

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034198.D
 Acq On : 21 Feb 2023 09:33
 Operator : JC/MD
 Sample : VX0221MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221MBL01

Quant Time: Feb 22 05:48:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

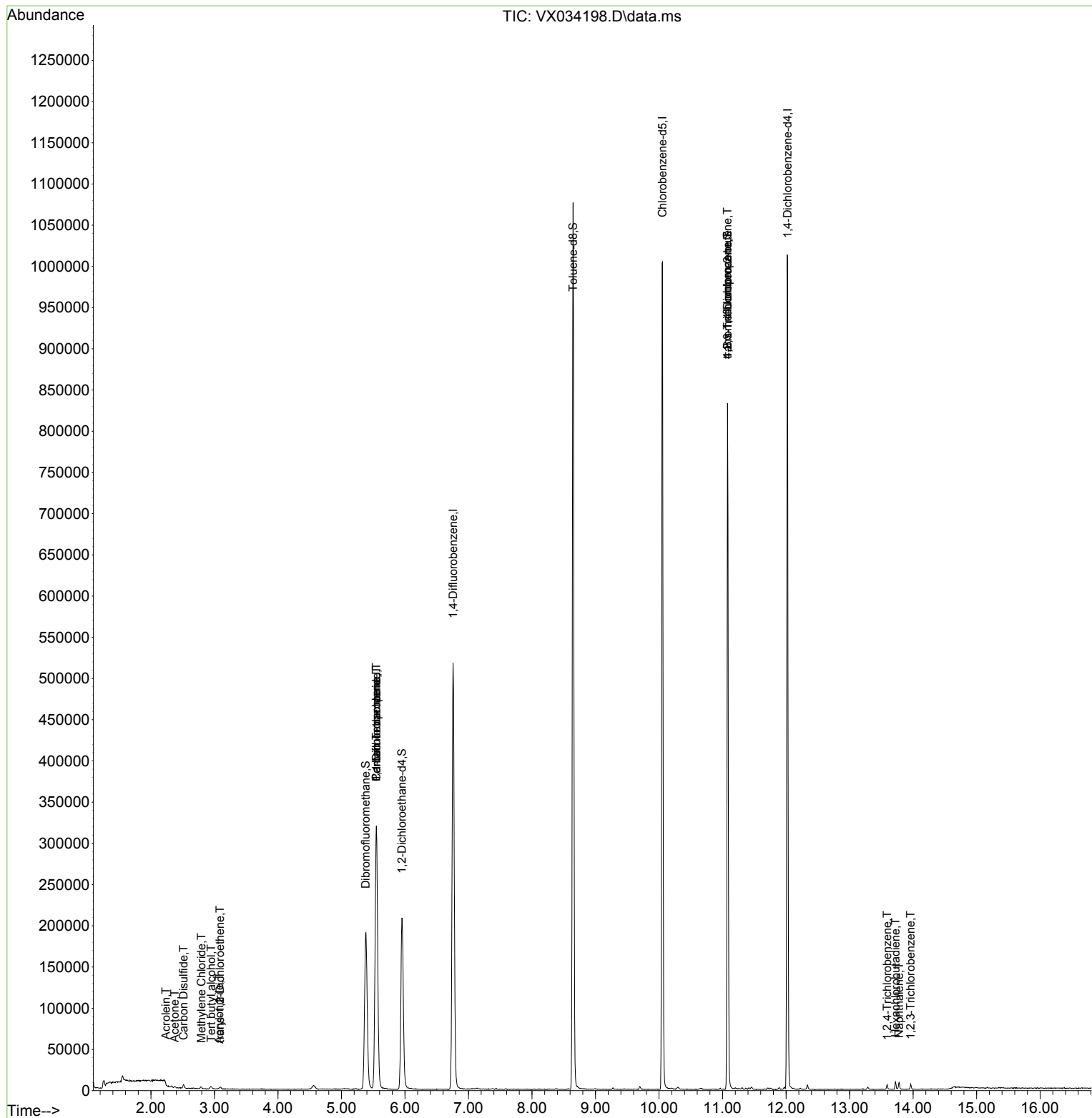
Internal Standards						
1) Pentafluorobenzene	5.550	168	322700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	541298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	190318	43.791	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	87.580%	
35) Dibromofluoromethane	5.379	113	169639	48.133	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.260%	
50) Toluene-d8	8.647	98	641371	50.686	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	101.380%	
62) 4-Bromofluorobenzene	11.079	95	222244	45.917	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	757	Below Cal	#	41
11) Tert butyl alcohol	2.947	59	1834	1.887	ug/l #	90
13) Acrolein	2.233	56	580	1.307	ug/l #	14
15) Acrylonitrile	3.075	53	1078	0.508	ug/l #	90
16) Acetone	2.374	43	1391	0.620	ug/l #	81
17) Carbon Disulfide	2.514	76	4824	0.481	ug/l #	94
20) Methylene Chloride	2.794	84	1100	0.272	ug/l #	94
21) trans-1,2-Dichloroethene	3.087	96	739	0.202	ug/l	94
36) 1,1-Dichloropropene	5.550	75	23128	4.437	ug/l #	48
38) Carbon Tetrachloride	5.550	117	31202	5.818	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	110733	20.352	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110733	52.282	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	1583	0.339	ug/l	97
94) Hexachlorobutadiene	13.725	225	1324	0.684	ug/l	96
95) Naphthalene	13.780	128	5923	0.376	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1633	0.352	ug/l	94

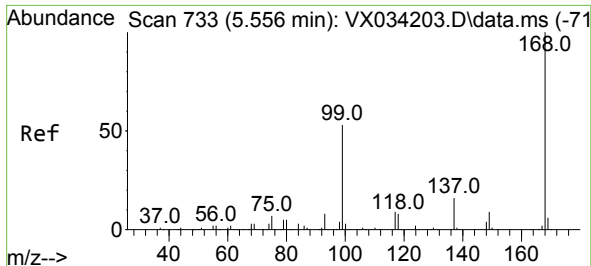
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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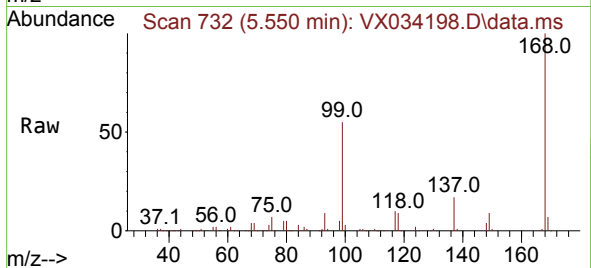
Quant Time: Feb 22 05:48:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
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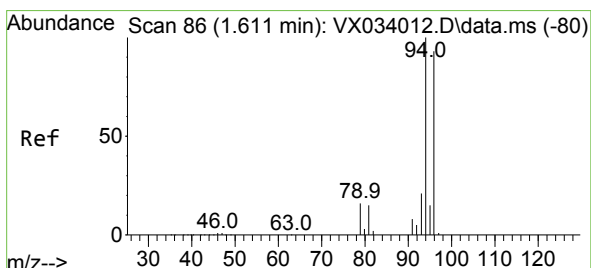
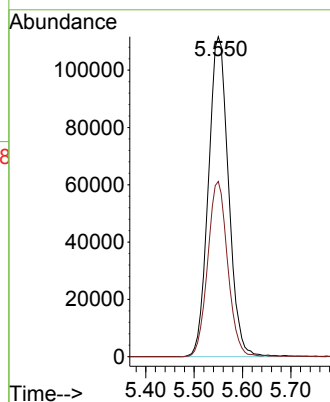
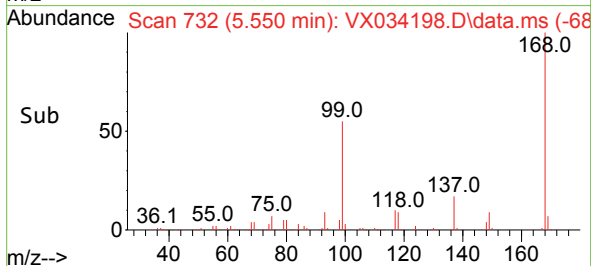


