

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034918.D
 Acq On : 03 Apr 2023 09:43
 Operator : JC/MD
 Sample : VX0403MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403MBL01

Quant Time: Apr 03 21:32:30 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)

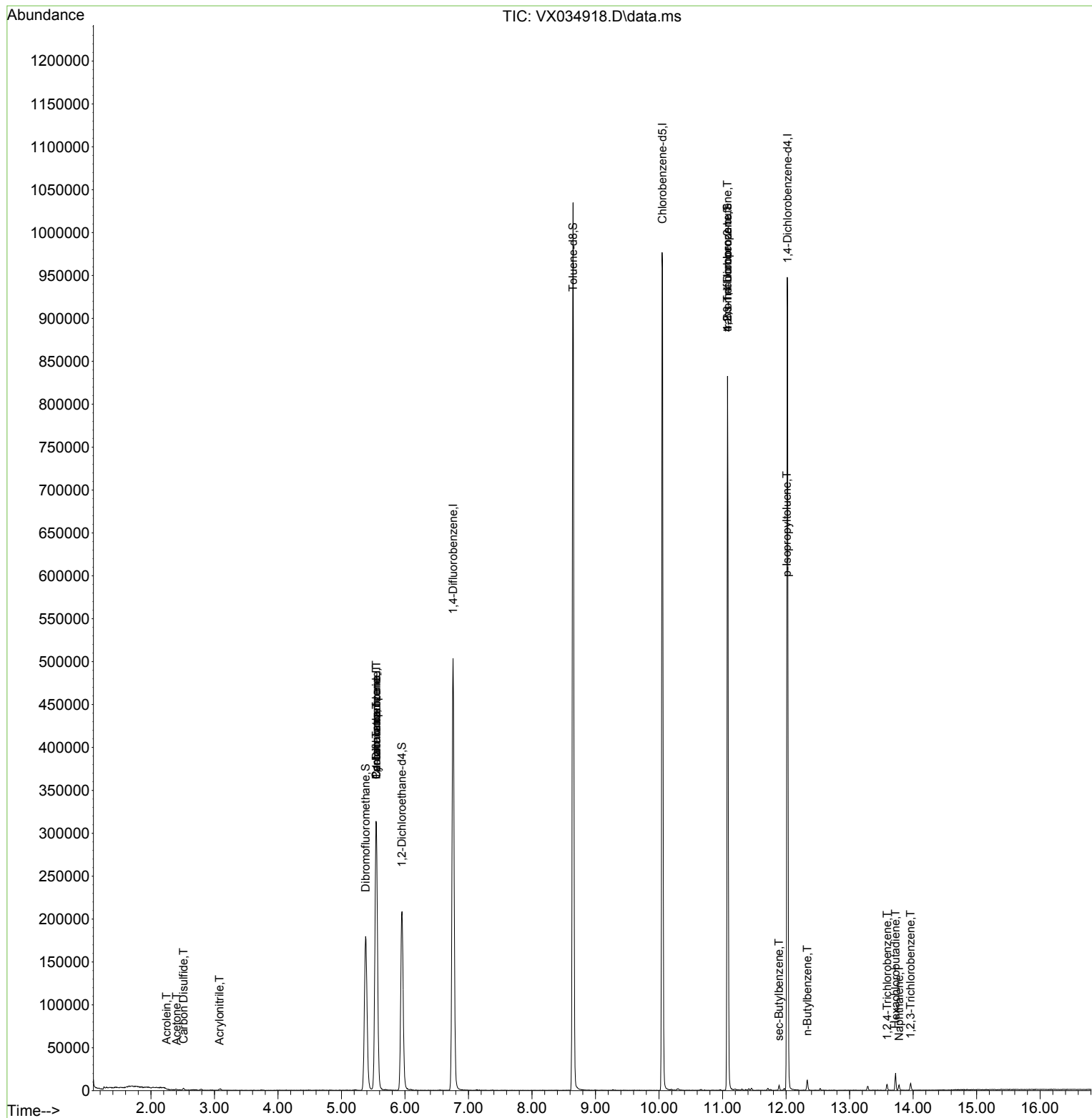
Internal Standards						
1) Pentafluorobenzene	5.550	168	285824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	487223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	432504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	212276	48.562	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.120%		
35) Dibromofluoromethane	5.379	113	156945	48.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.400%		
50) Toluene-d8	8.647	98	582839	49.000	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.000%		
62) 4-Bromofluorobenzene	11.079	95	220765	47.961	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.920%		
Target Compounds					Qvalue	
13) Acrolein	2.246	56	297	0.376	ug/l #	19
15) Acrylonitrile	3.081	53	637	0.369	ug/l #	88
16) Acetone	2.404	43	977	0.550	ug/l	91
17) Carbon Disulfide	2.514	76	2348	0.320	ug/l #	93
31) Cyclohexane	5.550	56	6829	1.283	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	25031	5.243	ug/l #	50
38) Carbon Tetrachloride	5.550	117	31293	6.952	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	119335	30.848	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	119335	92.449	ug/l #	8
85) sec-Butylbenzene	11.890	105	3286	0.245	ug/l	93
86) p-Isopropyltoluene	12.012	119	2586	0.231	ug/l #	65
89) n-Butylbenzene	12.335	91	5027	0.514	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	2007	0.558	ug/l	91
94) Hexachlorobutadiene	13.725	225	2420	1.531	ug/l	94
95) Naphthalene	13.780	128	4427	0.347	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1819	0.502	ug/l	83

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

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Response via : Initial Calibration

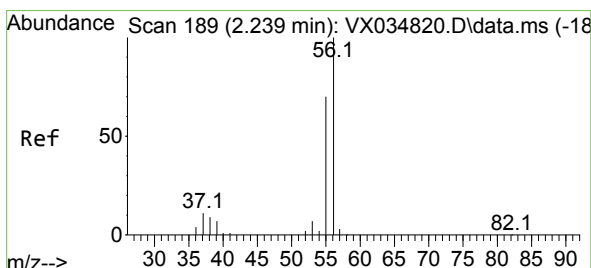
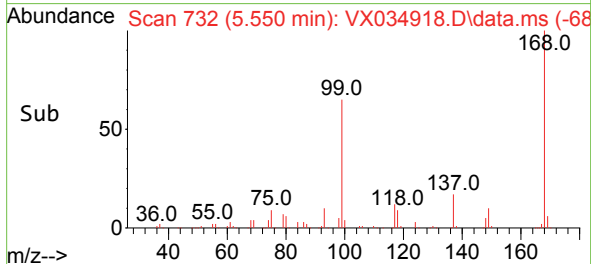
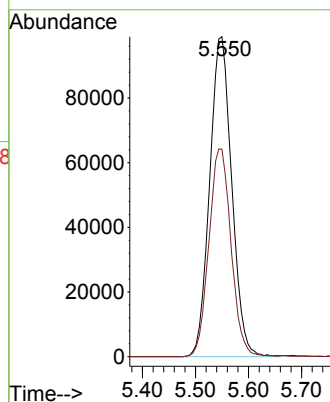
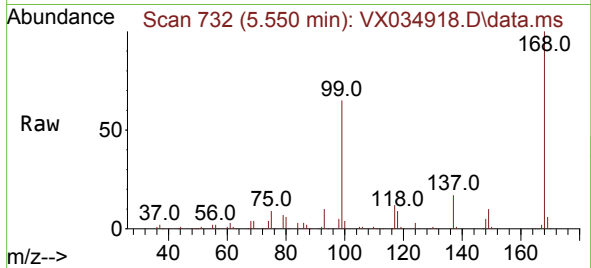




