

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022860.D
 Acq On : 23 Jun 2021 23:14
 Operator : JC/MD
 Sample : M2803-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20210621

Quant Time: Jun 24 03:39:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

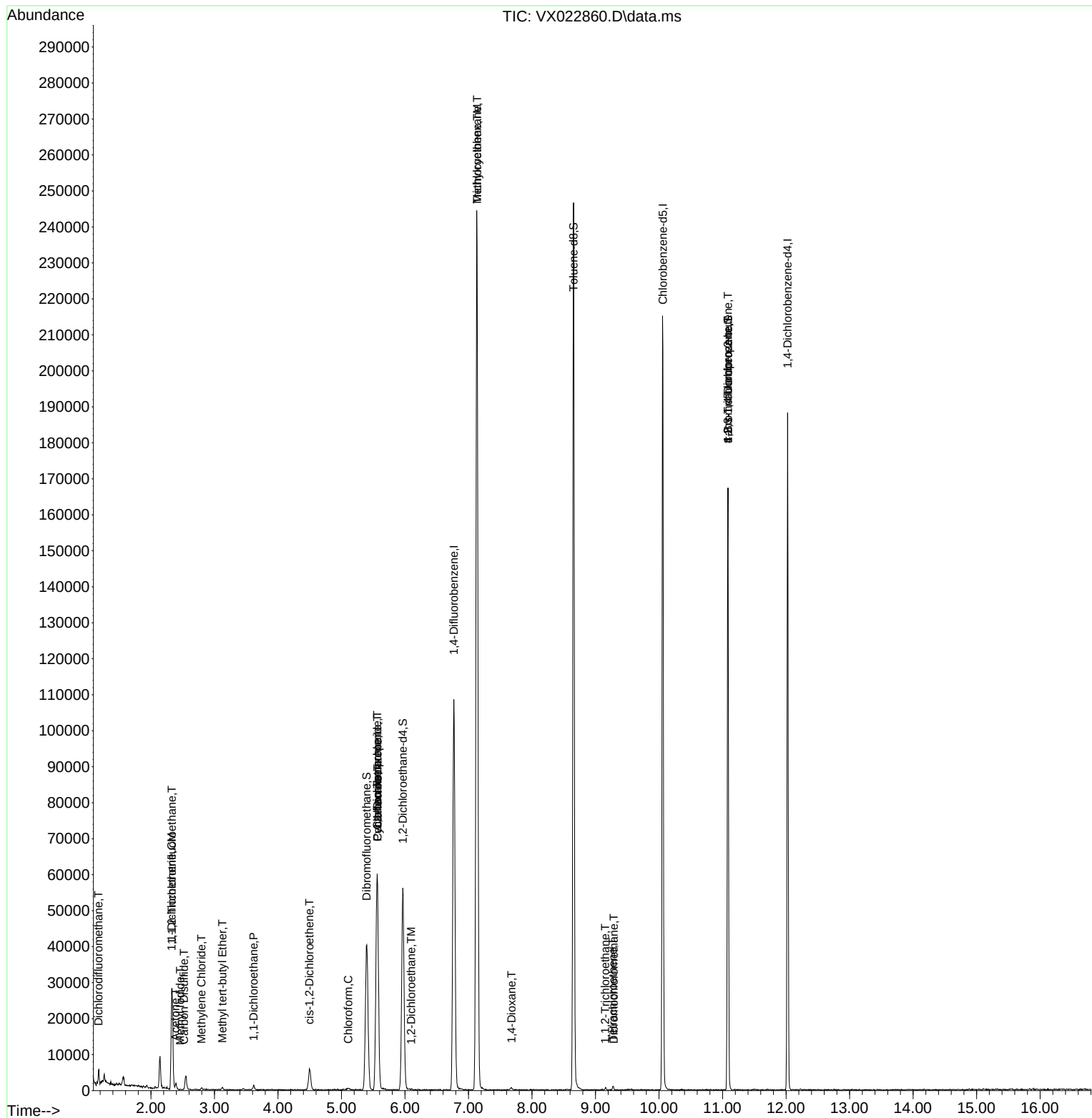
Internal Standards						
1) Pentafluorobenzene	5.568	168	50157	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	105094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	91105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49552	54.438	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.880%	
35) Dibromofluoromethane	5.397	113	35139	52.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.300%	
50) Toluene-d8	8.653	98	136886	52.335	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.680%	
62) 4-Bromofluorobenzene	11.085	95	45645	46.760	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	1279	1.807	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	9829	15.071	ug/l	92
10) Methyl Iodide	2.459	142	68	3.959	ug/l #	42
12) 1,1-Dichloroethene	2.325	96	1921	2.952	ug/l	99
16) Acetone	2.386	43	1532	3.796	ug/l #	87
17) Carbon Disulfide	2.520	76	44	3.539	ug/l #	75
19) Methyl tert-butyl Ether	3.123	73	570	0.244	ug/l #	43
20) Methylene Chloride	2.794	84	208	0.630	ug/l #	66
24) 1,1-Dichloroethane	3.617	63	1332	0.970	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	3245	4.050	ug/l	90
30) Chloroform	5.105	83	713	0.516	ug/l #	69
31) Cyclohexane	5.568	56	1615	1.257	ug/l #	8
36) 1,1-Dichloropropene	5.562	75	5317	4.763	ug/l #	48
38) Carbon Tetrachloride	5.562	117	6260	6.686	ug/l #	12
39) Methylcyclohexane	7.135	83	1168	0.897	ug/l #	1
42) 1,2-Dichloroethane	6.098	62	313	0.264	ug/l #	73
44) Trichloroethene	7.135	130	84575	110.796	ug/l	94
49) 1,4-Dioxane	7.677	88	502	24.238	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	257	0.329	ug/l #	62
60) Dibromochloromethane	9.287	129	252	3.955	ug/l #	11
64) Tetrachloroethene	9.275	164	157	0.245	ug/l #	69
76) 1,2,3-Trichloropropane	11.085	75	24853	28.473	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	24853	73.404	ug/l #	12

