

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022150.D
 Acq On : 24 May 2021 16:12
 Operator : JC/MD
 Sample : M2467-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-051921

Quant Time: May 25 02:07:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

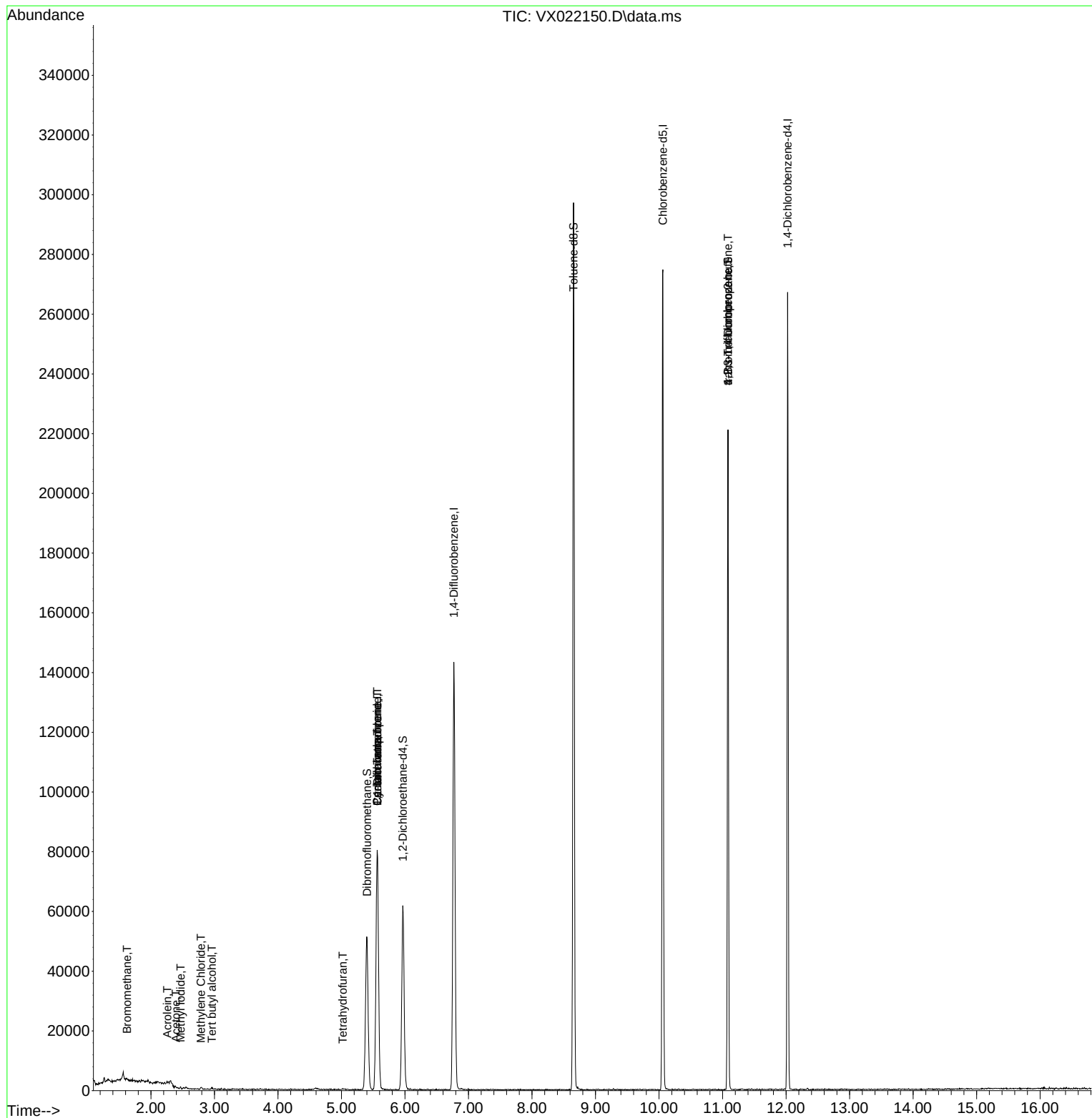
Internal Standards						
1) Pentafluorobenzene	5.562	168	69167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	144643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	126585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54433	51.02	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.04%			
35) Dibromofluoromethane	5.403	113	44012	47.98	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.96%			
50) Toluene-d8	8.652	98	173913	49.22	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.44%			
62) 4-Bromofluorobenzene	11.085	95	59493	45.55	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.10%			
Target Compounds						Qvalue
5) Bromomethane	1.623	94	277	0.50	ug/l #	49
10) Methyl Iodide	2.465	142	350	0.40	ug/l #	76
11) Tert butyl alcohol	2.958	59	232	0.95	ug/l #	73
13) Acrolein	2.257	56	126	0.78	ug/l #	74
16) Acetone	2.391	43	810	1.74	ug/l #	68
20) Methylene Chloride	2.788	84	335	0.32	ug/l #	78
29) Tetrahydrofuran	5.019	42	150	0.34	ug/l #	27
31) Cyclohexane	5.562	56	1740	1.30	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6453	4.82	ug/l #	44
38) Carbon Tetrachloride	5.562	117	8101	6.19	ug/l #	14
76) 1,2,3-Trichloropropane	11.085	75	30686	25.28	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	30686	59.91	ug/l #	12

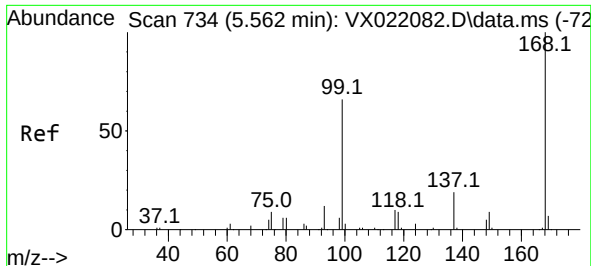
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
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TB-01-051921