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

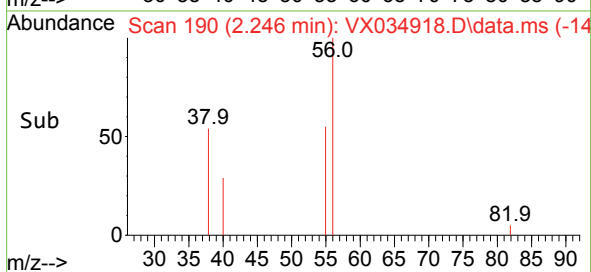
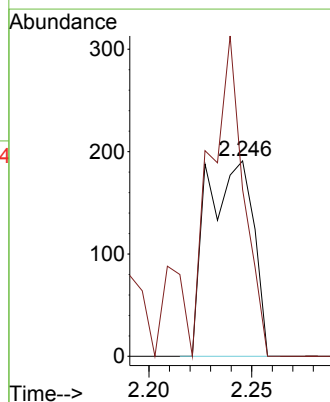
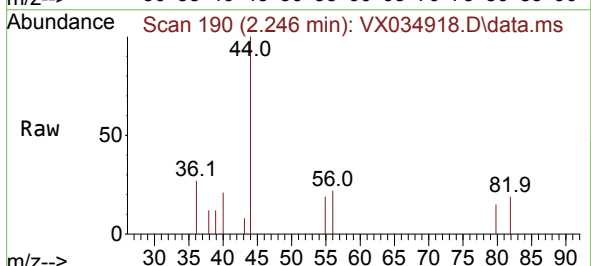
Instrument :
MSVOA_X
ClientSampleId :
VX0403MBL01

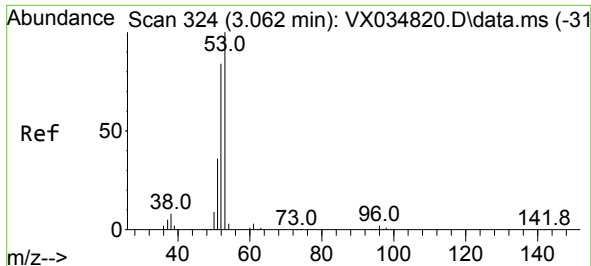
Tgt Ion:168 Resp: 285824
Ion Ratio Lower Upper
168 100
99 64.8 45.7 68.5



#13
Acrolein
Concen: 0.376 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

Tgt Ion: 56 Resp: 297
Ion Ratio Lower Upper
56 100
55 138.0 56.6 85.0#

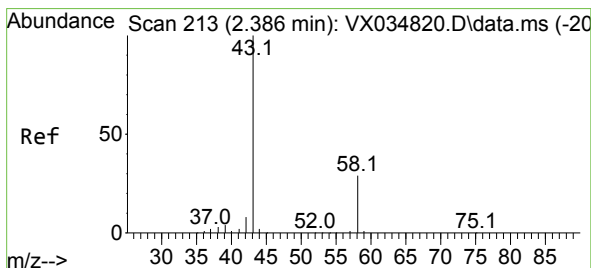
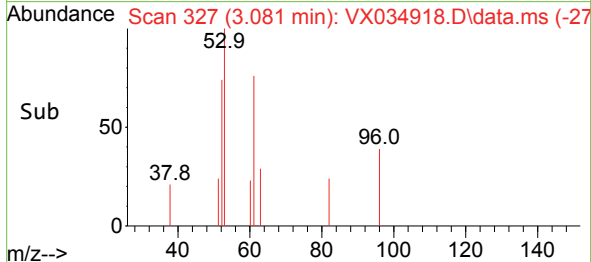
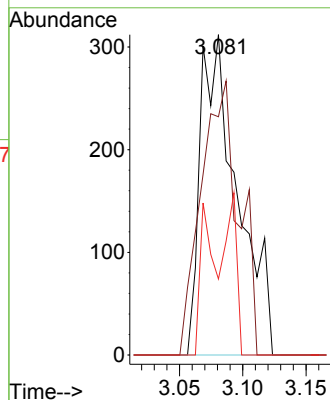
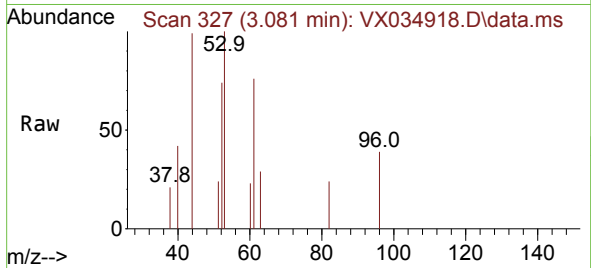




#15
Acrylonitrile
Concen: 0.369 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

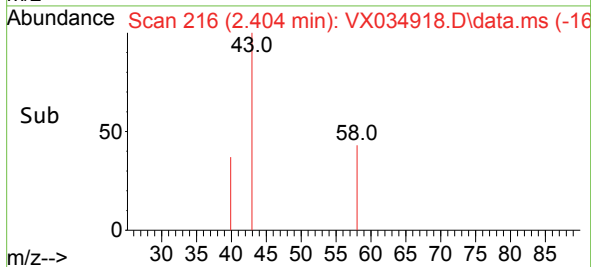
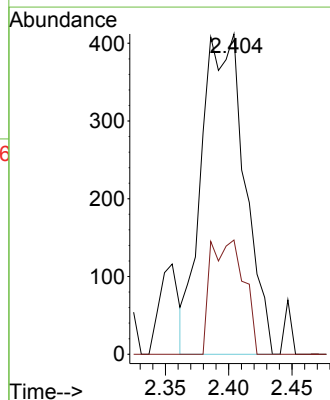
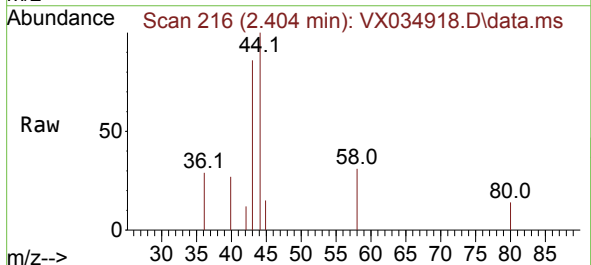
Instrument :
MSVOA_X
ClientSampleId :
VX0403MBL01

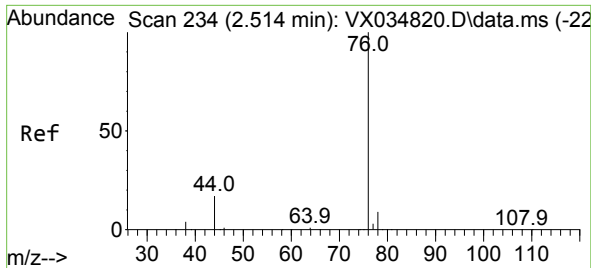
Tgt Ion: 53 Resp: 637
Ion Ratio Lower Upper
53 100
52 86.8 66.2 99.2
51 18.4 28.3 42.5#