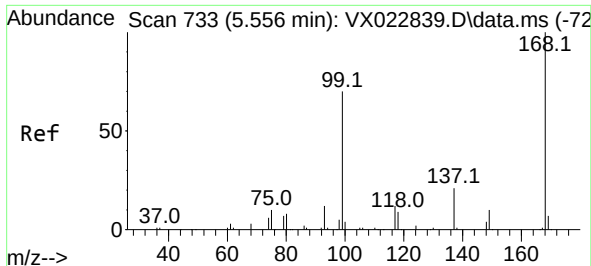
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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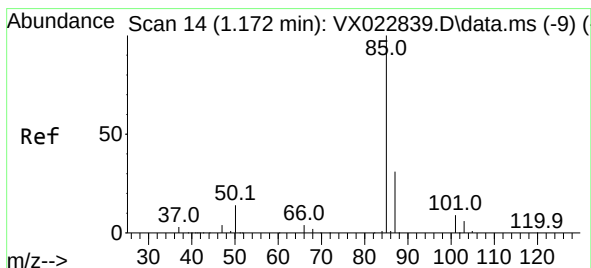
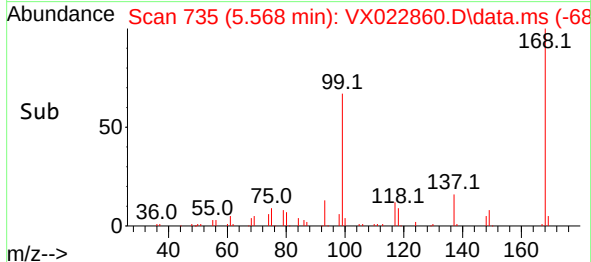
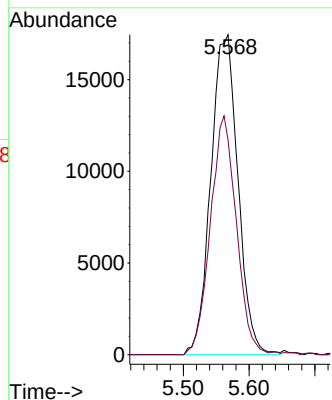
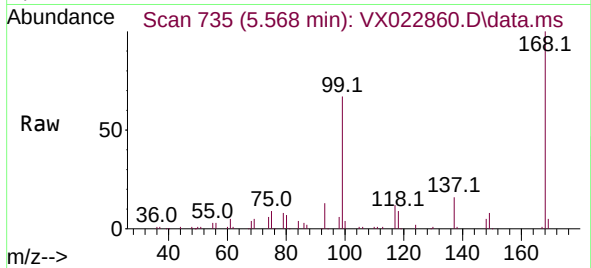




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

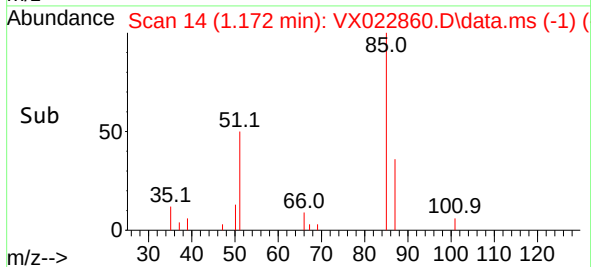
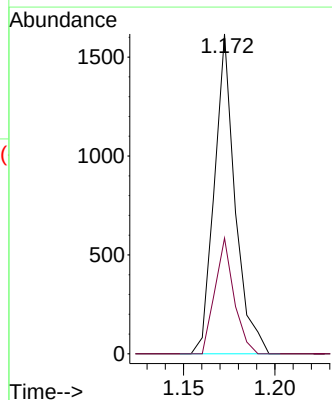
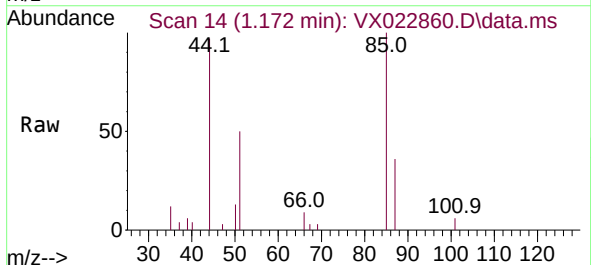
Instrument :
MSVOA_X
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TT101D-20210621

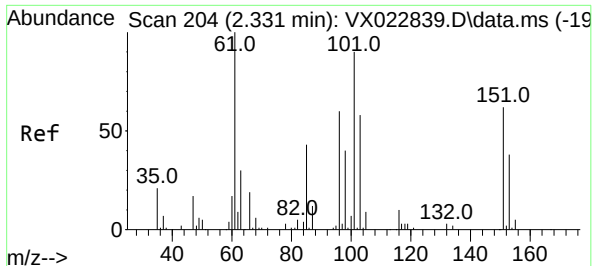
Tgt Ion:168 Resp: 50157
Ion Ratio Lower Upper
168 100
99 67.1 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.807 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

Tgt Ion: 85 Resp: 1279
Ion Ratio Lower Upper
85 100
87 36.2 16.4 49.2

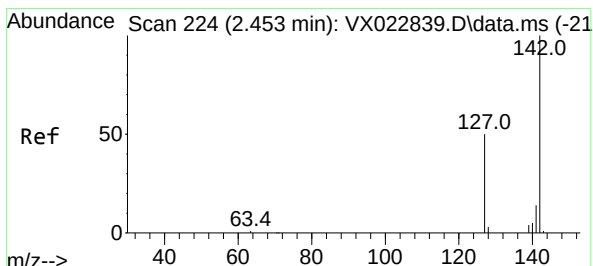
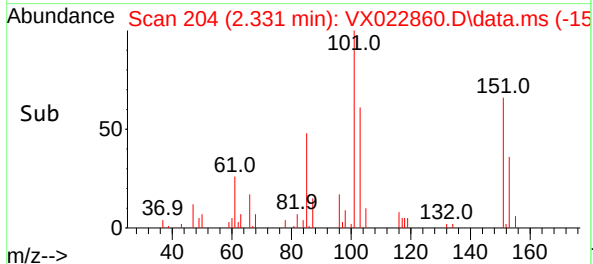
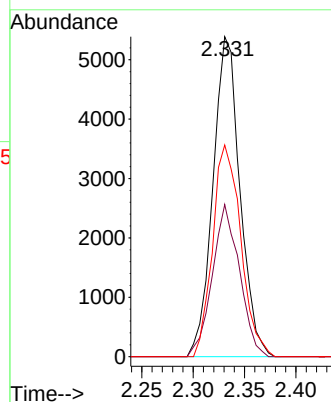
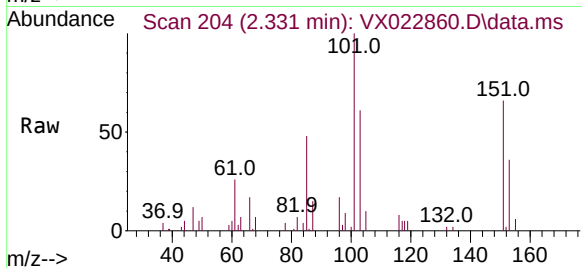