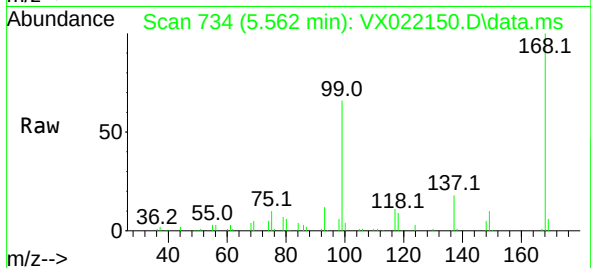
Quant Time: May 25 02:07:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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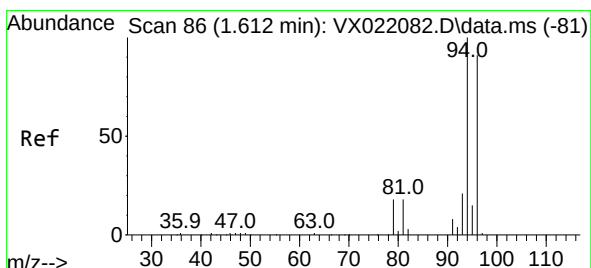
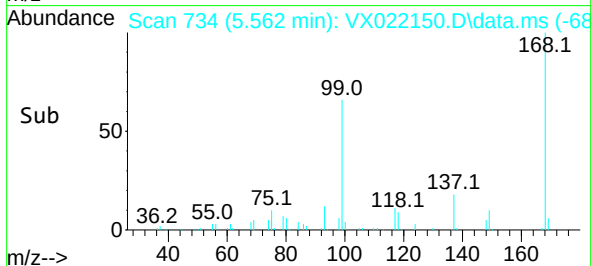
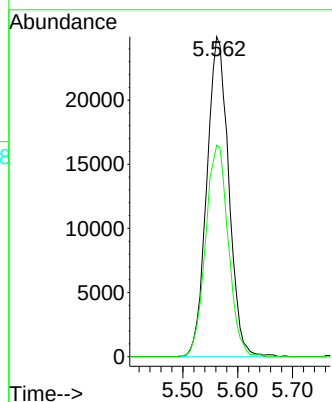


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

Instrument :
MSVOA_X
ClientSampleId :
TB-01-051921

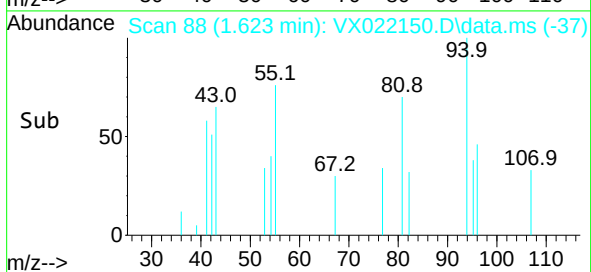
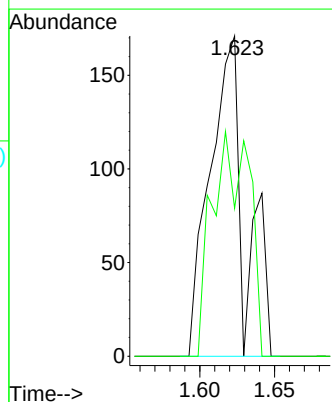
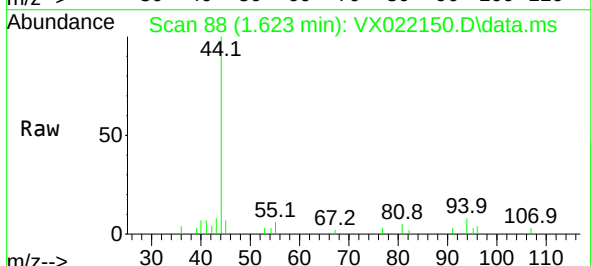


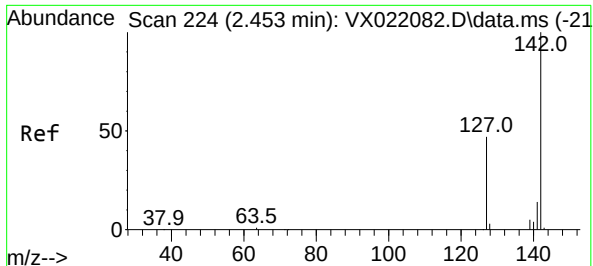
Tgt Ion:168 Resp: 69167
Ion Ratio Lower Upper
168 100
99 66.1 45.8 68.6



#5
Bromomethane
Concen: 0.50 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.011 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

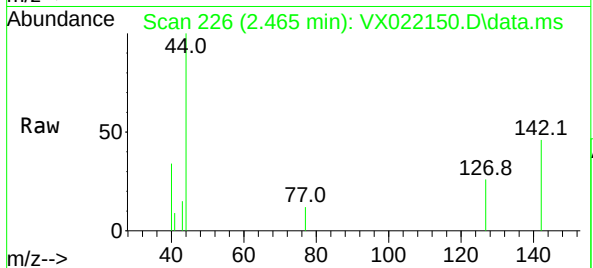
Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 46.2 76.4 114.6#



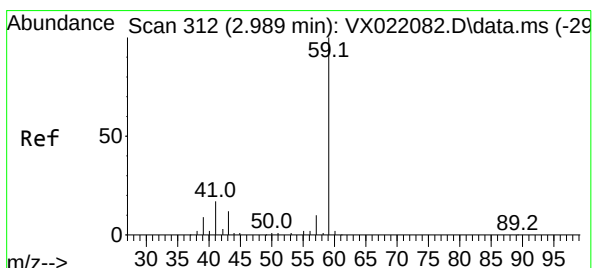
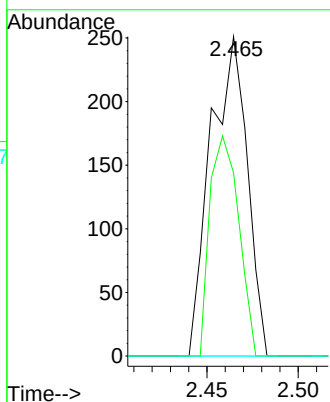
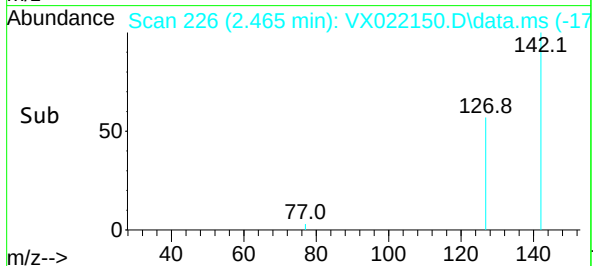