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

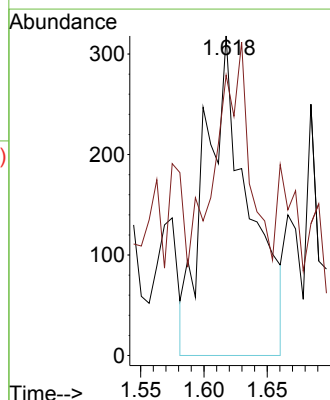
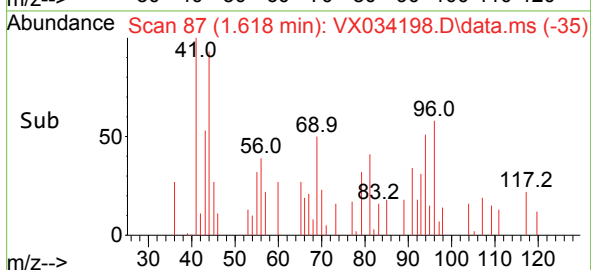
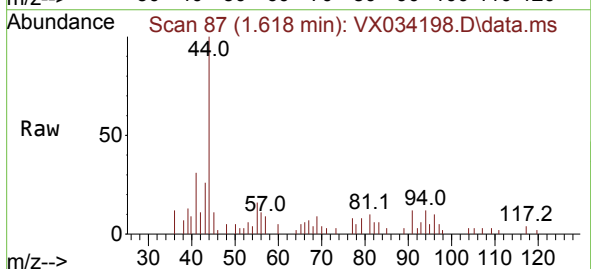


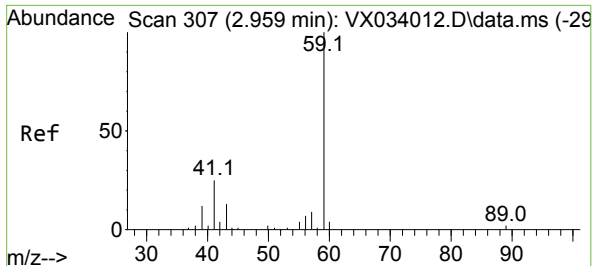
Tgt Ion:168 Resp: 322700
Ion Ratio Lower Upper
168 100
99 54.7 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

Tgt Ion: 94 Resp: 757
Ion Ratio Lower Upper
94 100
96 36.7 74.3 111.5#

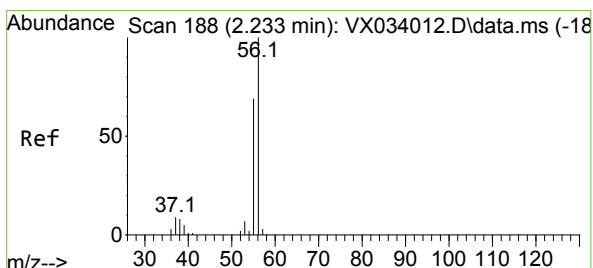
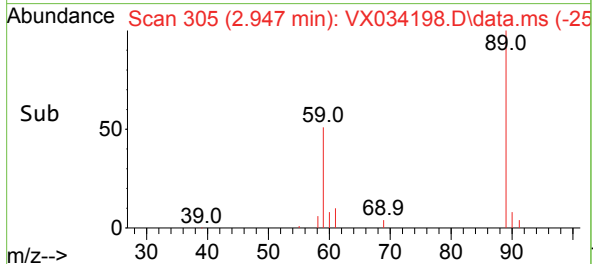
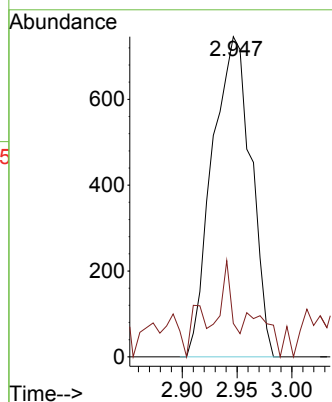
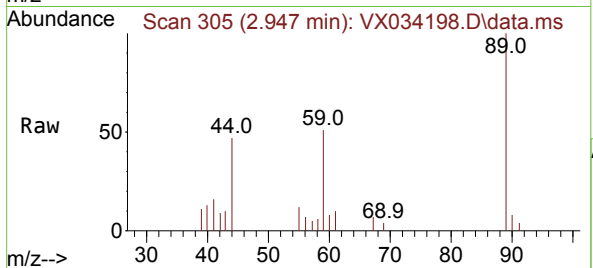




#11
Tert butyl alcohol
Concen: 1.887 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

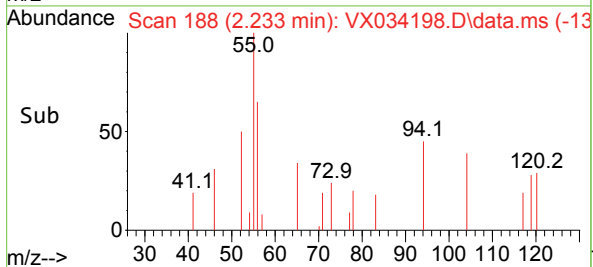
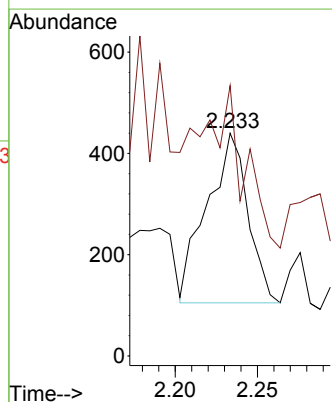
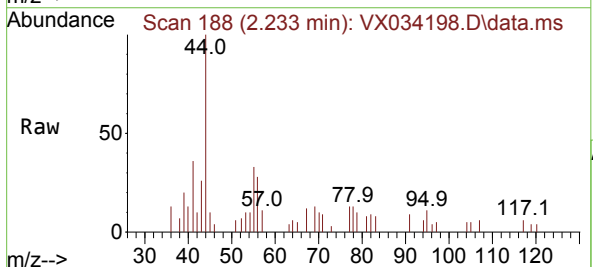
Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

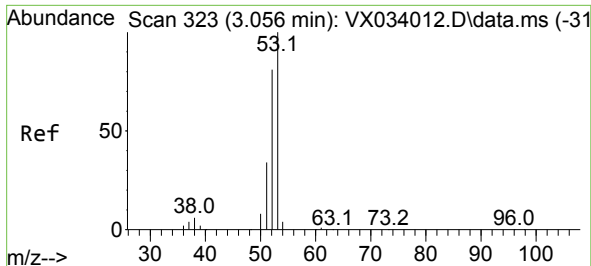
Tgt Ion: 59 Resp: 1834
Ion Ratio Lower Upper
59 100
57 7.8 3.7 5.5#



