

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034450.D
 Acq On : 14 Mar 2023 09:22
 Operator : JC/MD
 Sample : VX0314MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314MBL01

Quant Time: Mar 15 06:34:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

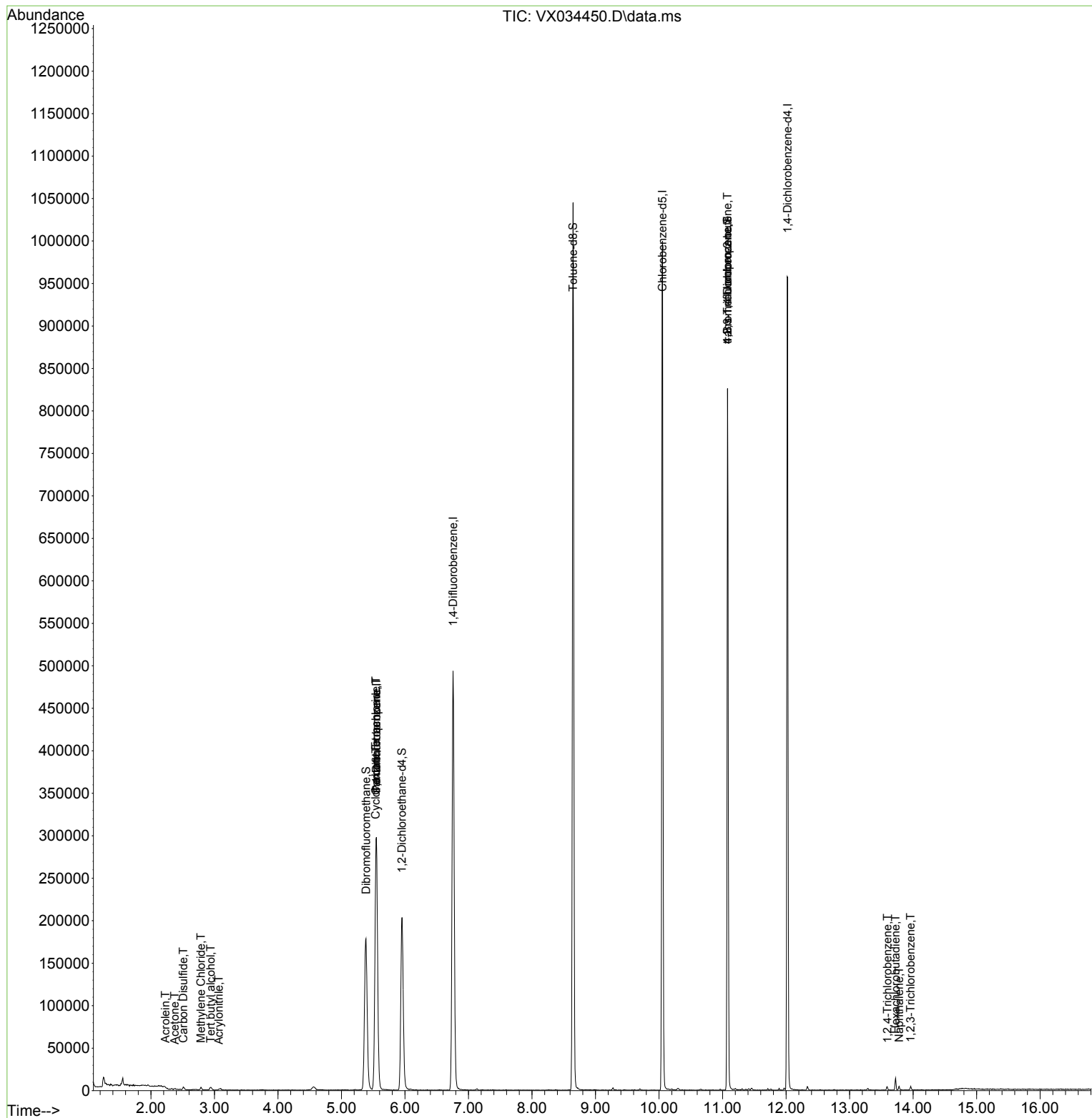
Internal Standards						
1) Pentafluorobenzene	5.550	168	285881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	499079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	441691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193035	46.414	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.820%		
35) Dibromofluoromethane	5.385	113	159286	48.339	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.680%		
50) Toluene-d8	8.647	98	600890	48.849	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.700%		
62) 4-Bromofluorobenzene	11.079	95	210485	42.362	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.720%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	677	Below Cal		90
11) Tert butyl alcohol	2.940	59	2324	2.683 ug/l #		73
13) Acrolein	2.227	56	556	0.811 ug/l #		80
15) Acrylonitrile	3.068	53	771	0.412 ug/l		92
16) Acetone	2.373	43	1323	0.675 ug/l #		82
17) Carbon Disulfide	2.508	76	3602	0.409 ug/l		100
20) Methylene Chloride	2.788	84	1063	0.280 ug/l #		89
31) Cyclohexane	5.538	56	6588	1.129 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	23984	4.739 ug/l #		50
38) Carbon Tetrachloride	5.544	117	29008	5.761 ug/l #		16
76) 1,2,3-Trichloropropane	11.079	75	110675	24.445 ug/l #		34
81) trans-1,4-Dichloro-2-b...	11.079	75	110675	66.130 ug/l #		8
93) 1,2,4-Trichlorobenzene	13.597	180	1220	0.282 ug/l		91
94) Hexachlorobutadiene	13.725	225	1794	1.029 ug/l		95
95) Naphthalene	13.780	128	3460	0.238 ug/l		98
96) 1,2,3-Trichlorobenzene	13.963	180	1253	0.296 ug/l		93

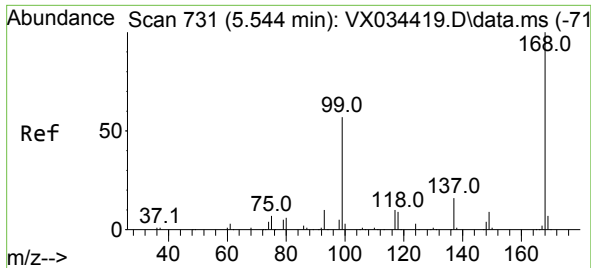
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 06:34:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
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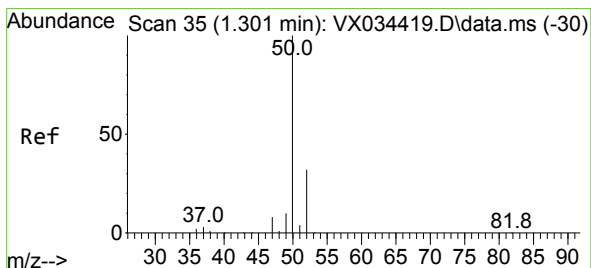
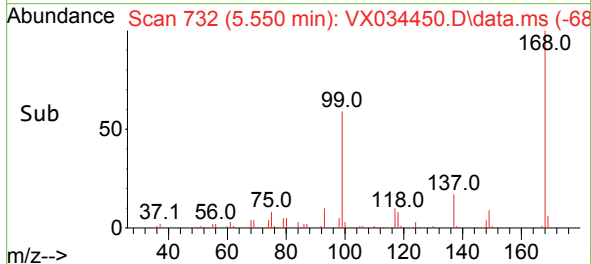
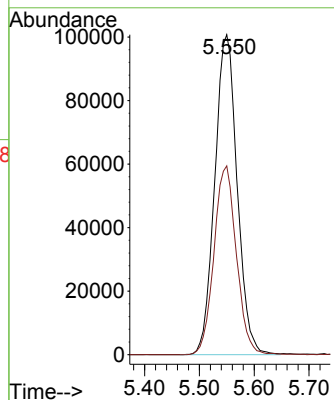
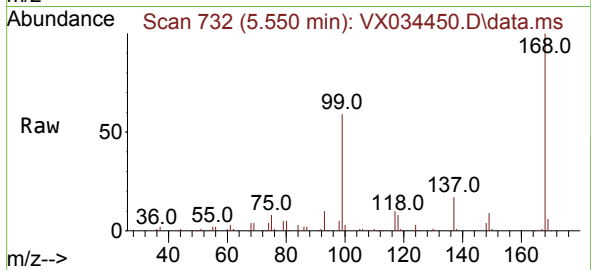