#10
Methyl Iodide
Concen: 0.40 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

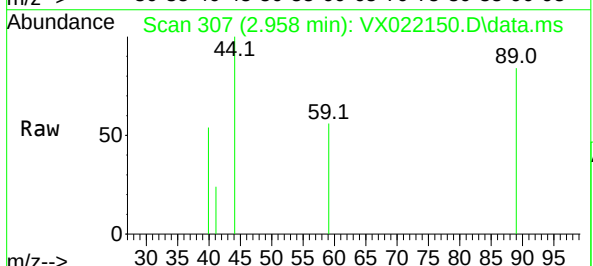
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051921



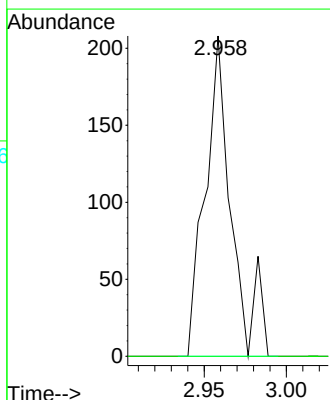
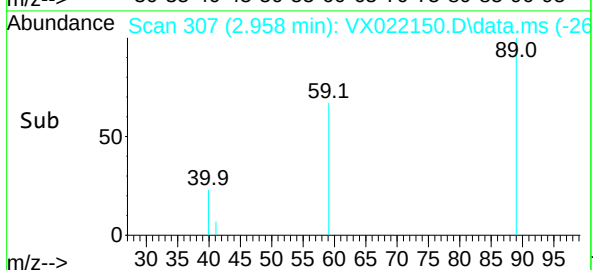
Tgt Ion:142 Resp: 350
Ion Ratio Lower Upper
142 100
127 54.6 33.3 49.9#
141 0.0 11.4 17.0#

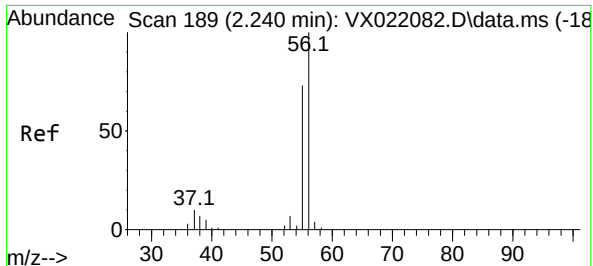


#11
Tert butyl alcohol
Concen: 0.95 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12



Tgt Ion: 59 Resp: 232
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

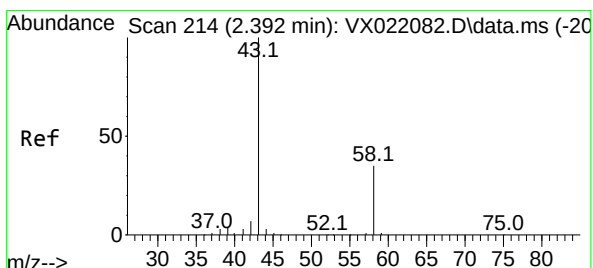
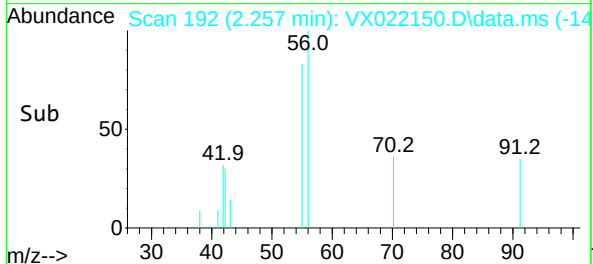
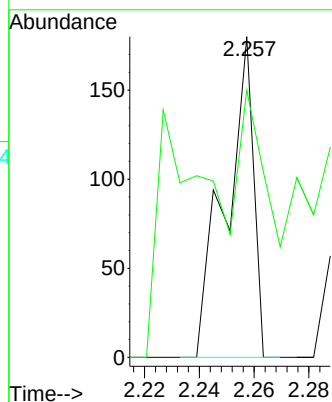
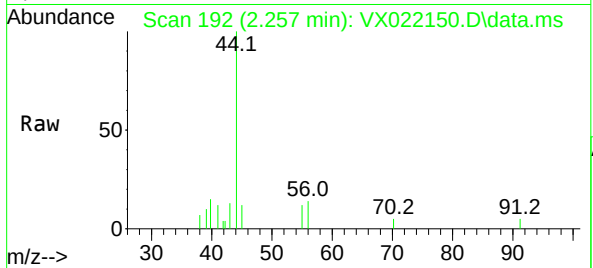




#13
Acrolein
Concen: 0.78 ug/l
RT: 2.257 min Scan# 192
Delta R.T. 0.017 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

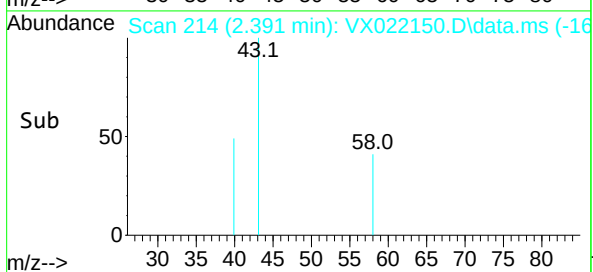
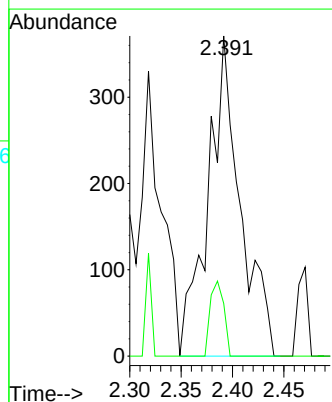
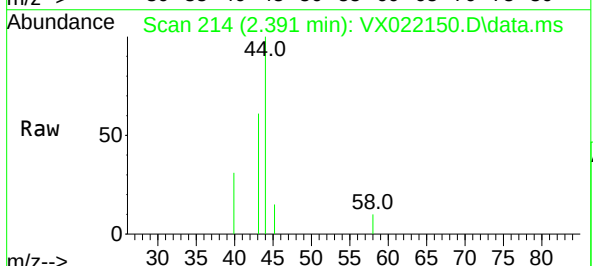
Instrument :
MSVOA_X
ClientSampled :
TB-01-051921

