

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
 Data File : VX021984.D
 Acq On : 14 May 2021 10:48
 Operator : JC/MD
 Sample : VX0514WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

Quant Time: May 15 01:01:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

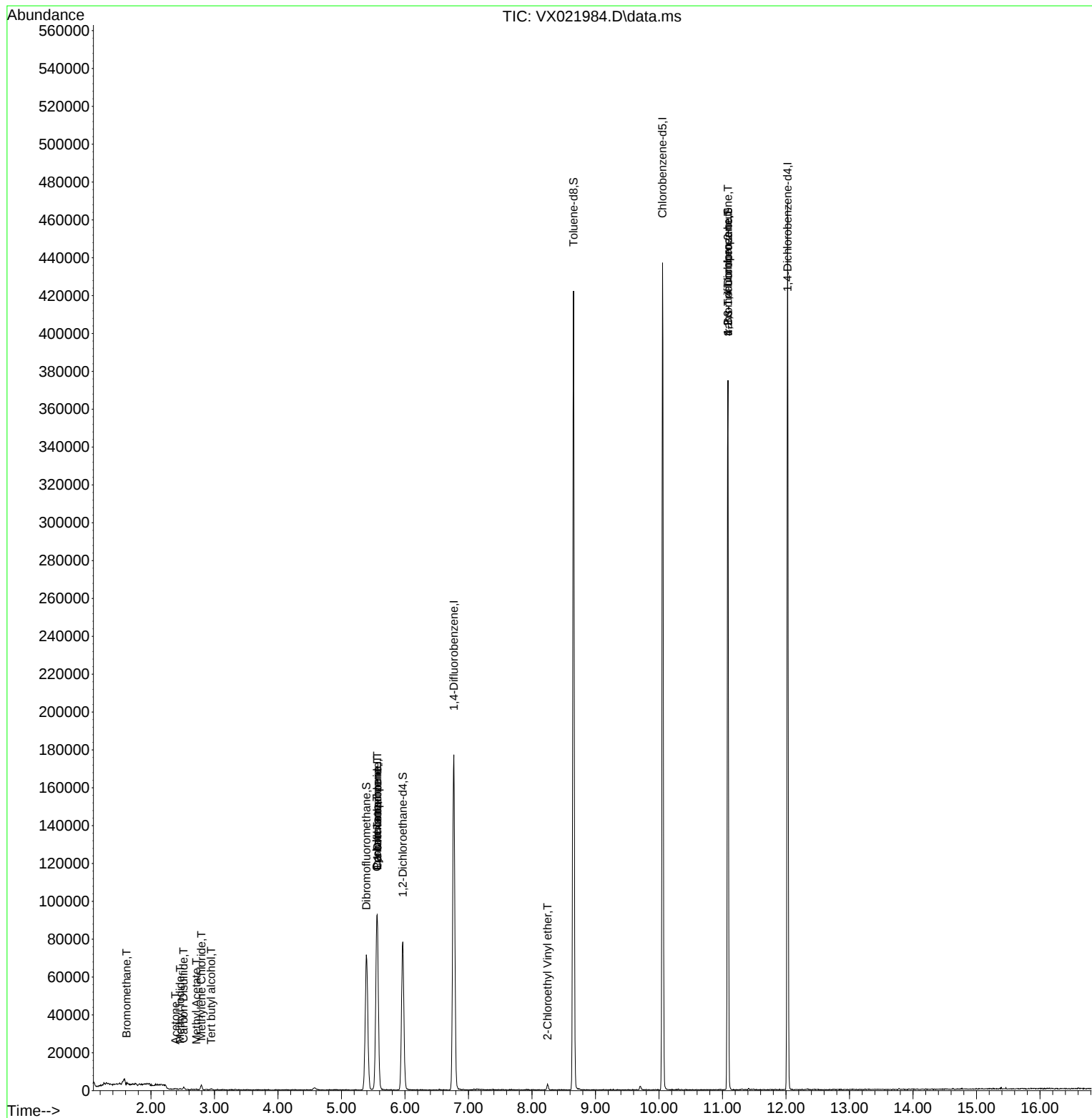
Internal Standards						
1) Pentafluorobenzene	5.562	168	83755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	179980	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	70090	50.85	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.70%			
35) Dibromofluoromethane	5.391	113	61787	50.09	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.18%			
50) Toluene-d8	8.653	98	241982	51.41	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.82%			
62) 4-Bromofluorobenzene	11.085	95	105474	56.78	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.56%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	209	0.37	ug/l #	32
10) Methyl Iodide	2.459	142	569	0.45	ug/l #	87
11) Tert butyl alcohol	2.947	59	225	0.61	ug/l #	73
13) Acrolein	2.221	56	147	Below Cal	#	14
16) Acetone	2.386	43	787	1.27	ug/l #	40
17) Carbon Disulfide	2.514	76	1651	0.52	ug/l #	89
18) Methyl Acetate	2.715	43	507	0.30	ug/l #	47
20) Methylene Chloride	2.794	84	1081	0.99	ug/l #	91
31) Cyclohexane	5.556	56	2186	1.20	ug/l #	42
36) 1,1-Dichloropropene	5.562	75	7946	4.17	ug/l #	48
38) Carbon Tetrachloride	5.562	117	8833	4.63	ug/l #	17
58) 2-Chloroethyl Vinyl ether	8.245	63	1285	1.02	ug/l #	77
76) 1,2,3-Trichloropropane	11.085	75	53641	21.89	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53641	50.78	ug/l #	12