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

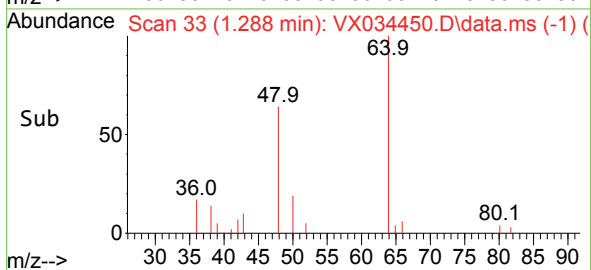
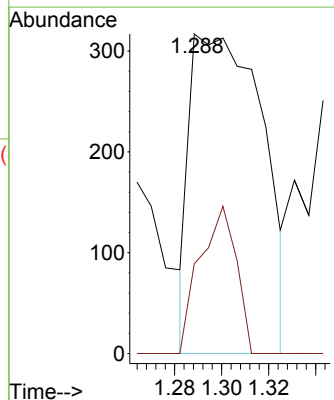
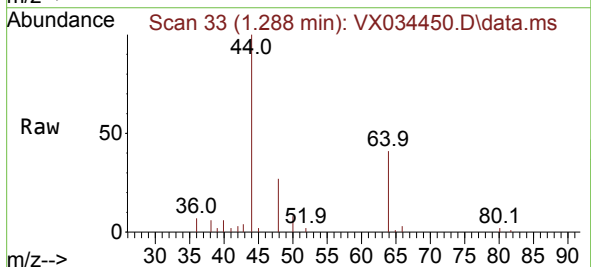
Instrument :
MSVOA_X
ClientSampleId :
VX0314MBL01

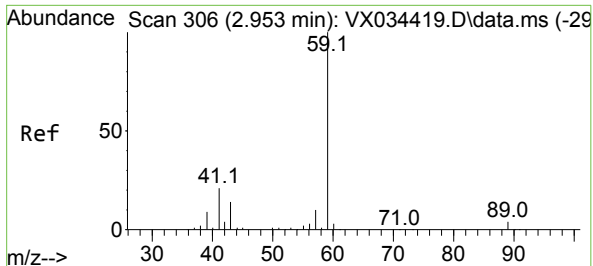
Tgt Ion:168 Resp: 285881
Ion Ratio Lower Upper
168 100
99 59.0 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

Tgt Ion: 50 Resp: 677
Ion Ratio Lower Upper
50 100
52 38.0 25.9 38.9

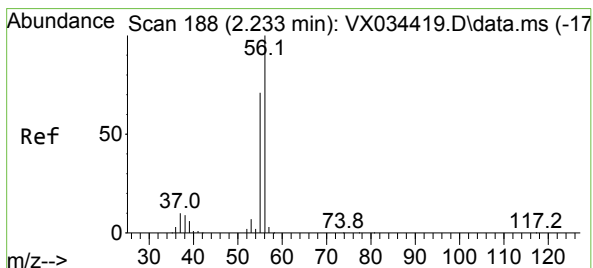
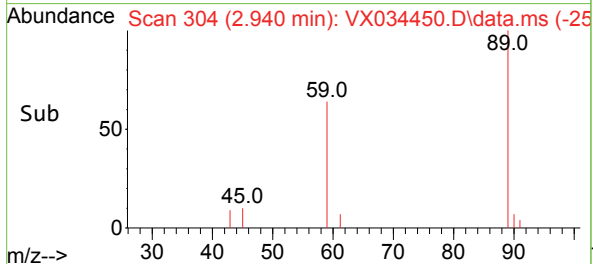
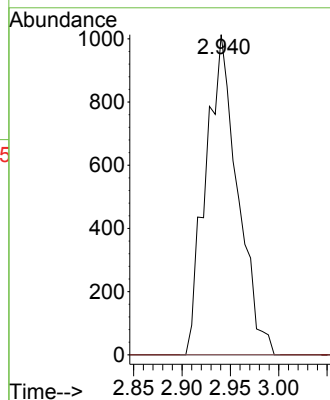
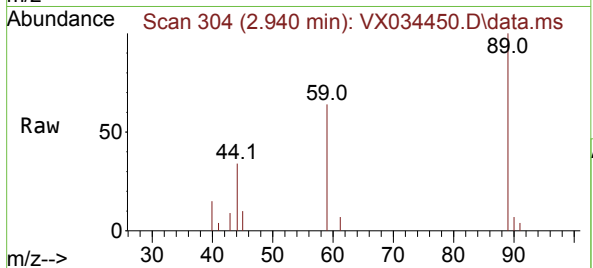




#11
Tert butyl alcohol
Concen: 2.683 ug/l
RT: 2.940 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

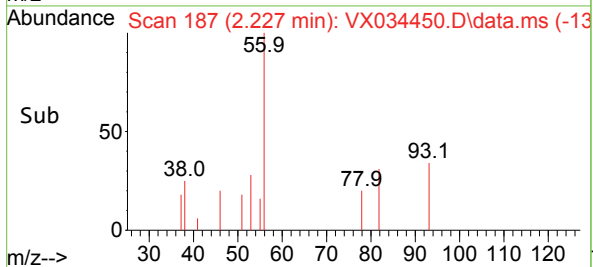
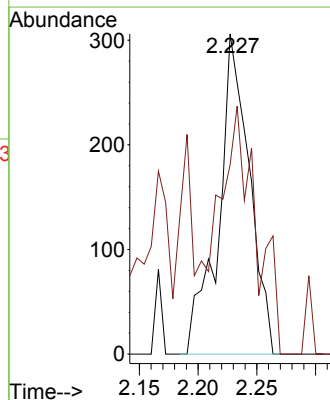
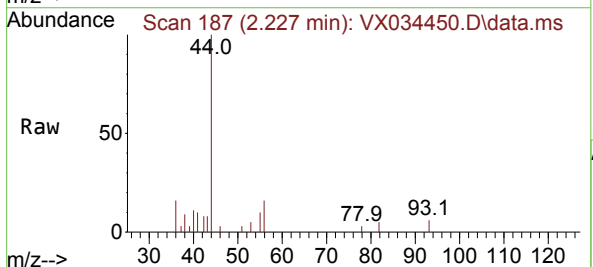
Instrument :
MSVOA_X
ClientSampleId :
VX0314MBL01