#16
Acetone
Concen: 0.550 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
58 35.7 24.7 37.1

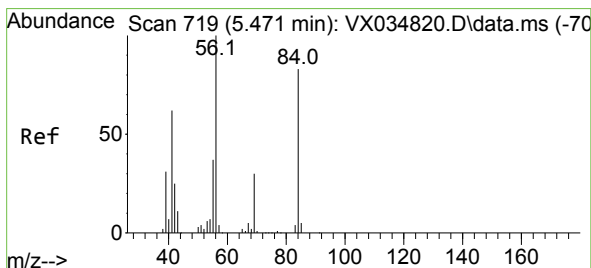
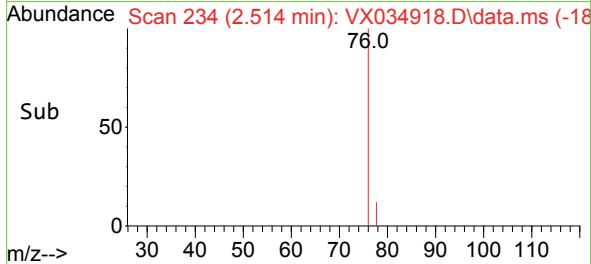
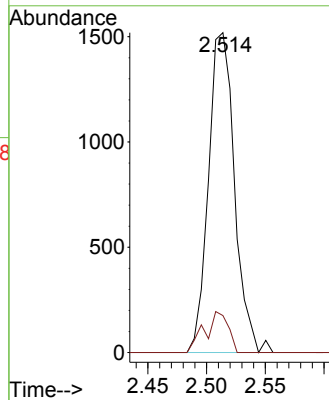
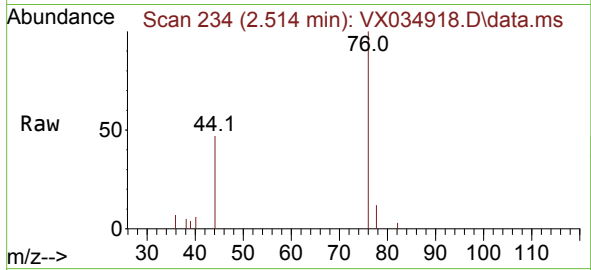




#17
Carbon Disulfide
Concen: 0.320 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

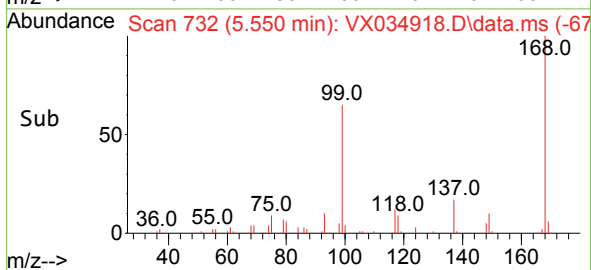
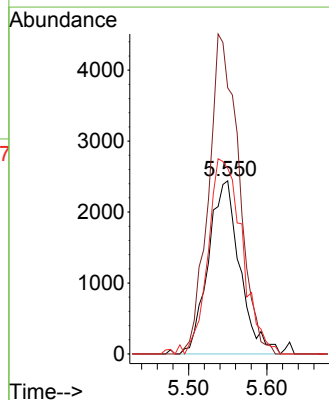
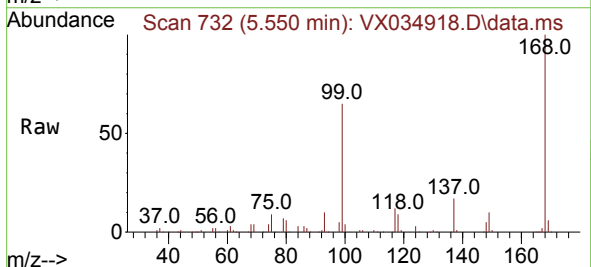
Instrument :
MSVOA_X
ClientSampleId :
VX0403MBL01

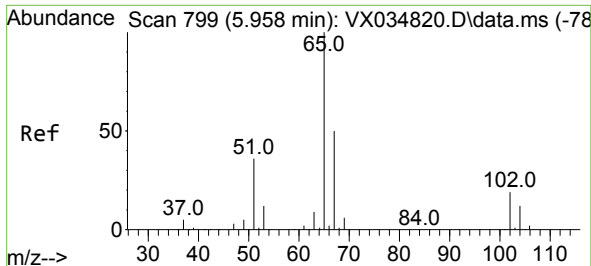
Tgt Ion: 76 Resp: 2348
Ion Ratio Lower Upper
76 100
78 11.6 7.2 10.8#



#31
Cyclohexane
Concen: 1.283 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

Tgt Ion: 56 Resp: 6829
Ion Ratio Lower Upper
56 100
69 153.8 23.7 35.5#
84 107.2 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.562 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX034918.D

Acq: 03 Apr 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

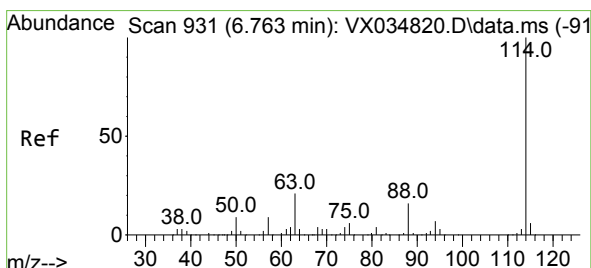
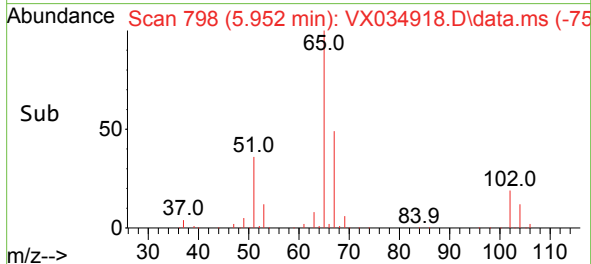
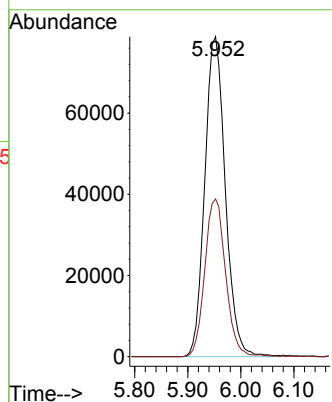
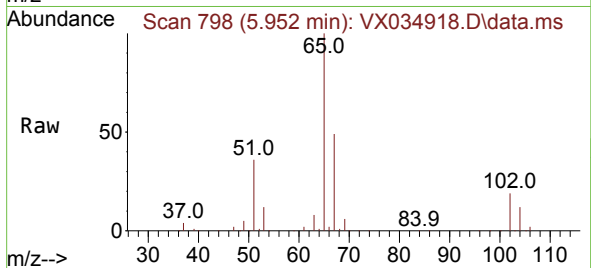
VX0403MBL01