#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.071 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

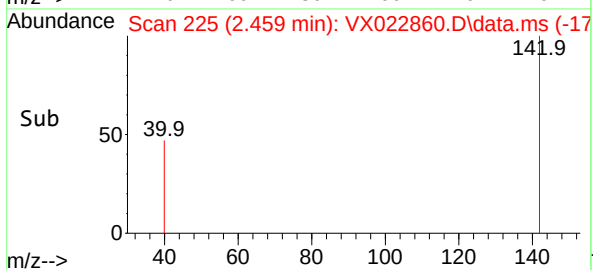
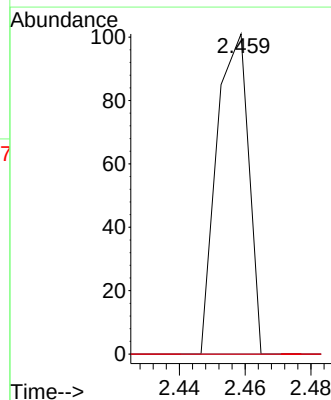
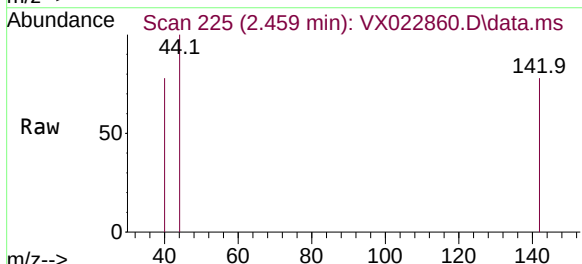
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20210621

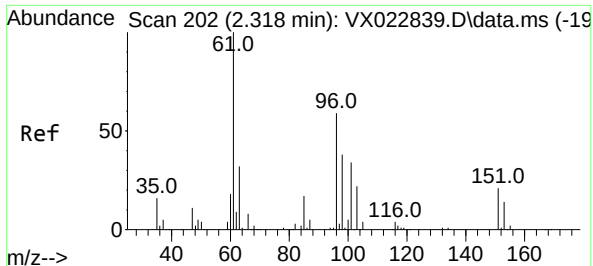
Tgt Ion:	101	Resp:	9829
Ion	Ratio	Lower	Upper
101	100		
85	47.8	34.9	52.3
151	69.1	61.4	92.2



#10
Methyl Iodide
Concen: 3.959 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

Tgt Ion:	142	Resp:	68
Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.3	49.9#
141	0.0	11.4	17.0#





#12

1,1-Dichloroethene

Concen: 2.952 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX022860.D

Acq: 23 Jun 2021 23:14

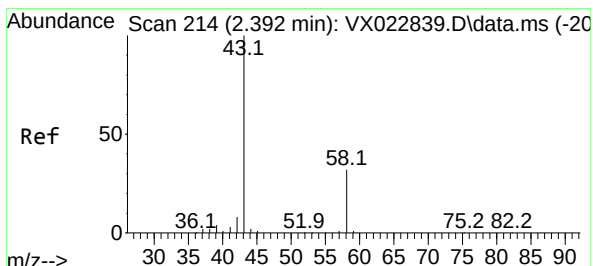
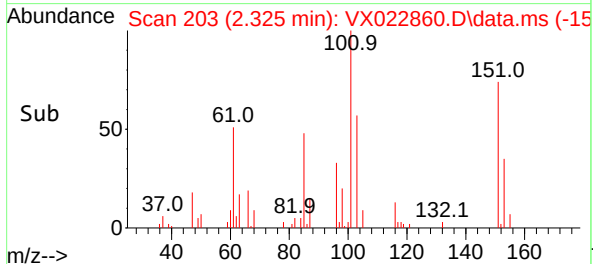
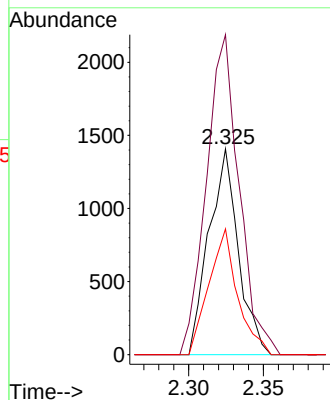
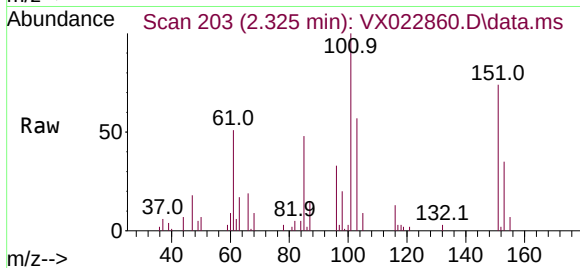
Tgt Ion: 96 Resp: 1921