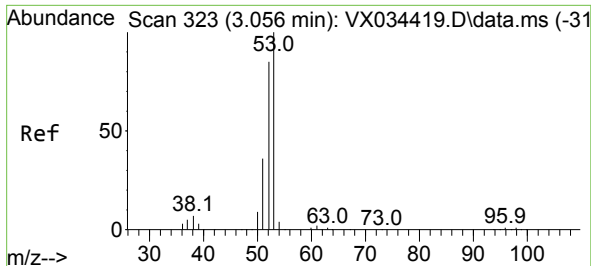
Tgt Ion: 59 Resp: 2324
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.811 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

Tgt Ion: 56 Resp: 556
Ion Ratio Lower Upper
56 100
55 87.6 56.6 85.0#

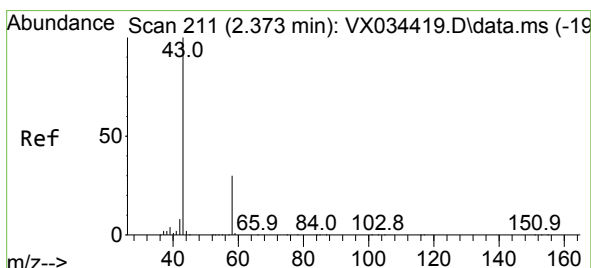
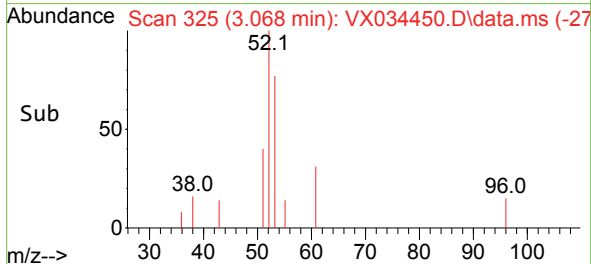
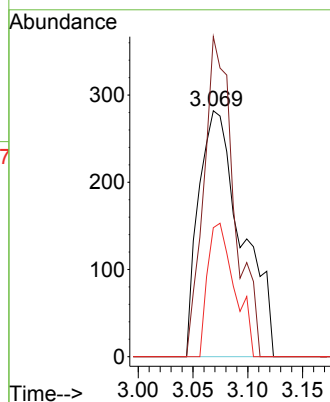
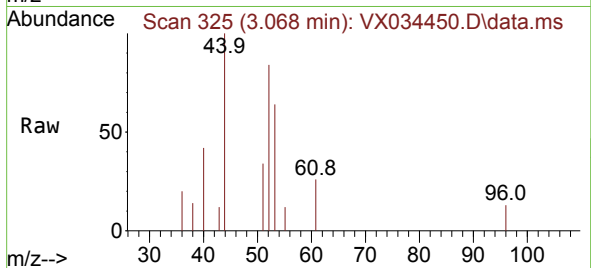




#15
Acrylonitrile
Concen: 0.412 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

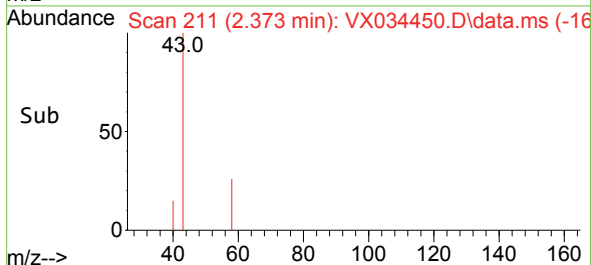
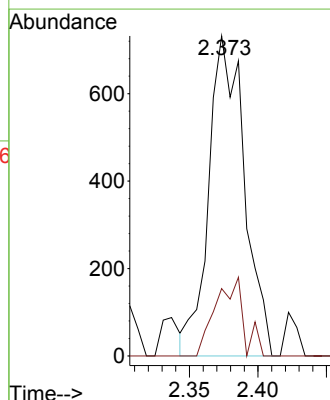
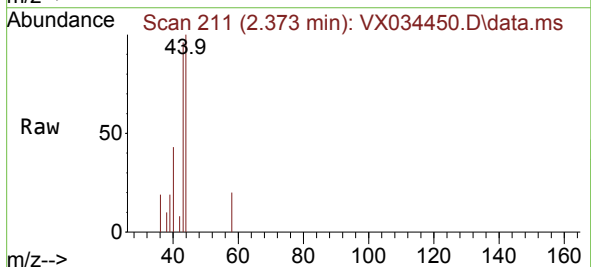
Instrument :
MSVOA_X
ClientSampleId :
VX0314MBL01

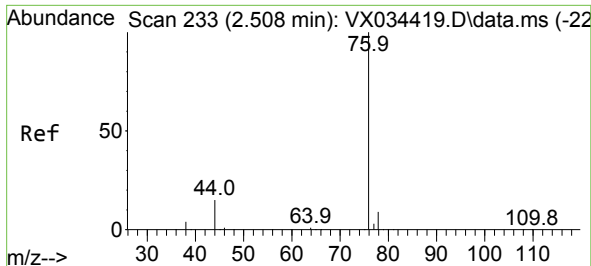
Tgt Ion: 53	Resp:	771	
Ion	Ratio	Lower	Upper
53	100		
52	91.4	66.2	99.2
51	33.9	28.3	42.5



#16
Acetone
Concen: 0.675 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

Tgt Ion: 43	Resp:	1323	
Ion	Ratio	Lower	Upper
43	100		
58	21.0	24.7	37.1#

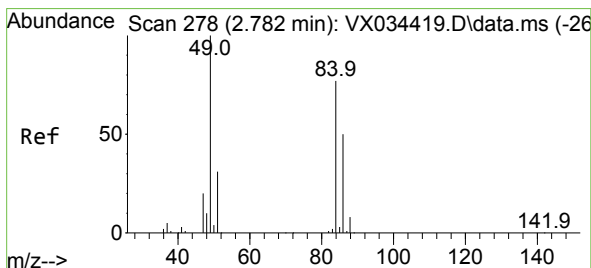
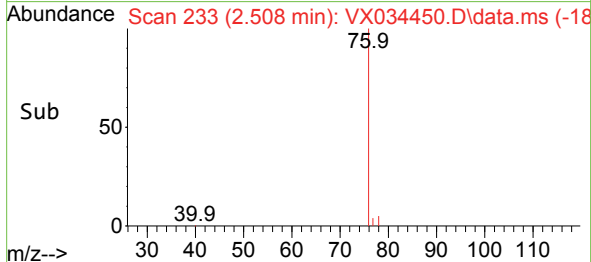
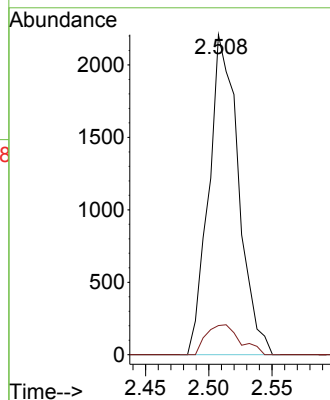
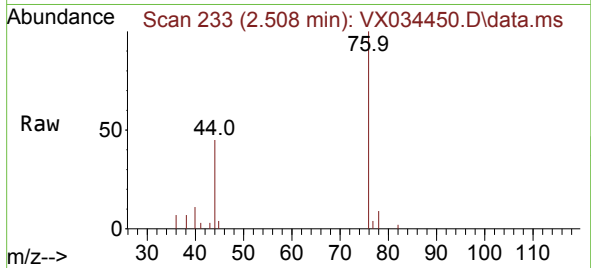