Tgt Ion: 65 Resp: 212276

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034918.D

Acq: 03 Apr 2023 09:43

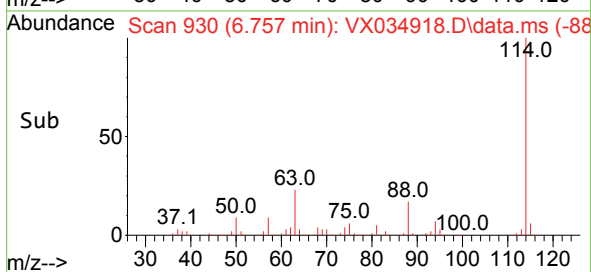
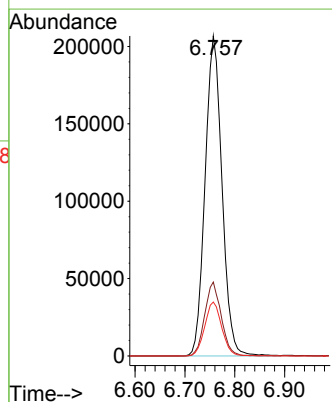
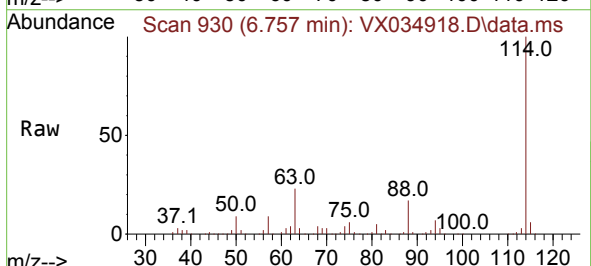
Tgt Ion: 114 Resp: 487223

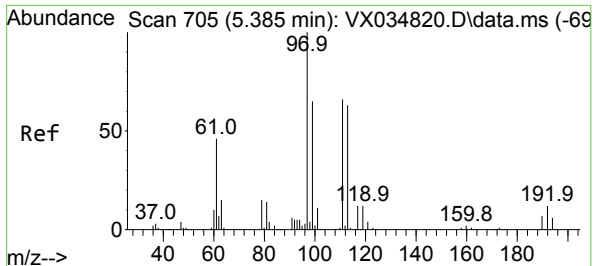
Ion Ratio Lower Upper

114 100

63 23.1 0.0 42.2

88 16.9 0.0 33.2

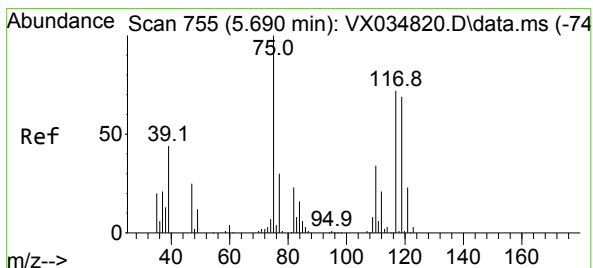
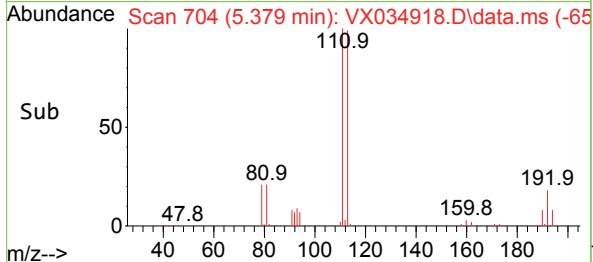
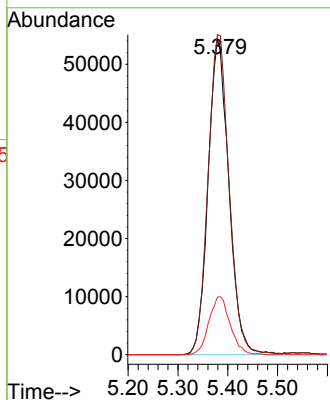
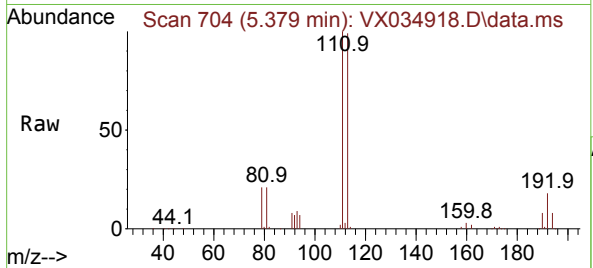




#35
Dibromofluoromethane
Concen: 48.701 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

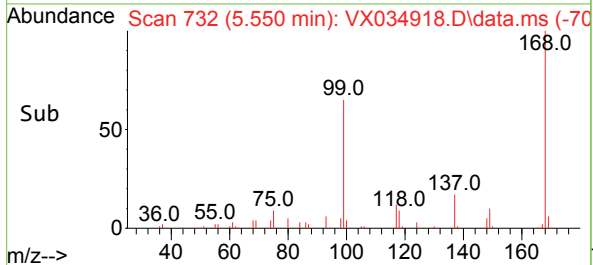
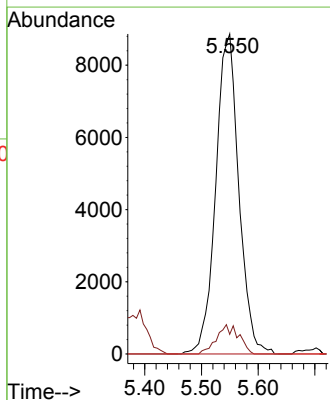
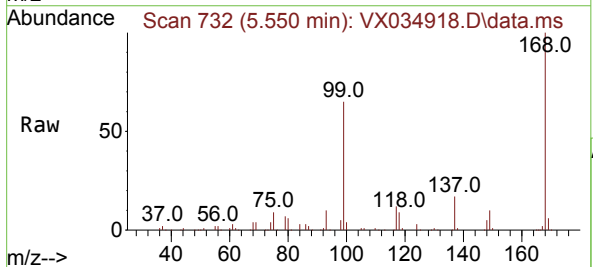
Instrument :
MSVOA_X
ClientSampleId :
VX0403MBL01

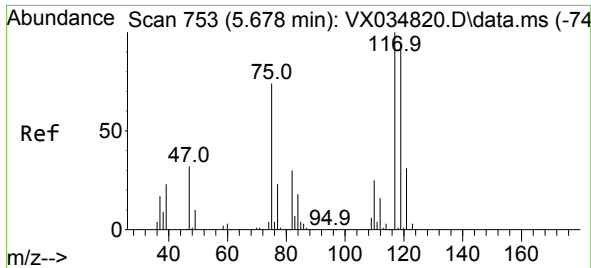
Tgt Ion:113 Resp: 156945
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.243 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

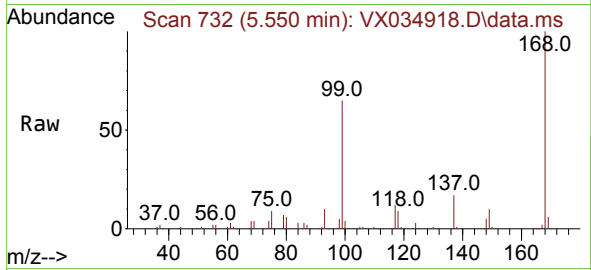
Tgt Ion: 75 Resp: 25031
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.3 36.5#



