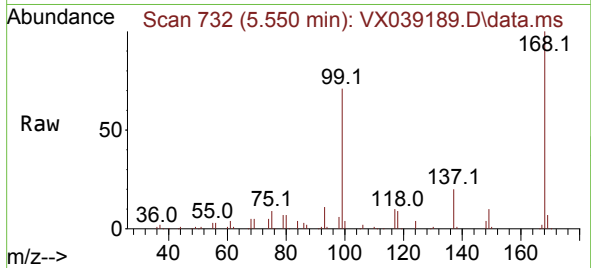




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

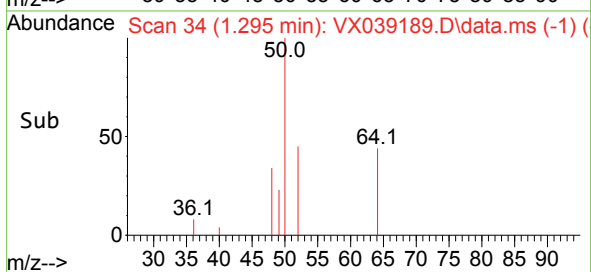
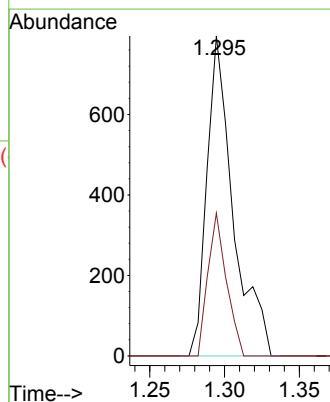
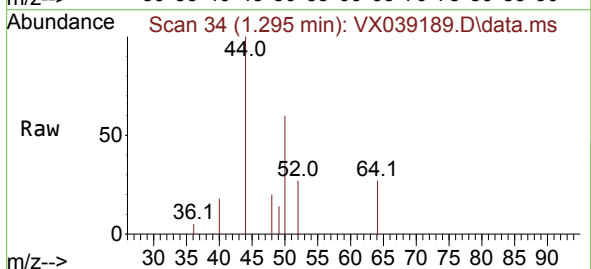
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBL01

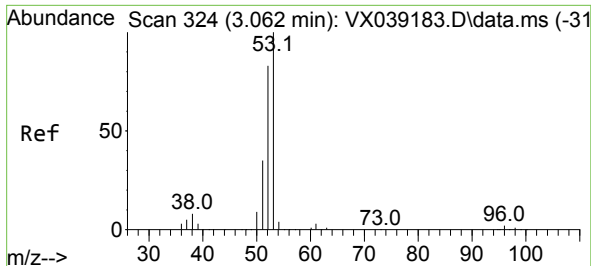
Tgt Ion:168 Resp: 112881
Ion Ratio Lower Upper
168 100
99 71.1 56.6 85.0



#3
Chloromethane
Concen: 0.552 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

Tgt Ion: 50 Resp: 970
Ion Ratio Lower Upper
50 100
52 44.7 25.5 38.3#

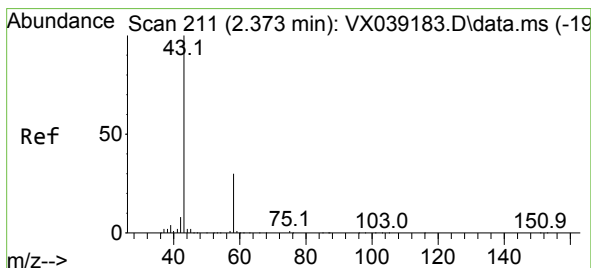
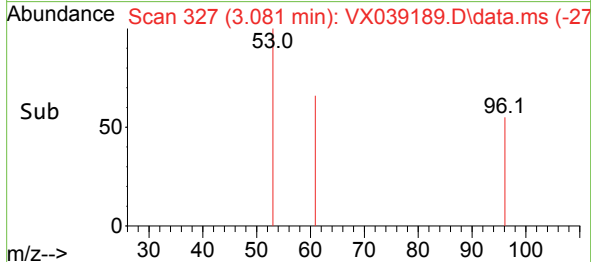
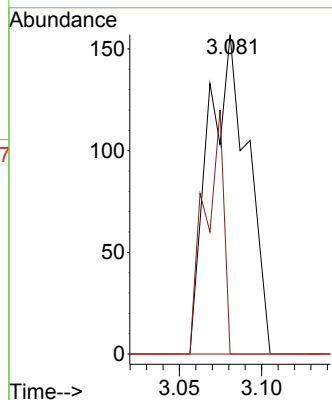
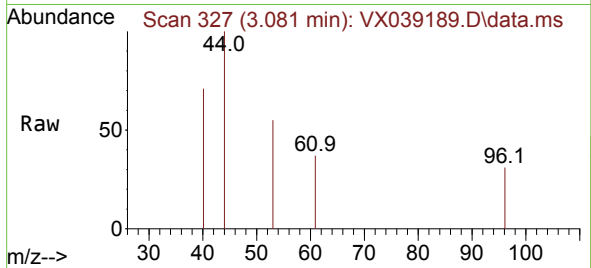




#15
Acrylonitrile
Concen: 0.251 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.019 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