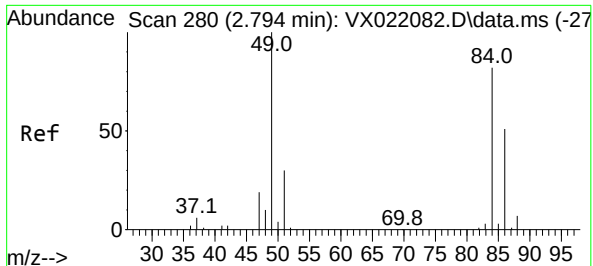
Tgt Ion: 56 Resp: 126
Ion Ratio Lower Upper
56 100
55 92.1 56.4 84.6#



#16
Acetone
Concen: 1.74 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
58 16.4 27.8 41.8#





#20

Methylene Chloride

Concen: 0.32 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022150.D

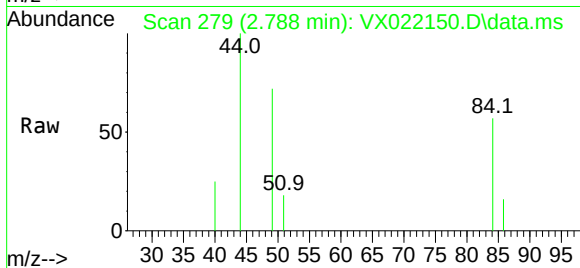
Acq: 24 May 2021 16:12

Instrument :

MSVOA_X

ClientSampleId :

TB-01-051921



Tgt Ion: 84 Resp: 335

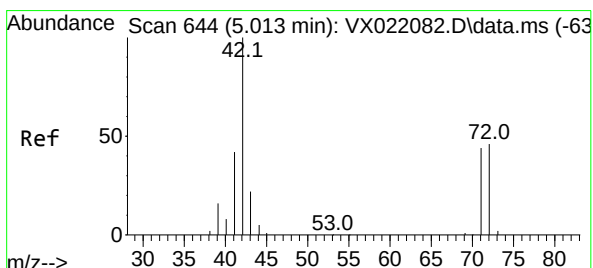
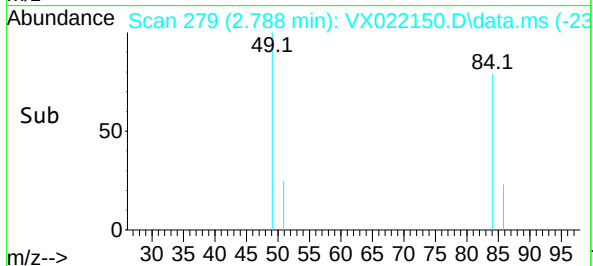
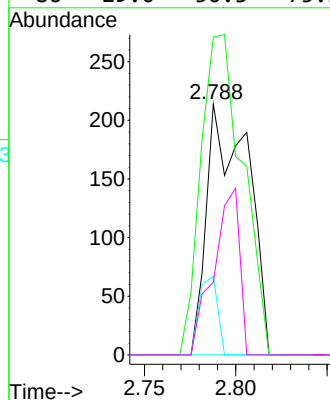
Ion Ratio Lower Upper

84 100

49 126.6 88.6 132.8

51 31.3 27.0 40.6

86 29.0 50.3 75.5#



#29

Tetrahydrofuran

Concen: 0.34 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX022150.D

Acq: 24 May 2021 16:12

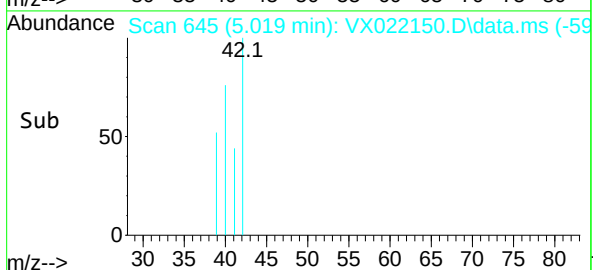
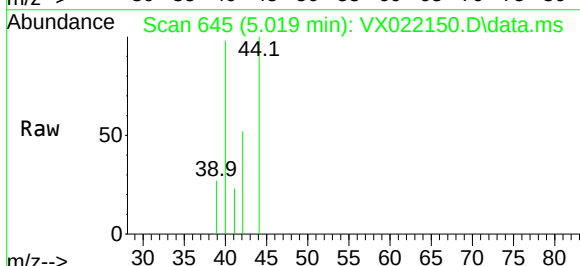
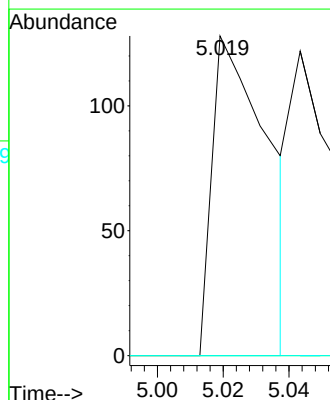
Tgt Ion: 42 Resp: 150

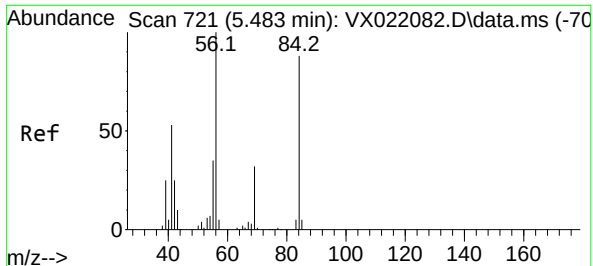
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