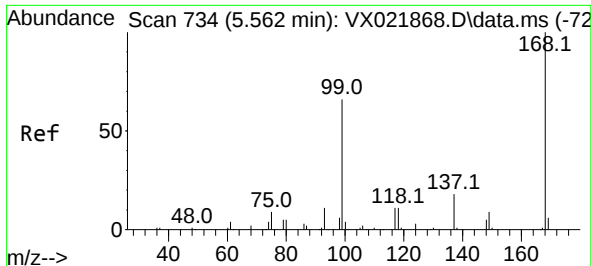
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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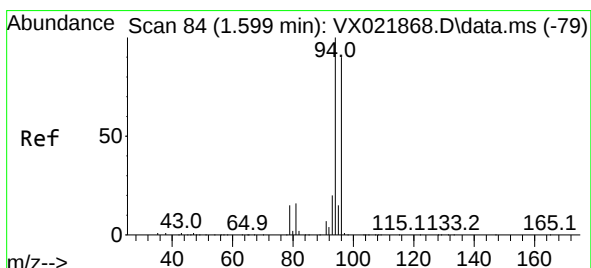
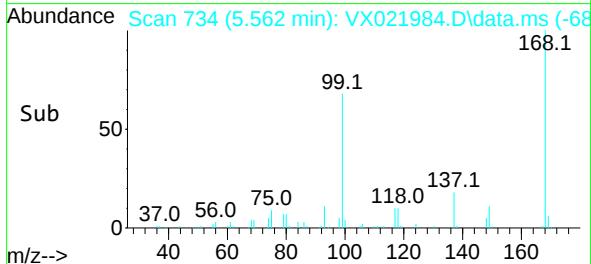
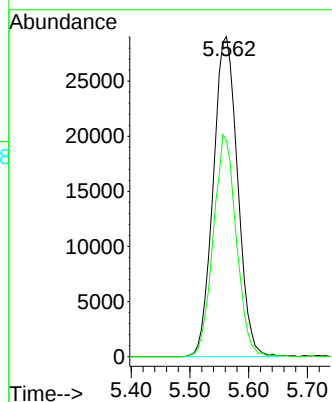
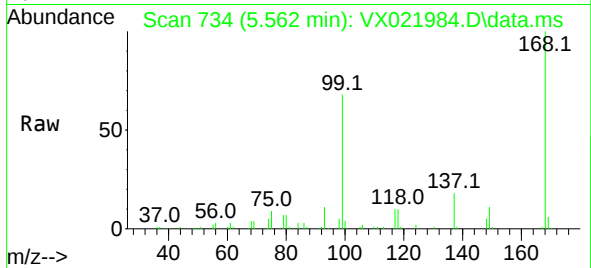




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

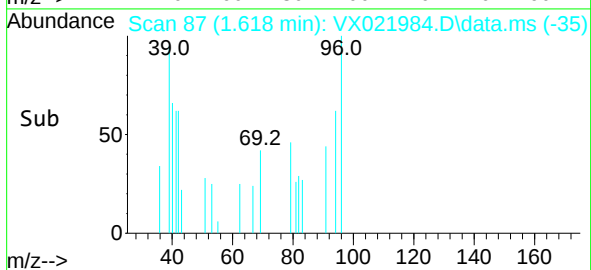
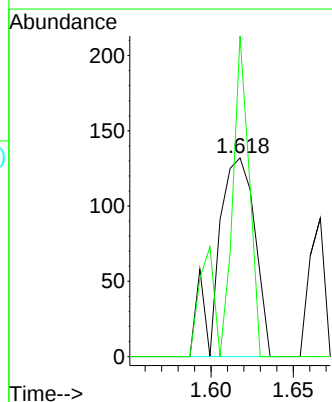
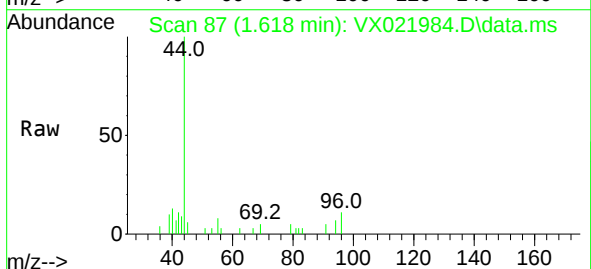
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

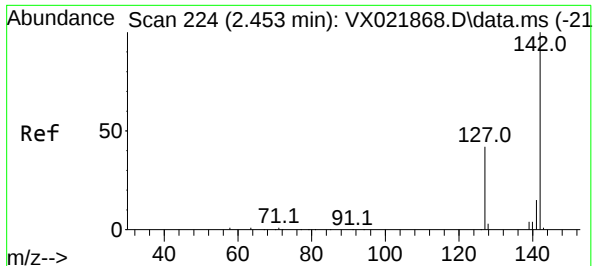
Tgt Ion:168 Resp: 83755
Ion Ratio Lower Upper
168 100
99 67.6 45.8 68.6



#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

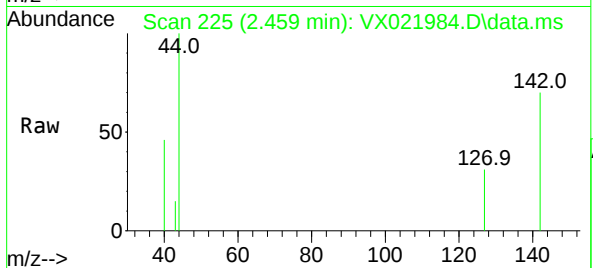
Tgt Ion: 94 Resp: 209
Ion Ratio Lower Upper
94 100
96 161.4 76.4 114.6#



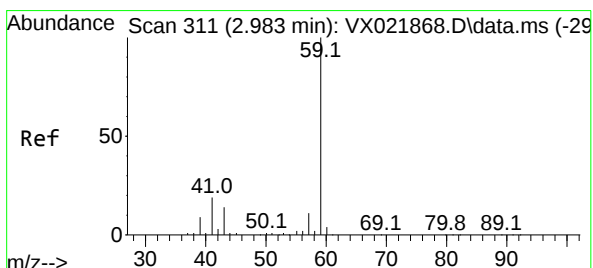
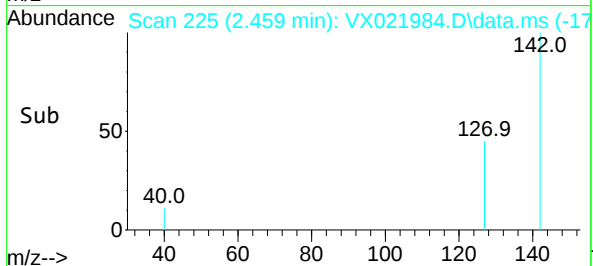
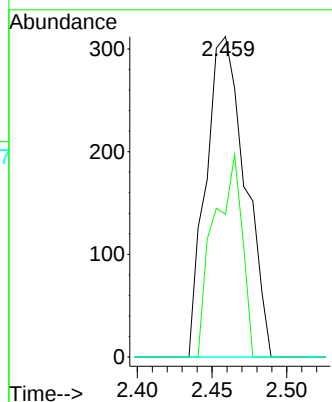


#10
Methyl Iodide
Concen: 0.45 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