#17
Carbon Disulfide
Concen: 0.409 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

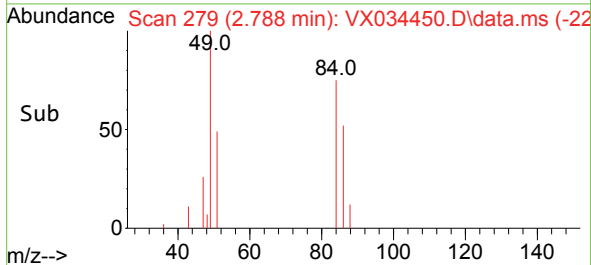
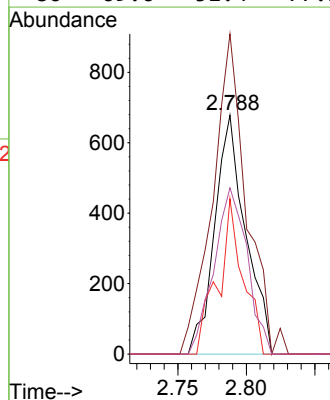
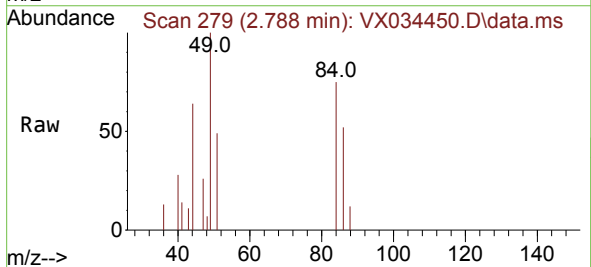
Instrument :
MSVOA_X
ClientSampleId :
VX0314MBL01

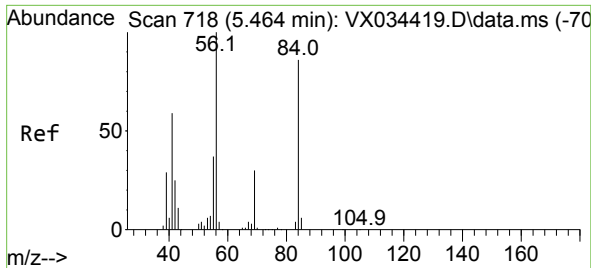
Tgt Ion: 76 Resp: 3602
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#20
Methylene Chloride
Concen: 0.280 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

Tgt Ion: 84 Resp: 1063
Ion Ratio Lower Upper
84 100
49 134.1 103.8 155.8
51 65.0 31.8 47.8#
86 69.6 51.4 77.2

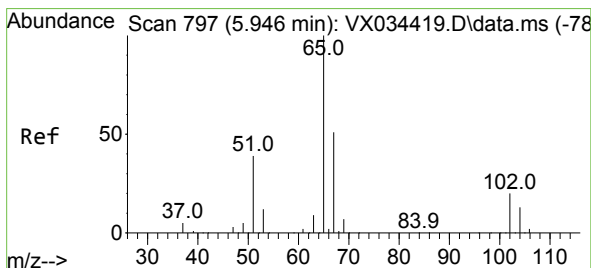
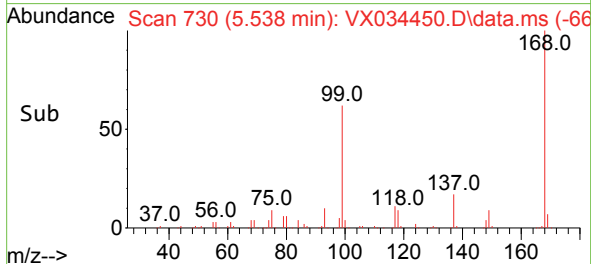
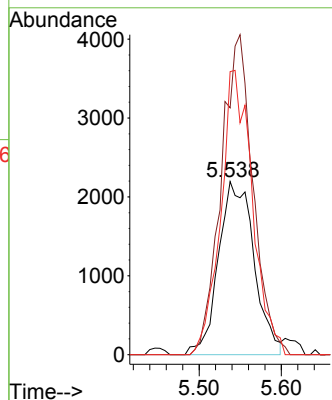
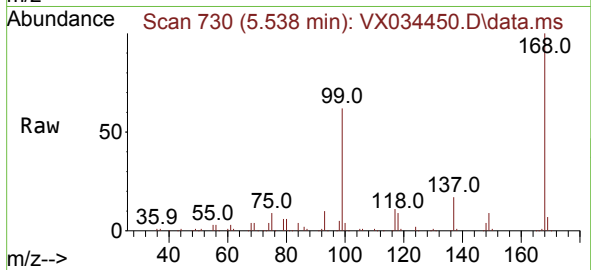




#31
Cyclohexane
Concen: 1.129 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

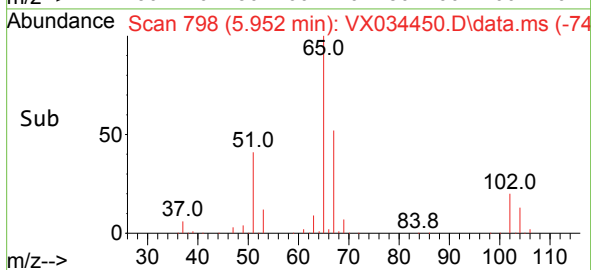
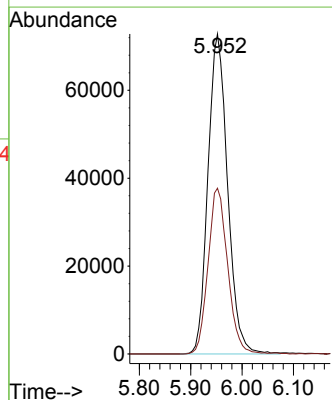
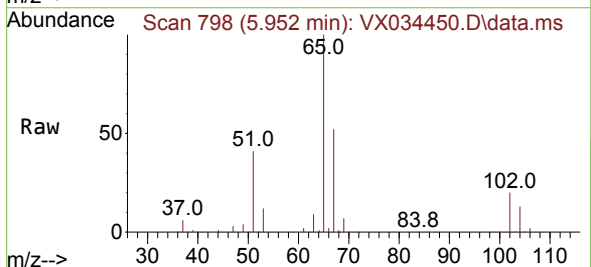
Instrument :
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ClientSampleId :
VX0314MBL01

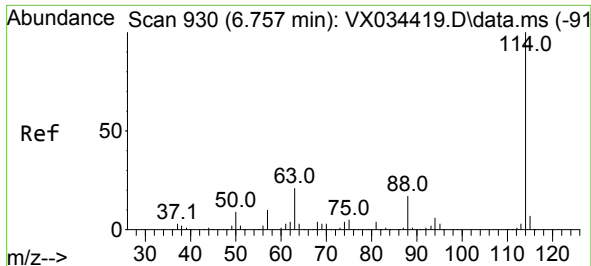
Tgt Ion: 56 Resp: 6588
Ion Ratio Lower Upper
56 100
69 142.6 23.7 35.5#
84 163.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.414 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