Ion Ratio Lower Upper

96 100

61 155.6 124.6 187.0

98 61.1 50.6 76.0



#16

Acetone

Concen: 3.796 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022860.D

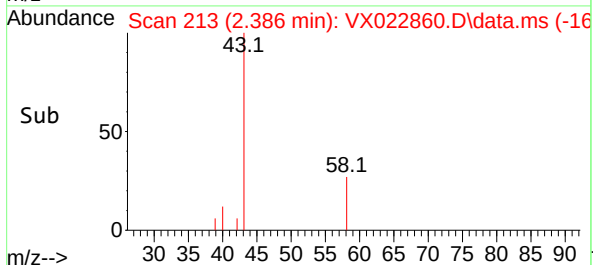
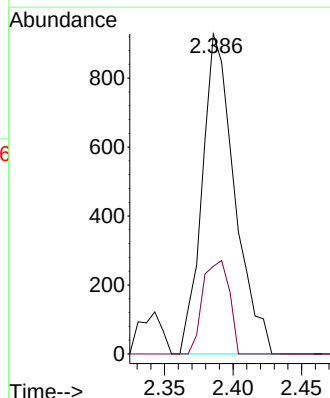
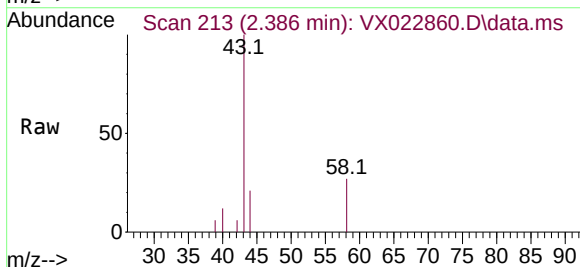
Acq: 23 Jun 2021 23:14

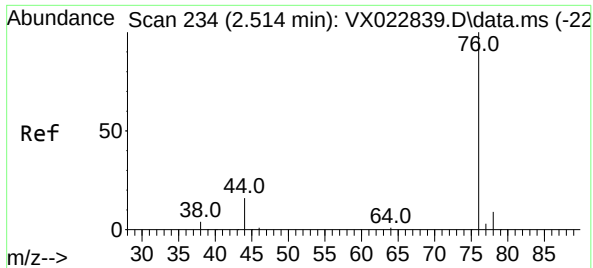
Tgt Ion: 43 Resp: 1532

Ion Ratio Lower Upper

43 100

58 27.4 27.8 41.8#

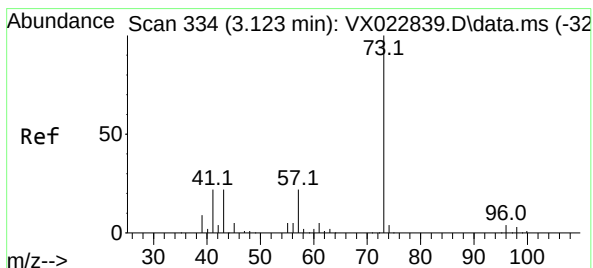
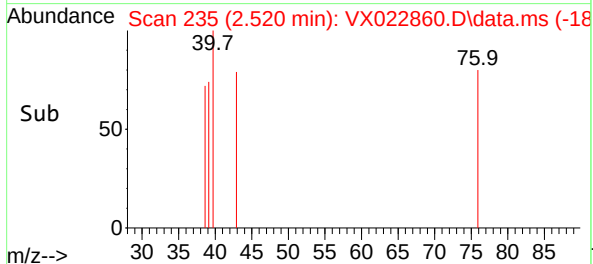
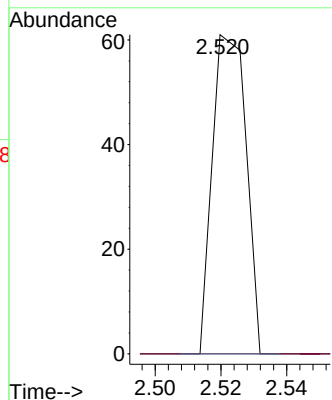
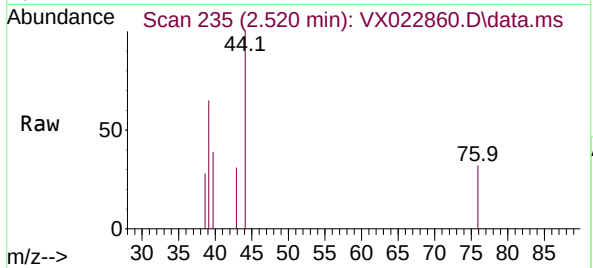




#17
Carbon Disulfide
Concen: 3.539 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

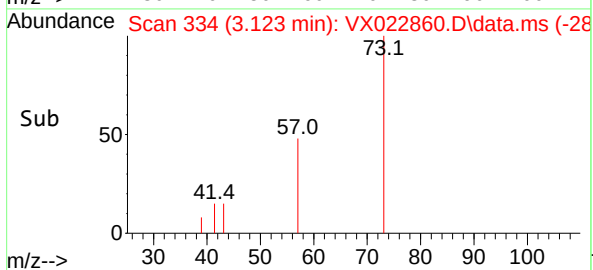
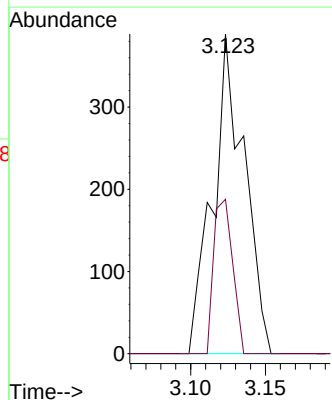
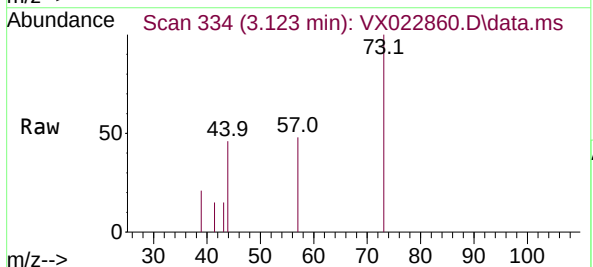
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20210621

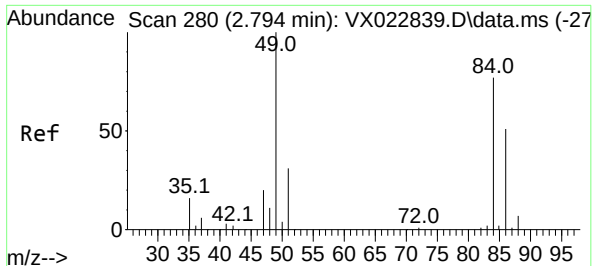
Tgt Ion: 76 Resp: 44
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 0.244 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