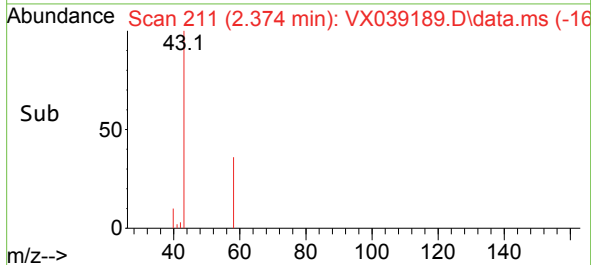
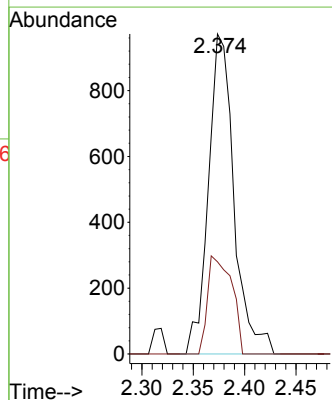
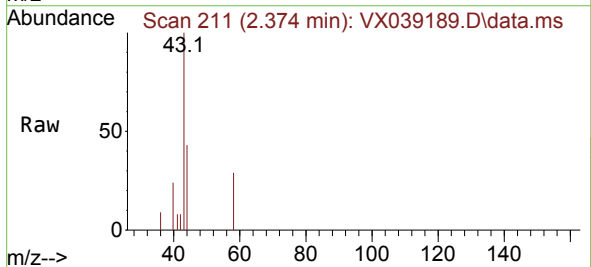
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBL01

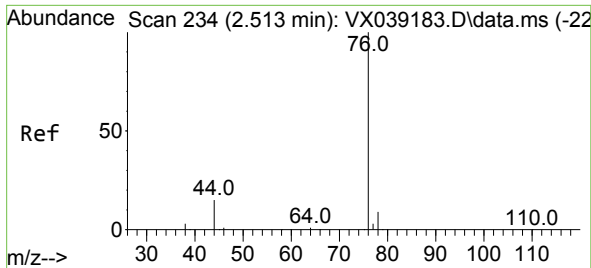
Tgt Ion: 53 Resp: 261
Ion Ratio Lower Upper
53 100
52 36.4 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

Tgt Ion: 43 Resp: 1684
Ion Ratio Lower Upper
43 100
58 28.8 21.9 32.9

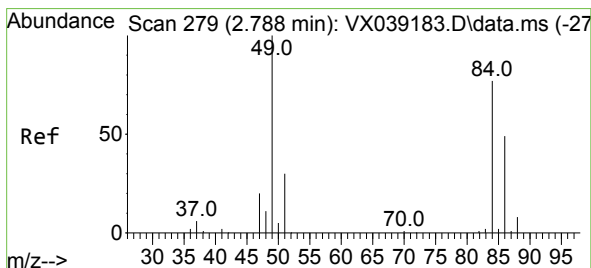
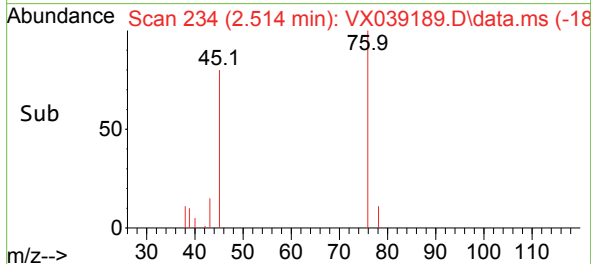
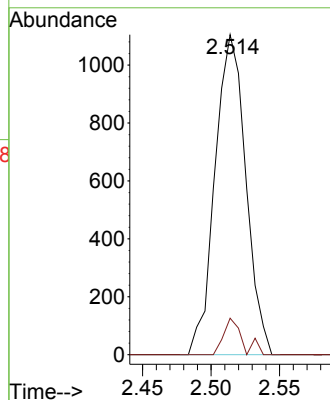
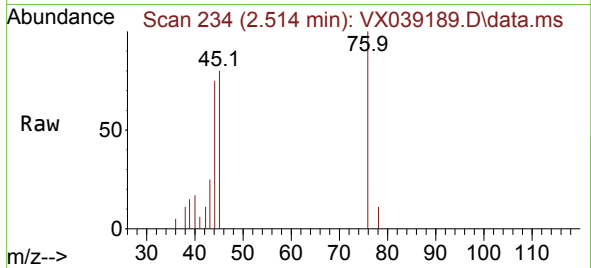




#17
Carbon Disulfide
Concen: 0.407 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

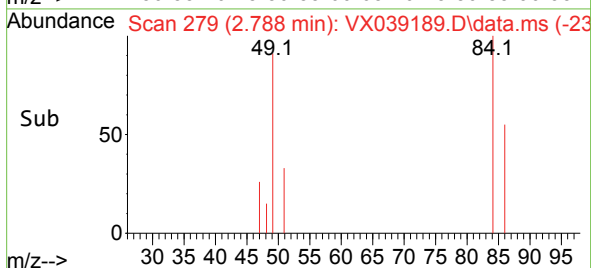
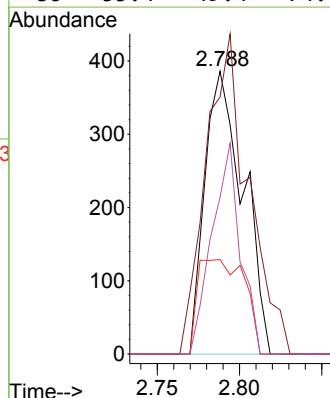
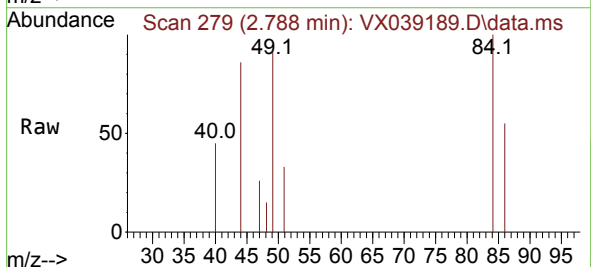
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBL01