Tgt Ion: 65 Resp: 193035
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

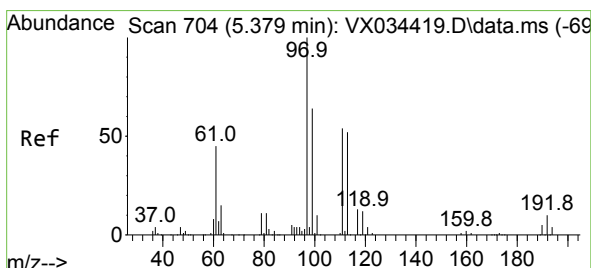
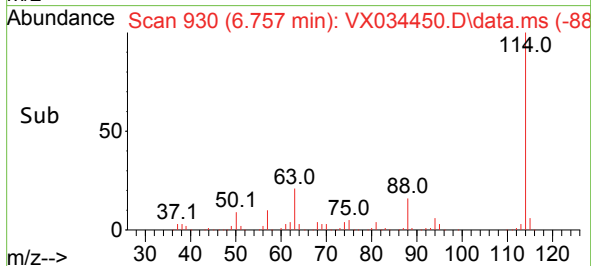
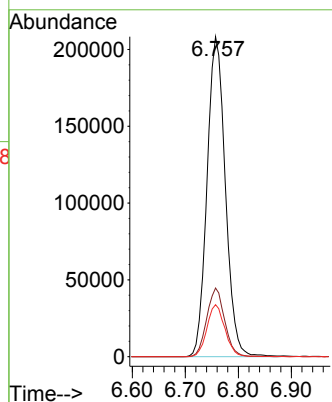
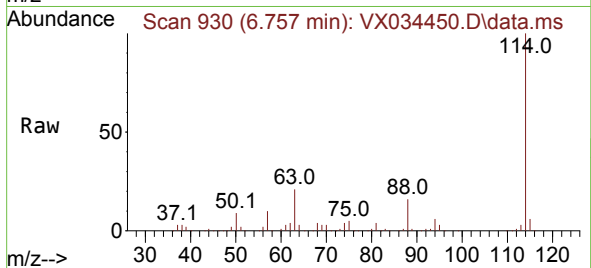




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

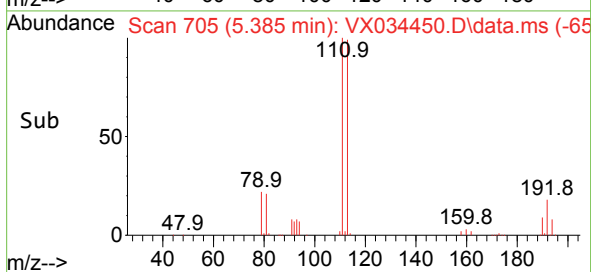
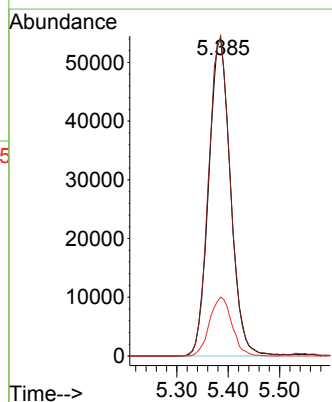
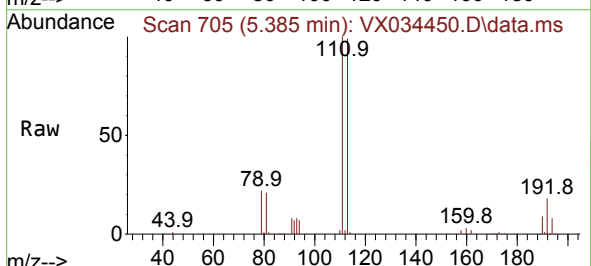
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VX0314MBL01

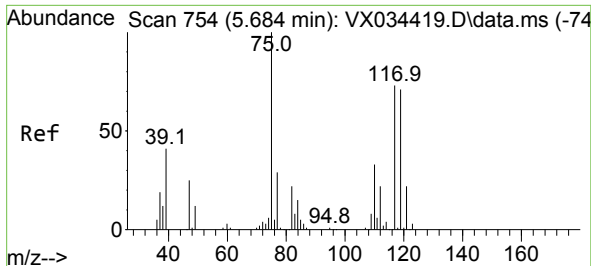
Tgt Ion:114 Resp: 499079
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.339 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

Tgt Ion:113 Resp: 159286
Ion Ratio Lower Upper
113 100
111 101.0 83.7 125.5
192 19.0 15.4 23.2

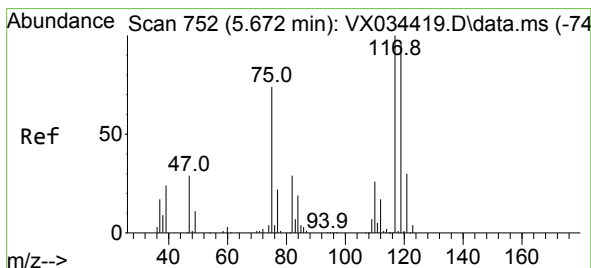
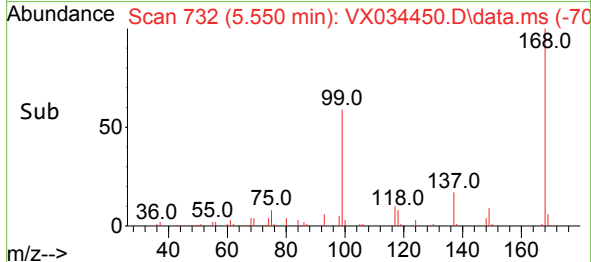
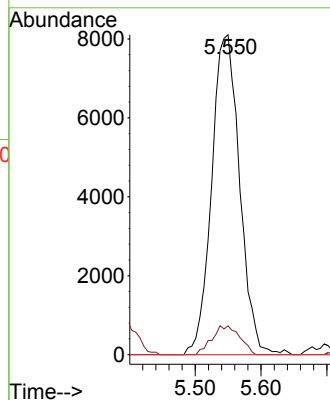
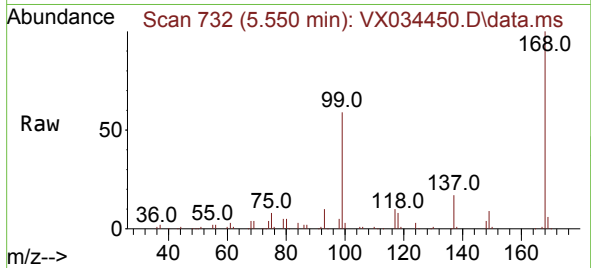