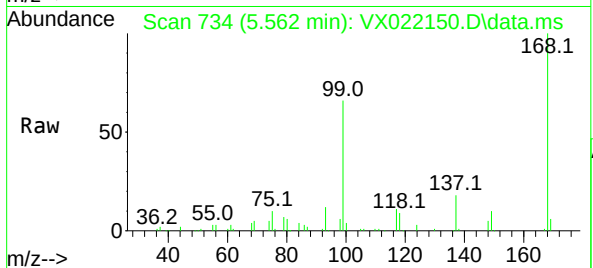
71 0.0 38.4 57.6#



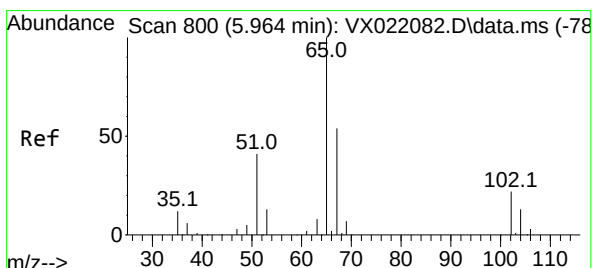
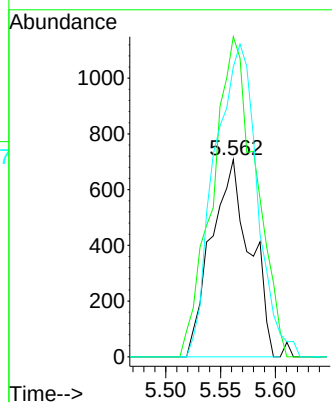
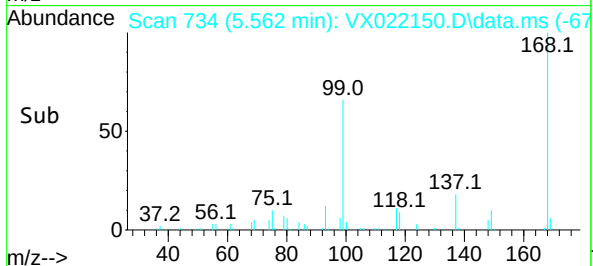


#31
Cyclohexane
Concen: 1.30 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

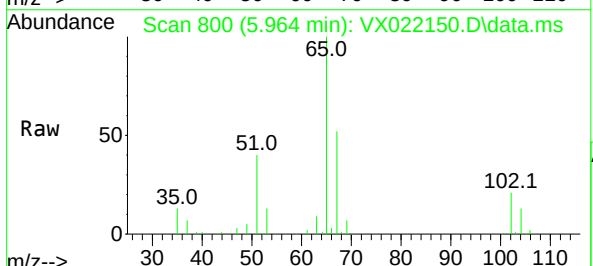
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051921



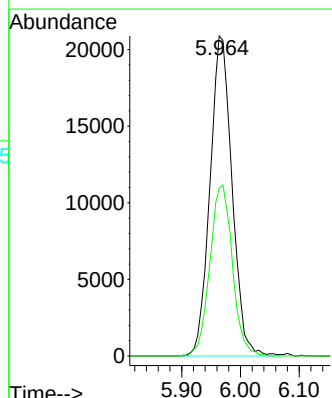
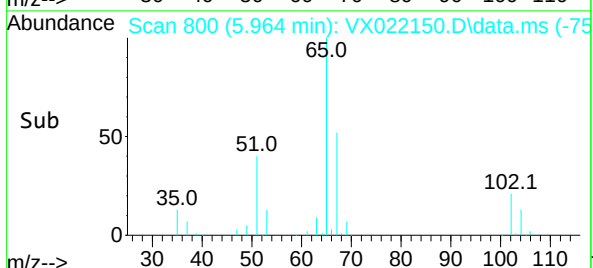
Tgt Ion: 56 Resp: 1740
Ion Ratio Lower Upper
56 100
69 162.3 25.3 37.9#
84 147.0 71.4 107.0#

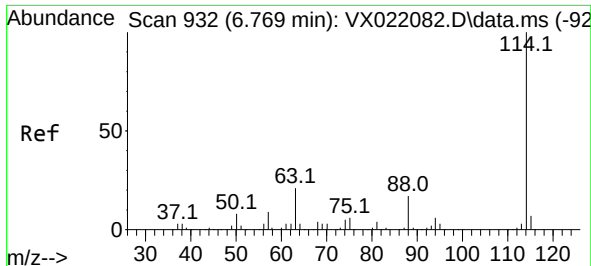


#33
1,2-Dichloroethane-d4
Concen: 51.02 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12



Tgt Ion: 65 Resp: 54433
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.4

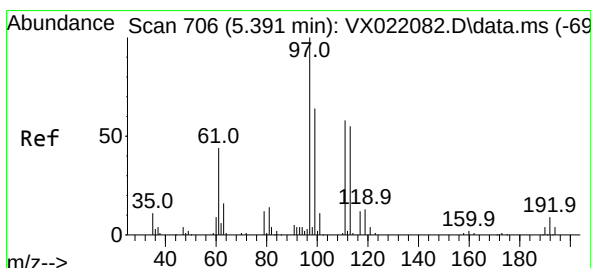
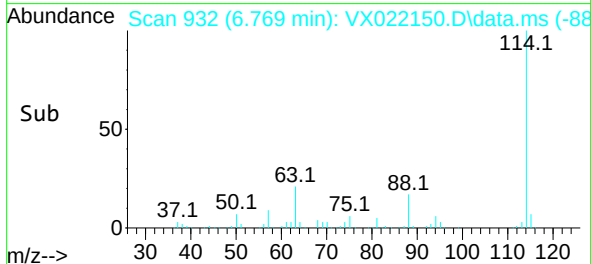
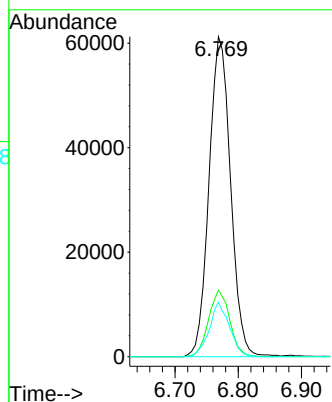
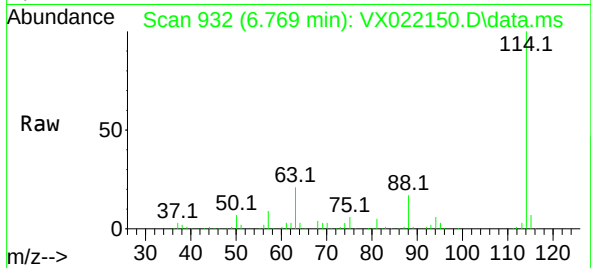