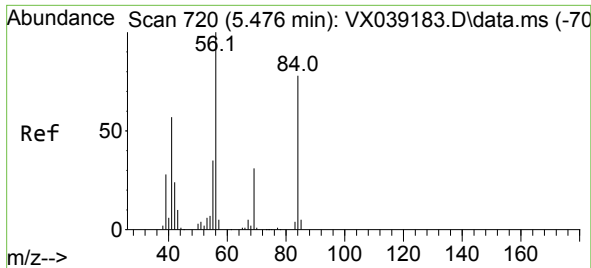
Tgt Ion: 76 Resp: 1729
Ion Ratio Lower Upper
76 100
78 11.4 7.0 10.6#



#20
Methylene Chloride
Concen: 0.364 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

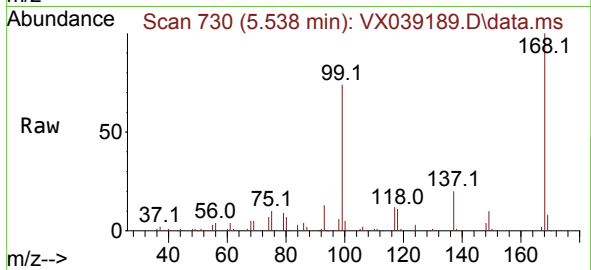
Tgt Ion: 84 Resp: 627
Ion Ratio Lower Upper
84 100
49 90.9 103.6 155.4#
51 33.4 33.8 50.6#
86 55.4 49.4 74.0



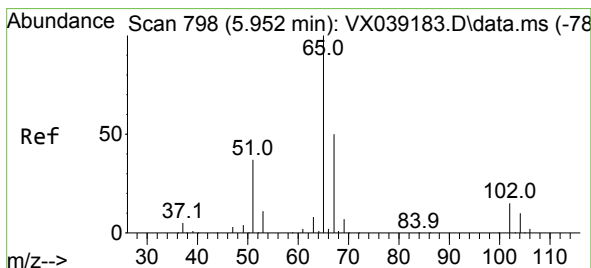
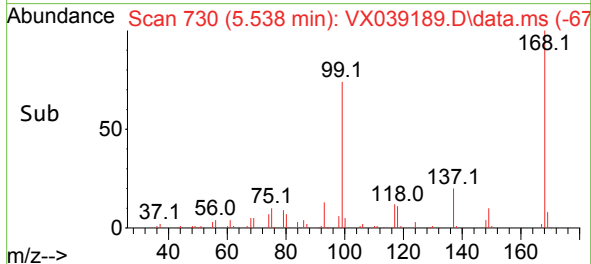
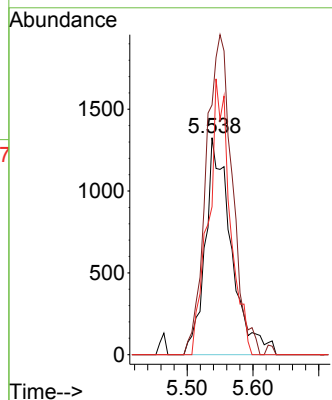


#31
Cyclohexane
Concen: 1.361 ug/l
RT: 5.538 min Scan# 713
Delta R.T. 0.061 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBL01

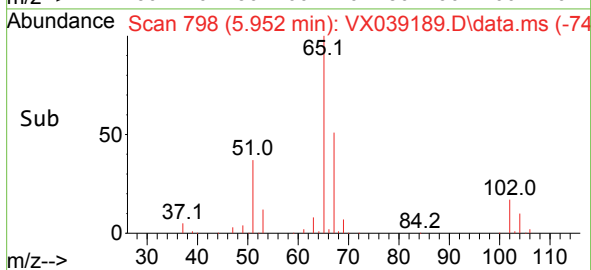
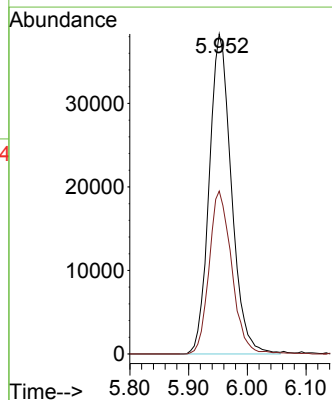
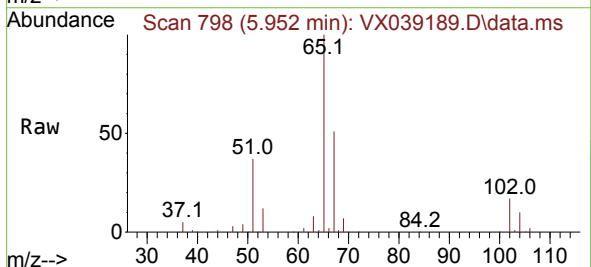


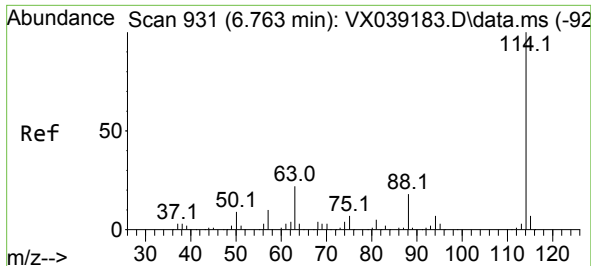
Tgt Ion: 56 Resp: 3635
Ion Ratio Lower Upper
56 100
69 115.2 23.4 35.2#
84 68.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.626 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