Tgt Ion: 73 Resp: 570
Ion Ratio Lower Upper
73 100
57 48.3 17.1 25.7#





#20

Methylene Chloride

Concen: 0.630 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022860.D

Acq: 23 Jun 2021 23:14

Tgt Ion: 84 Resp: 208

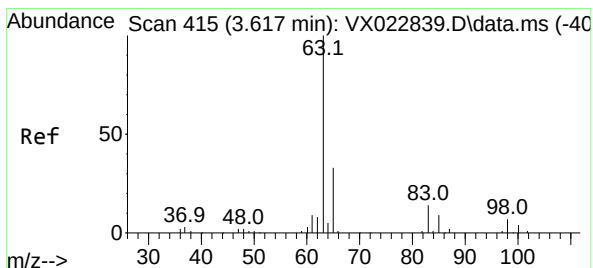
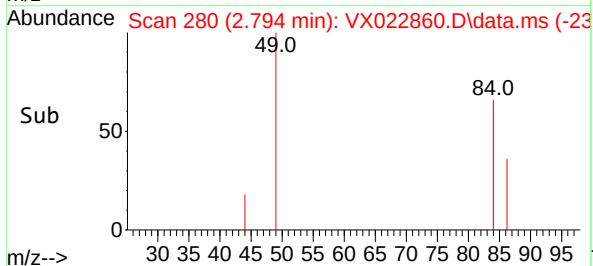
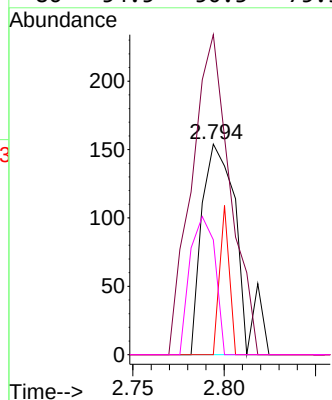
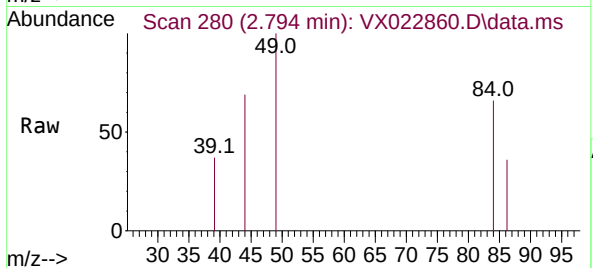
Ion Ratio Lower Upper

84 100

49 151.9 88.6 132.8#

51 0.0 27.0 40.6#

86 54.5 50.3 75.5



#24

1,1-Dichloroethane

Concen: 0.970 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.000 min

Lab File: VX022860.D

Acq: 23 Jun 2021 23:14

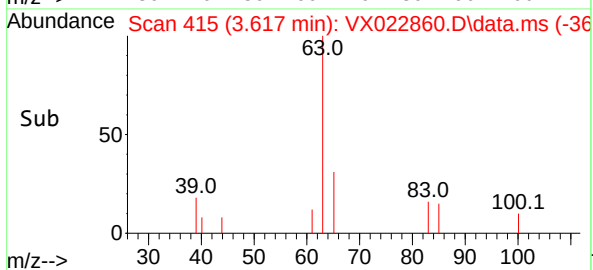
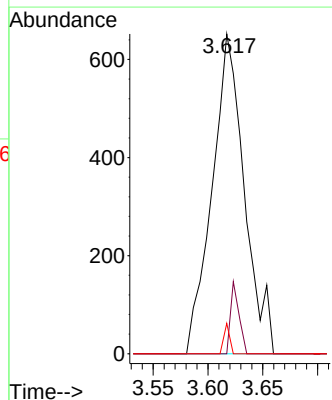
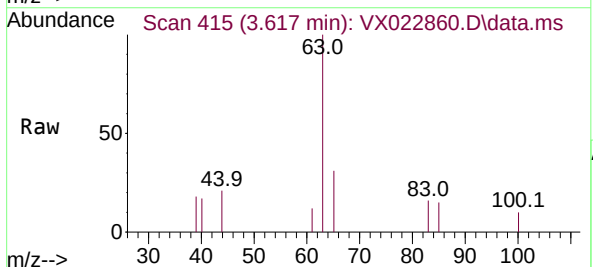
Tgt Ion: 63 Resp: 1332

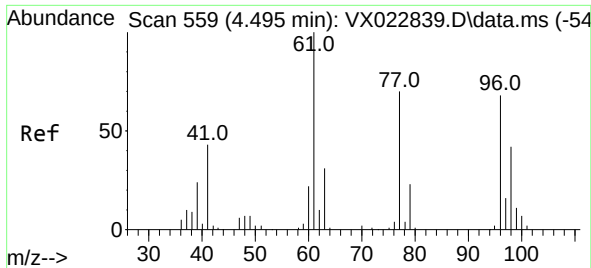
Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 9.5 2.5 7.5#





#27

cis-1,2-Dichloroethene

Concen: 4.050 ug/l

RT: 4.495 min Scan# 559

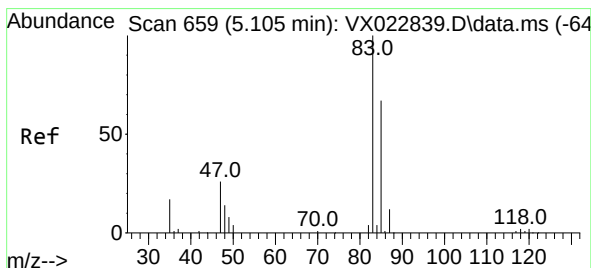
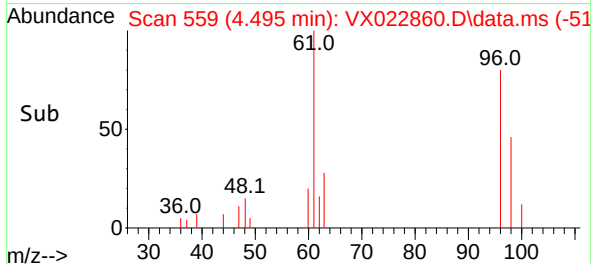
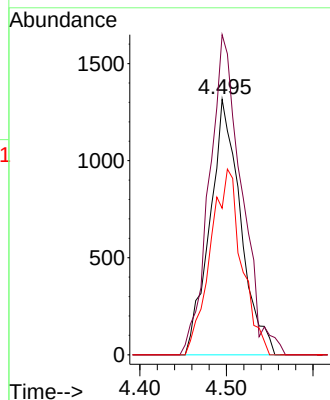
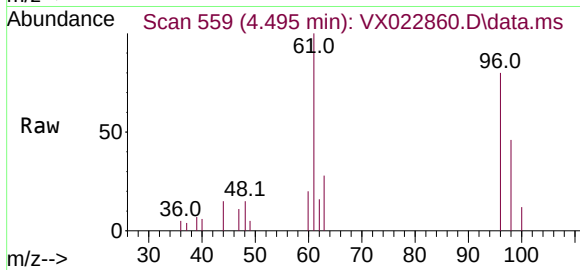
Delta R.T. -0.000 min