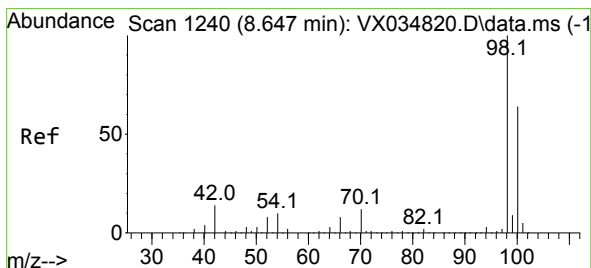
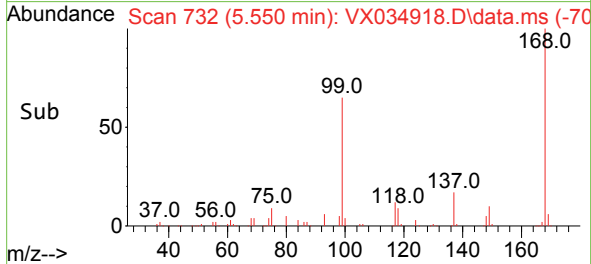
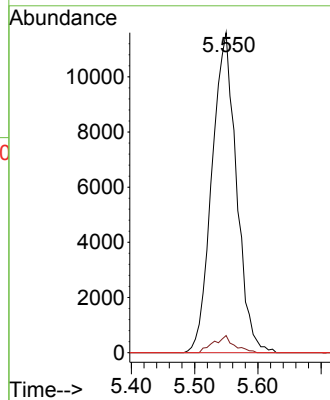


#38
Carbon Tetrachloride
Concen: 6.952 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

Instrument :
MSVOA_X
ClientSampleId :
VX0403MBL01

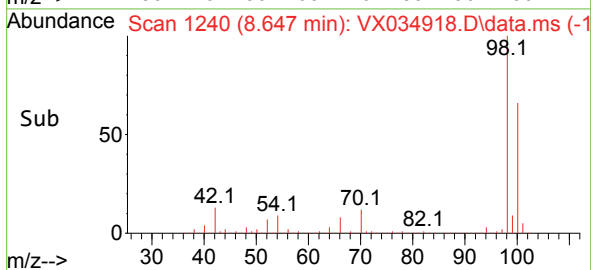
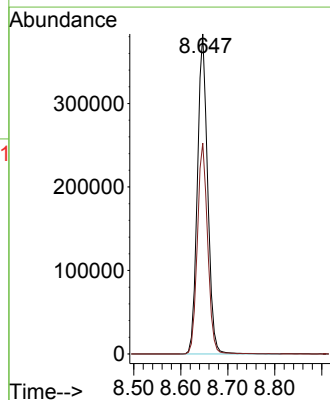
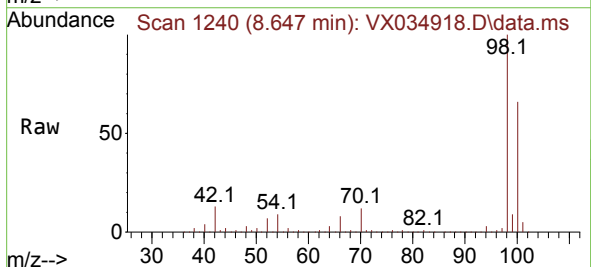


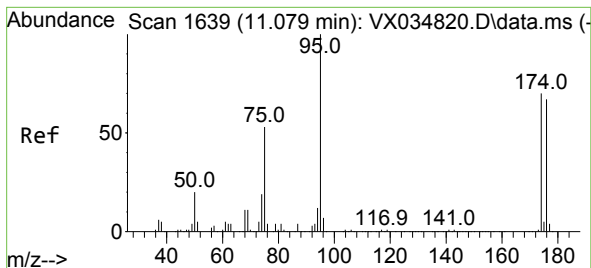
Tgt Ion:117 Resp: 31293
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.000 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

Tgt Ion: 98 Resp: 582839
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

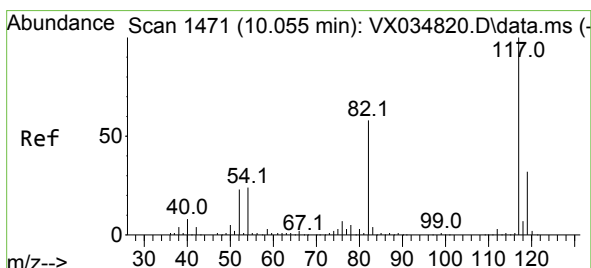
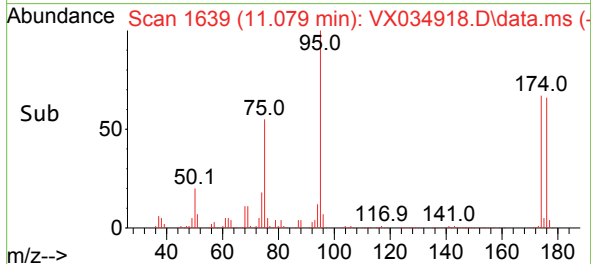
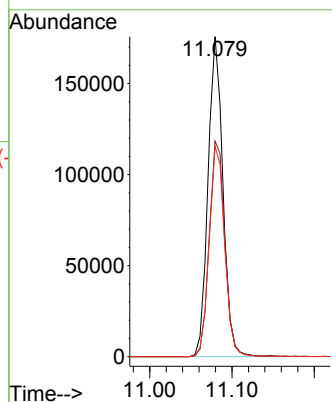
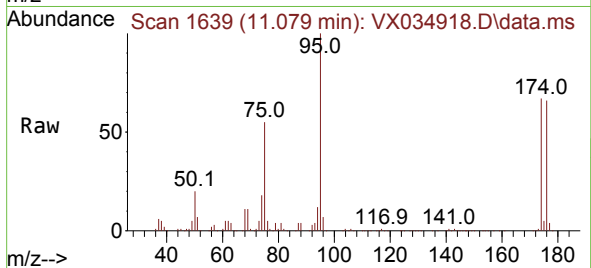




#62
4-Bromofluorobenzene
Concen: 47.961 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

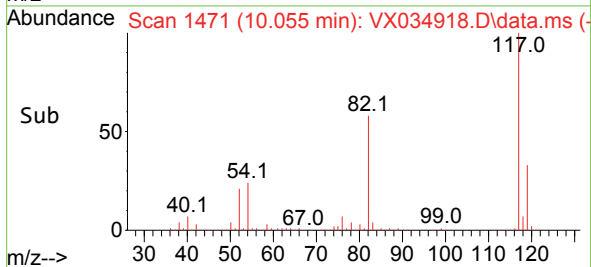
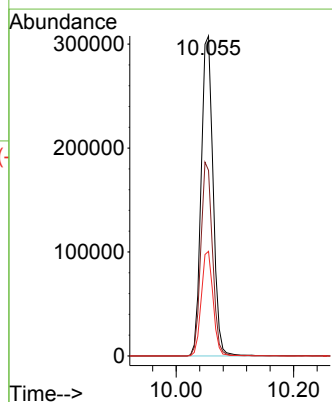
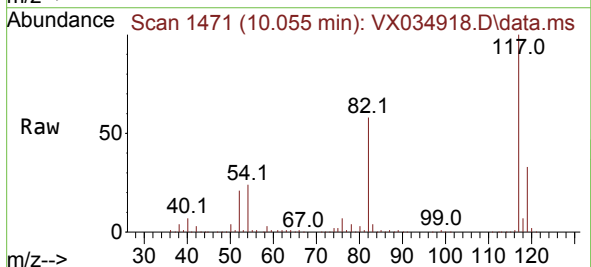
Instrument :
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VX0403MBL01