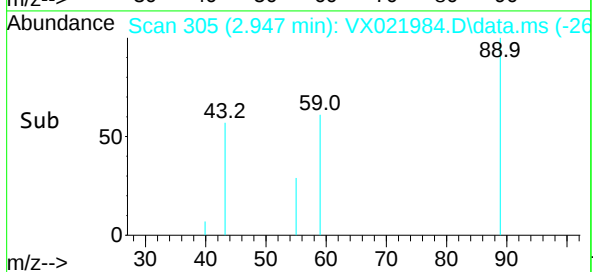
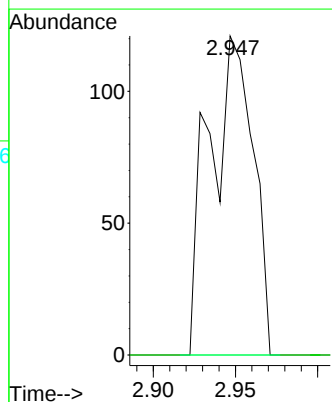
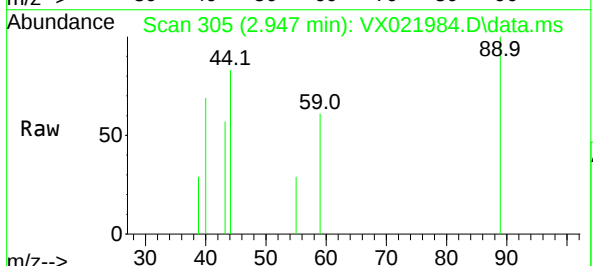


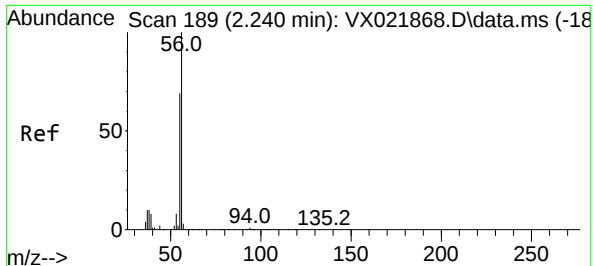
Tgt Ion:142 Resp: 569
Ion Ratio Lower Upper
142 100
127 45.2 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.61 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

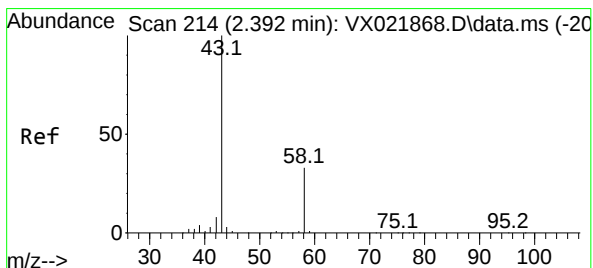
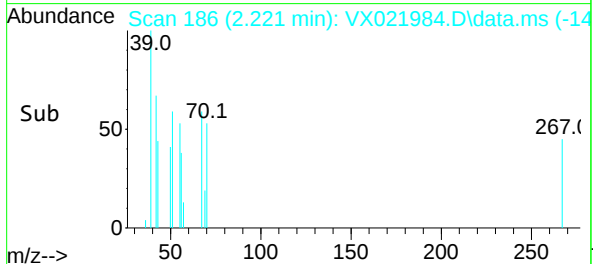
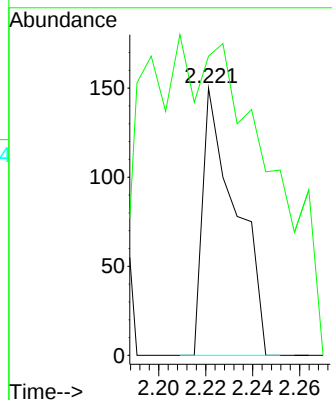
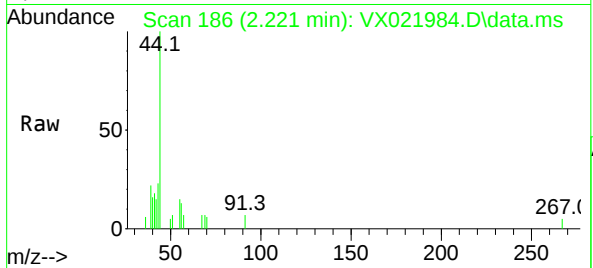




#13
Acrolein
Concen: Below Cal
RT: 2.221 min Scan# 186
Delta R.T. -0.019 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

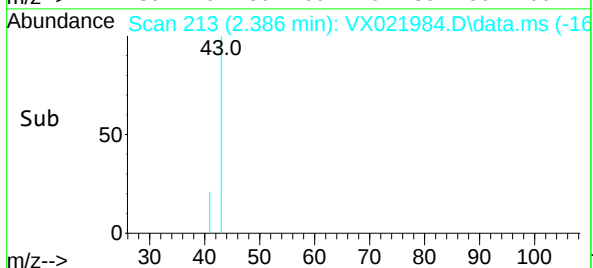
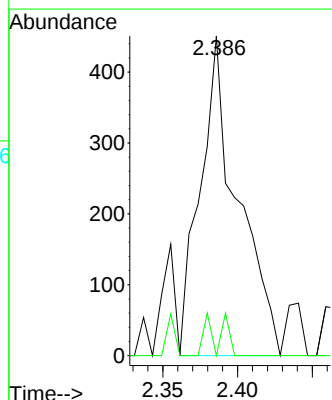
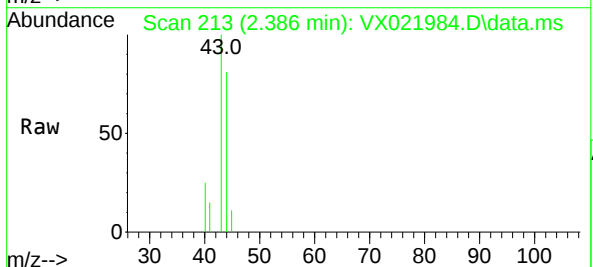
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

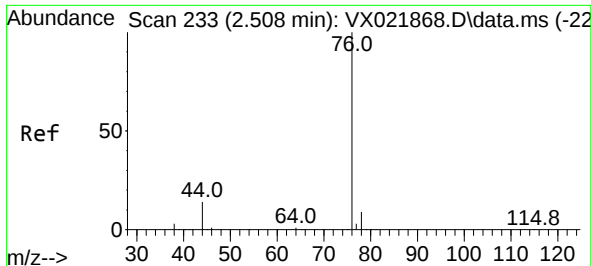
Tgt Ion: 56 Resp: 147
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.27 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