#13
Acrolein
Concen: 1.307 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

Tgt Ion: 56 Resp: 580
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#

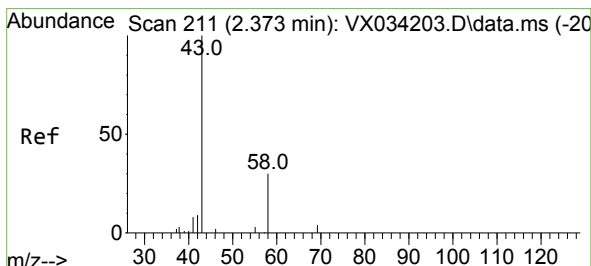
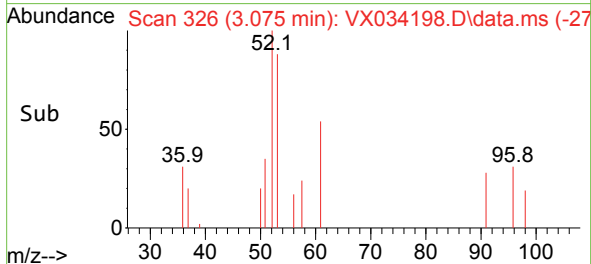
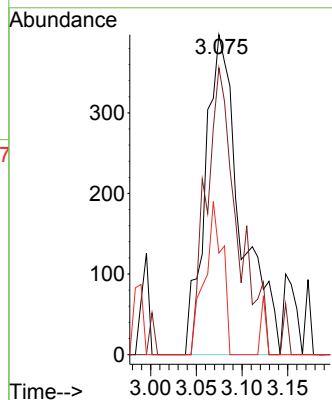
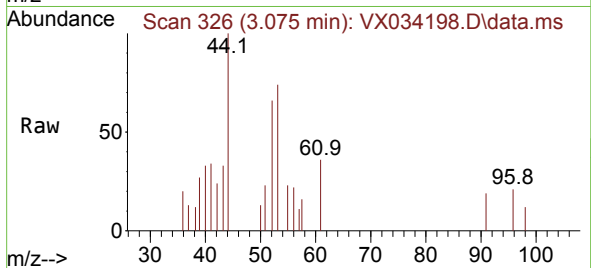




#15
Acrylonitrile
Concen: 0.508 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

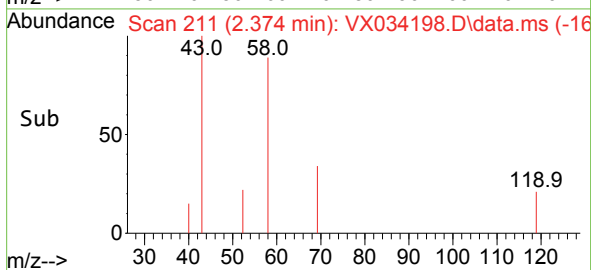
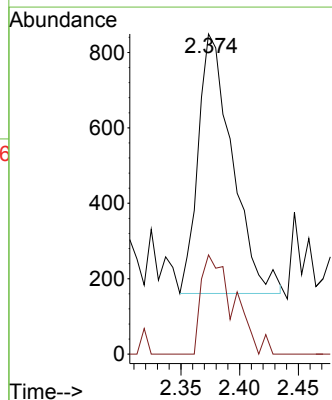
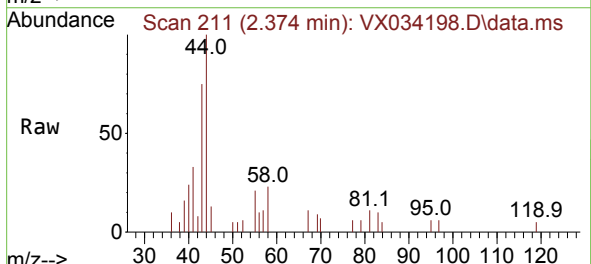
Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

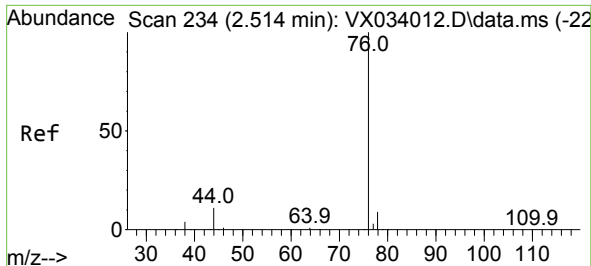
Tgt Ion: 53 Resp: 1078
Ion Ratio Lower Upper
53 100
52 77.7 65.7 98.5
51 23.9 29.0 43.4#



#16
Acetone
Concen: 0.620 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
58 38.2 22.6 33.8#





#17

Carbon Disulfide

Concen: 0.481 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034198.D

Acq: 21 Feb 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

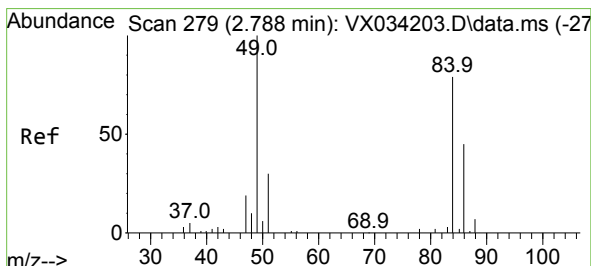
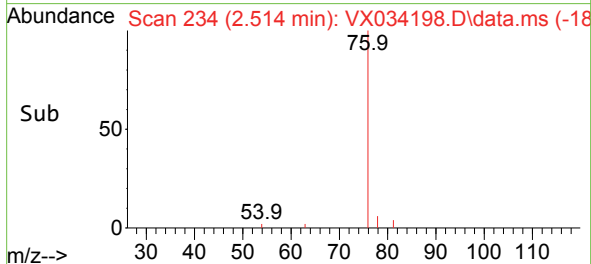
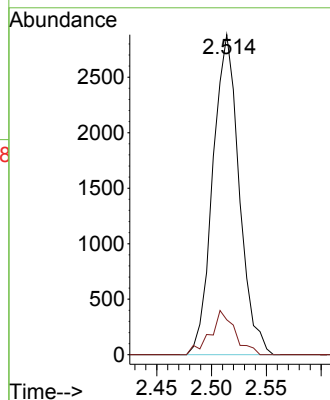
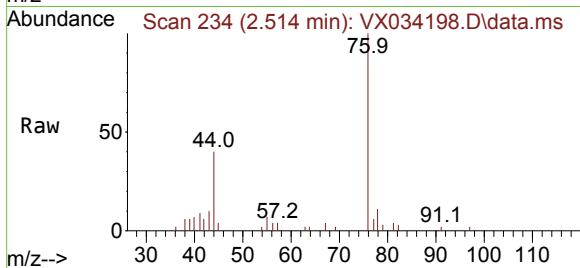
VX0221MBL01