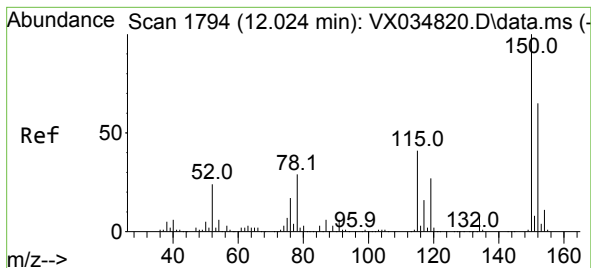
Tgt Ion: 95 Resp: 220765
Ion Ratio Lower Upper
95 100
174 70.9 0.0 147.4
176 68.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

Tgt Ion: 117 Resp: 432504
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.7 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: VX034918.D

Acq: 03 Apr 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

VX0403MBL01

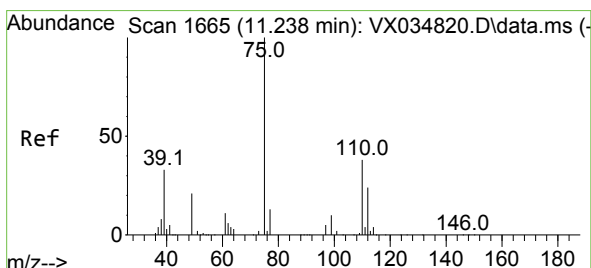
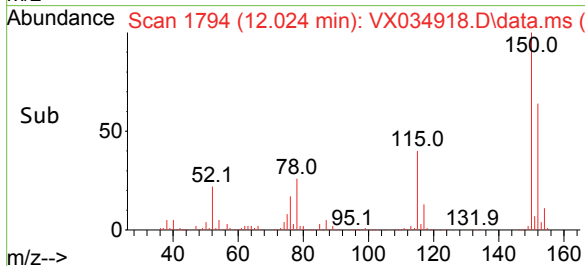
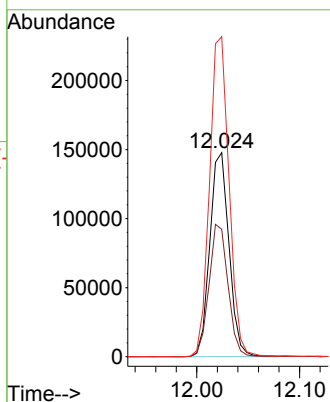
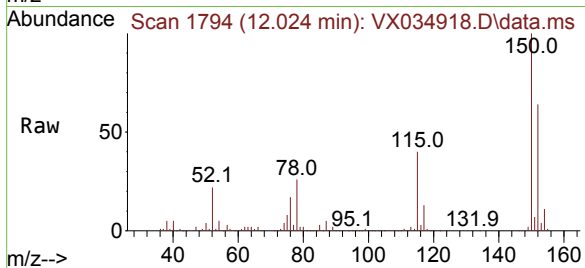
Tgt Ion:152 Resp: 191991

Ion Ratio Lower Upper

152 100

115 64.5 45.0 135.0

150 159.5 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 30.848 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034918.D

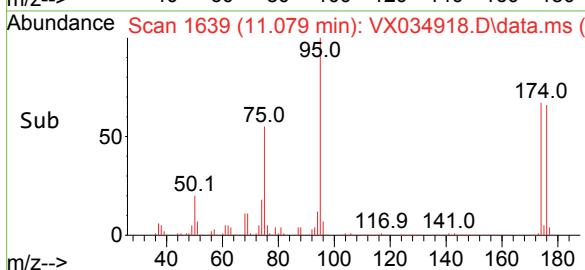
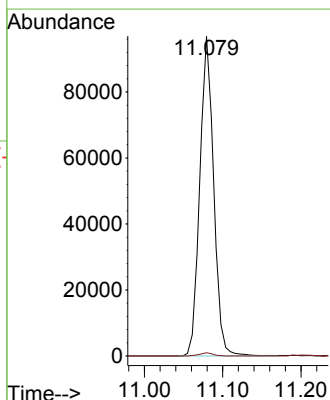
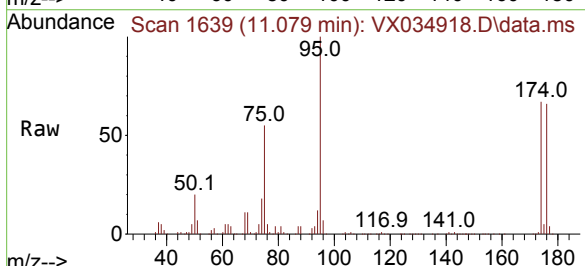
Acq: 03 Apr 2023 09:43

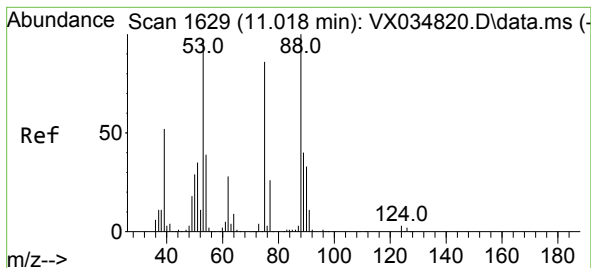
Tgt Ion: 75 Resp: 119335

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#

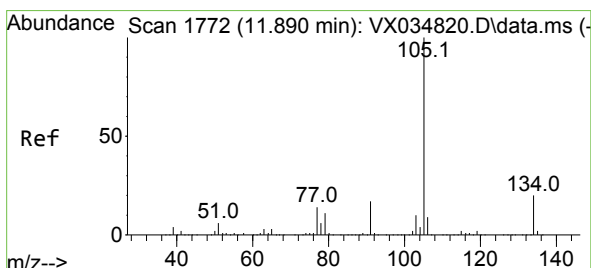
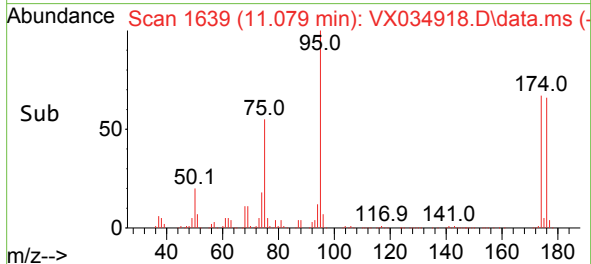
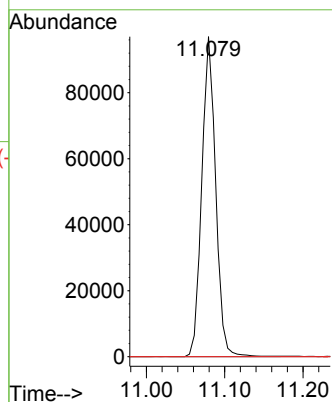
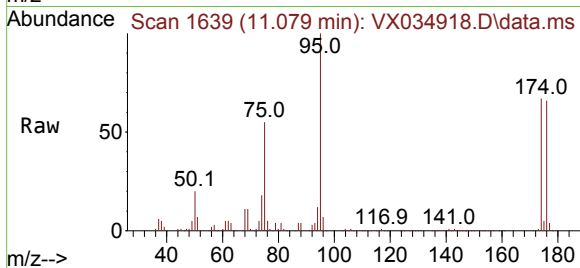




