

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023388.D
 Acq On : 22 Jul 2021 21:44
 Operator : JC/MD
 Sample : VX0722WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBL02

Quant Time: Jul 23 06:10:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	181196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	304337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	114695	50.744	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.480%
35) Dibromofluoromethane	5.391	113	94971	49.910	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.820%
50) Toluene-d8	8.653	98	361185	51.663	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.320%
62) 4-Bromofluorobenzene	11.085	95	117719	49.519	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.040%

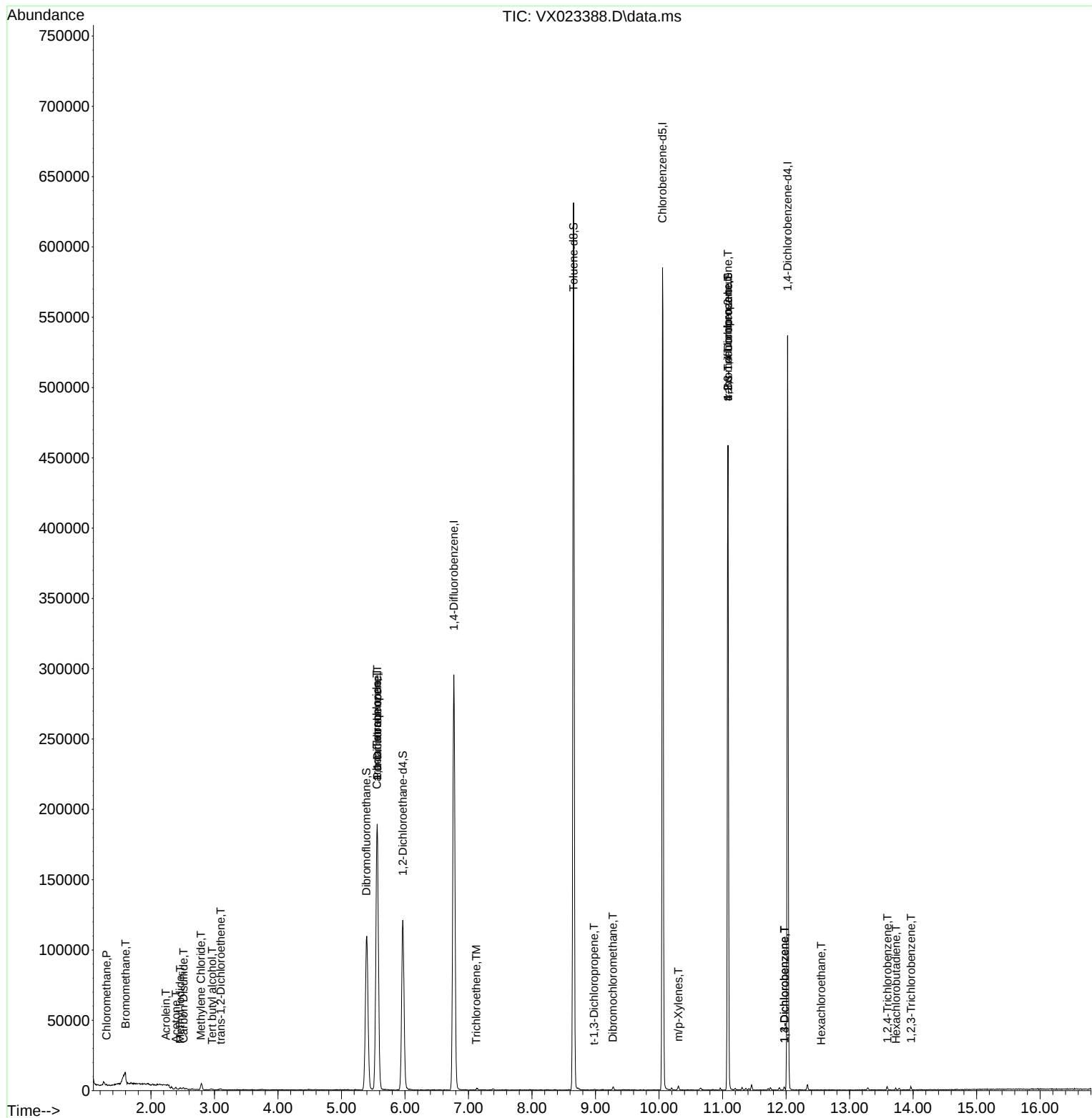
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	389	0.200	ug/l #	71
5) Bromomethane	1.599	94	951	0.815	ug/l	100
10) Methyl Iodide	2.459	142	1176	0.523	ug/l	89
11) Tert butyl alcohol	2.965	59	509	0.986	ug/l #	73
13) Acrolein	2.233	56	55	1.572	ug/l #	1
16) Acetone	2.392	43	1221	1.101	ug/l #	87
17) Carbon Disulfide	2.514	76	1350	0.308	ug/l #	95
20) Methylene Chloride	2.788	84	1894	0.878	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	396	0.209	ug/l	83
36) 1,1-Dichloropropene	5.562	75	13684	4.970	ug/l #	48
38) Carbon Tetrachloride	5.556	117	18154	6.484	ug/l #	17
44) Trichloroethene	7.123	130	455	0.203	ug/l	54
53) t-1,3-Dichloropropene	8.976	75	254	1.890	ug/l #	44
60) Dibromochloromethane	9.275	129	407	2.155	ug/l #	11
68) m/p-Xylenes	10.305	106	788	0.218	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	58754	24.768	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58754	66.597	ug/l #	12
87) 1,3-Dichlorobenzene	11.975	146	887	0.244	ug/l	94
88) 1,4-Dichlorobenzene	11.975	146	887	0.241	ug/l	94
90) Hexachloroethane	12.555	117	58	1.944	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.597	180	769	0.348	ug/l	97
94) Hexachlorobutadiene	13.731	225	295	0.298	ug/l	84
96) 1,2,3-Trichlorobenzene	13.969	180	610	0.274	ug/l	95

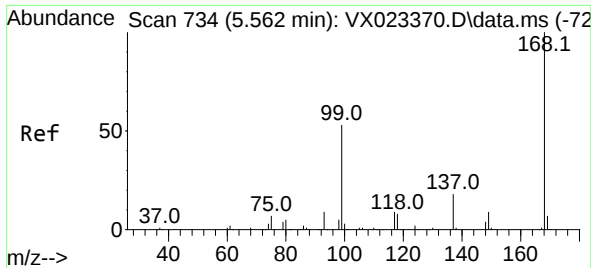
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
Data File : VX023388.D
Acq On : 22 Jul 2021 21:44
Operator : JC/MD
Sample : VX07222WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX07222WBL02

Quant Time: Jul 23 06:10:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

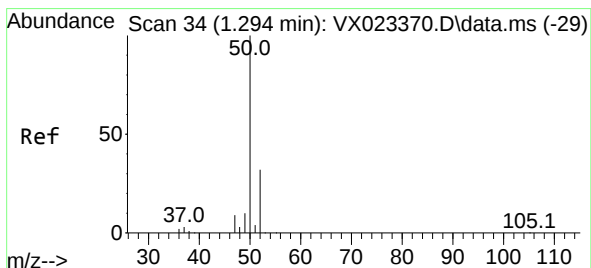
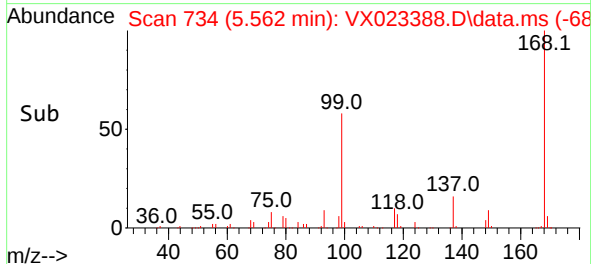
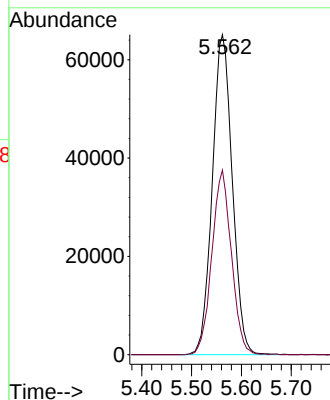
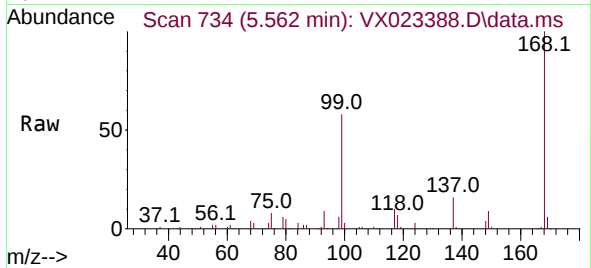