Tgt Ion: 65 Resp: 100554
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

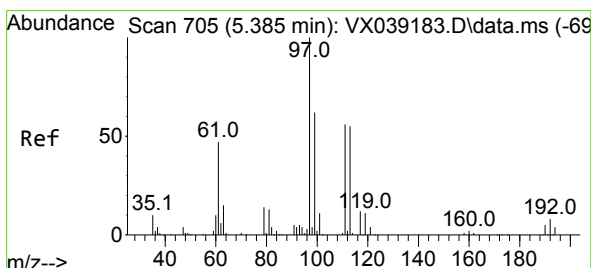
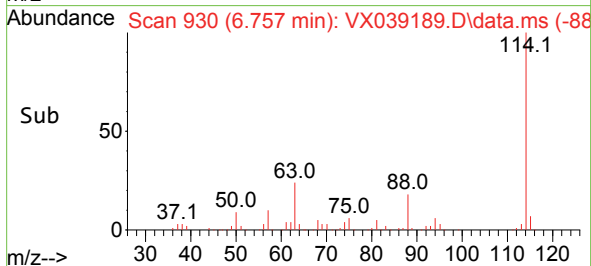
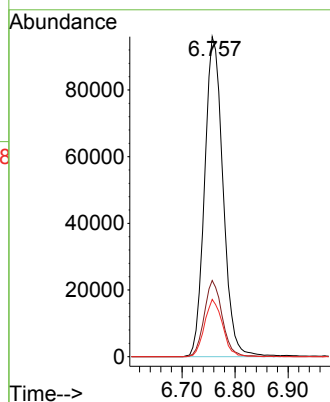
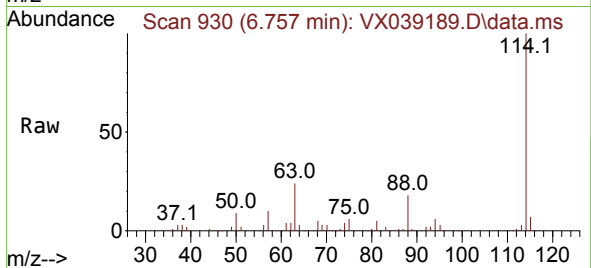




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

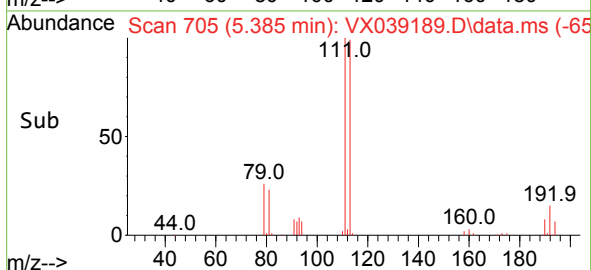
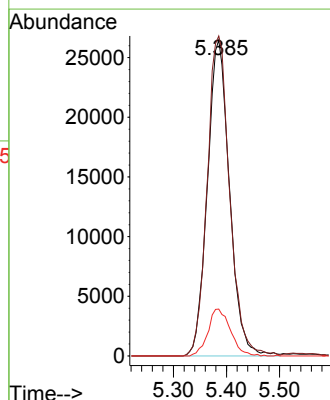
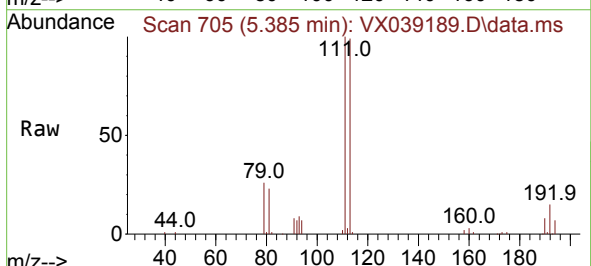
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBL01

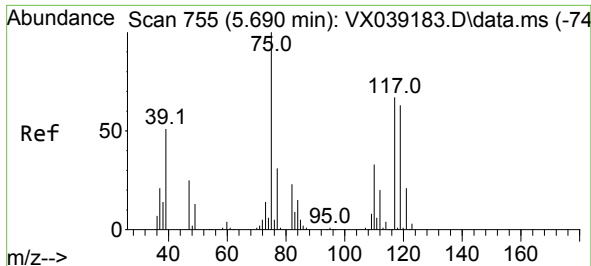
Tgt Ion:114 Resp: 231638
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 17.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.964 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

Tgt Ion:113 Resp: 76755
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 15.1 13.3 19.9

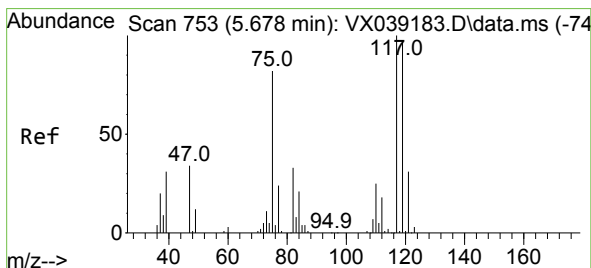
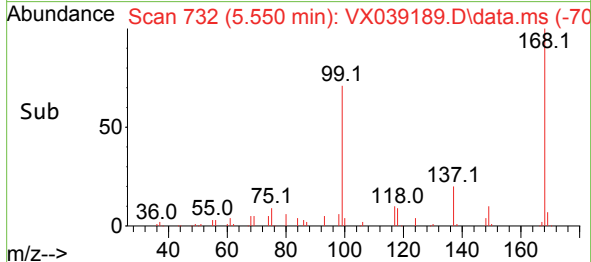
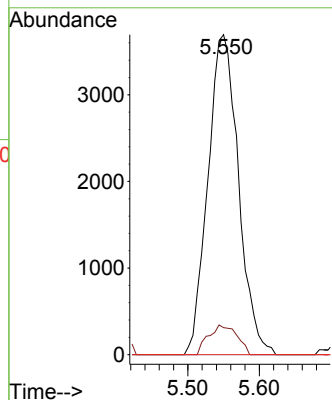
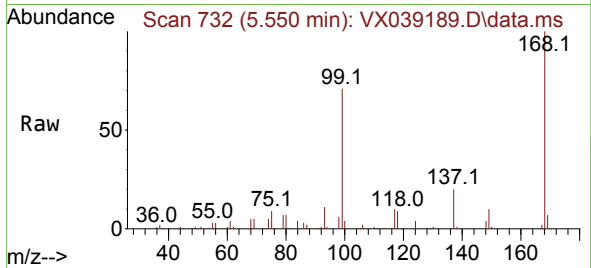