Tgt Ion: 76 Resp: 4824

Ion Ratio Lower Upper

76 100

78 10.9 7.0 10.6#



#20

Methylene Chloride

Concen: 0.272 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX034198.D

Acq: 21 Feb 2023 09:33

Tgt Ion: 84 Resp: 1100

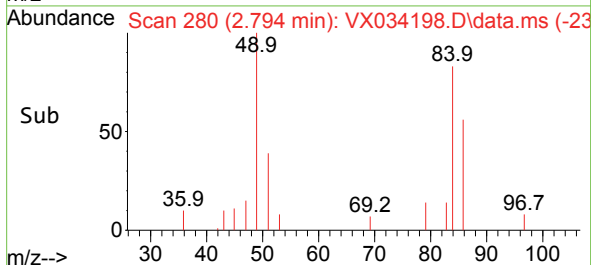
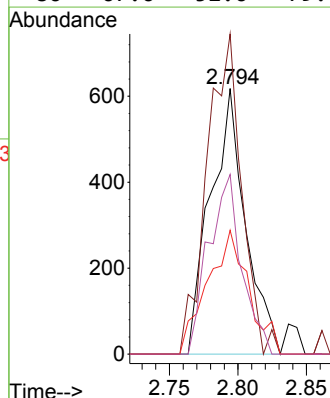
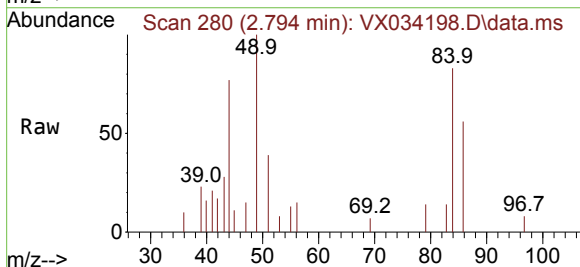
Ion Ratio Lower Upper

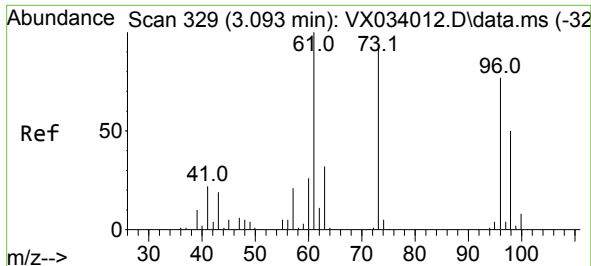
84 100

49 120.6 101.1 151.7

51 46.6 31.0 46.6#

86 67.6 52.6 79.0

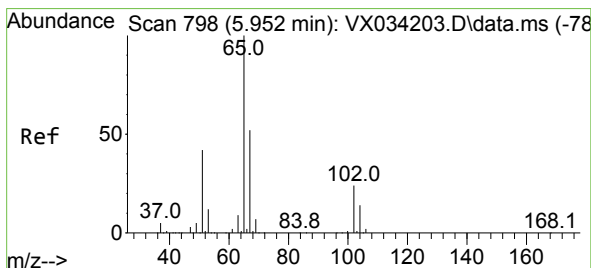
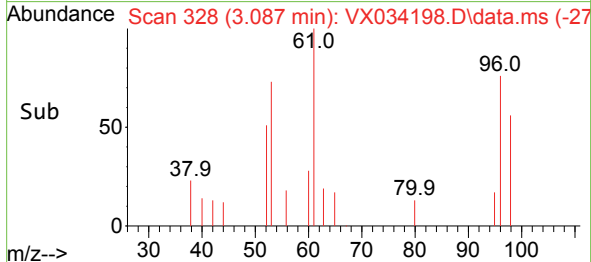
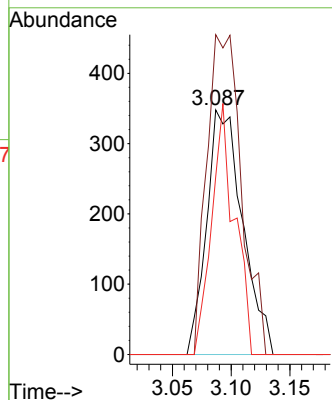
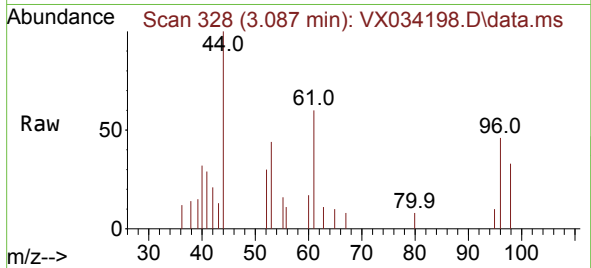




#21
trans-1,2-Dichloroethene
Concen: 0.202 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

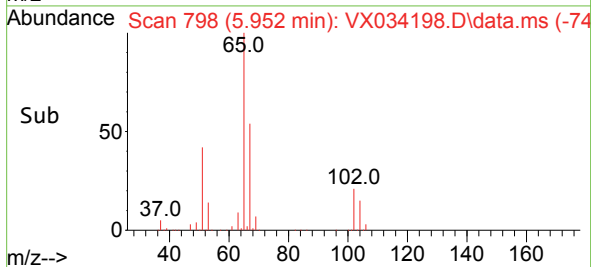
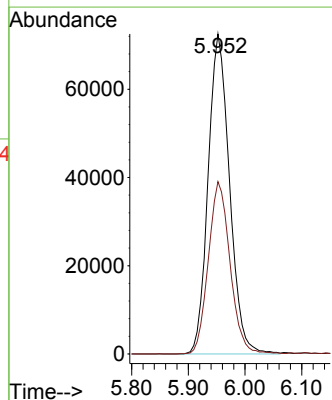
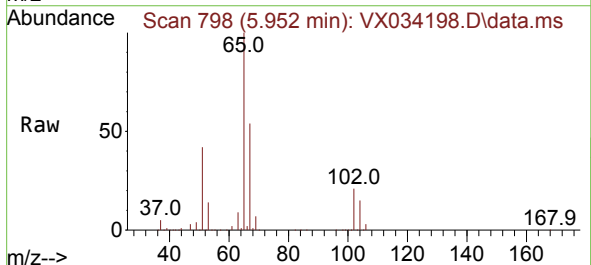
Instrument :
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ClientSampleId :
VX0221MBL01

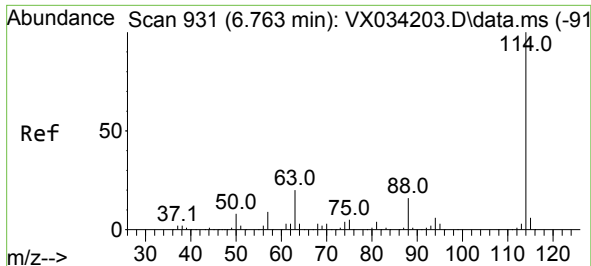
Tgt Ion: 96 Resp: 739
Ion Ratio Lower Upper
96 100
61 130.7 106.7 160.1
98 72.7 50.0 75.0



#33
1,2-Dichloroethane-d4
Concen: 43.791 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