#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

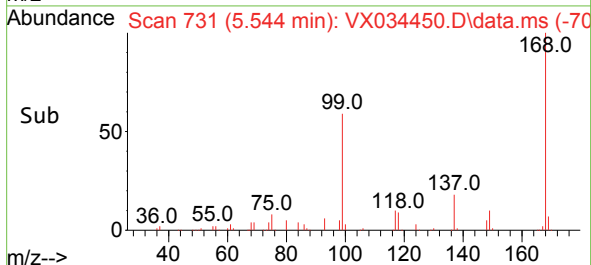
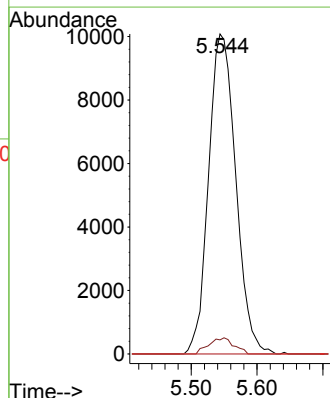
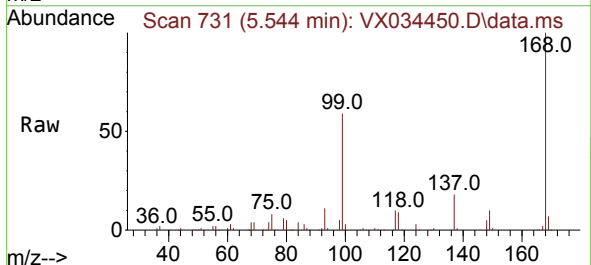
Instrument :
MSVOA_X
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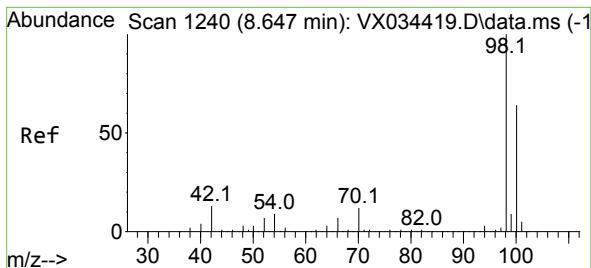
Tgt Ion: 75 Resp: 23984
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

Tgt Ion: 117 Resp: 29008
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 48.849 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034450.D

Acq: 14 Mar 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

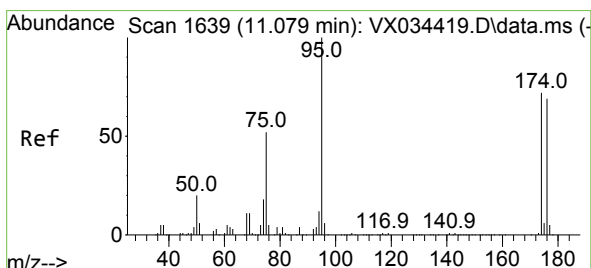
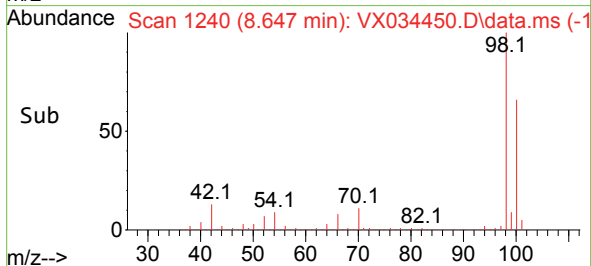
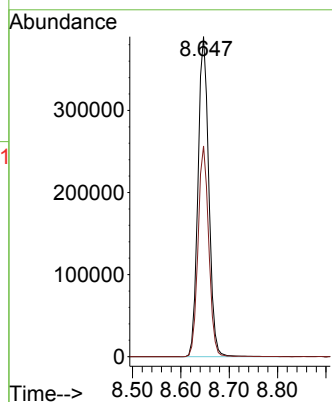
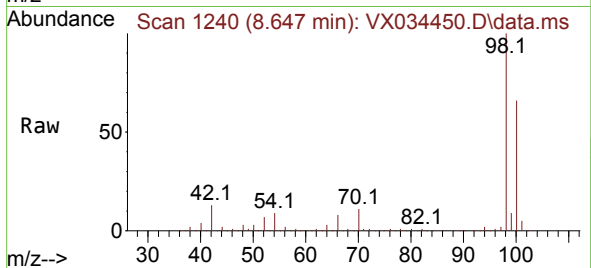
VX0314MBL01

Tgt Ion: 98 Resp: 600890

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 42.362 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034450.D

Acq: 14 Mar 2023 09:22

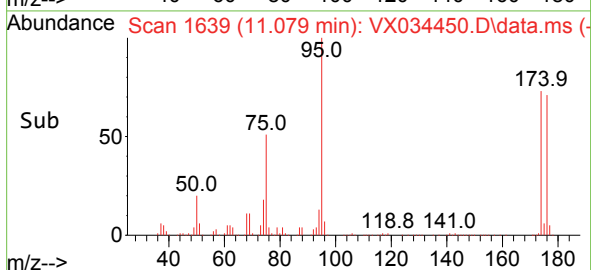
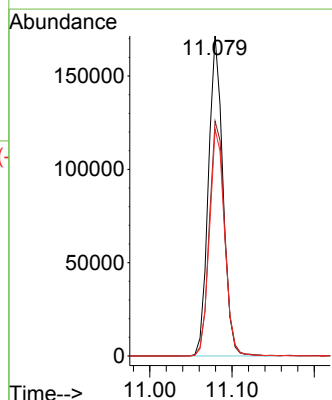
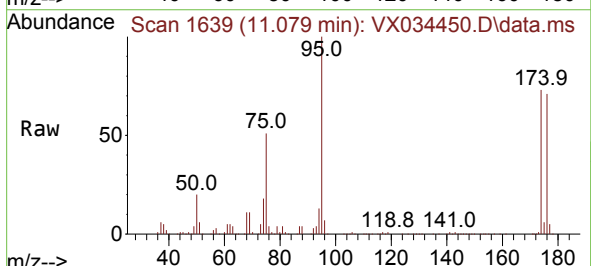
Tgt Ion: 95 Resp: 210485

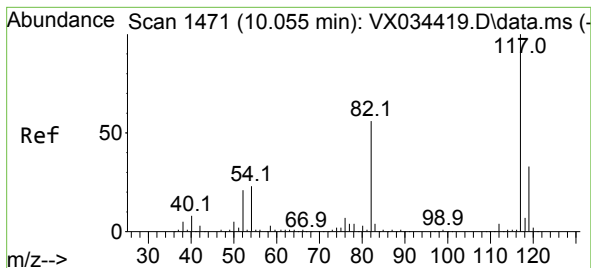
Ion Ratio Lower Upper

95 100

174 77.7 0.0 147.4

176 74.0 0.0 140.6

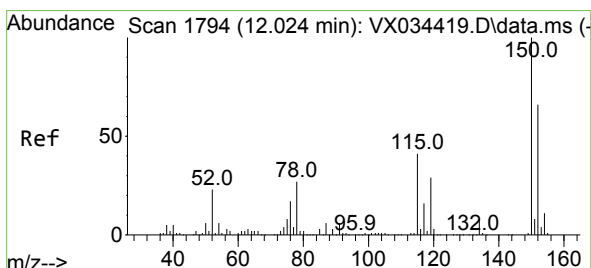
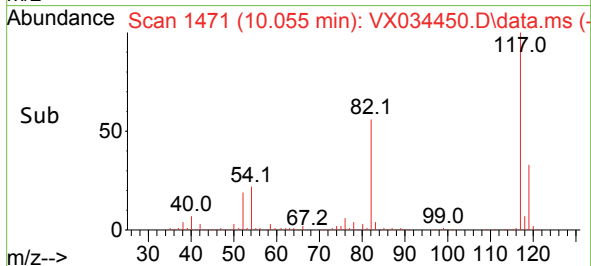
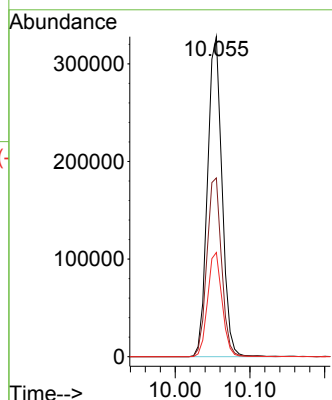
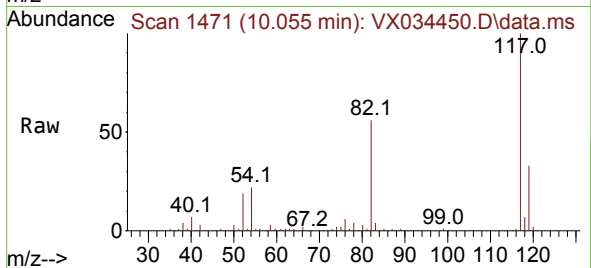