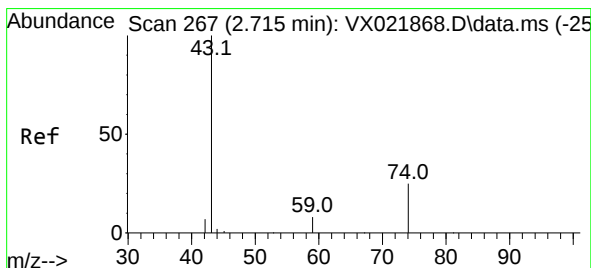
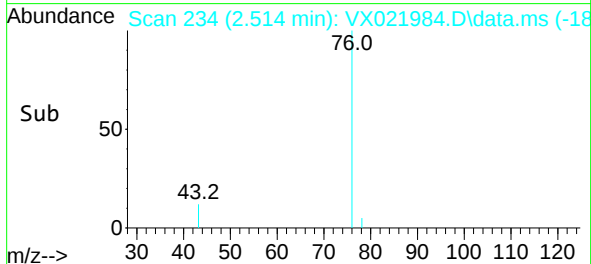
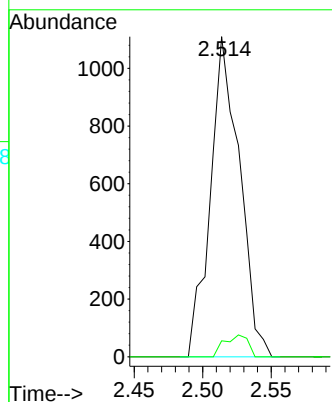
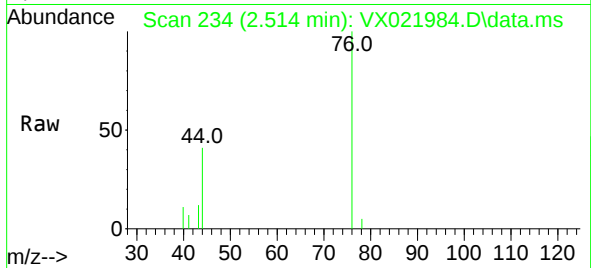




#17
Carbon Disulfide
Concen: 0.52 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

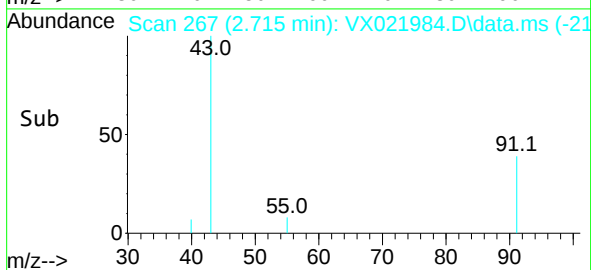
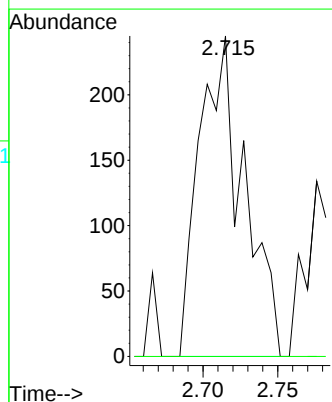
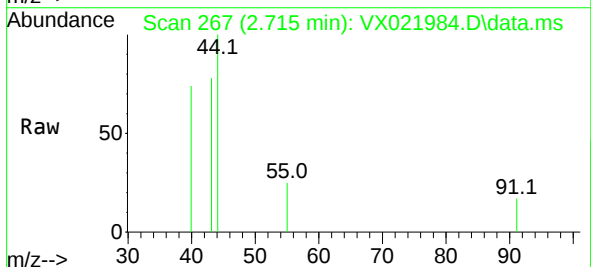
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

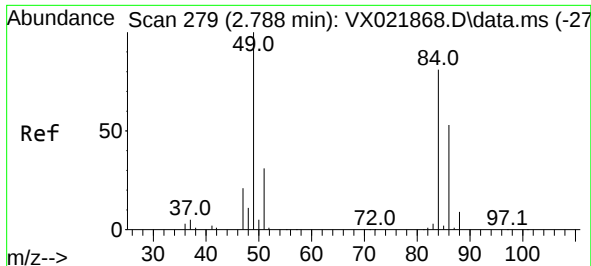
Tgt Ion: 76 Resp: 1651
Ion Ratio Lower Upper
76 100
78 5.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

Tgt Ion: 43 Resp: 507
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



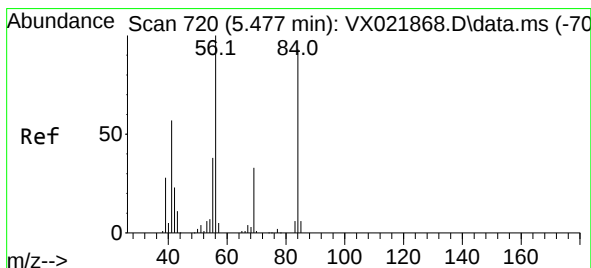
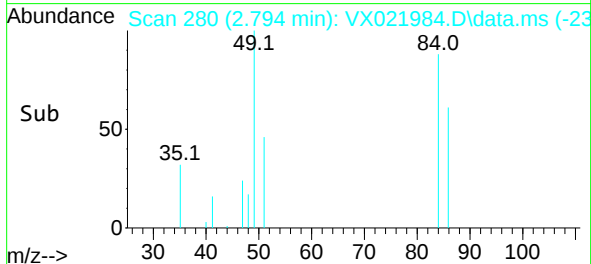
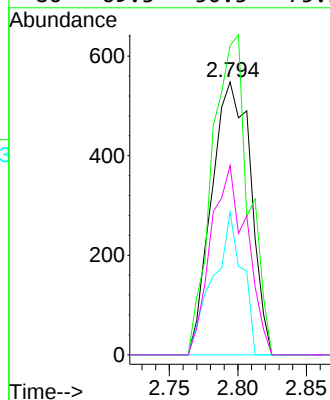
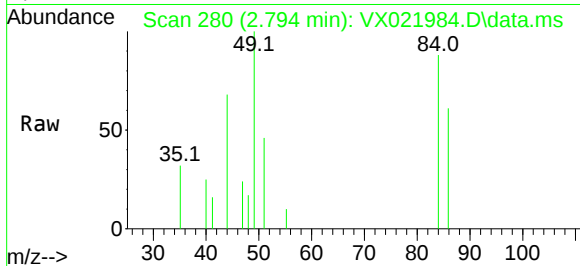


#20
Methylene Chloride
Concen: 0.99 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Tgt Ion: 84 Resp: 1081