#81
trans-1,4-Dichloro-2-butene
Concen: 92.449 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

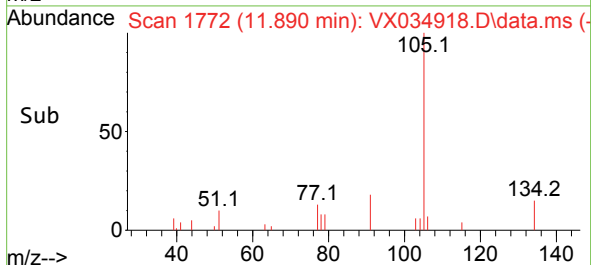
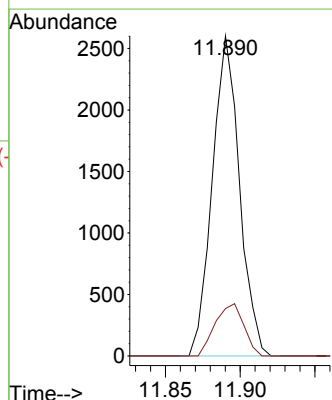
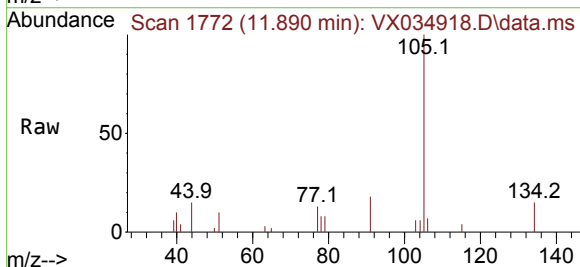
Instrument :
MSVOA_X
ClientSampleId :
VX0403MBL01

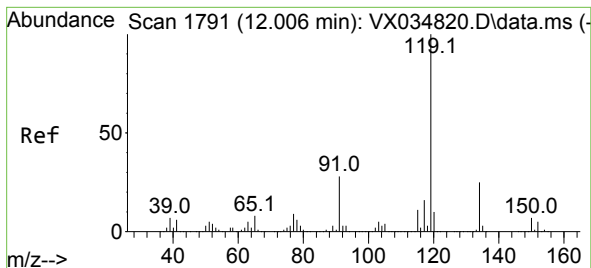
Tgt Ion: 75 Resp: 119335
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#85
sec-Butylbenzene
Concen: 0.245 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX034918.D
Acq: 03 Apr 2023 09:43

Tgt Ion: 105 Resp: 3286
Ion Ratio Lower Upper
105 100
134 17.2 10.2 30.4





#86

p-Isopropyltoluene

Concen: 0.231 ug/l

RT: 12.012 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034918.D

Acq: 03 Apr 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

VX0403MBL01

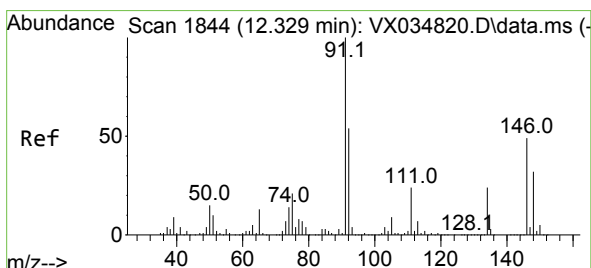
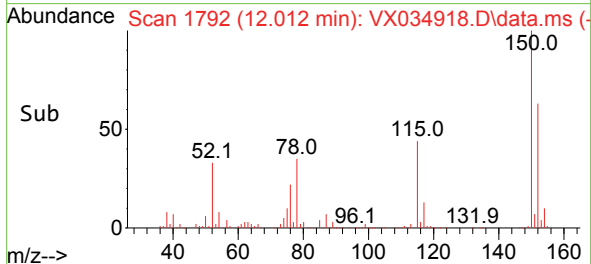
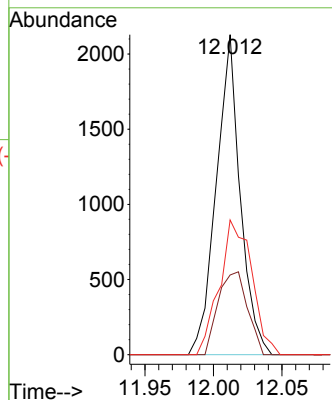
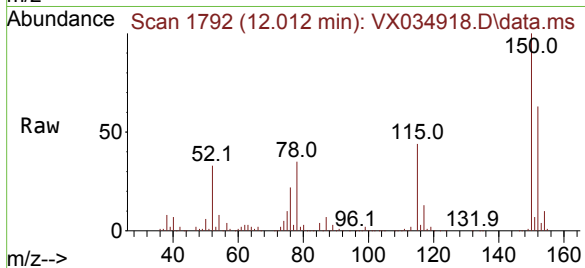
Tgt Ion:119 Resp: 2586

Ion Ratio Lower Upper

119 100

134 31.7 13.2 39.5

91 56.8 12.9 38.7#



#89

n-Butylbenzene

Concen: 0.514 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034918.D

Acq: 03 Apr 2023 09:43

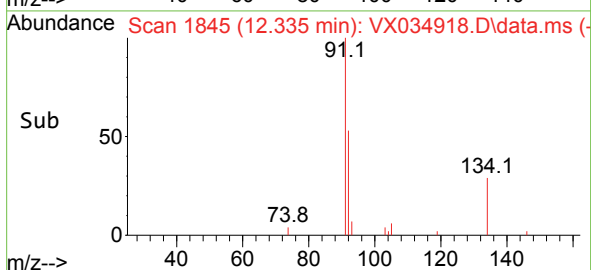
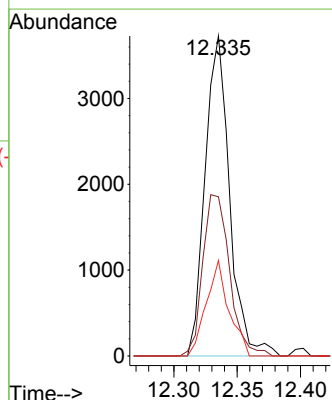
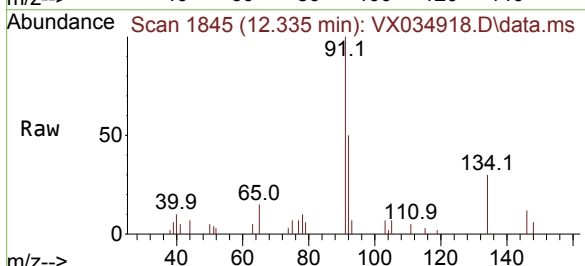
Tgt Ion: 91 Resp: 5027