Lab File: VX022860.D

Acq: 23 Jun 2021 23:14

Tgt Ion: 96 Resp: 3245

Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	285.6
98	74.2	0.0	129.6



#30

Chloroform

Concen: 0.516 ug/l

RT: 5.105 min Scan# 659

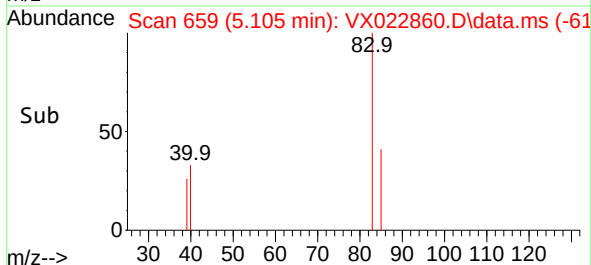
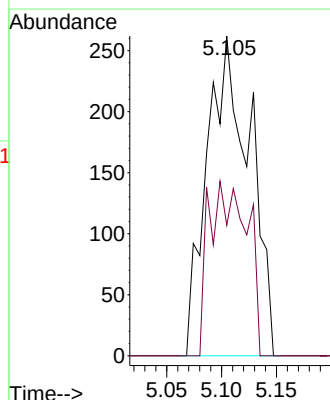
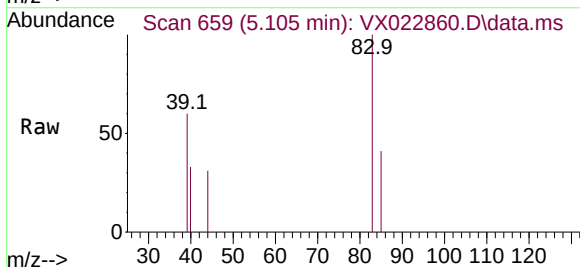
Delta R.T. -0.000 min

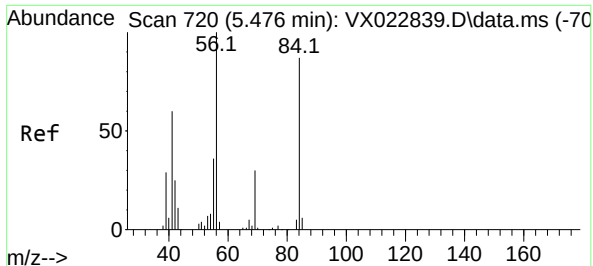
Lab File: VX022860.D

Acq: 23 Jun 2021 23:14

Tgt Ion: 83 Resp: 713

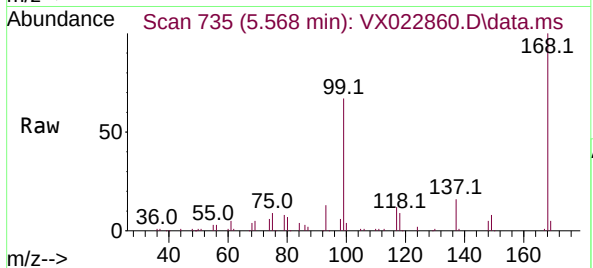
Ion	Ratio	Lower	Upper
83	100		
85	40.8	52.0	78.0#



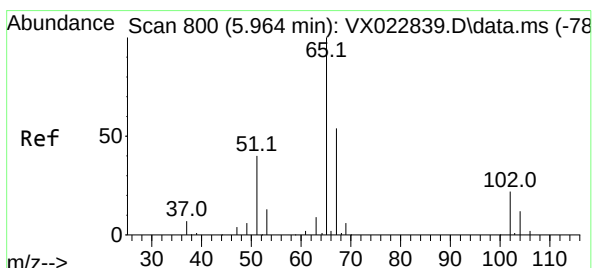
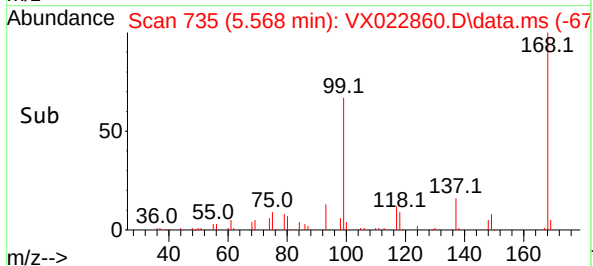
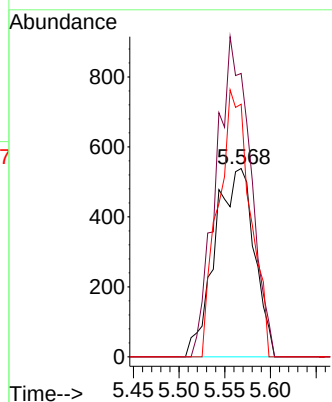


#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.092 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20210621

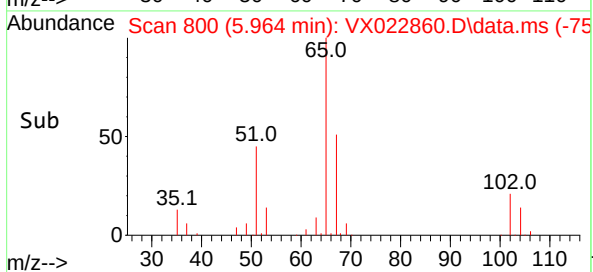
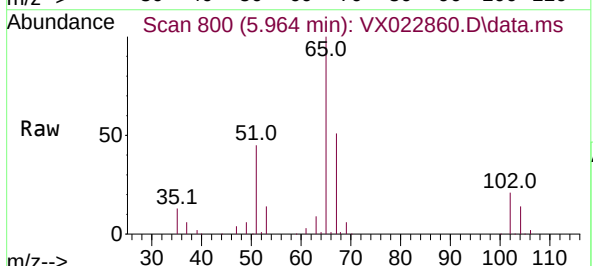
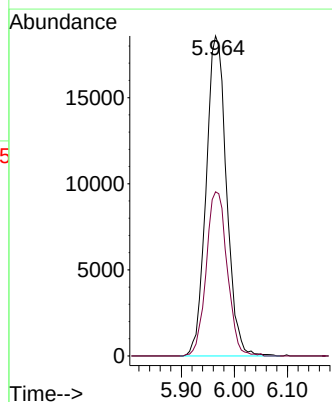