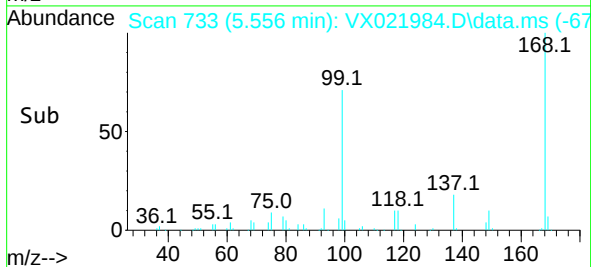
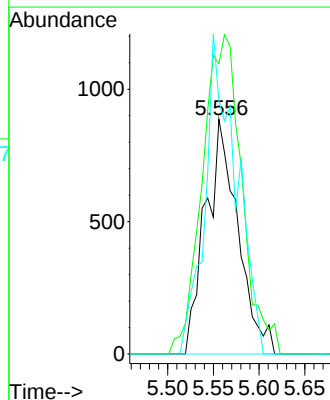
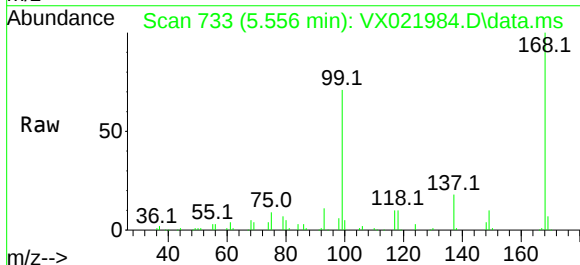
Ion	Ratio	Lower	Upper
84	100		
49	113.3	88.6	132.8
51	52.4	27.0	40.6#
86	69.3	50.3	75.5

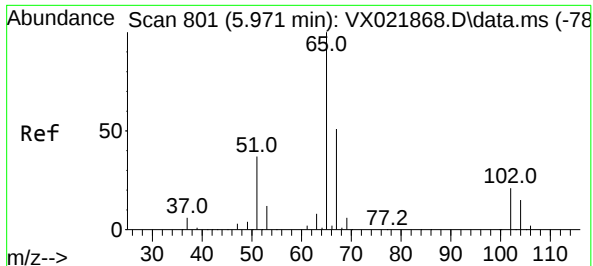


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

Tgt Ion: 56 Resp: 2186

Ion	Ratio	Lower	Upper
56	100		
69	123.7	25.3	37.9#
84	107.9	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.85 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX021984.D

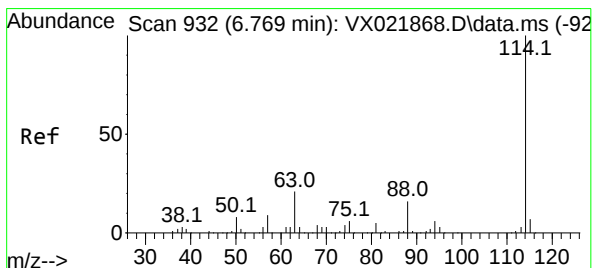
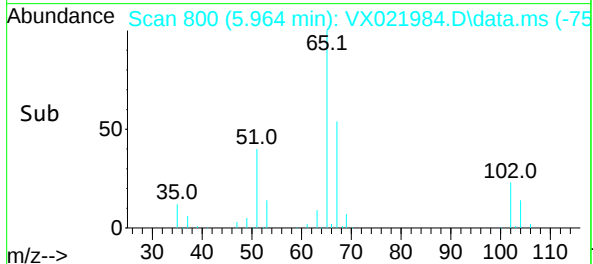
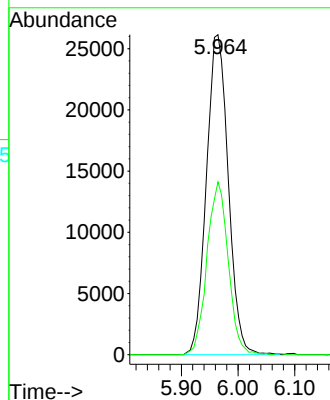
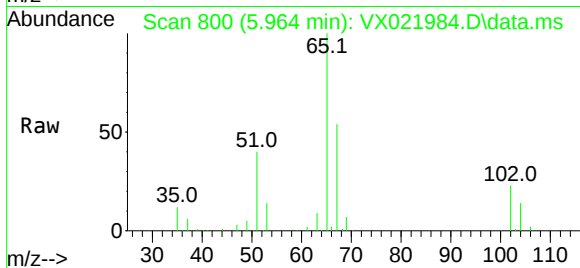
Acq: 14 May 2021 10:48

Tgt Ion: 65 Resp: 70090

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX021984.D

Acq: 14 May 2021 10:48

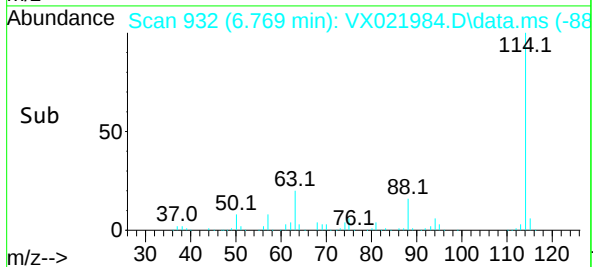
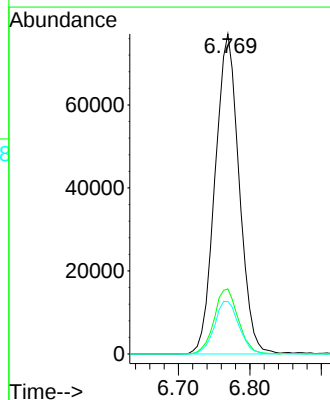
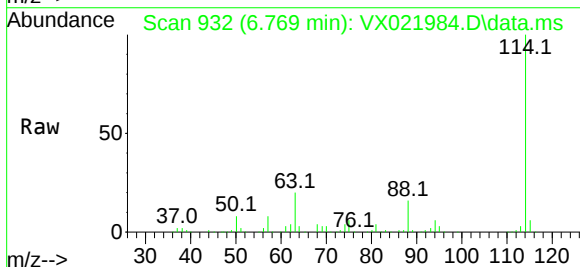
Tgt Ion: 114 Resp: 179980

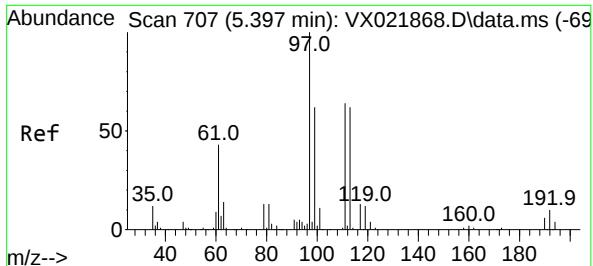
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 16.4 0.0 32.8