#36
1,1-Dichloropropene
Concen: 4.345 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

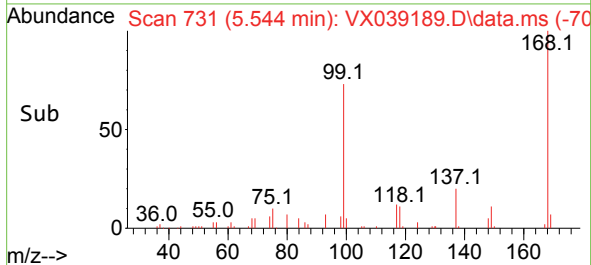
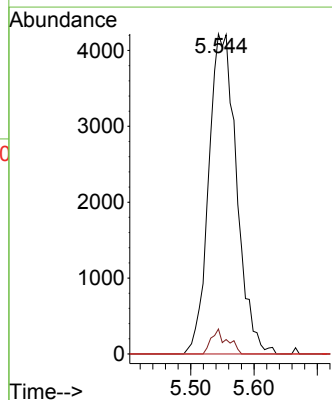
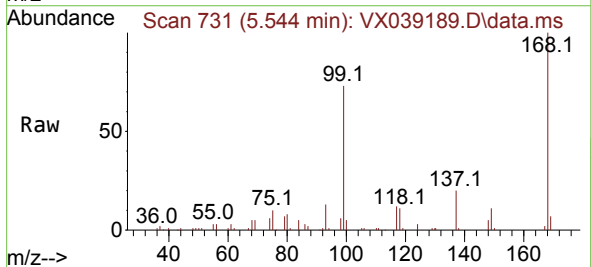
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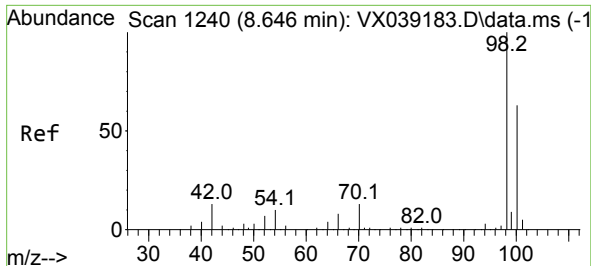
Tgt Ion: 75 Resp: 10973
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.348 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

Tgt Ion: 117 Resp: 12888
Ion Ratio Lower Upper
117 100
119 7.8 78.2 117.2#
121 0.0 24.4 36.6#

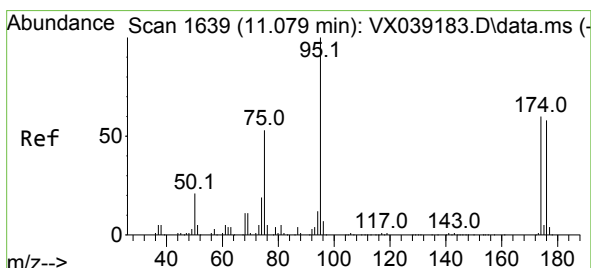
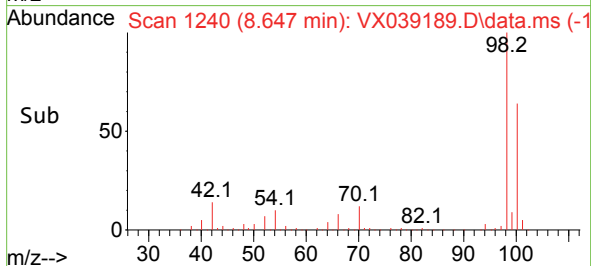
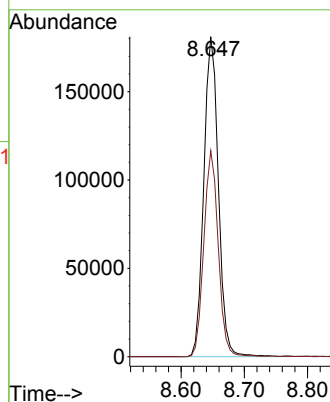
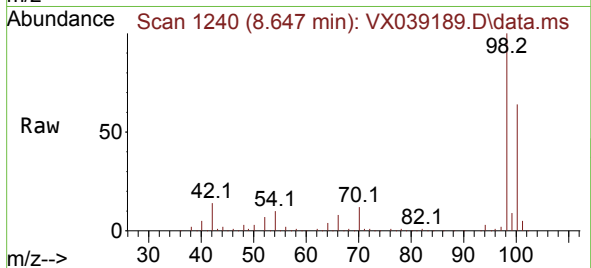




#50
Toluene-d8
Concen: 49.028 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

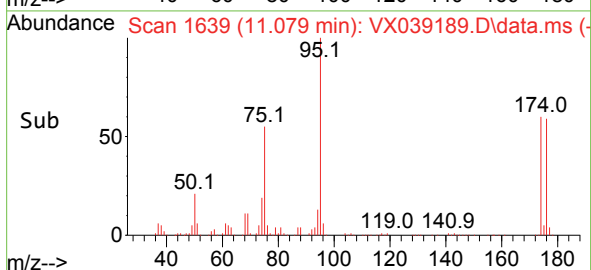
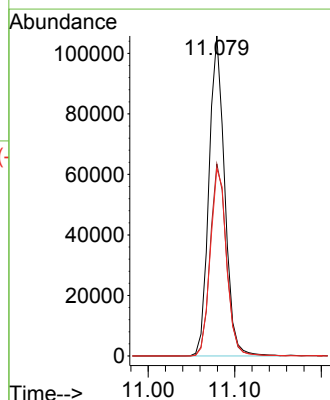
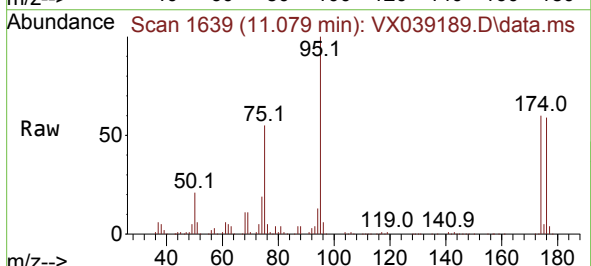
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBL01