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

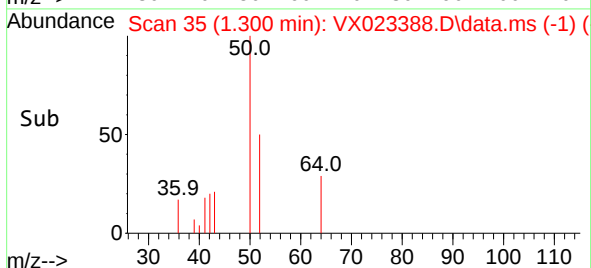
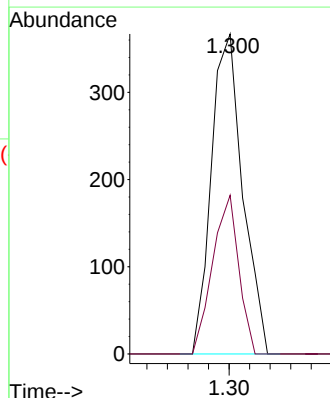
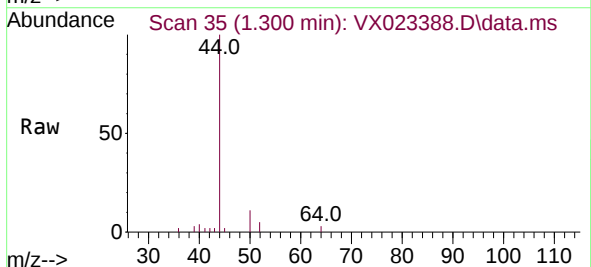
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL02

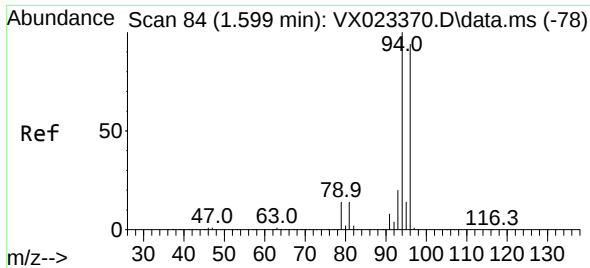
Tgt Ion:168 Resp: 181196
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#3
Chloromethane
Concen: 0.200 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Tgt Ion: 50 Resp: 389
Ion Ratio Lower Upper
50 100
52 49.6 26.4 39.6#

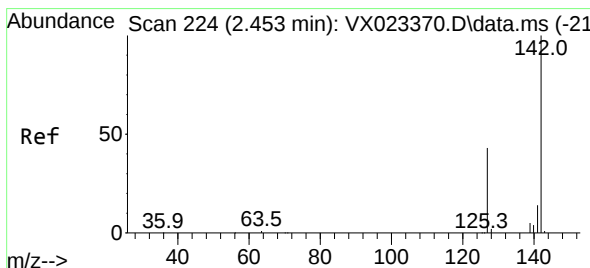
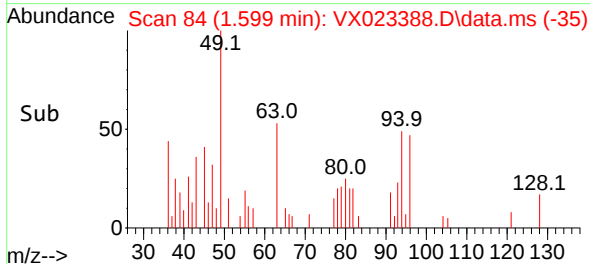
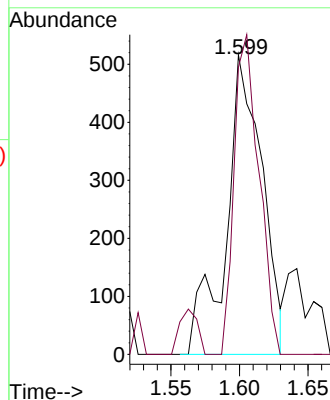
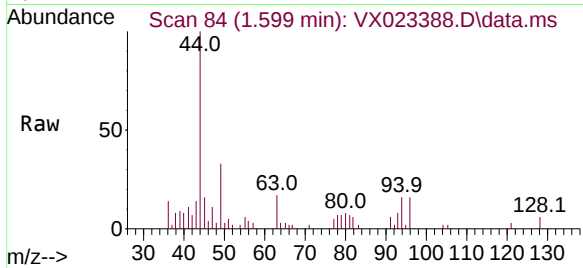




#5
Bromomethane
Concen: 0.815 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

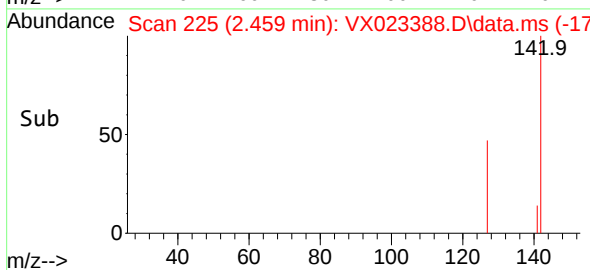
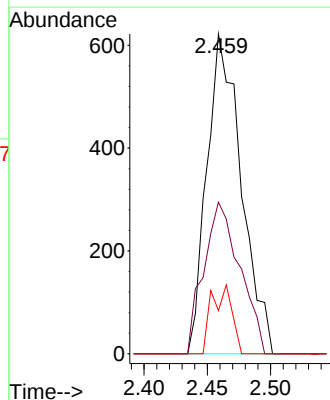
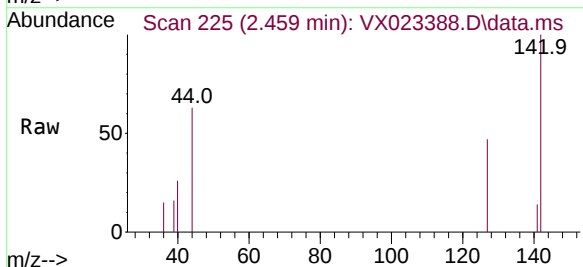
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL02

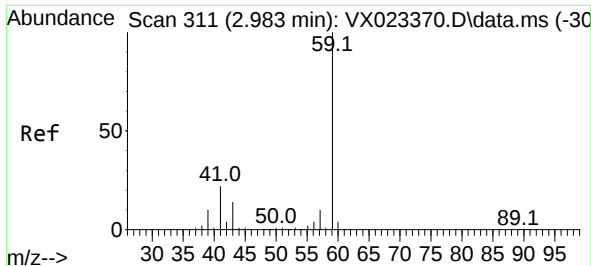
Tgt Ion: 94 Resp: 951
Ion Ratio Lower Upper
94 100
96 95.9 76.4 114.6



#10
Methyl Iodide
Concen: 0.523 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Tgt Ion: 142 Resp: 1176
Ion Ratio Lower Upper
142 100
127 49.8 33.3 49.9
141 12.7 11.4 17.0



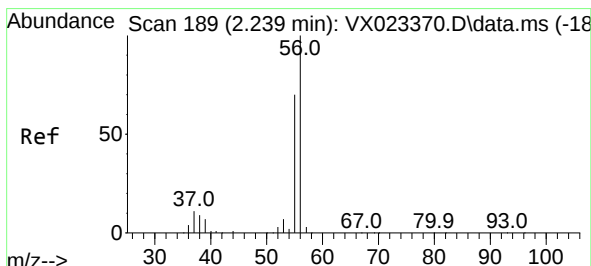
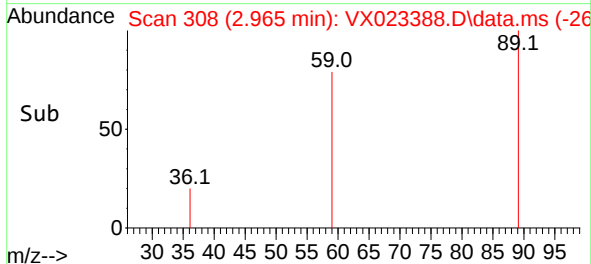
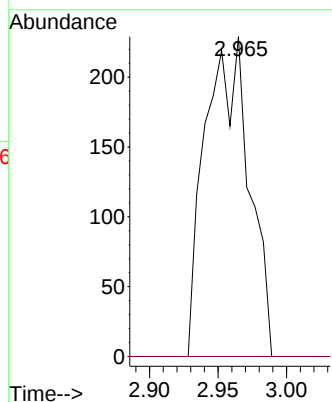
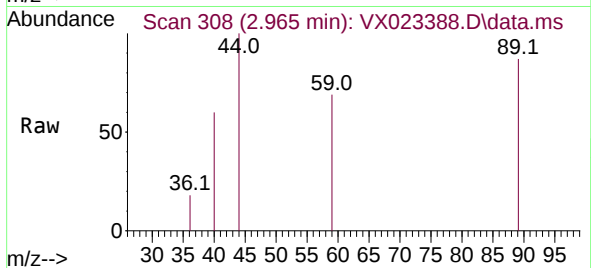


#11

Tert butyl alcohol
Concen: 0.986 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL02