Tgt Ion: 65 Resp: 190318
Ion Ratio Lower Upper
65 100
67 54.7 0.0 104.8

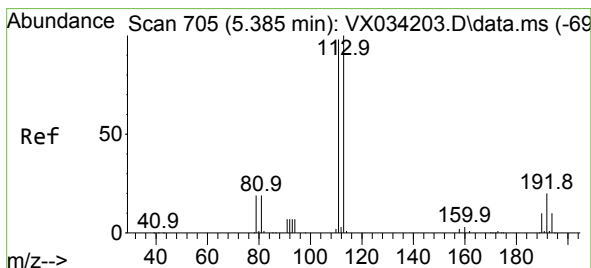
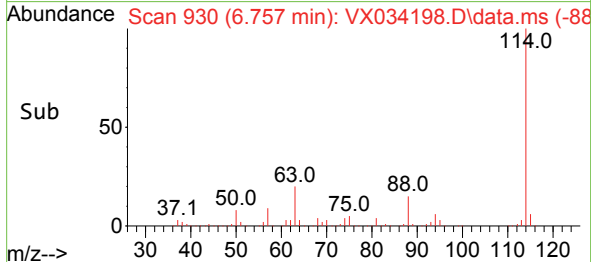
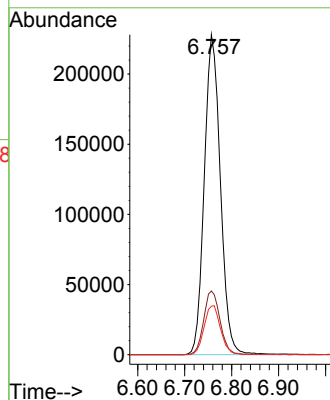
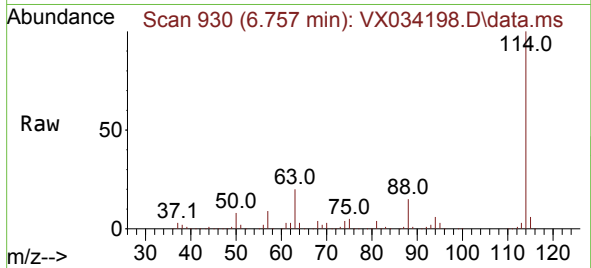




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

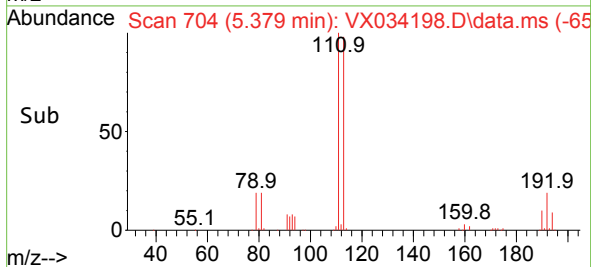
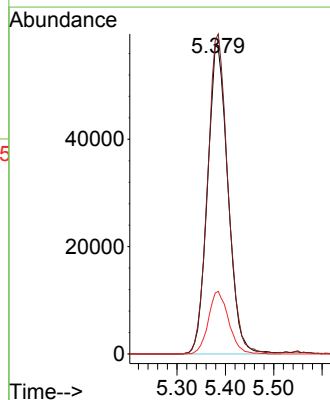
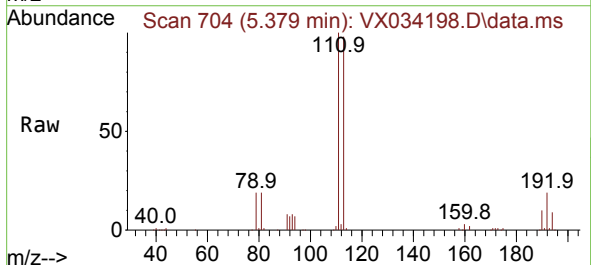
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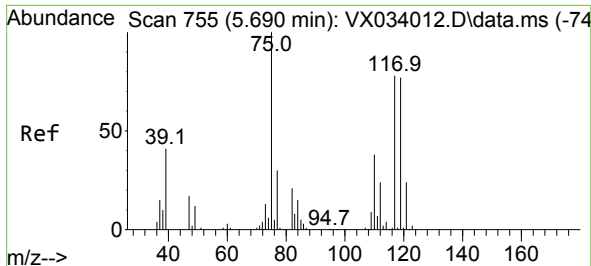
Tgt Ion:114 Resp: 541298
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.133 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

Tgt Ion:113 Resp: 169639
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.6
192 20.0 19.0 28.4

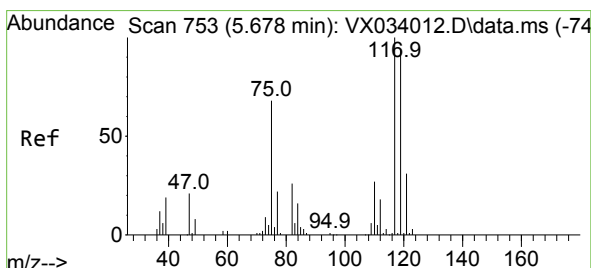
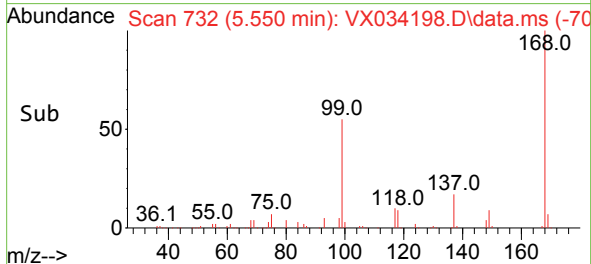
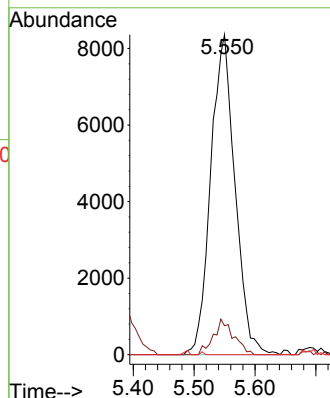
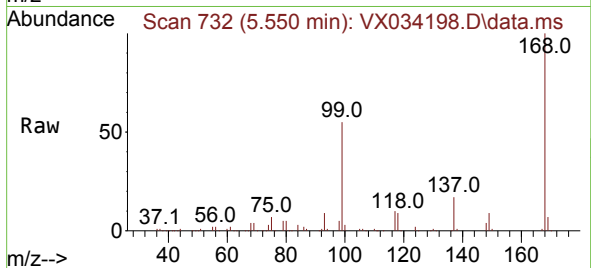




#36
1,1-Dichloropropene
Concen: 4.437 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

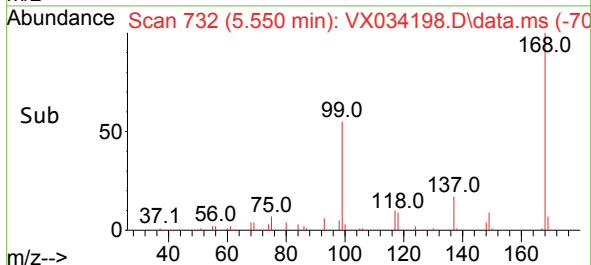
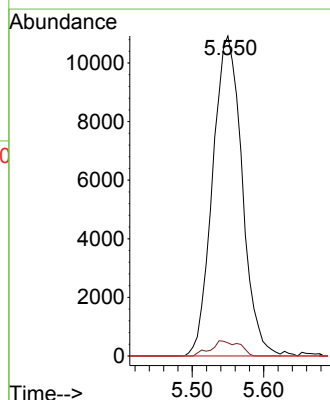
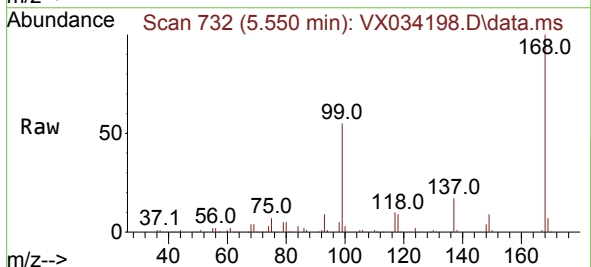
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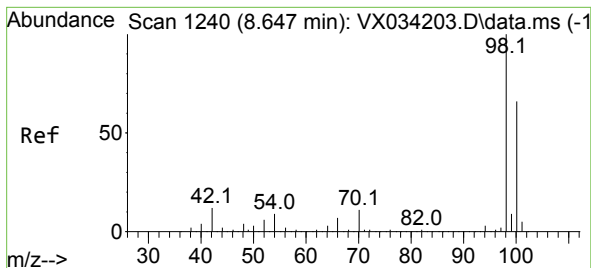
Tgt Ion: 75 Resp: 23128
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.818 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