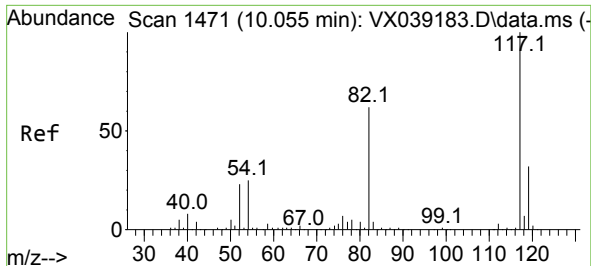
Tgt Ion: 98 Resp: 291276
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

Tgt Ion: 95 Resp: 133027
Ion Ratio Lower Upper
95 100
174 61.6 0.0 135.6
176 60.8 0.0 131.0

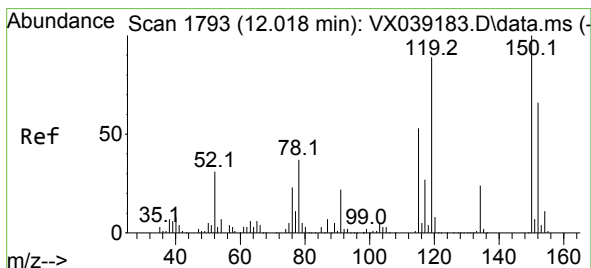
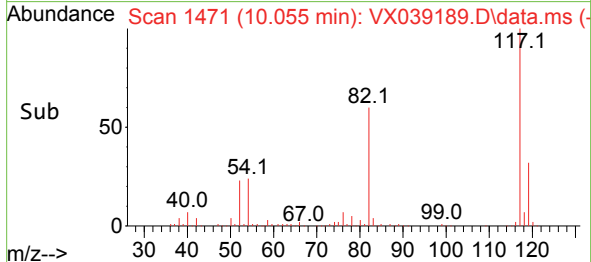
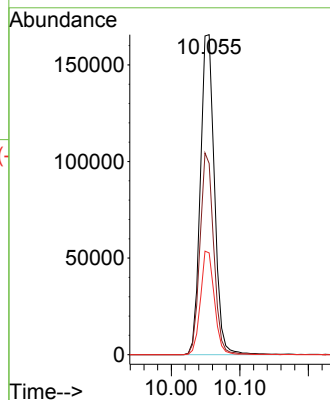
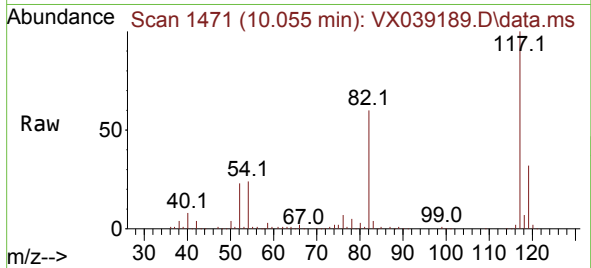




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

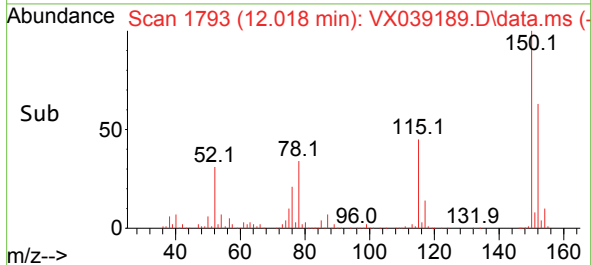
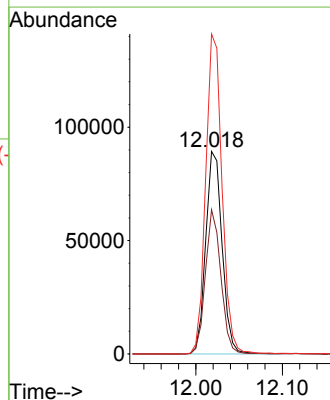
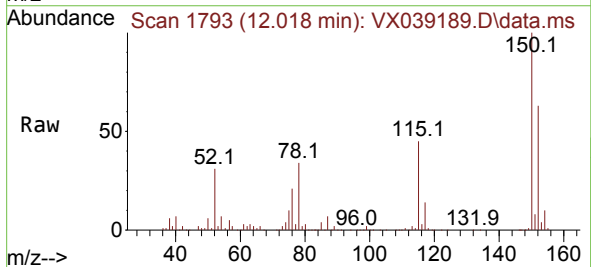
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBL01

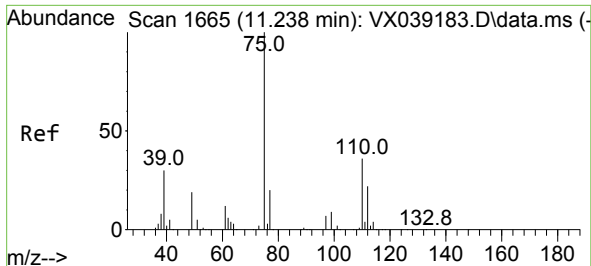
Tgt Ion:117 Resp: 237362
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

Tgt Ion:152 Resp: 117591
Ion Ratio Lower Upper
152 100
115 67.4 43.3 129.9
150 157.1 0.0 345.0