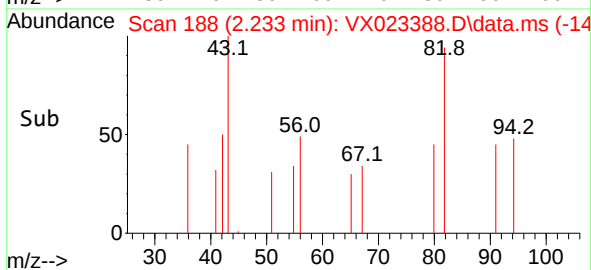
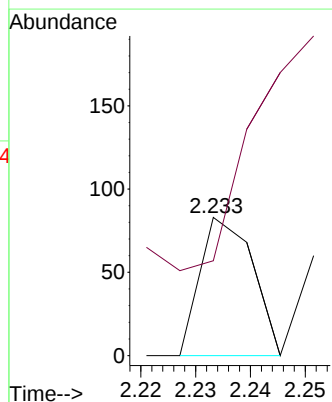
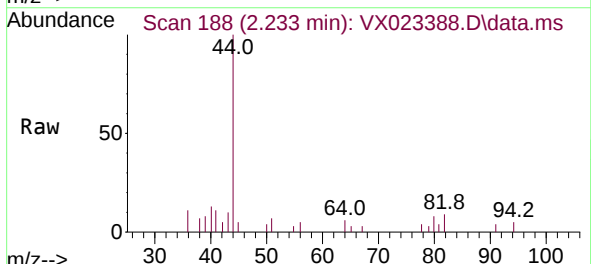
Tgt Ion: 59 Resp: 509
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

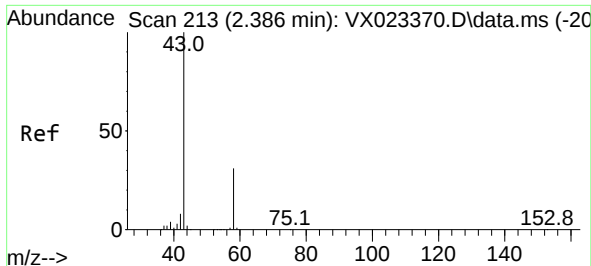


#13

Acrolein
Concen: 1.572 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 901.8 56.4 84.6#

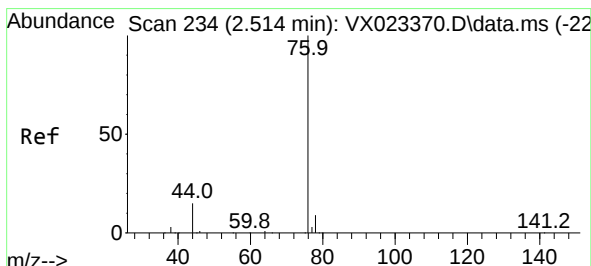
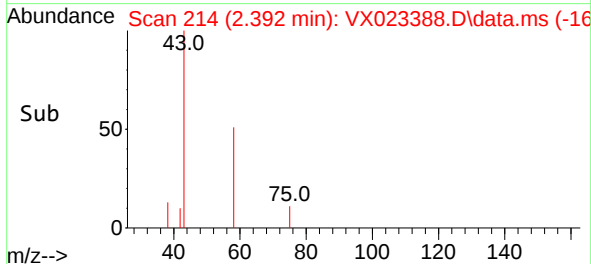
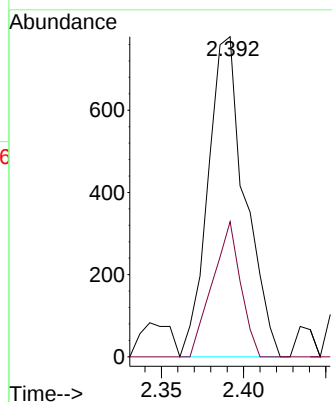
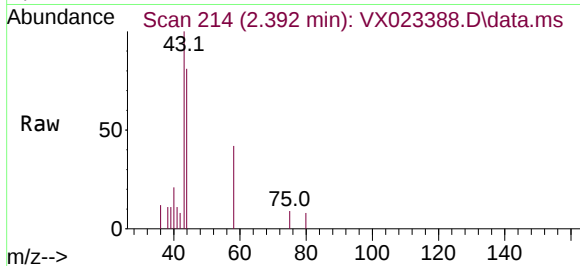




#16
Acetone
Concen: 1.101 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

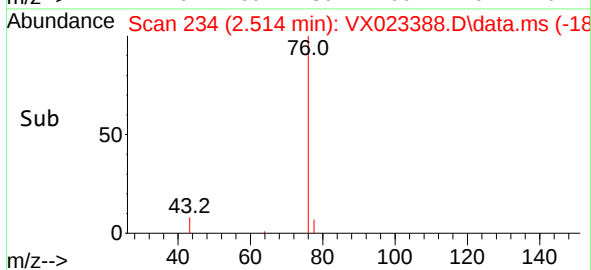
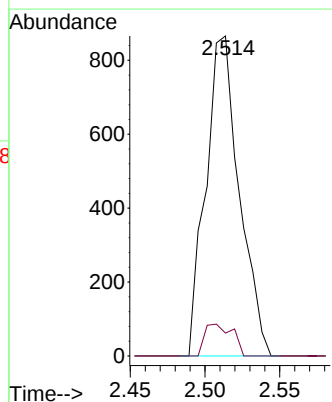
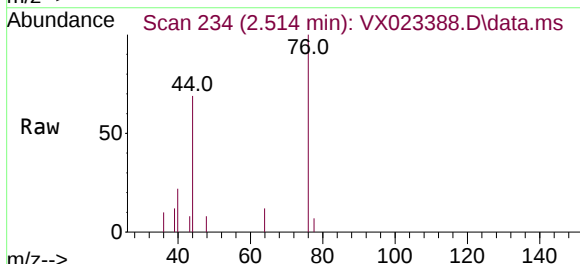
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL02

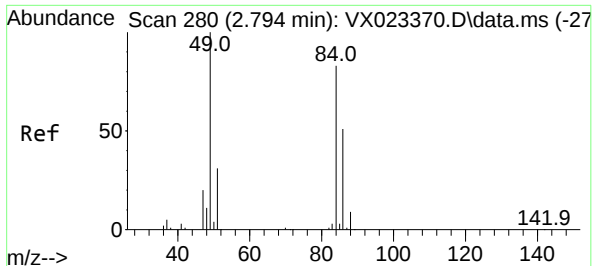
Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
58 42.2 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.308 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Tgt Ion: 76 Resp: 1350
Ion Ratio Lower Upper
76 100
78 7.2 7.2 10.8#

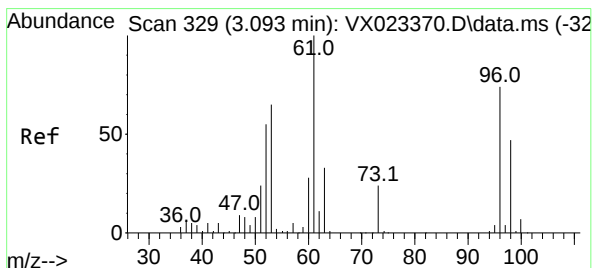
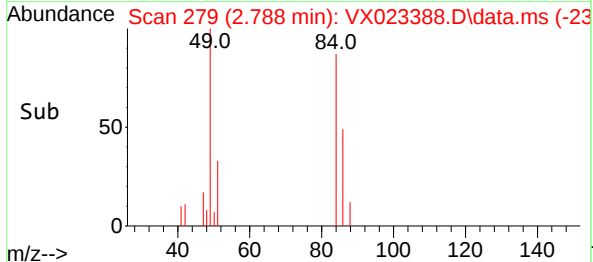
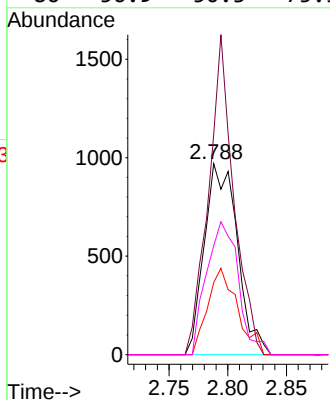
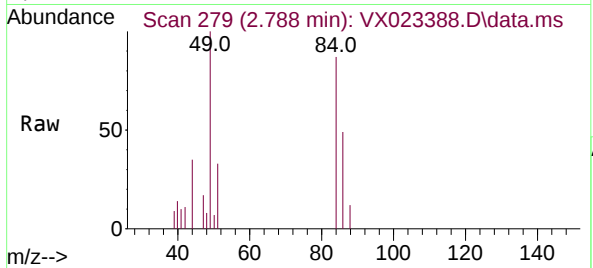




#20
Methylene Chloride
Concen: 0.878 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

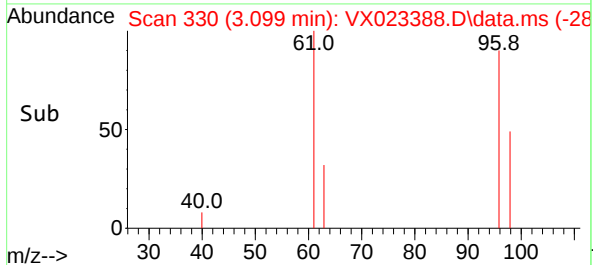
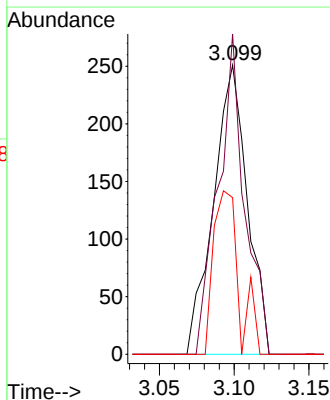
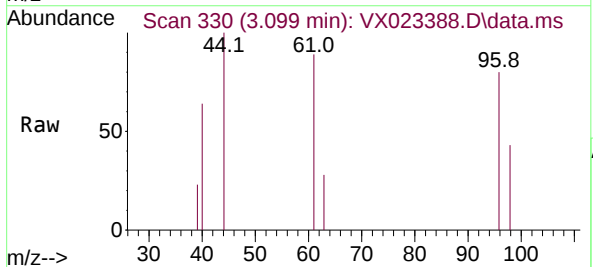
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL02