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

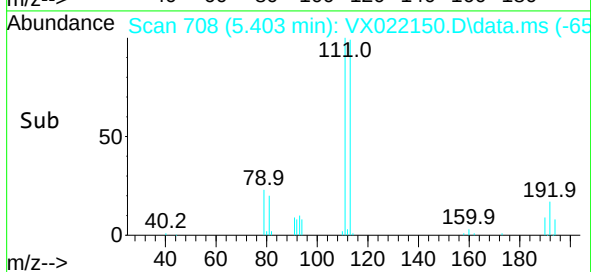
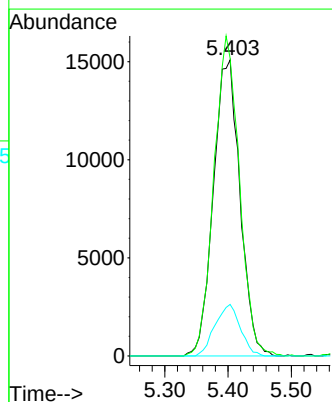
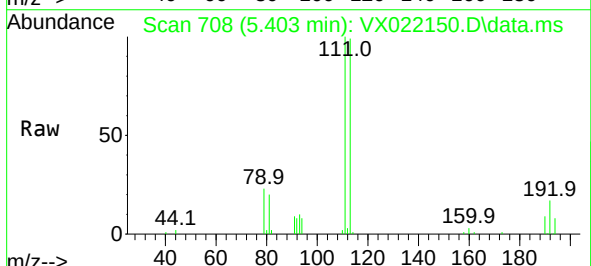
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051921

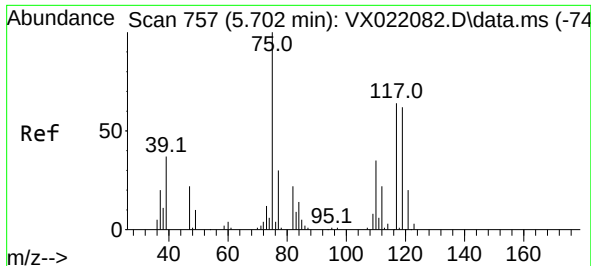
Tgt Ion:114 Resp: 144643
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.98 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

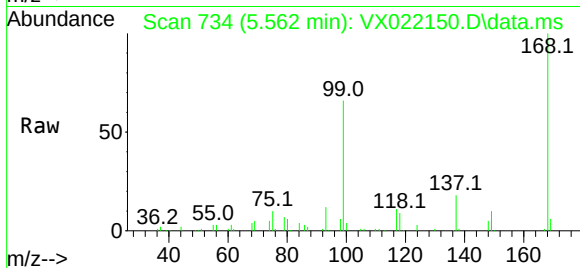
Tgt Ion:113 Resp: 44012
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 16.6 16.7 25.1#



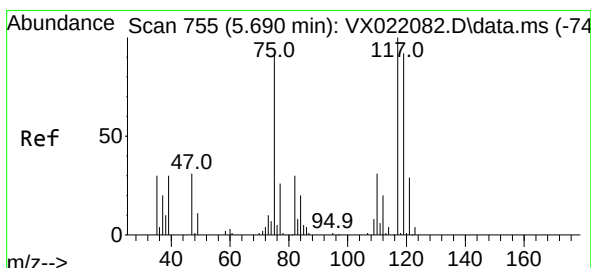
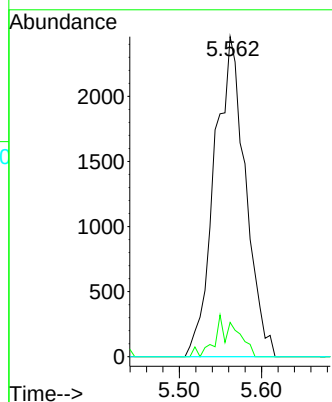
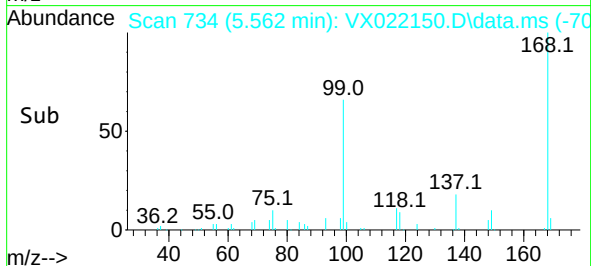


#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

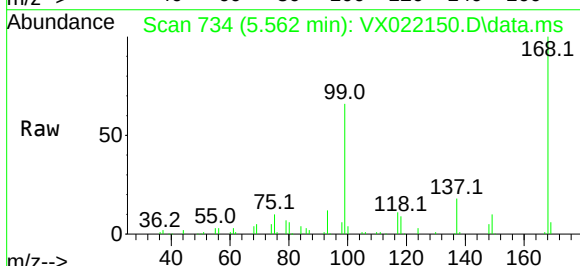
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051921



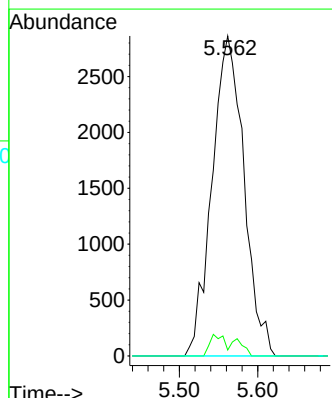
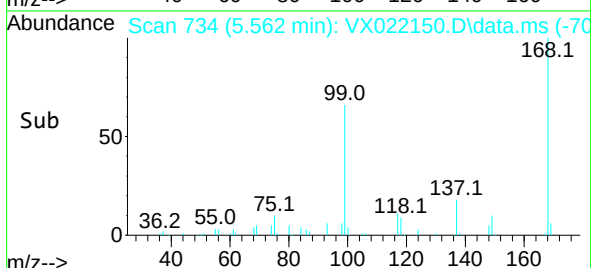
Tgt Ion: 75 Resp: 6453
Ion Ratio Lower Upper
75 100
110 4.2 18.1 54.4#
77 0.0 25.3 37.9#