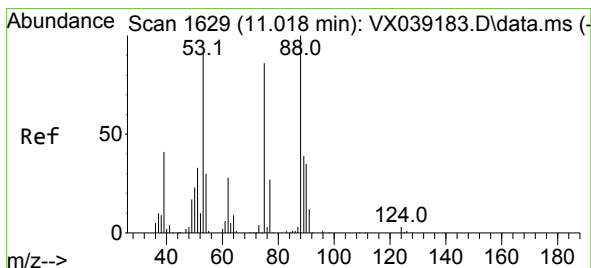
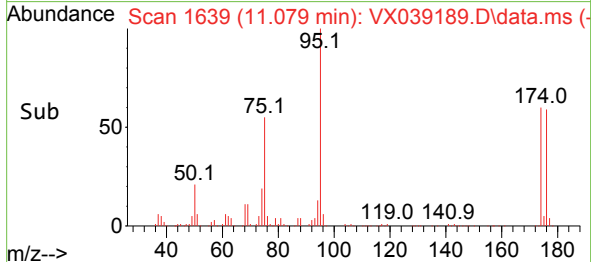
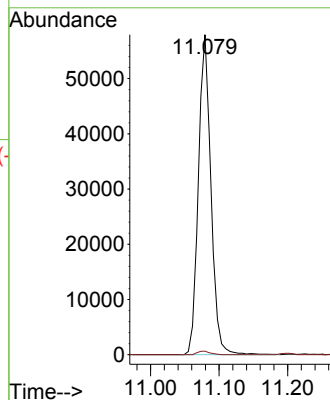
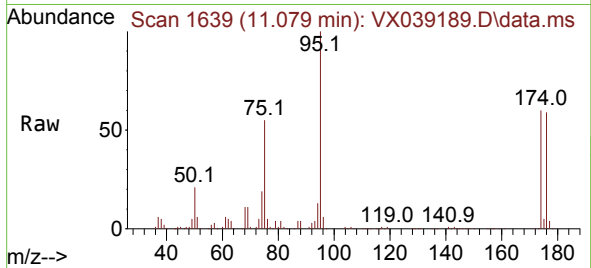




#76
1,2,3-Trichloropropane
Concen: 24.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

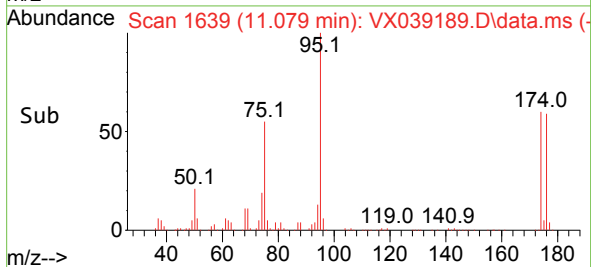
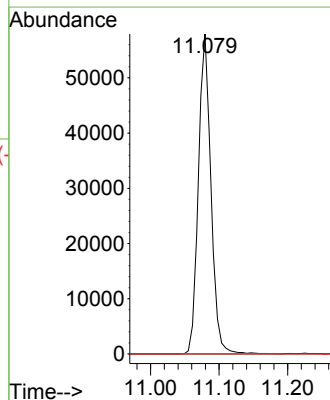
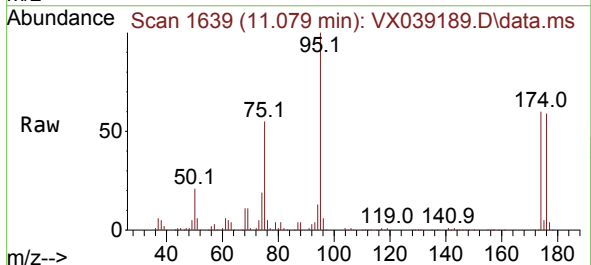
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBL01

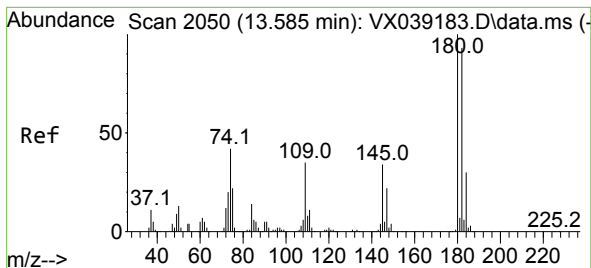
Tgt Ion: 75 Resp: 73981
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039189.D
Acq: 13 Dec 2023 15:11

Tgt Ion: 75 Resp: 73981
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: 0.379 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039189.D

Acq: 13 Dec 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBL01

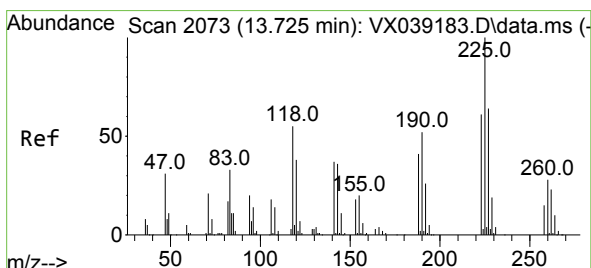
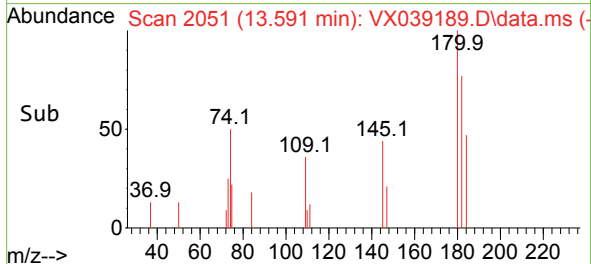
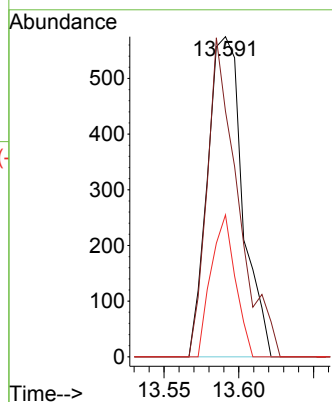
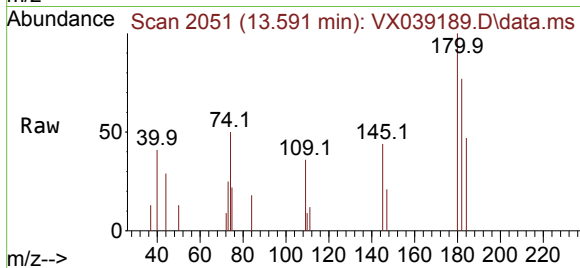
Tgt Ion:180 Resp: 936