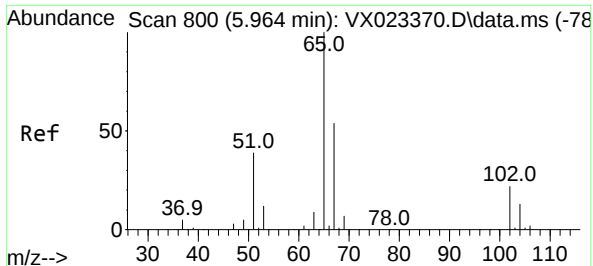
Tgt Ion: 84	Resp: 1894
Ion Ratio	Lower Upper
84 100	
49 115.3	88.6 132.8
51 37.7	27.0 40.6
86 56.9	50.3 75.5



#21
trans-1,2-Dichloroethene
Concen: 0.209 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Tgt Ion: 96	Resp: 396		
Ion	Ratio	Lower	Upper
96	100		
61	110.8	107.7	161.5
98	54.2	50.4	75.6



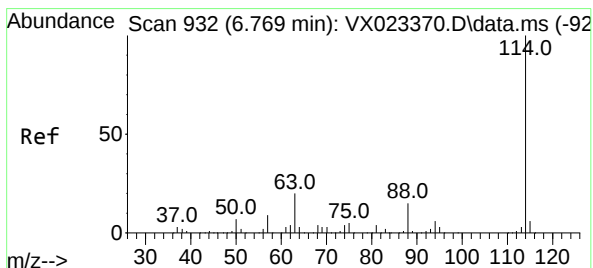
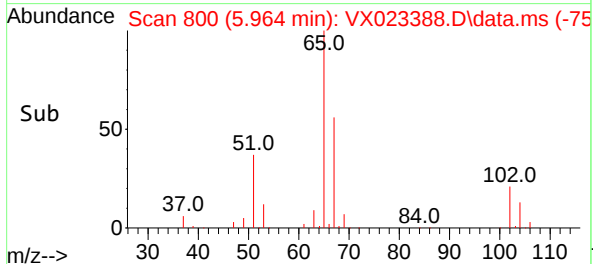
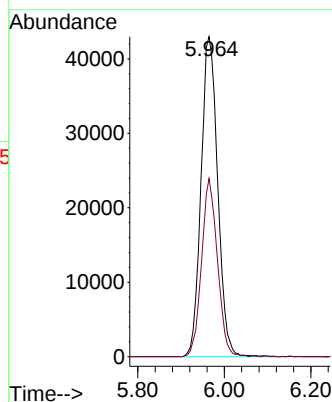
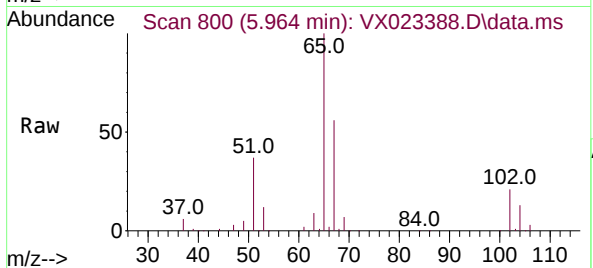


#33

1,2-Dichloroethane-d4
Concen: 50.744 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL02

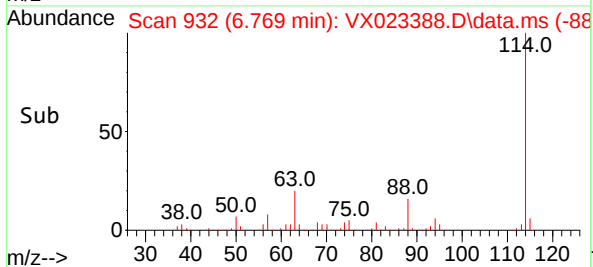
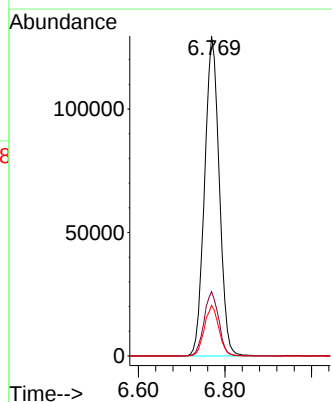
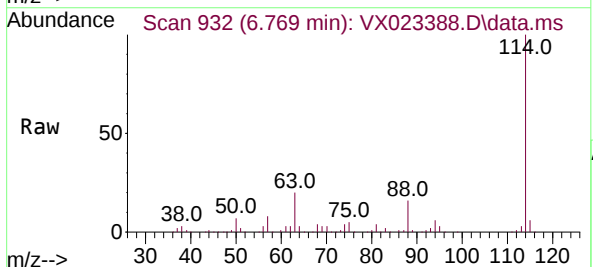
Tgt Ion: 65 Resp: 114695
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

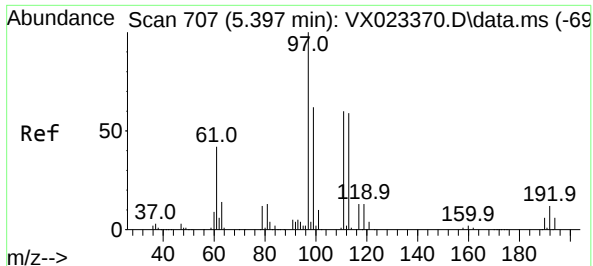


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Tgt Ion: 114 Resp: 304337
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.910 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX023388.D

Acq: 22 Jul 2021 21:44

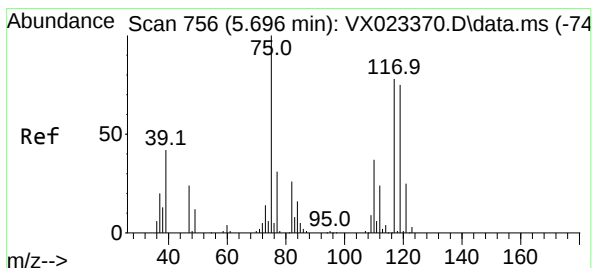
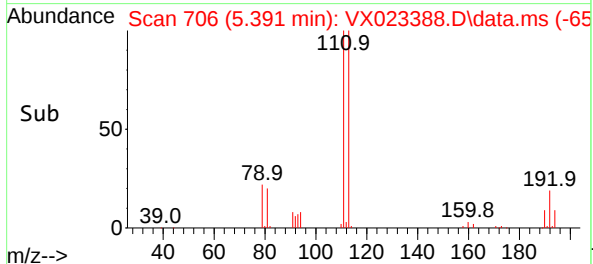
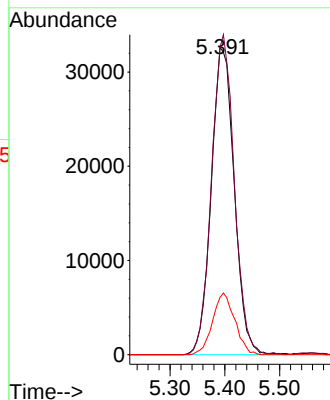
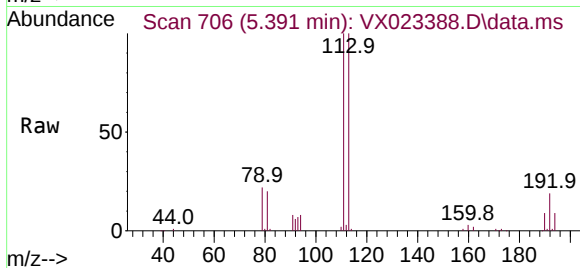
Tgt Ion:113 Resp: 94971

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 19.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.970 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX023388.D

Acq: 22 Jul 2021 21:44

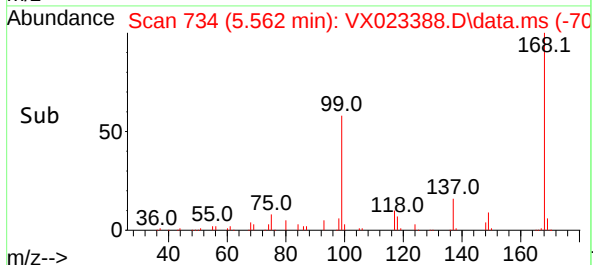
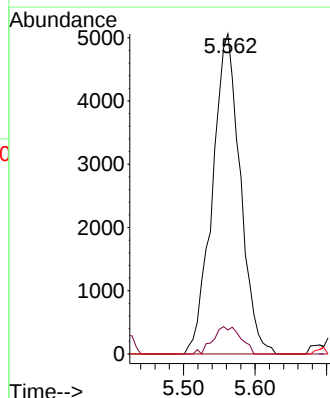
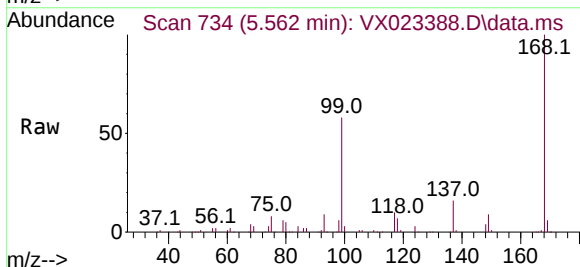
Tgt Ion: 75 Resp: 13684