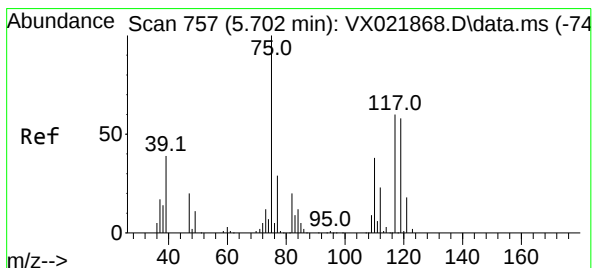
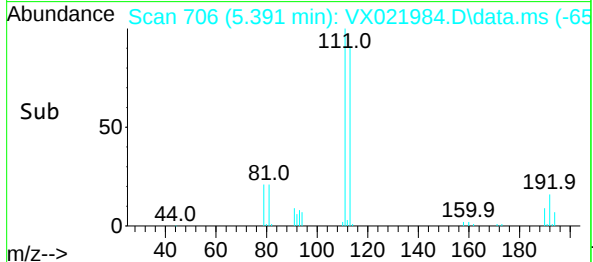
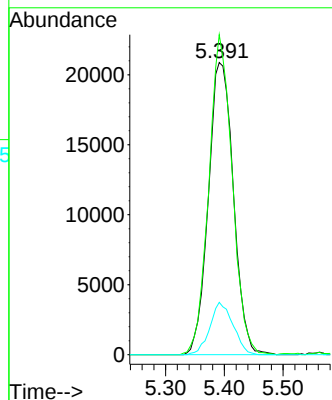
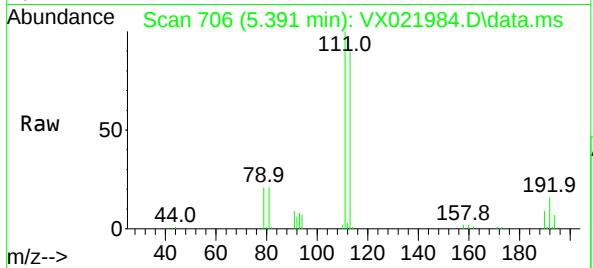




#35
Dibromofluoromethane
Concen: 50.09 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

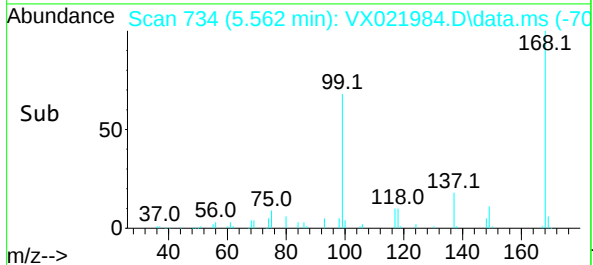
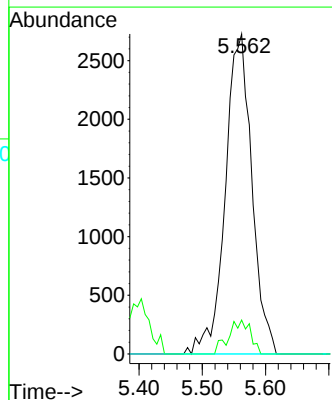
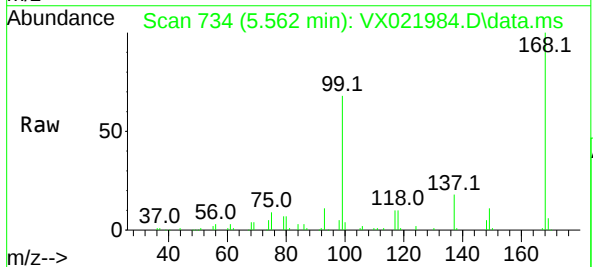
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

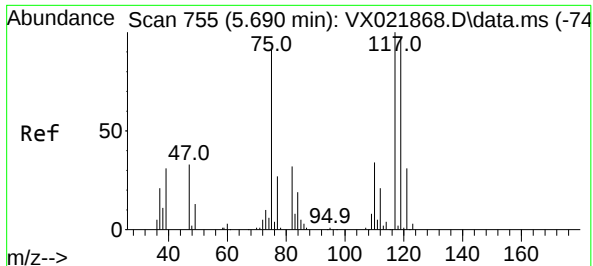
Tgt Ion:113 Resp: 61787
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 16.6 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.17 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

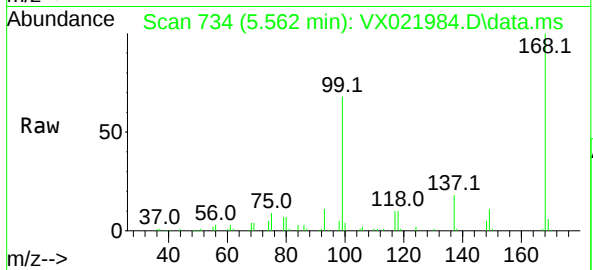
Tgt Ion: 75 Resp: 7946
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



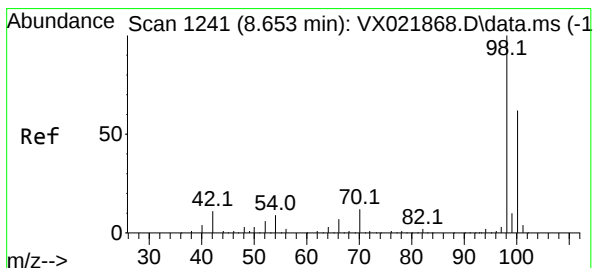
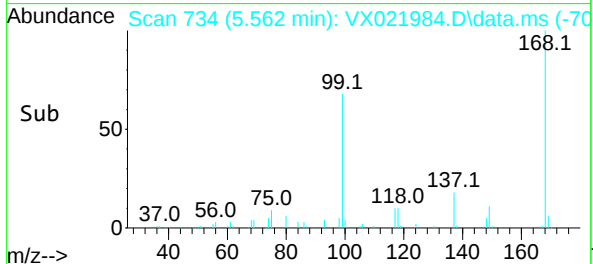
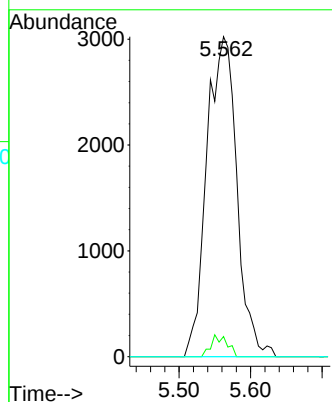


#38
Carbon Tetrachloride
Concen: 4.63 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