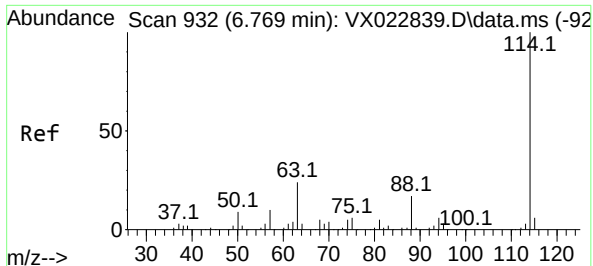
Tgt Ion: 56 Resp: 1615
Ion Ratio Lower Upper
56 100
69 150.6 25.3 37.9#
84 134.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.438 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

Tgt Ion: 65 Resp: 49552
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

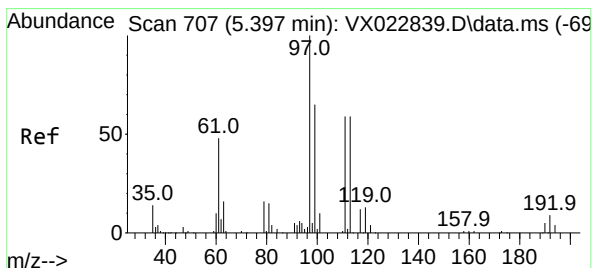
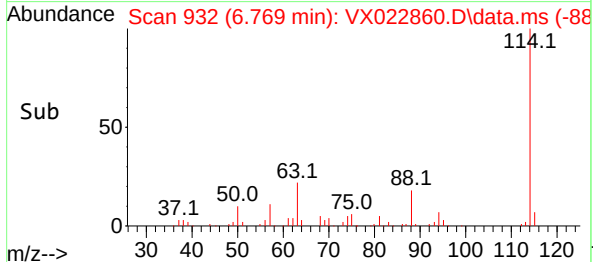
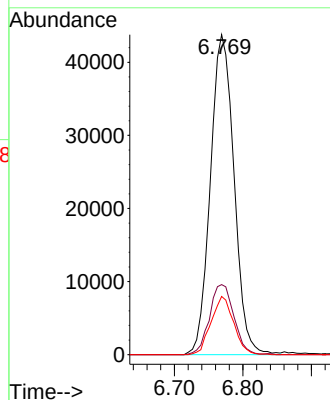
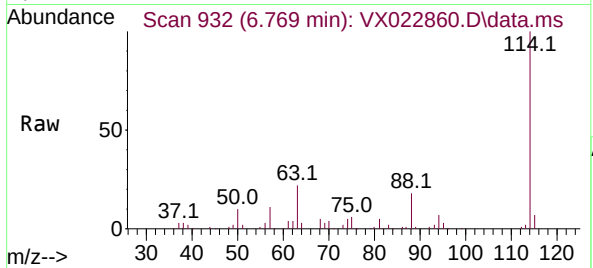




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

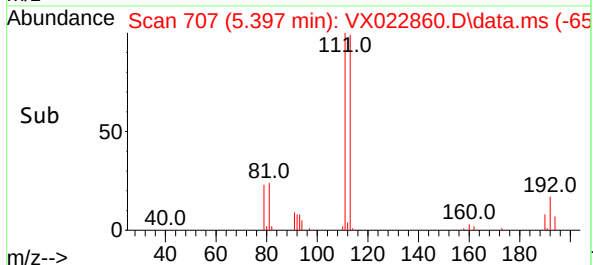
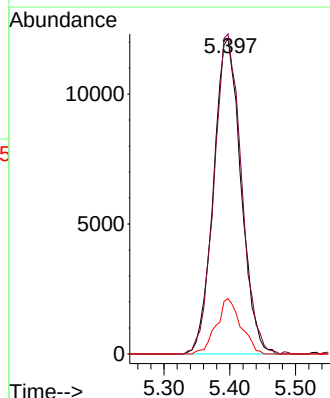
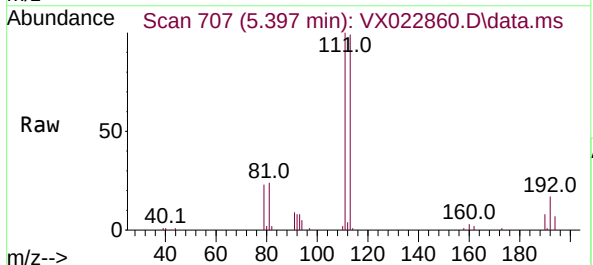
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20210621

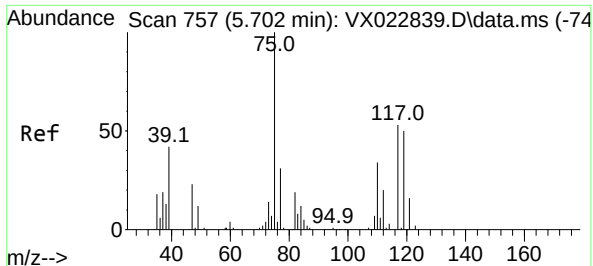
Tgt Ion:114 Resp: 105094
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 18.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.653 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

Tgt Ion:113 Resp: 35139
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 15.8 16.7 25.1#