Tgt Ion: 117 Resp: 31202
Ion Ratio Lower Upper
117 100
119 4.1 78.0 117.0#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 50.686 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034198.D

Acq: 21 Feb 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

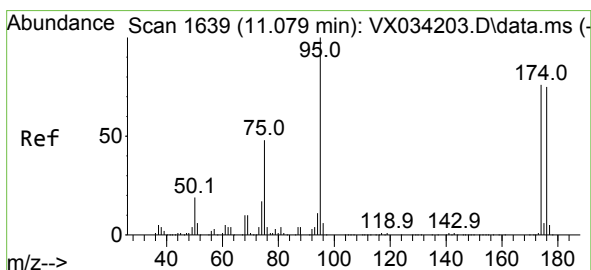
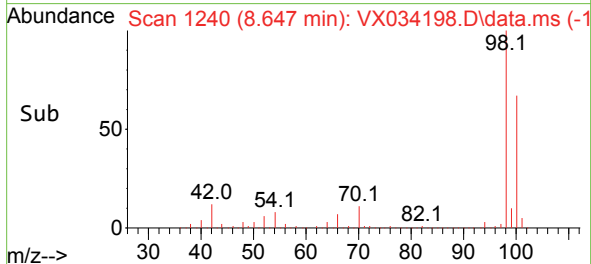
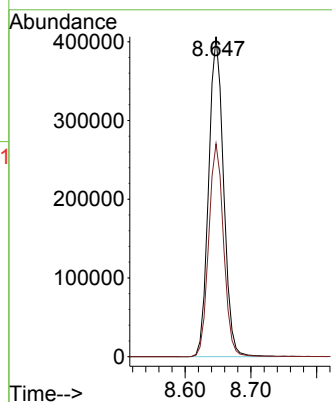
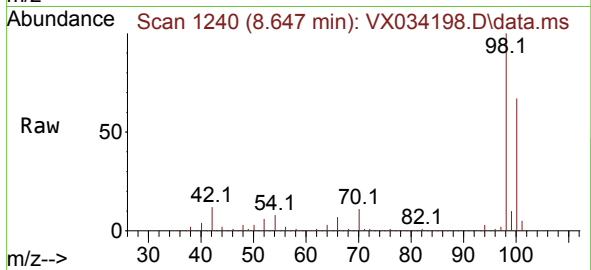
VX0221MBL01

Tgt Ion: 98 Resp: 641371

Ion Ratio Lower Upper

98 100

100 66.3 53.6 80.4



#62

4-Bromofluorobenzene

Concen: 45.917 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034198.D

Acq: 21 Feb 2023 09:33

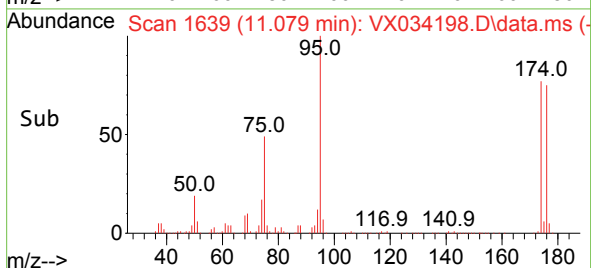
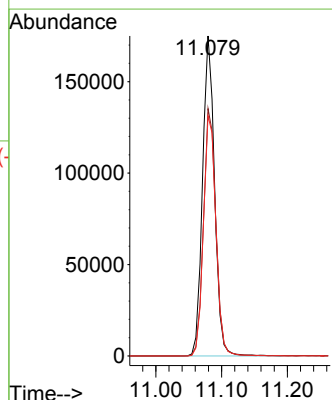
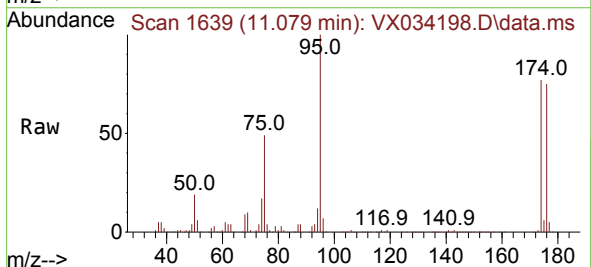
Tgt Ion: 95 Resp: 222244

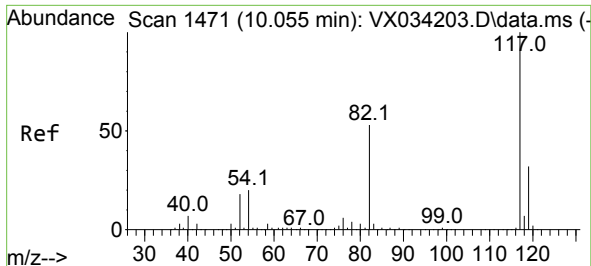
Ion Ratio Lower Upper

95 100

174 79.6 0.0 184.4

176 78.0 0.0 178.8

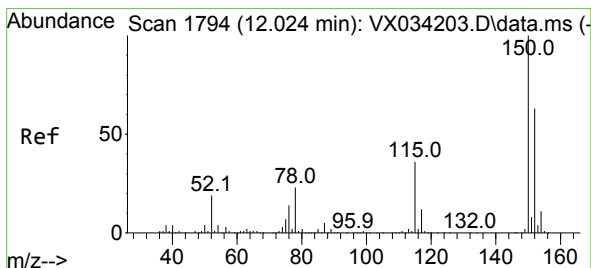
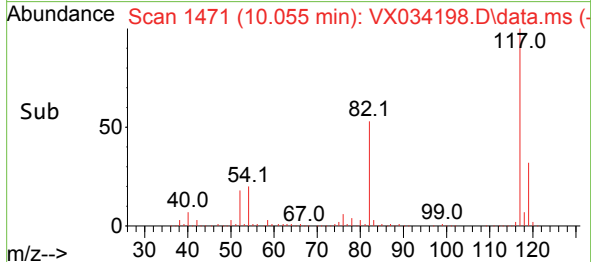
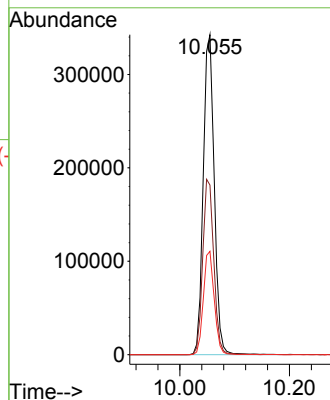
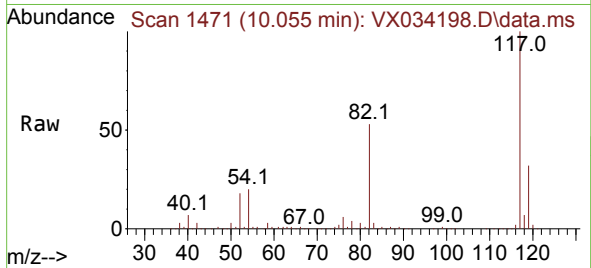