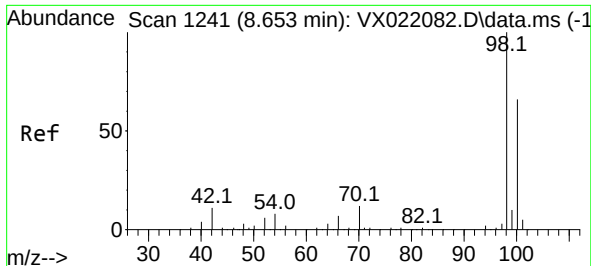


#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12



Tgt Ion: 117 Resp: 8101
Ion Ratio Lower Upper
117 100
119 1.9 76.2 114.2#
121 0.0 24.8 37.2#

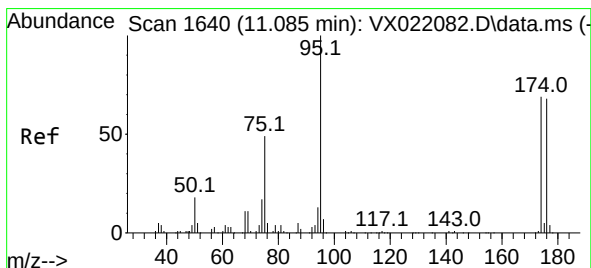
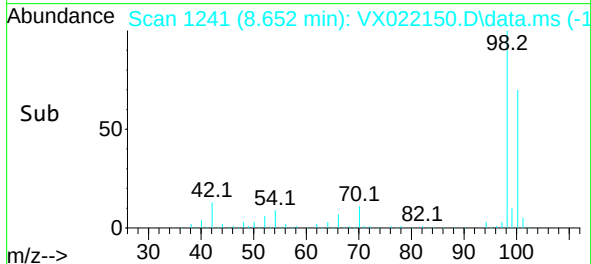
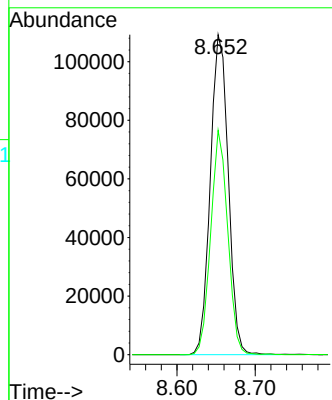
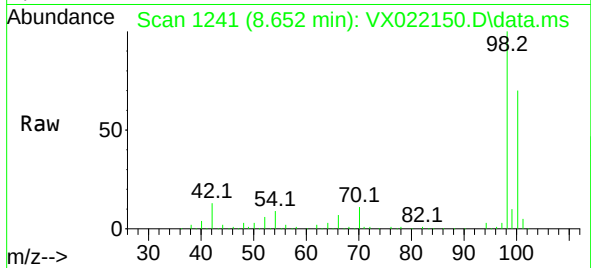




#50
Toluene-d8
Concen: 49.22 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

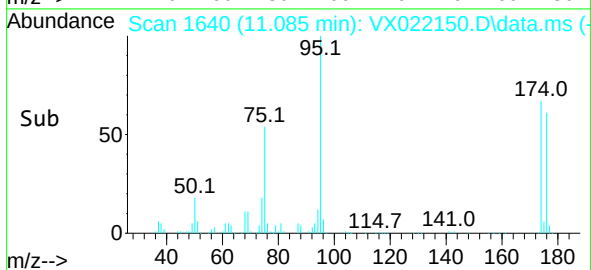
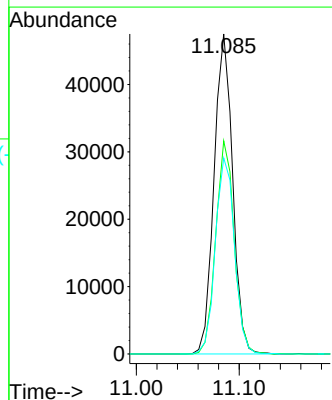
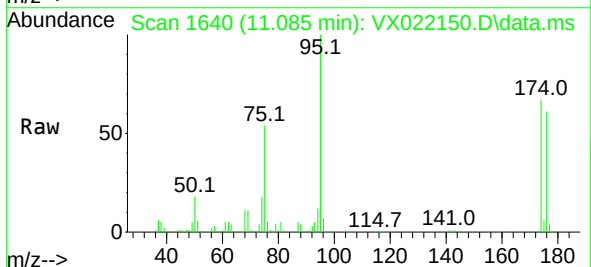
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051921

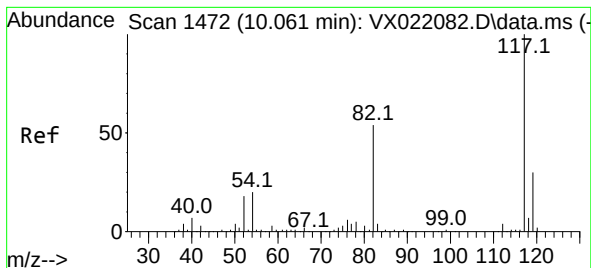
Tgt Ion: 98 Resp: 173913
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.55 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

Tgt Ion: 95 Resp: 59493
Ion Ratio Lower Upper
95 100
174 66.2 0.0 154.6
176 63.2 0.0 155.8