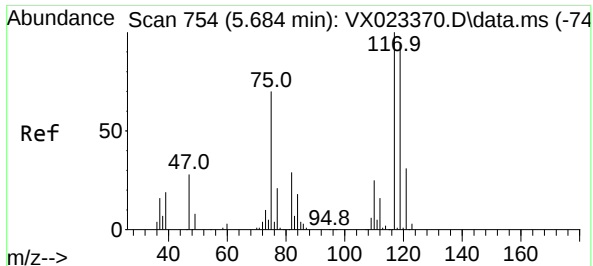
Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.4#

77 0.0 25.3 37.9#

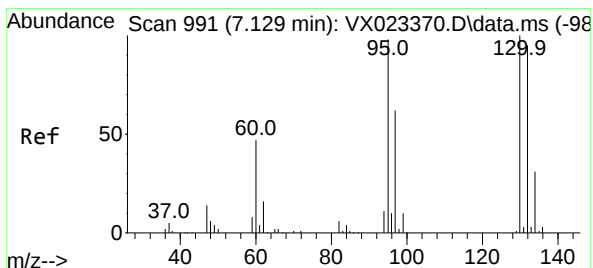
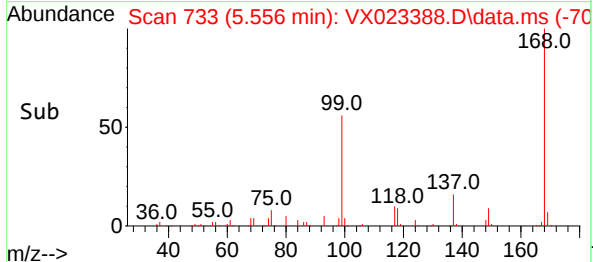
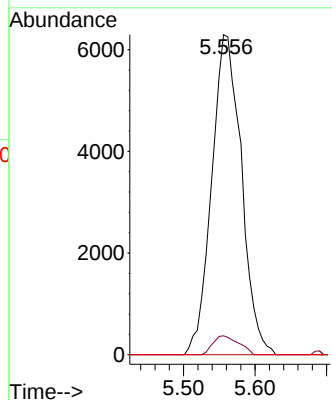
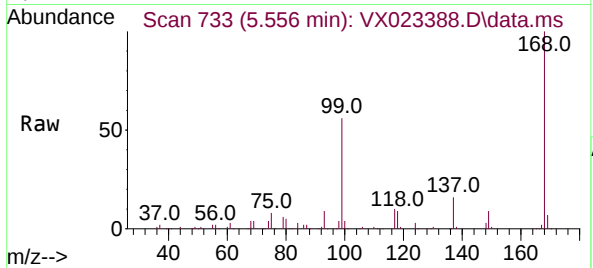




#38
Carbon Tetrachloride
Concen: 6.484 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

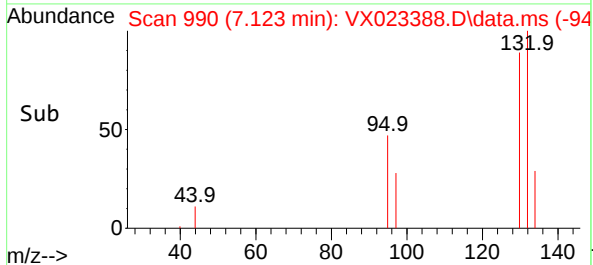
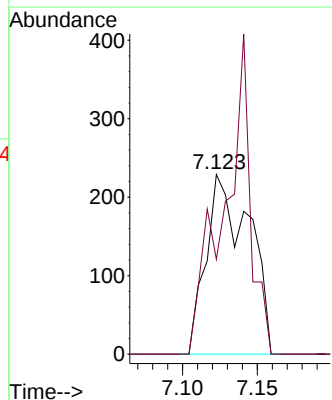
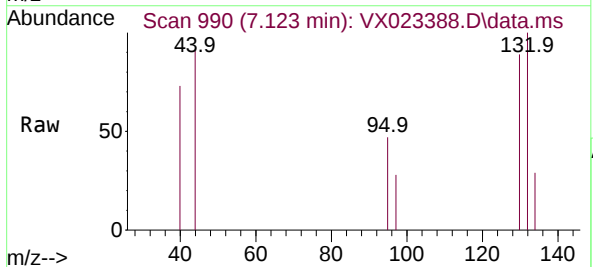
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL02

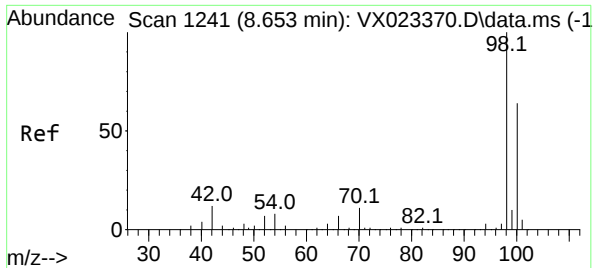
Tgt Ion:117 Resp: 18154
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.203 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Tgt Ion:130 Resp: 455
Ion Ratio Lower Upper
130 100
95 52.8 0.0 198.0

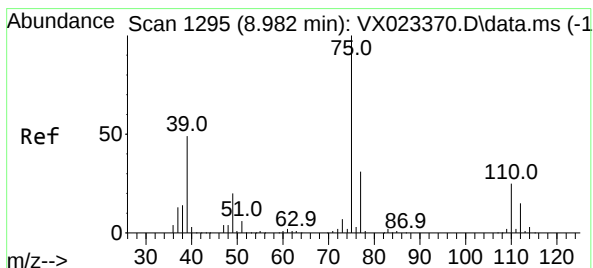
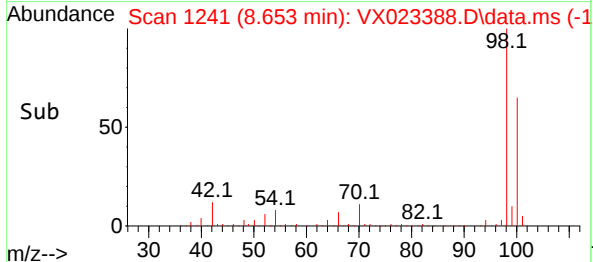
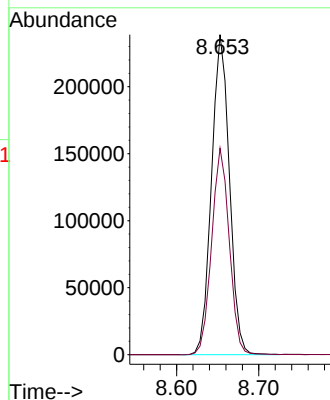
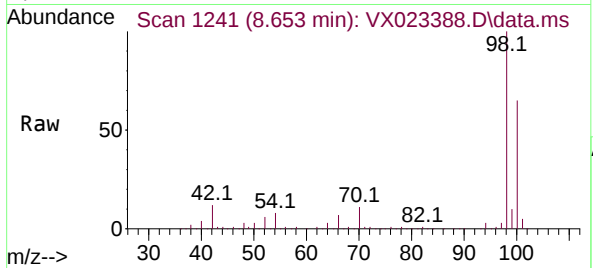




#50
Toluene-d8
Concen: 51.663 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

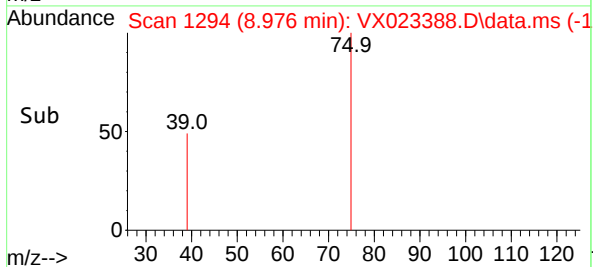
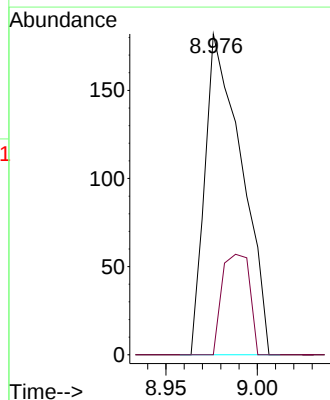
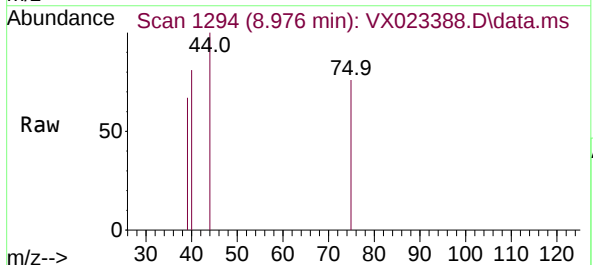
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL02

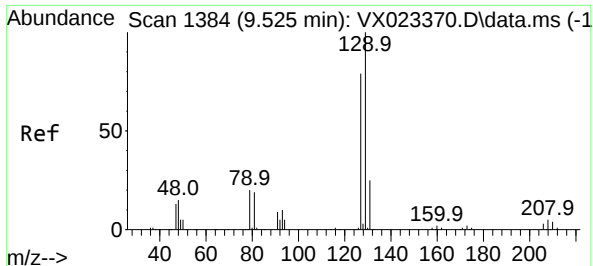
Tgt Ion: 98 Resp: 361185
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 1.890 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Tgt Ion: 75 Resp: 254
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 2.155 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX023388.D