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

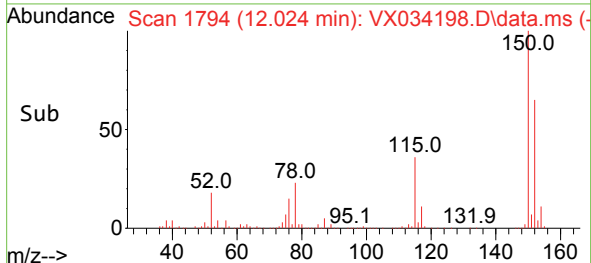
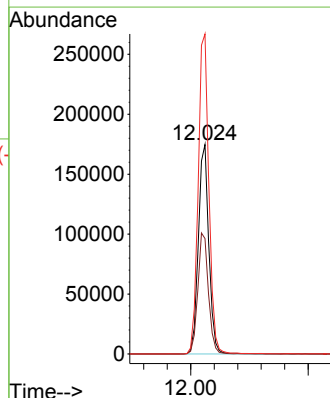
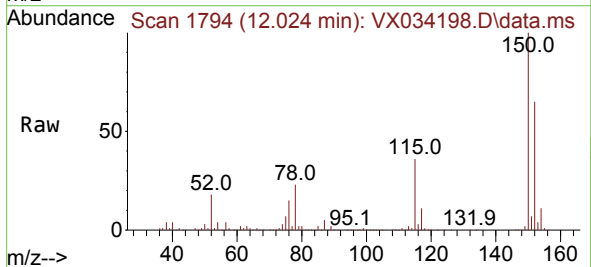
Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

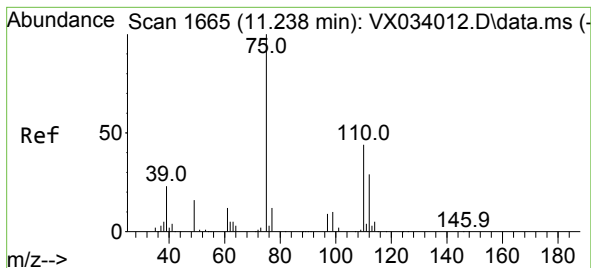
Tgt Ion:117 Resp: 476189
Ion Ratio Lower Upper
117 100
82 53.0 40.6 60.8
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

Tgt Ion:152 Resp: 216230
Ion Ratio Lower Upper
152 100
115 58.3 38.7 116.1
150 155.9 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 20.352 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034198.D

Acq: 21 Feb 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

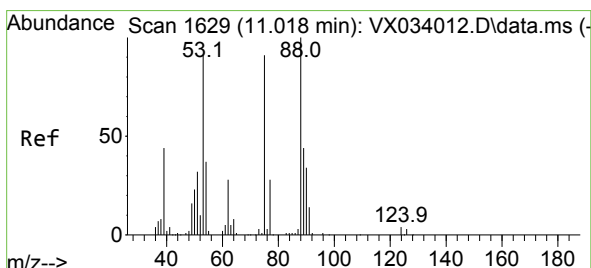
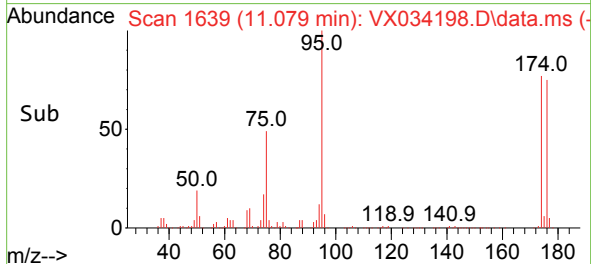
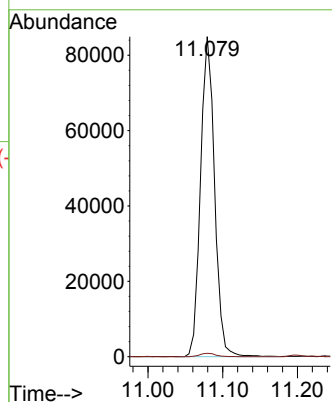
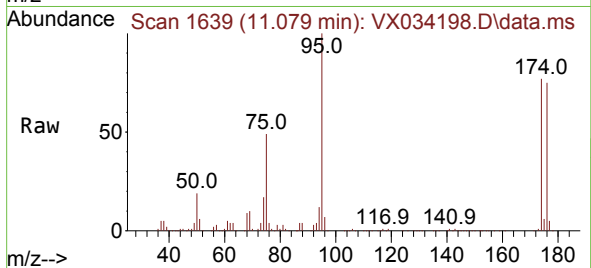
VX0221MBL01

Tgt Ion: 75 Resp: 110733

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.282 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034198.D

Acq: 21 Feb 2023 09:33

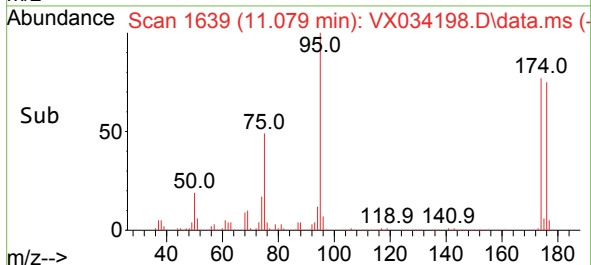
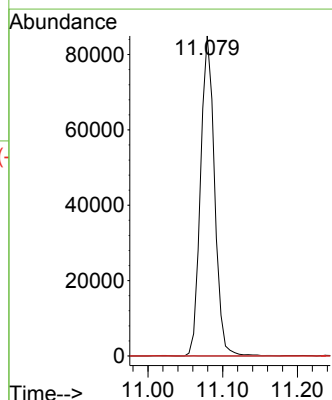
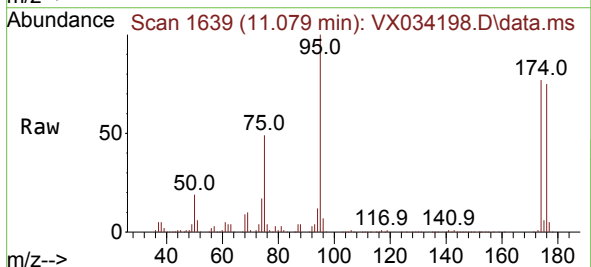
Tgt Ion: 75 Resp: 110733

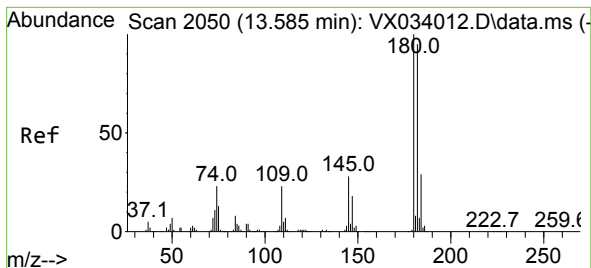
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.339 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034198.D