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

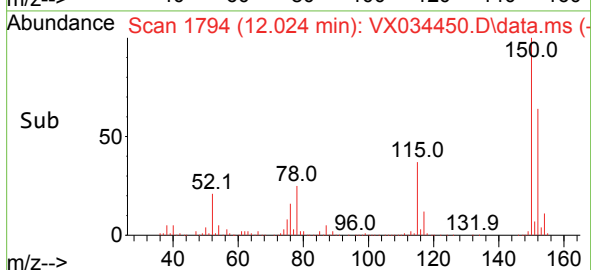
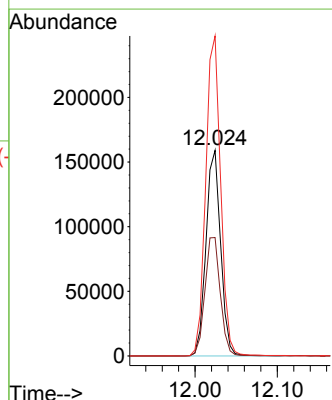
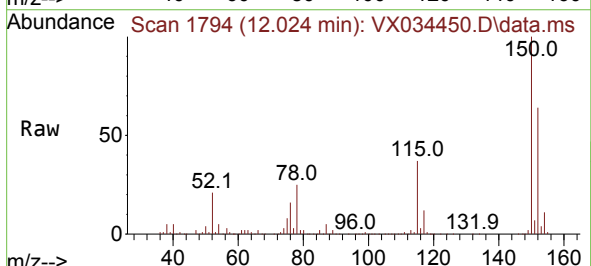
Instrument :
MSVOA_X
ClientSampleId :
VX0314MBL01

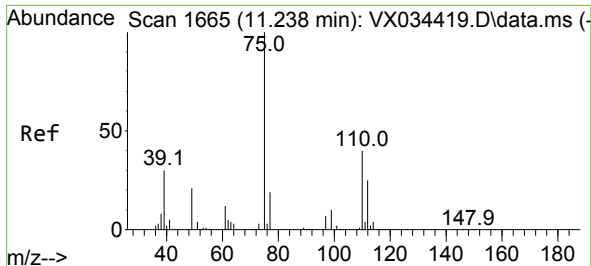
Tgt Ion:117 Resp: 441691
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

Tgt Ion:152 Resp: 197185
Ion Ratio Lower Upper
152 100
115 60.6 45.0 135.0
150 158.4 0.0 352.4

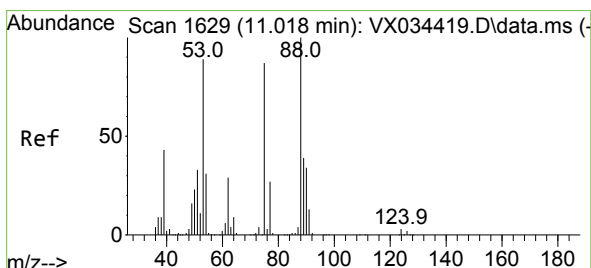
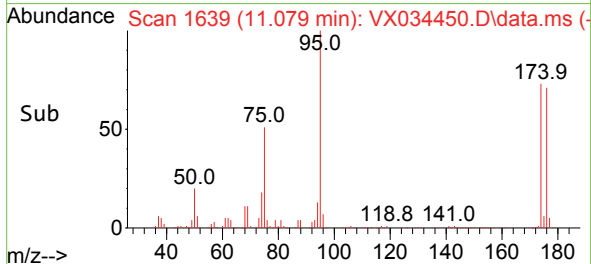
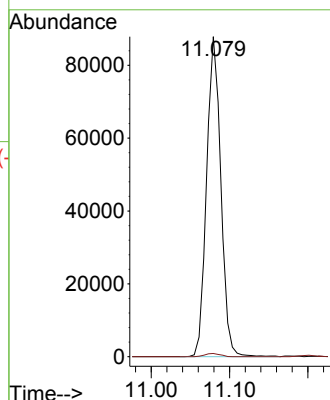
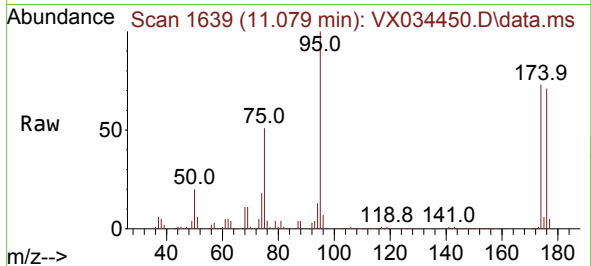




#76
1,2,3-Trichloropropane
Concen: 24.445 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

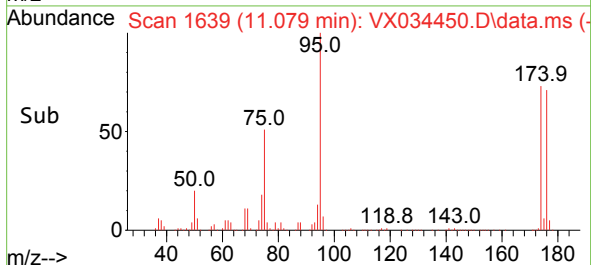
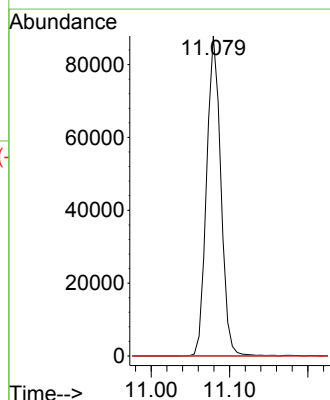
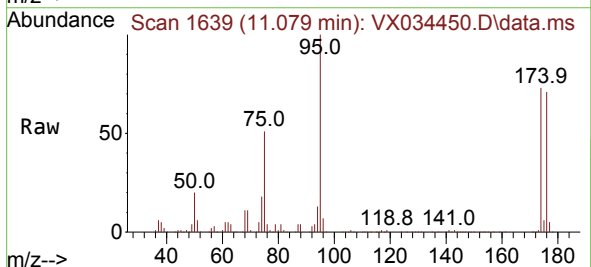
Instrument :
MSVOA_X
ClientSampleId :
VX0314MBL01

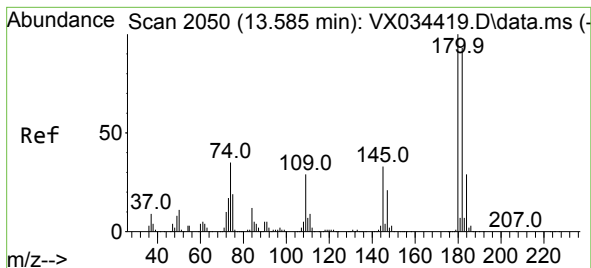
Tgt Ion: 75 Resp: 110675
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034450.D
Acq: 14 Mar 2023 09:22