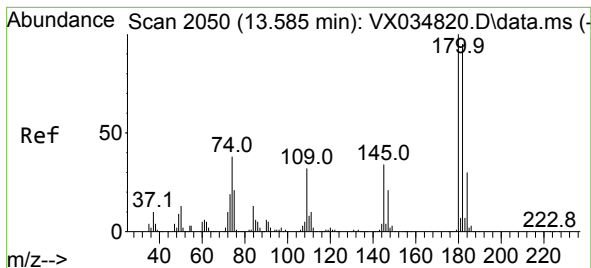
Ion Ratio Lower Upper

91 100

92 55.2 27.7 83.0

134 27.5 13.0 38.9





#93

1,2,4-Trichlorobenzene

Concen: 0.558 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034918.D

Acq: 03 Apr 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

VX0403MBL01

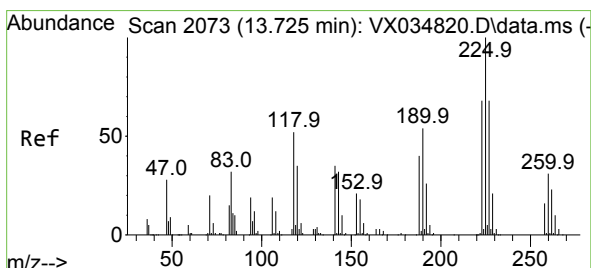
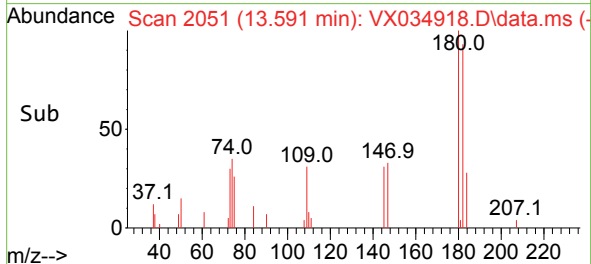
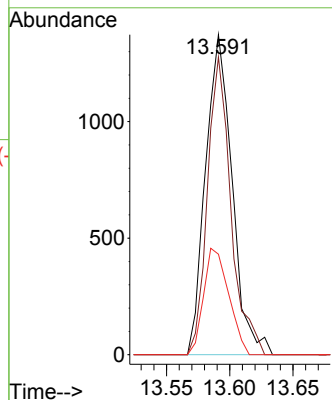
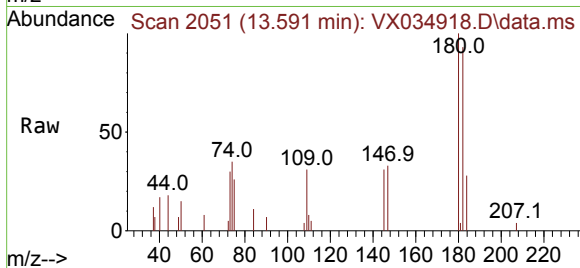
Tgt Ion:180 Resp: 2007

Ion Ratio Lower Upper

180 100

182 82.2 47.0 141.0

145 31.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 1.531 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034918.D

Acq: 03 Apr 2023 09:43

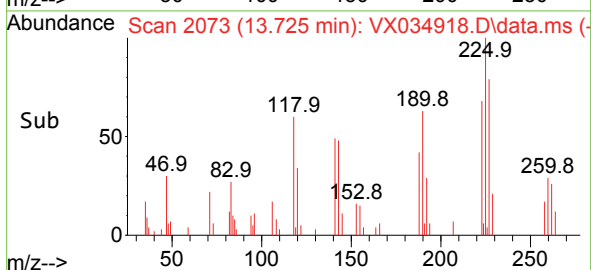
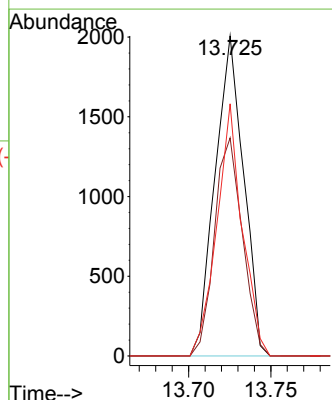
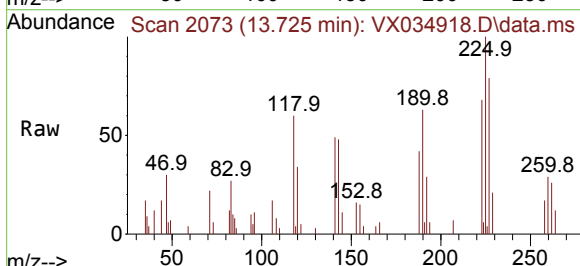
Tgt Ion:225 Resp: 2420

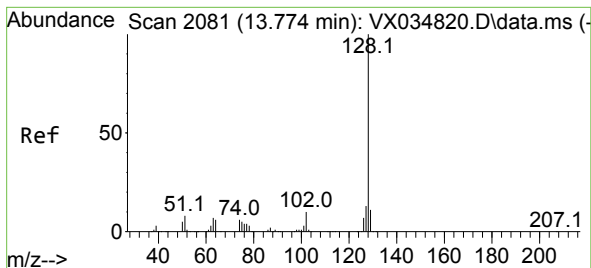
Ion Ratio Lower Upper

225 100

223 67.0 32.1 96.5

227 70.7 31.8 95.4





#95

Naphthalene

Concen: 0.347 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034918.D

Acq: 03 Apr 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

VX0403MBL01

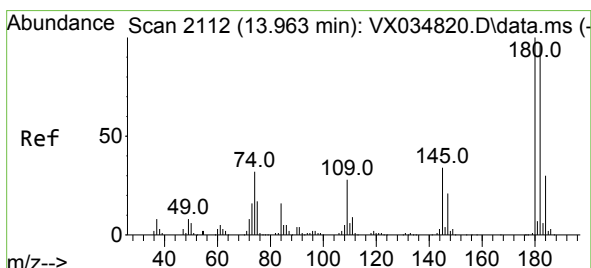
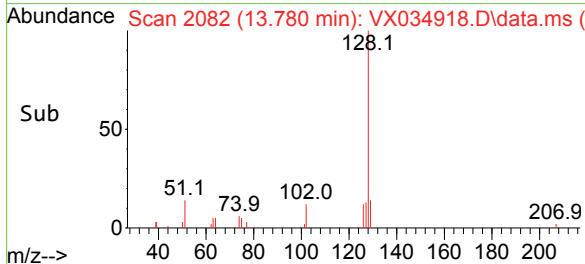
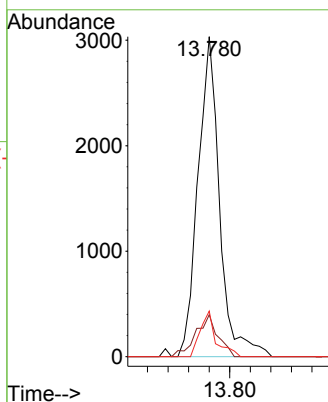
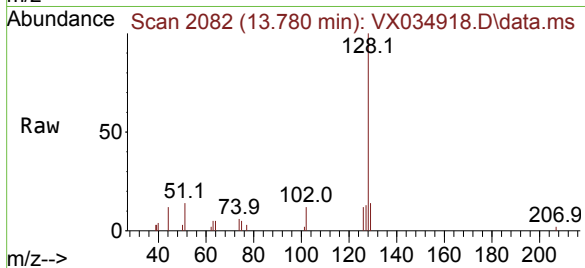
Tgt Ion:128 Resp: 4427

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.502 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034918.D

Acq: 03 Apr 2023 09:43

Tgt Ion:180 Resp: 1819

Ion Ratio Lower Upper

180 100

182 113.0 48.0 144.2

145 45.5 17.7 53.1