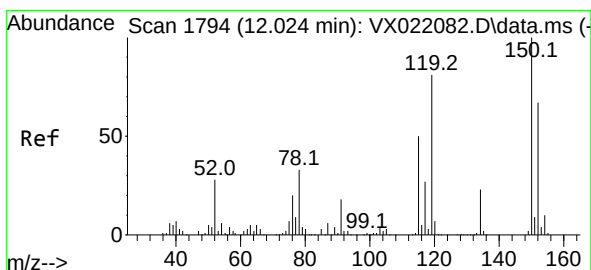
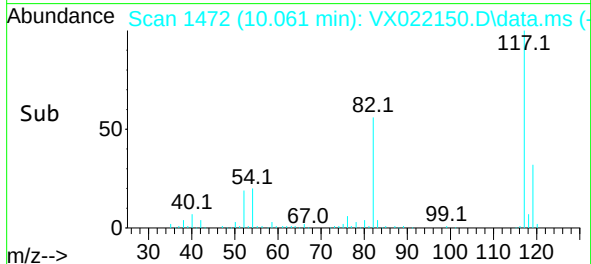
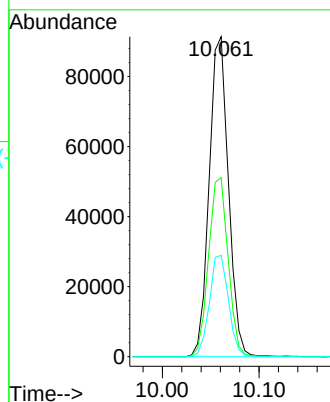
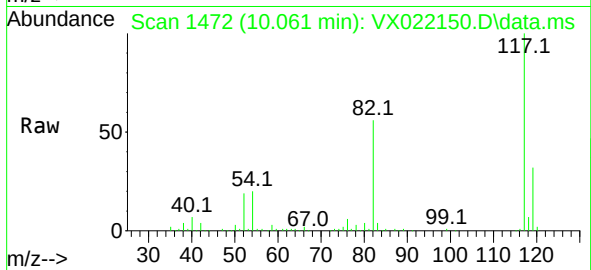




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

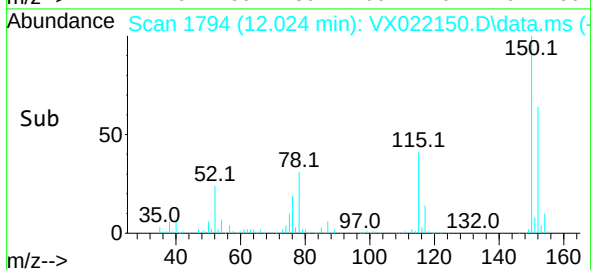
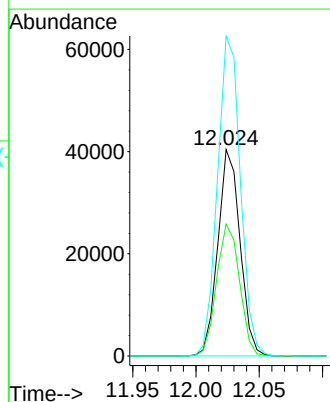
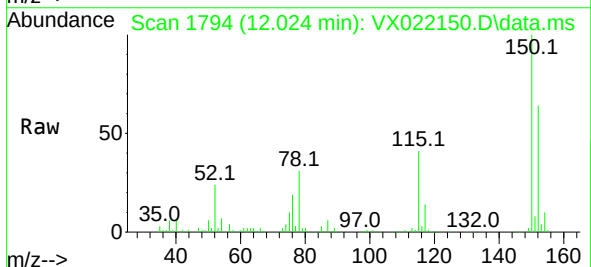
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051921

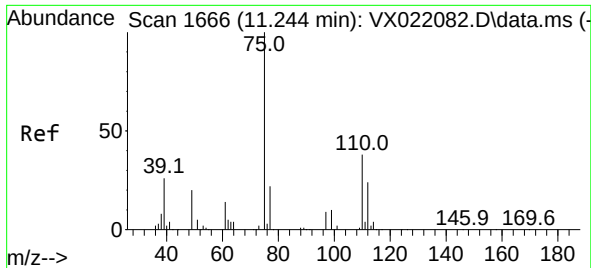
Tgt Ion:117 Resp: 126585
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

Tgt Ion:152 Resp: 49194
Ion Ratio Lower Upper
152 100
115 66.1 41.1 123.3
150 160.4 0.0 349.0

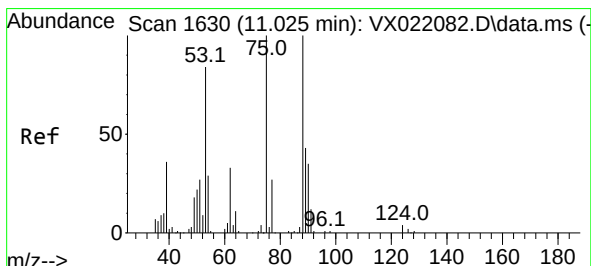
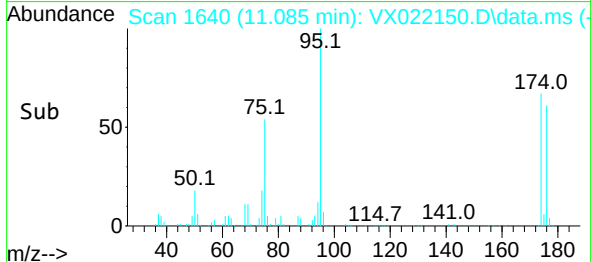
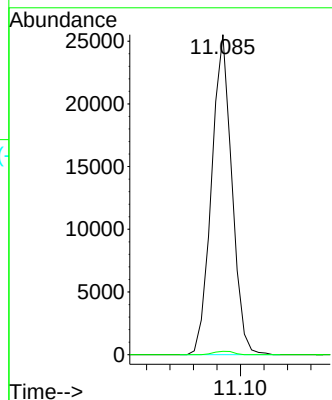
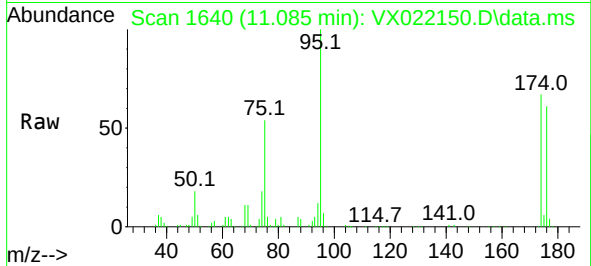




#76
1,2,3-Trichloropropane
Concen: 25.28 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

Instrument :
MSVOA_X
ClientSampleId :
TB-01-051921

Tgt Ion: 75 Resp: 30686
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.91 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022150.D
Acq: 24 May 2021 16:12

Tgt Ion: 75 Resp: 30686
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