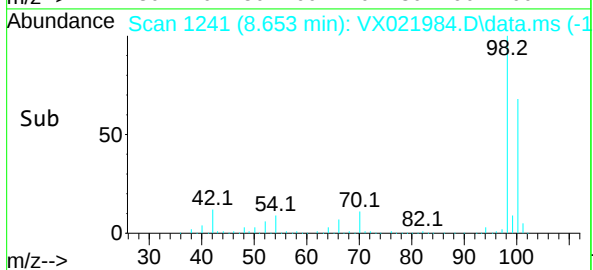
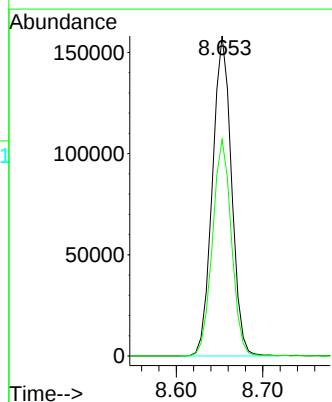
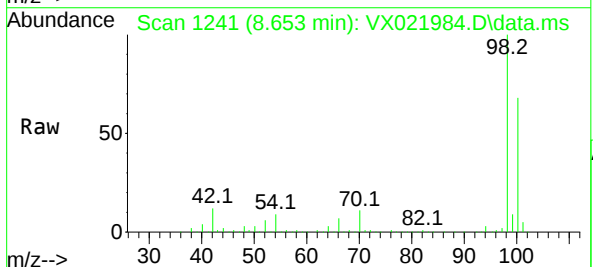


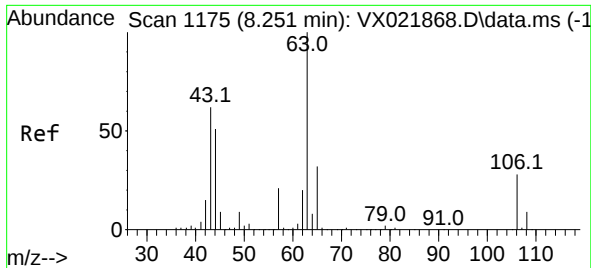
Tgt Ion:117 Resp: 8833
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.41 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

Tgt Ion: 98 Resp: 241982
Ion Ratio Lower Upper
98 100
100 67.1 51.9 77.9

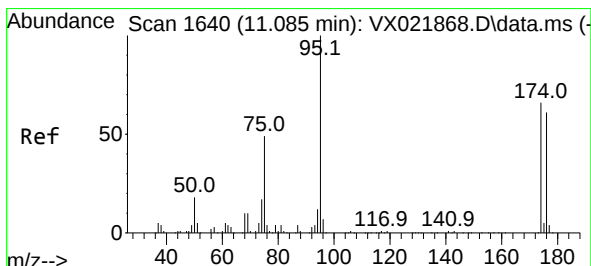
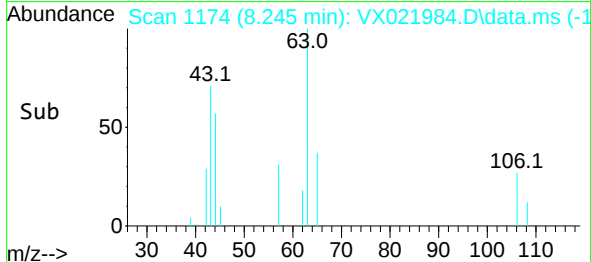
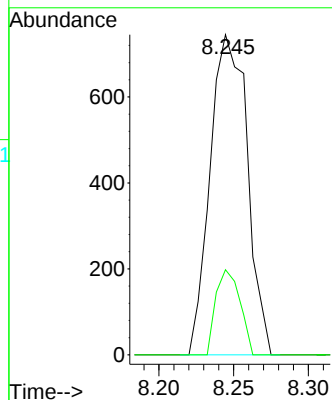
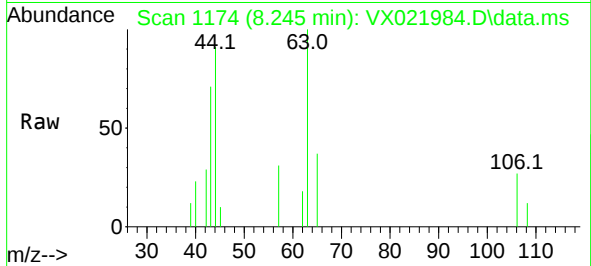




#58
2-Chloroethyl Vinyl ether
Concen: 1.02 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

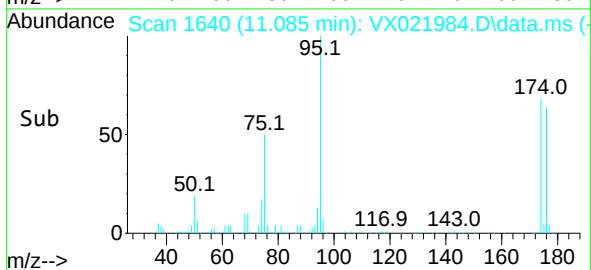
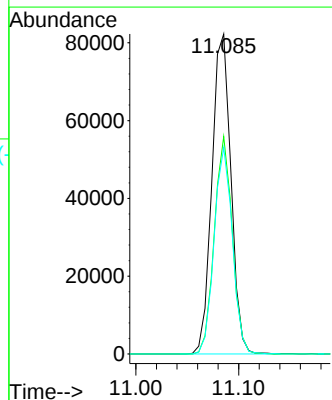
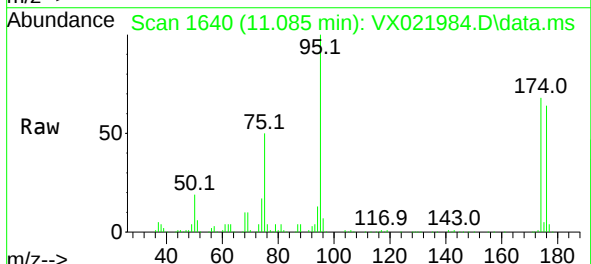
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

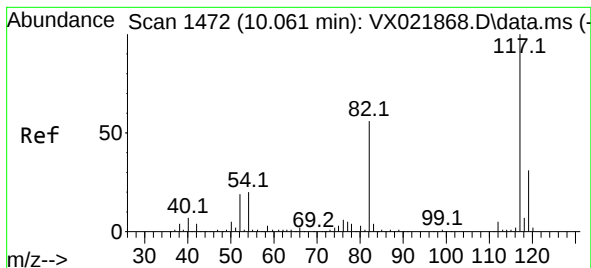
Tgt Ion: 63 Resp: 1285
Ion Ratio Lower Upper
63 100
106 17.3 23.5 35.3#



#62
4-Bromofluorobenzene
Concen: 56.78 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

Tgt Ion: 95 Resp: 105474
Ion Ratio Lower Upper
95 100
174 64.2 0.0 154.6
176 61.9 0.0 155.8