Ion Ratio Lower Upper

180 100

182 87.5 48.3 144.8

145 30.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.306 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX039189.D

Acq: 13 Dec 2023 15:11

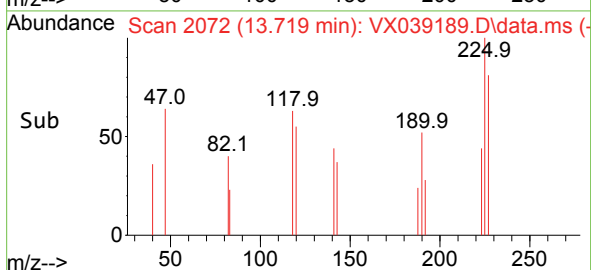
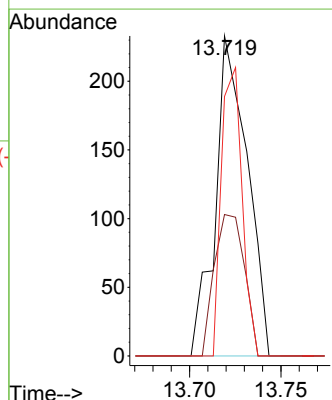
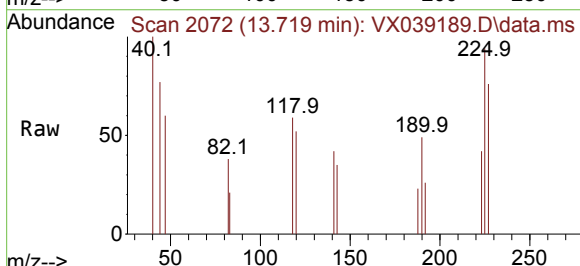
Tgt Ion:225 Resp: 285

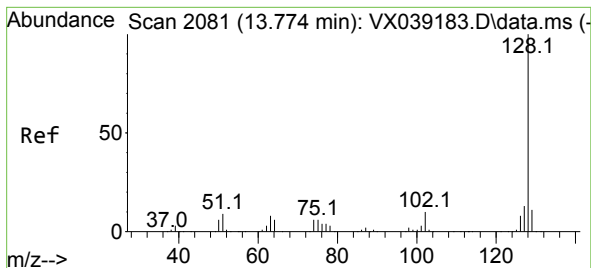
Ion Ratio Lower Upper

225 100

223 41.4 31.1 93.2

227 58.2 32.5 97.5





#95

Naphthalene

Concen: 0.213 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039189.D

Acq: 13 Dec 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBL01

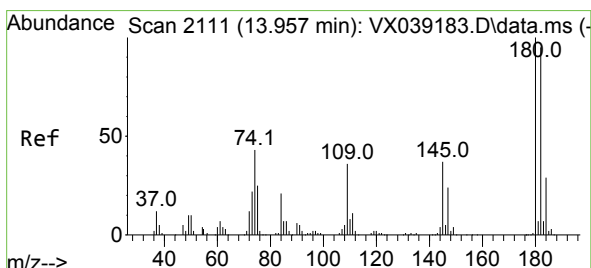
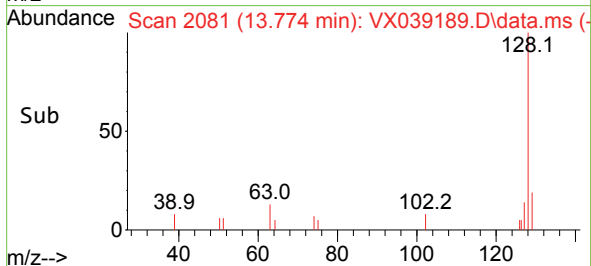
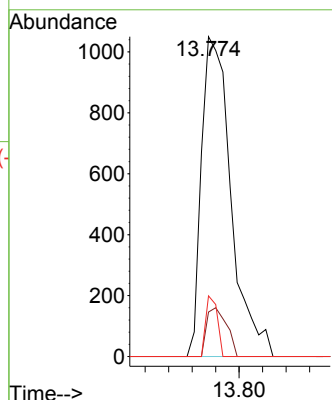
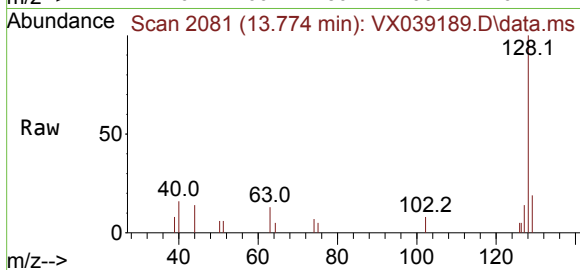
Tgt Ion:128 Resp: 1834

Ion Ratio Lower Upper

128 100

127 10.3 10.3 15.5#

129 7.4 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.266 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039189.D

Acq: 13 Dec 2023 15:11

Tgt Ion:180 Resp: 635

Ion Ratio Lower Upper

180 100

182 96.2 46.9 140.6

145 39.2 17.8 53.5