Acq: 22 Jul 2021 21:44

Instrument :

MSVOA_X

ClientSampleId :

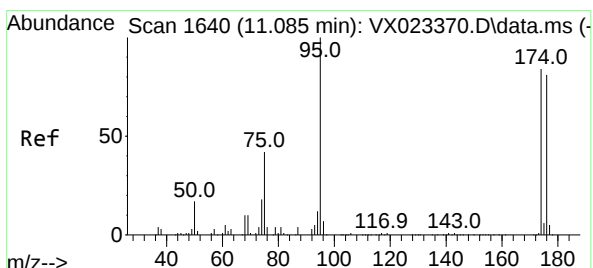
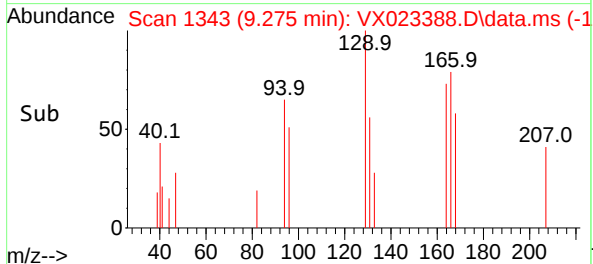
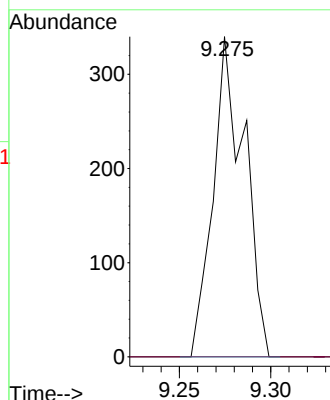
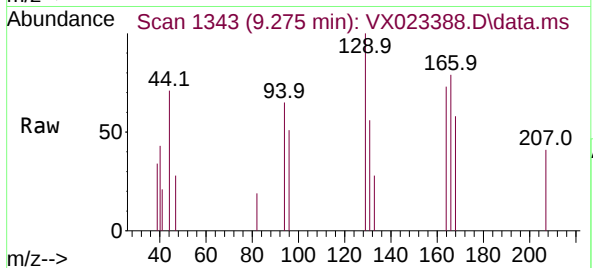
VX0722WBL02

Tgt Ion:129 Resp: 407

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 49.519 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023388.D

Acq: 22 Jul 2021 21:44

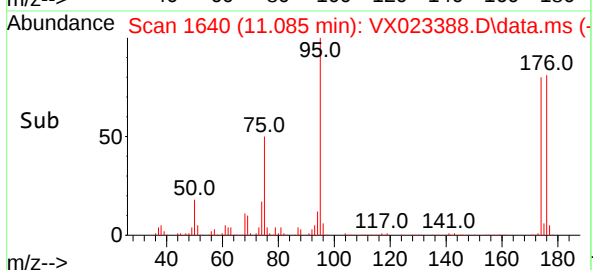
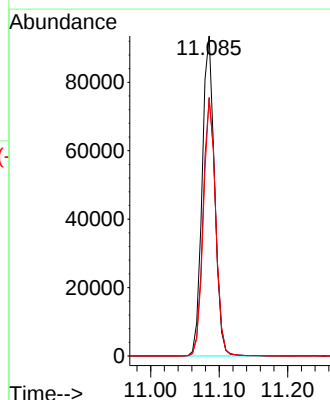
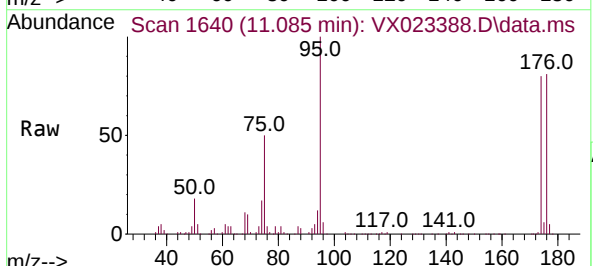
Tgt Ion: 95 Resp: 117719

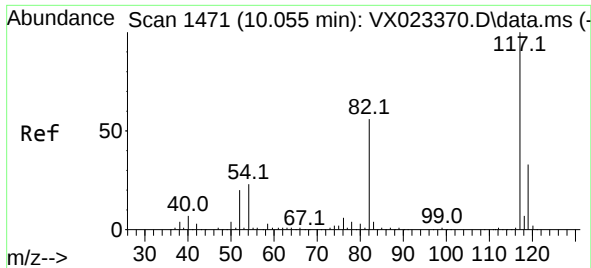
Ion Ratio Lower Upper

95 100

174 81.9 0.0 154.6

176 79.6 0.0 155.8

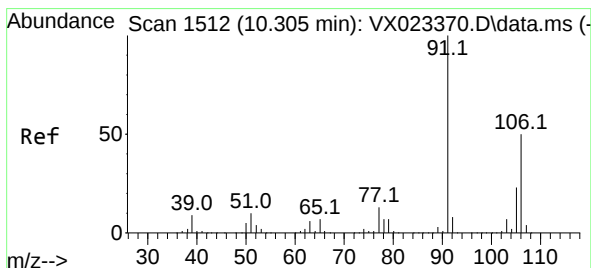
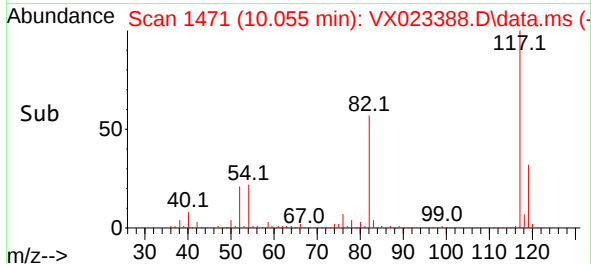
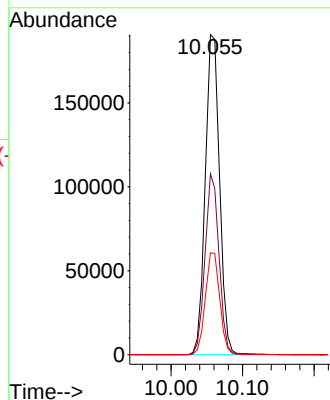
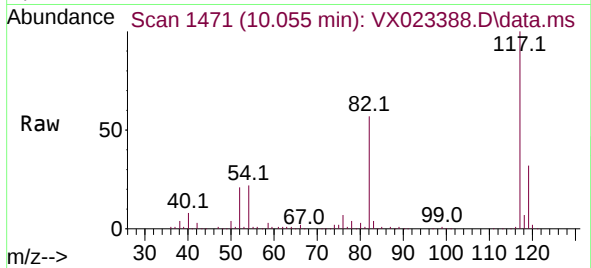




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

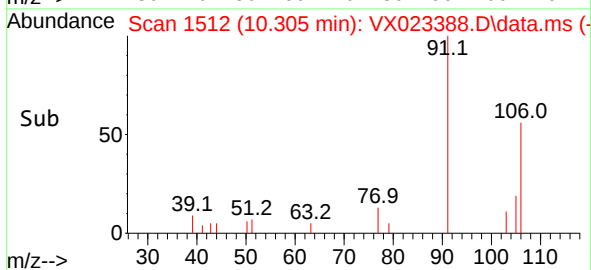
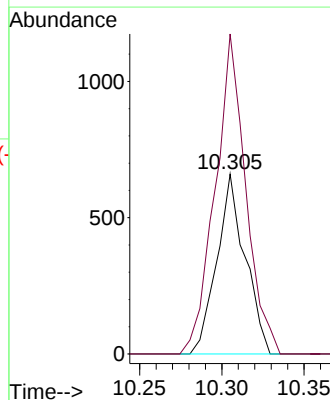
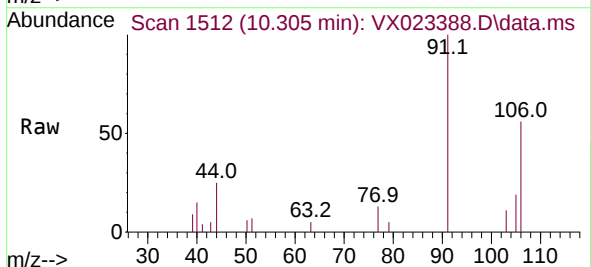
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL02

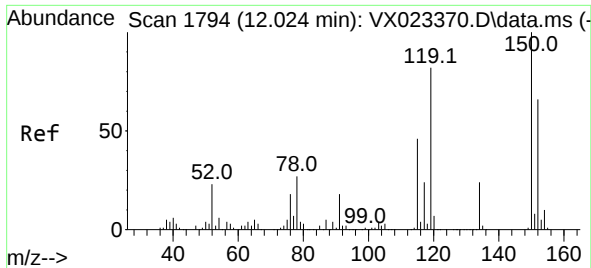
Tgt Ion:117 Resp: 265245
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.8 26.6 39.8