Acq: 21 Feb 2023 09:33

Instrument :

MSVOA_X

ClientSampleId :

VX0221MBL01

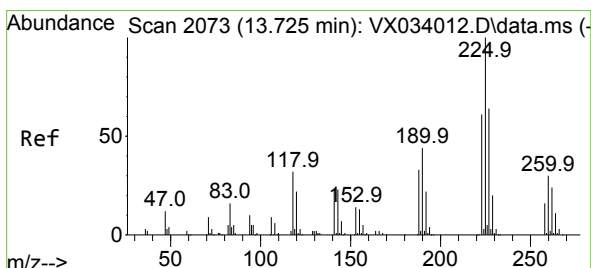
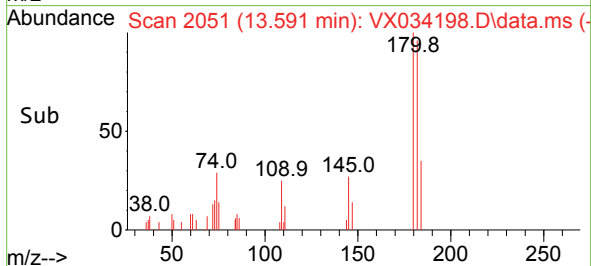
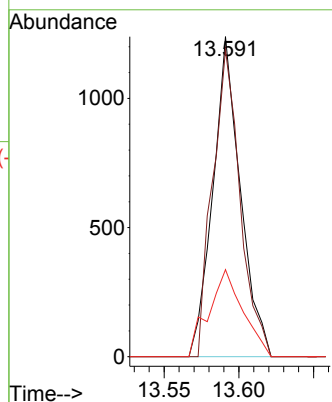
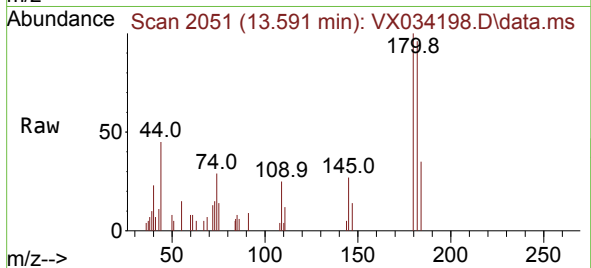
Tgt Ion:180 Resp: 1583

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.6

145 33.7 14.1 42.2



#94

Hexachlorobutadiene

Concen: 0.684 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034198.D

Acq: 21 Feb 2023 09:33

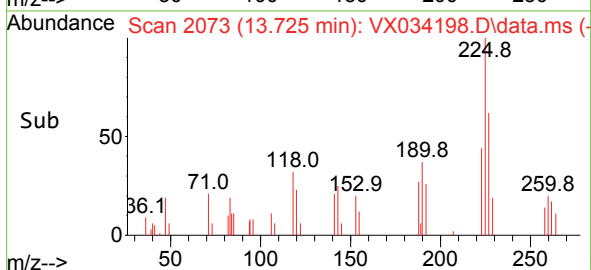
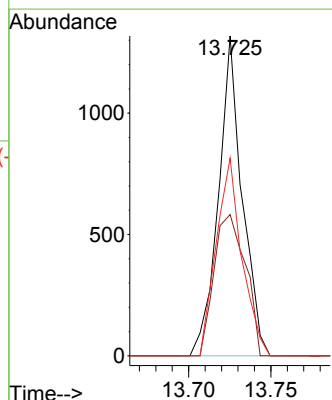
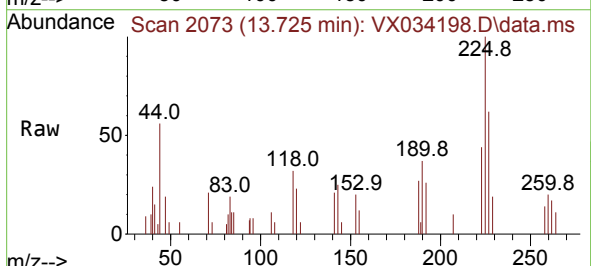
Tgt Ion:225 Resp: 1324

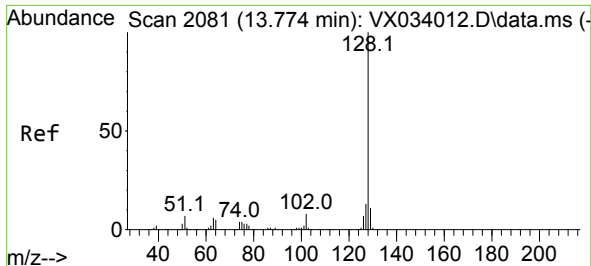
Ion Ratio Lower Upper

225 100

223 58.3 31.3 93.9

227 66.7 32.3 96.9

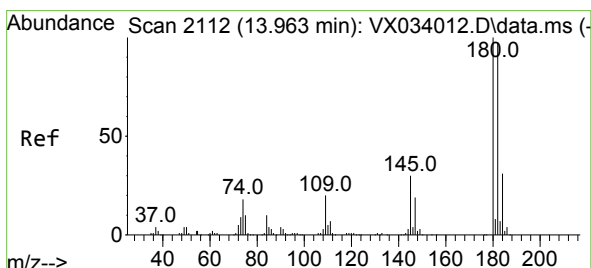
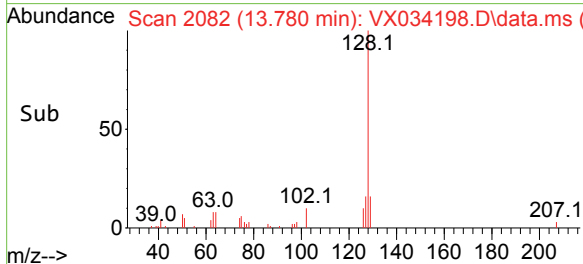
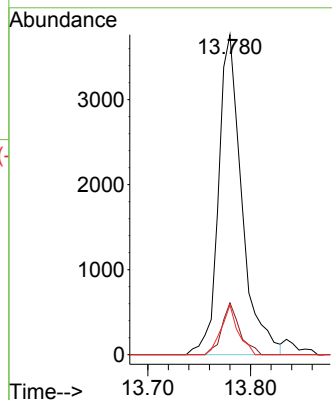
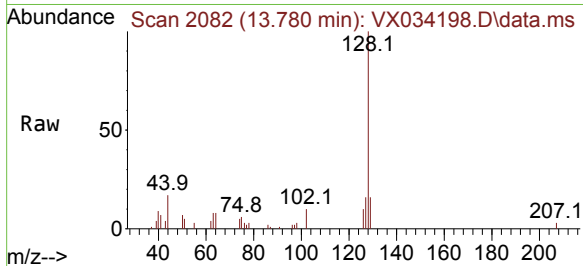




#95
Naphthalene
Concen: 0.376 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

Instrument :
MSVOA_X
ClientSampleId :
VX0221MBL01

Tgt Ion:	128	Resp:	5923
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.3	15.5
129	11.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.352 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034198.D
Acq: 21 Feb 2023 09:33

Tgt Ion:	180	Resp:	1633
Ion Ratio	Lower	Upper	
180	100		
182	100.2	47.6	142.9
145	34.6	15.1	45.3