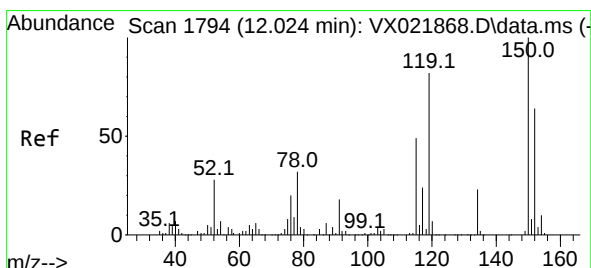
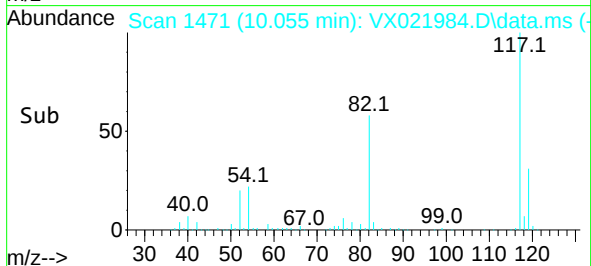
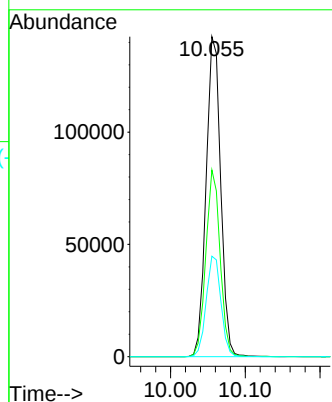
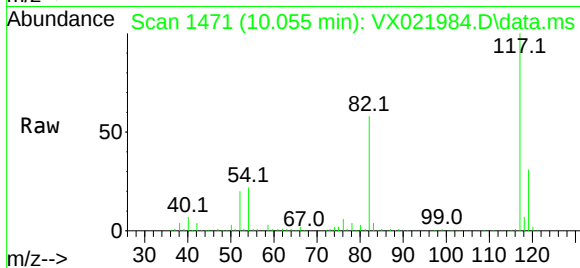




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

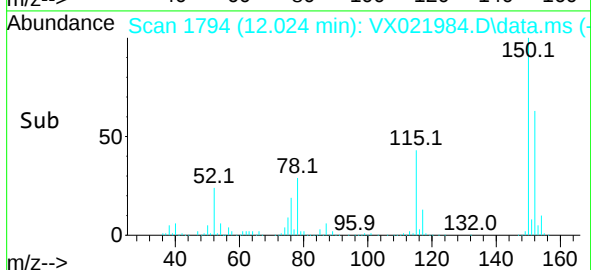
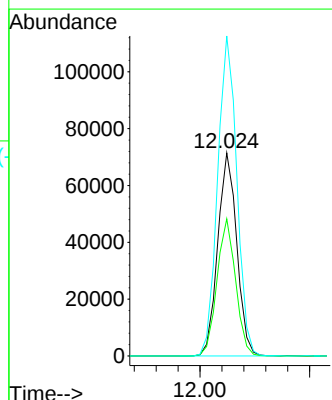
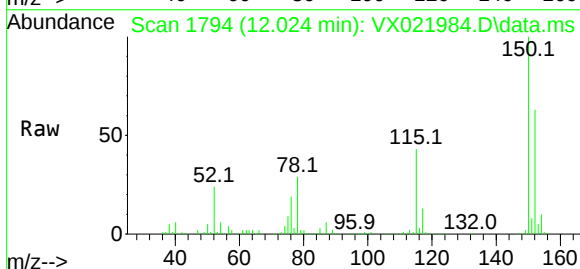
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

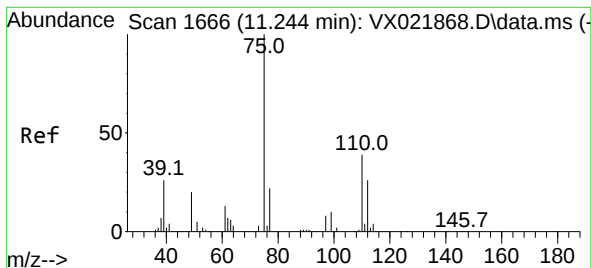
Tgt Ion:117 Resp: 192721
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX021984.D
Acq: 14 May 2021 10:48

Tgt Ion:152 Resp: 86180
Ion Ratio Lower Upper
152 100
115 66.1 41.1 123.3
150 159.0 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 21.89 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX021984.D

Acq: 14 May 2021 10:48

Tgt Ion: 75 Resp: 53641

Ion Ratio Lower Upper

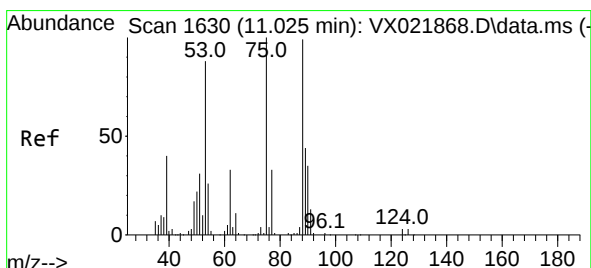
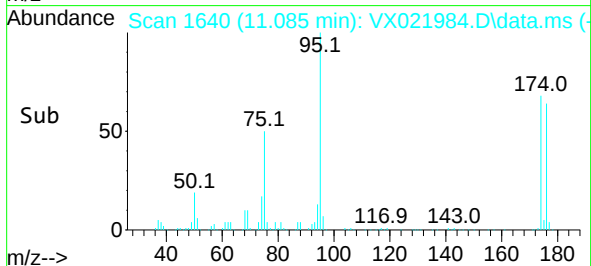
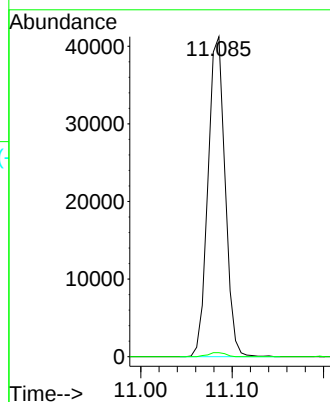
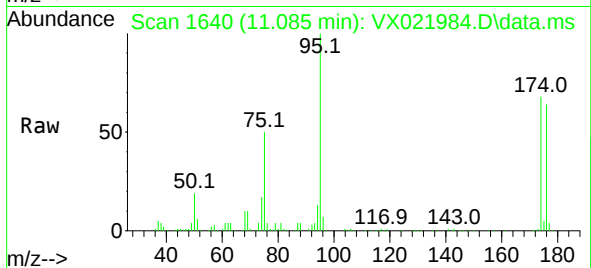
75 100
77 1.3 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBL01



#81

trans-1,4-Dichloro-2-butene

Concen: 50.78 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX021984.D

Acq: 14 May 2021 10:48

Tgt Ion: 75 Resp: 53641

Ion Ratio Lower Upper

75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