#68
m/p-Xylenes
Concen: 0.218 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Tgt Ion:106 Resp: 788
Ion Ratio Lower Upper
106 100
91 192.8 162.8 244.2

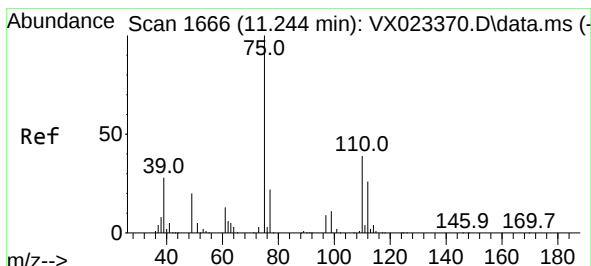
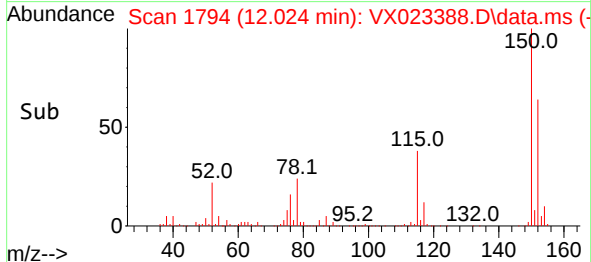
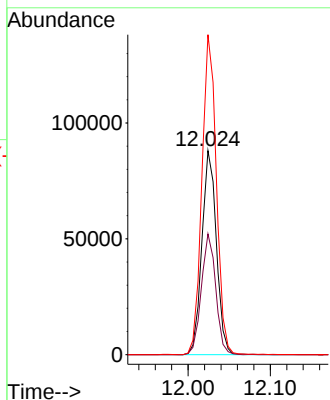
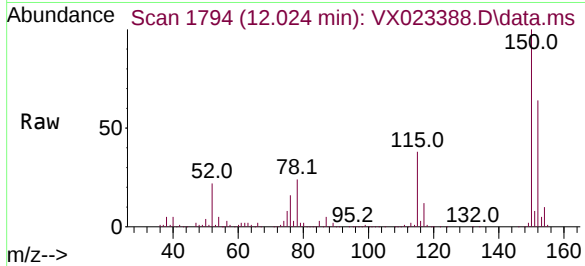




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023388.D
 Acq: 22 Jul 2021 21:44

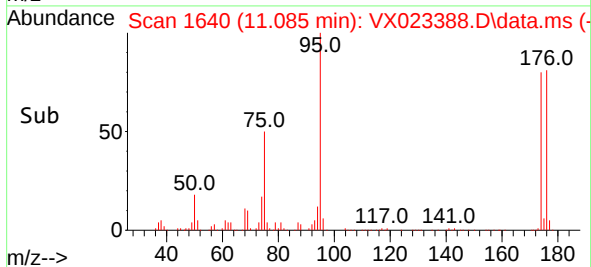
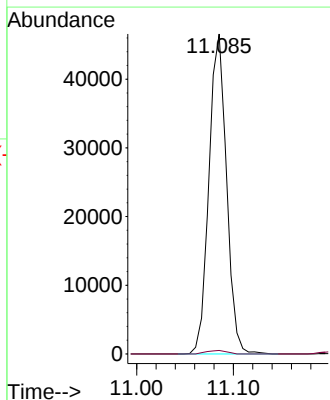
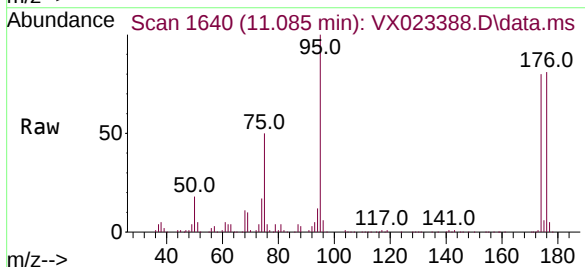
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBL02

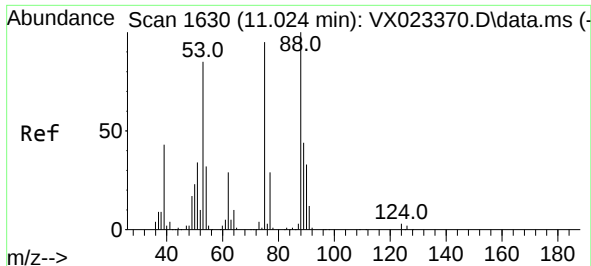
Tgt Ion:152 Resp: 107800
 Ion Ratio Lower Upper
 152 100
 115 58.6 41.1 123.3
 150 156.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.768 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023388.D
 Acq: 22 Jul 2021 21:44

Tgt Ion: 75 Resp: 58754
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

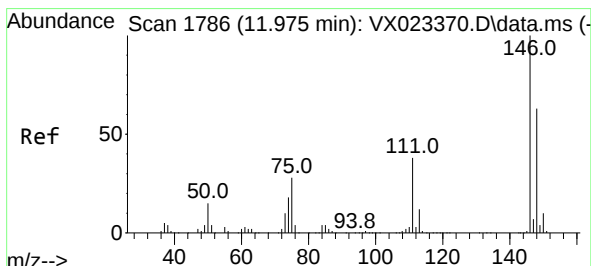
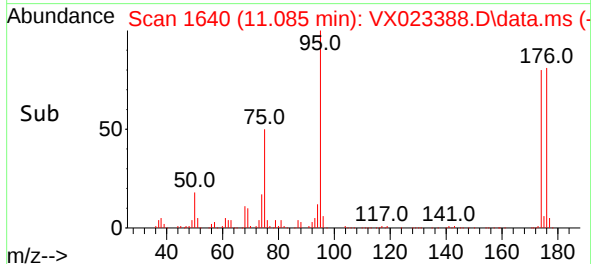
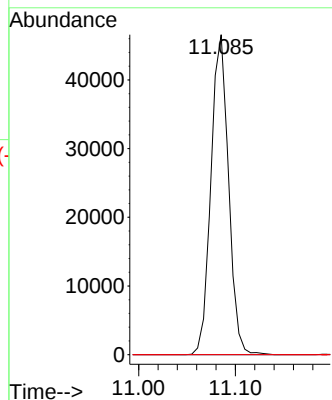
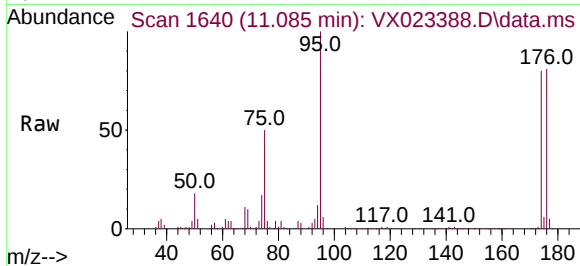




#81
trans-1,4-Dichloro-2-butene
Concen: 66.597 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

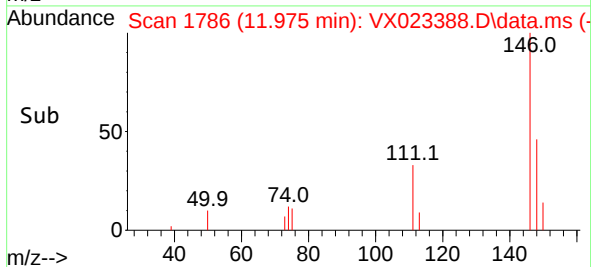
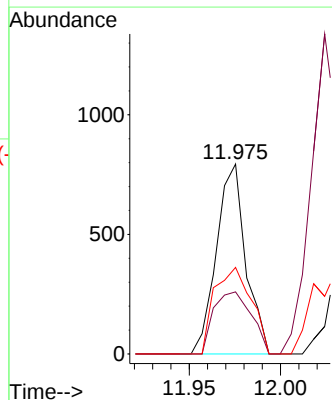
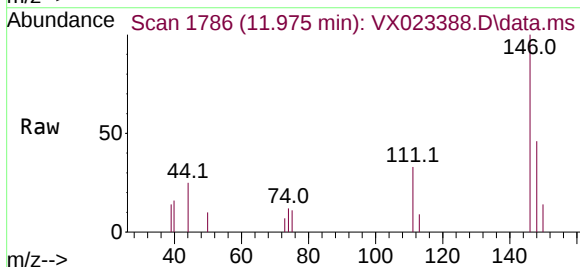
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL02

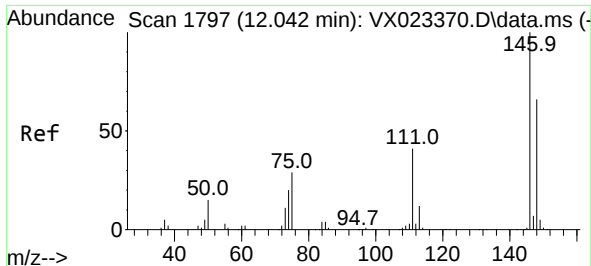
Tgt Ion: 75 Resp: 58754
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#87
1,3-Dichlorobenzene
Concen: 0.244 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Tgt Ion:146 Resp: 887
Ion Ratio Lower Upper
146 100
111 41.9 20.2 60.5
148 57.3 31.9 95.7