Tgt Ion: 75 Resp: 110675
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.282 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX034450.D

Acq: 14 Mar 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VX0314MBL01

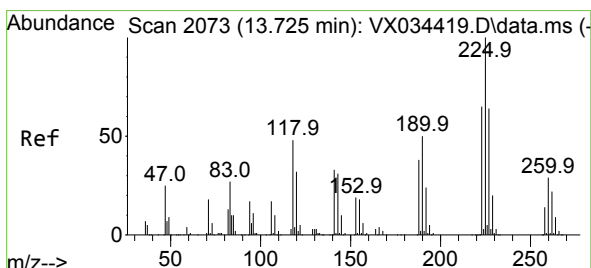
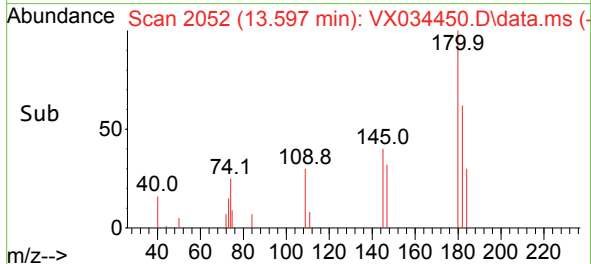
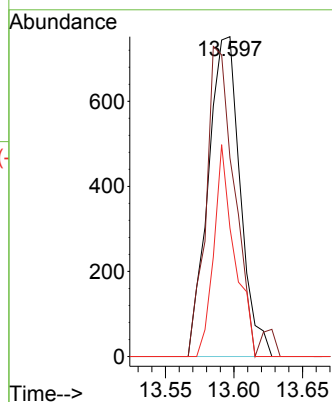
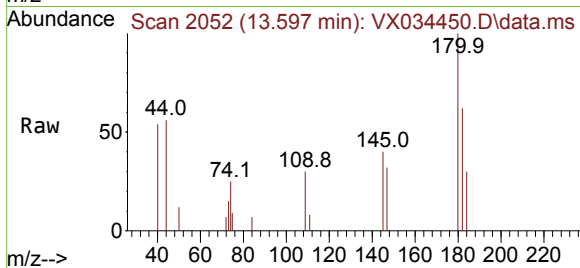
Tgt Ion:180 Resp: 1220

Ion Ratio Lower Upper

180 100

182 88.5 47.0 141.0

145 42.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 1.029 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034450.D

Acq: 14 Mar 2023 09:22

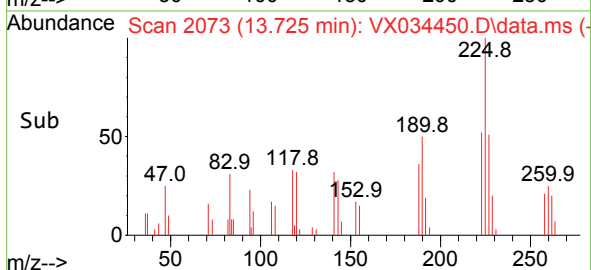
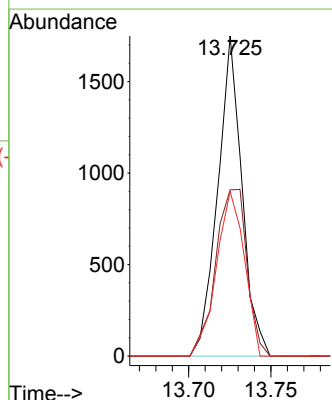
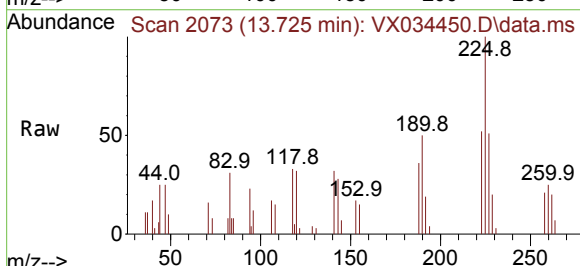
Tgt Ion:225 Resp: 1794

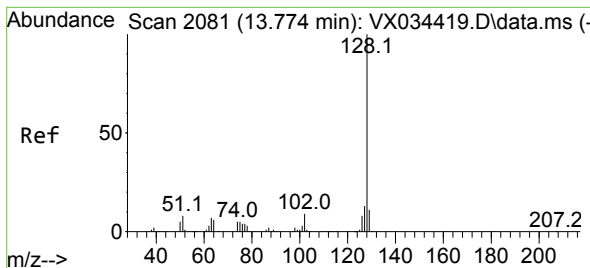
Ion Ratio Lower Upper

225 100

223 67.3 32.1 96.5

227 59.2 31.8 95.4





#95

Naphthalene

Concen: 0.238 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034450.D

Acq: 14 Mar 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VX0314MBL01

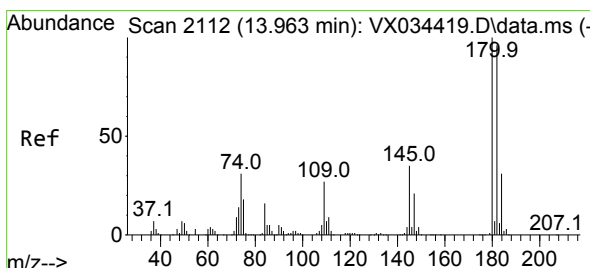
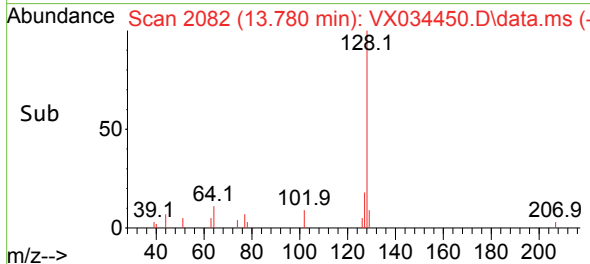
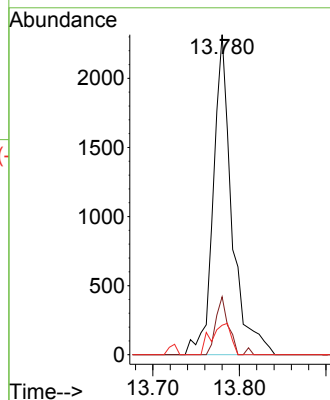
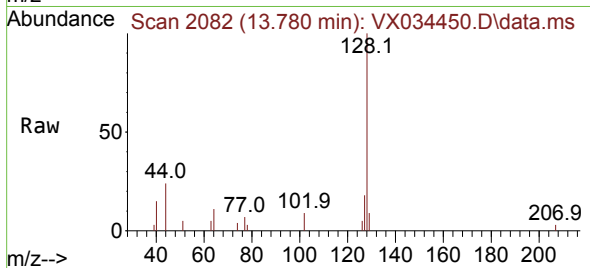
Tgt Ion:128 Resp: 3460

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 10.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.296 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034450.D

Acq: 14 Mar 2023 09:22

Tgt Ion:180 Resp: 1253

Ion Ratio Lower Upper

180 100

182 104.0 48.0 144.2

145 32.5 17.7 53.1