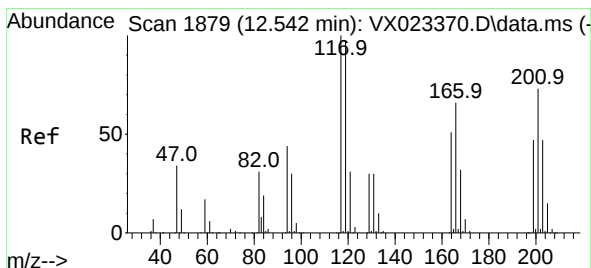
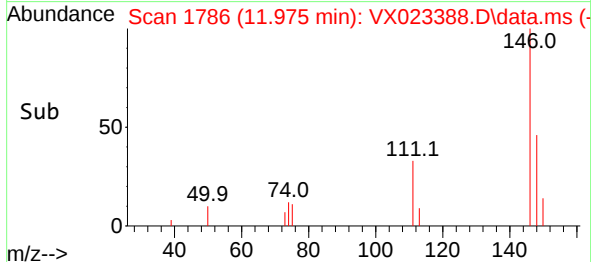
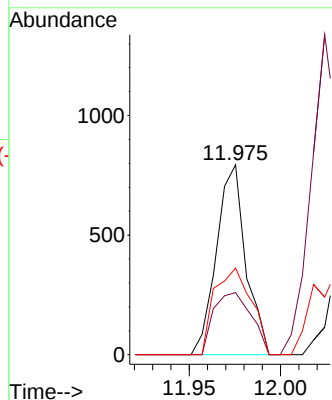
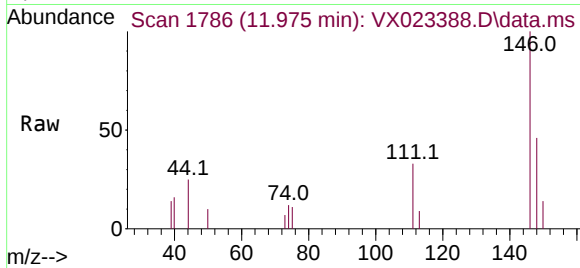




#88
1,4-Dichlorobenzene
Concen: 0.241 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.067 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

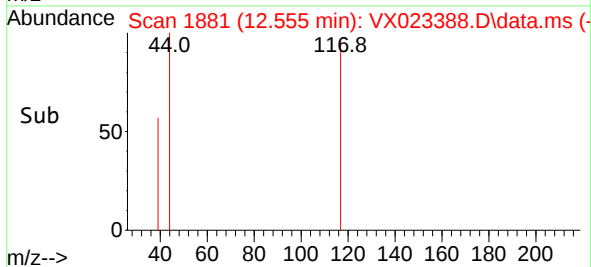
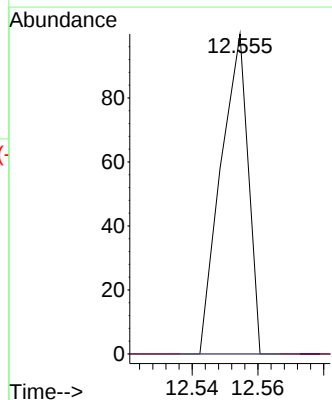
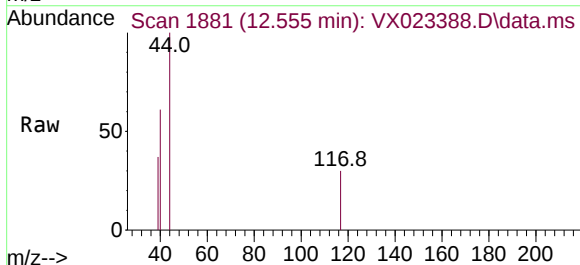
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL02

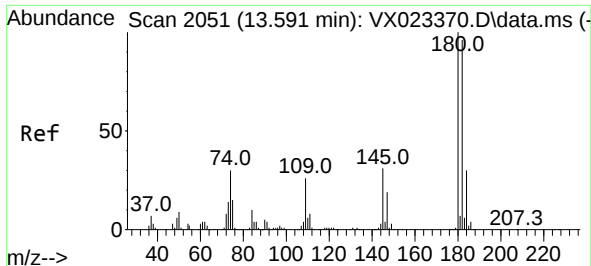
Tgt Ion:146 Resp: 887
Ion Ratio Lower Upper
146 100
111 41.9 19.6 58.8
148 57.3 31.6 95.0



#90
Hexachloroethane
Concen: 1.944 ug/l
RT: 12.555 min Scan# 1881
Delta R.T. 0.013 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Tgt Ion:117 Resp: 58
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

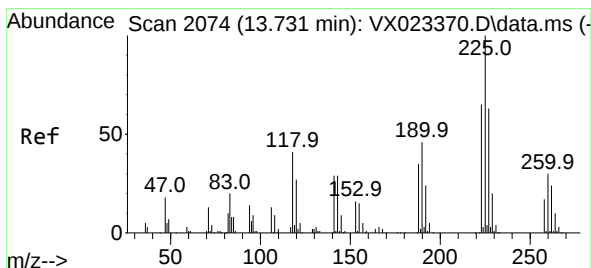
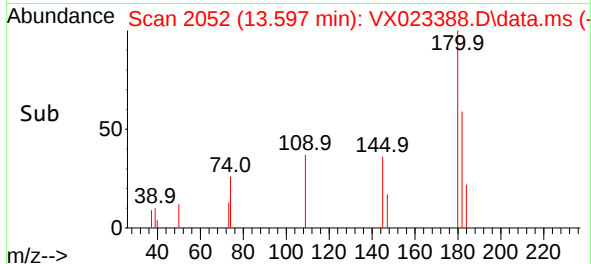
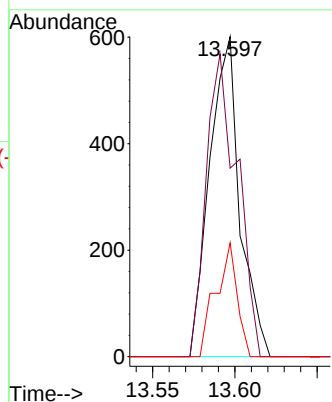
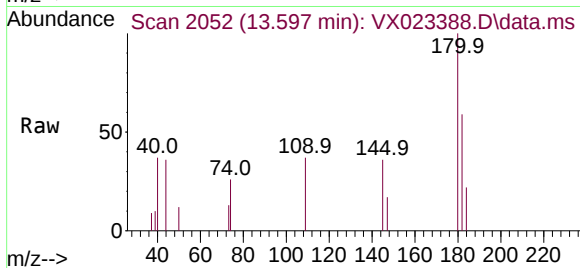




#93
1,2,4-Trichlorobenzene
Concen: 0.348 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

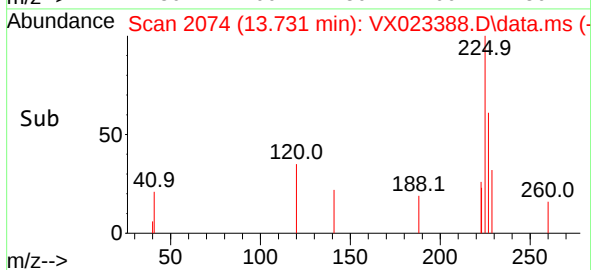
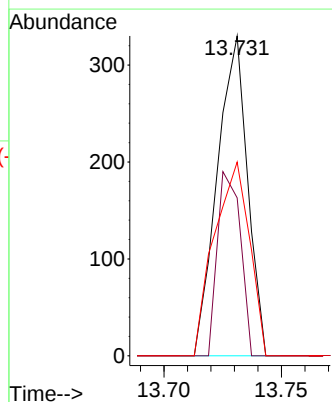
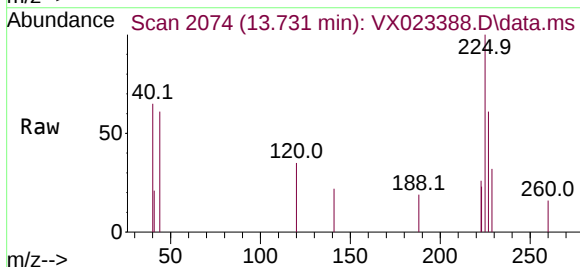
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL02

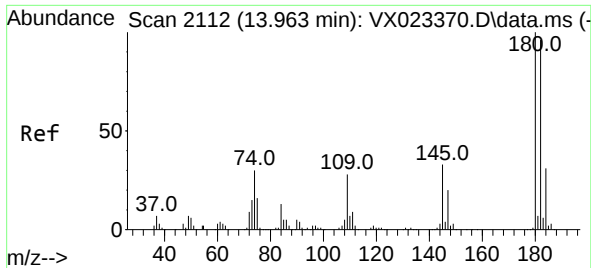
Tgt Ion:180 Resp: 769
Ion Ratio Lower Upper
180 100
182 96.7 47.7 143.1
145 25.1 15.0 45.0



#94
Hexachlorobutadiene
Concen: 0.298 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VX023388.D
Acq: 22 Jul 2021 21:44

Tgt Ion:225 Resp: 295
Ion Ratio Lower Upper
225 100
223 43.7 31.1 93.2
227 70.5 31.6 95.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.274 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX023388.D
 Acq: 22 Jul 2021 21:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBL02

Tgt Ion:180 Resp: 610
 Ion Ratio Lower Upper
 180 100
 182 90.2 47.6 142.9
 145 30.0 16.1 48.3