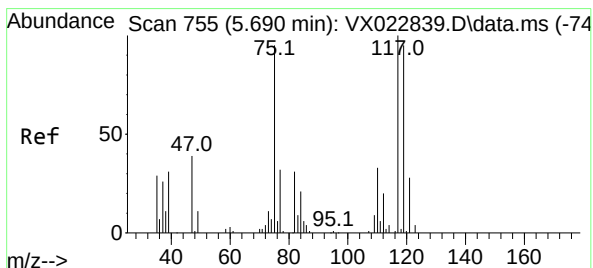
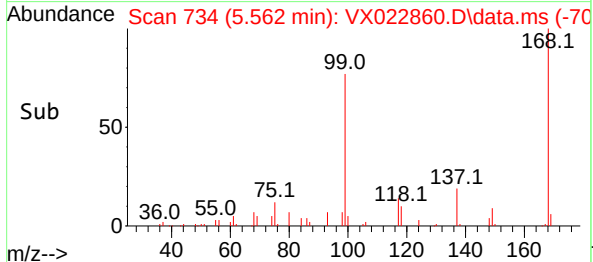
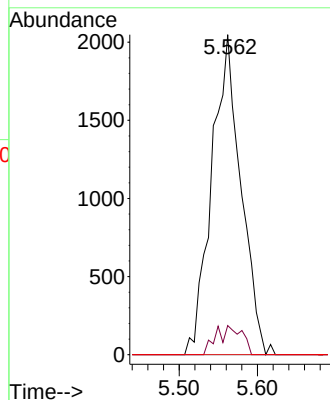
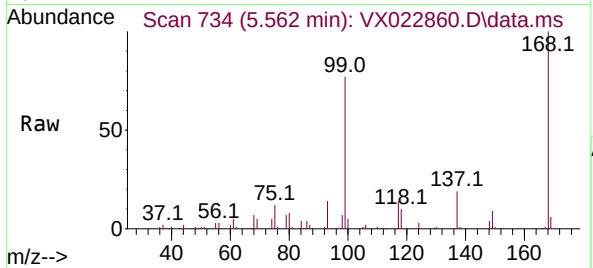




#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

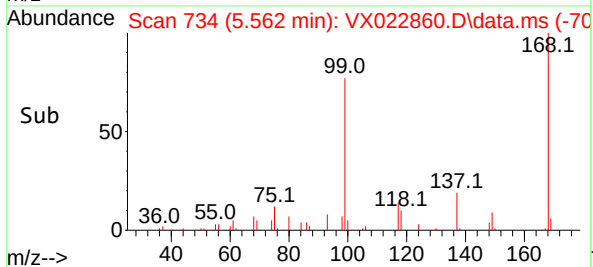
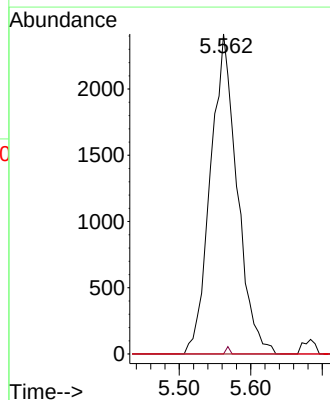
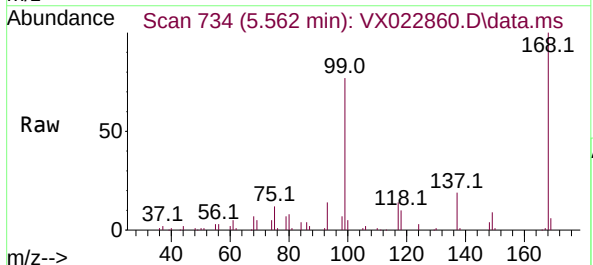
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20210621

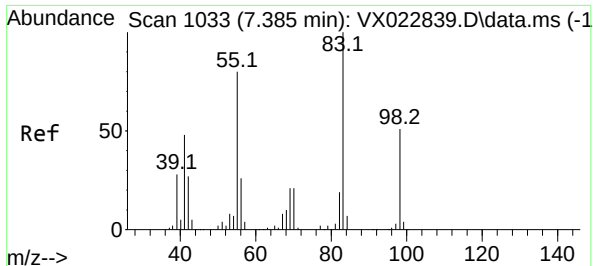
Tgt Ion: 75 Resp: 5317
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.686 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

Tgt Ion: 117 Resp: 6260
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.897 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX022860.D

Acq: 23 Jun 2021 23:14

Tgt Ion: 83 Resp: 1168

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

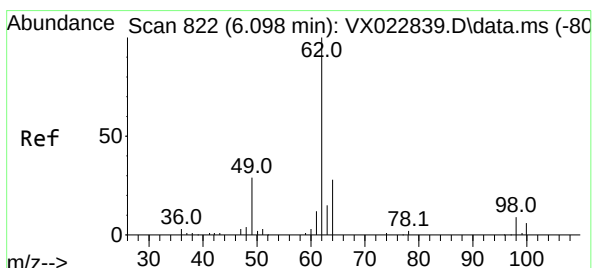
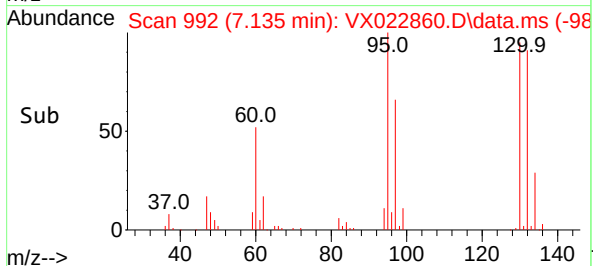
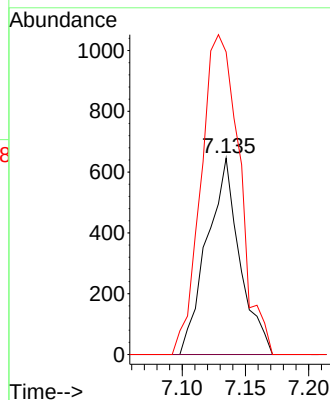
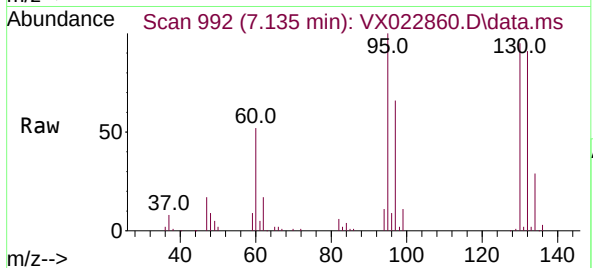
98 154.0 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20210621



#42

1,2-Dichloroethane

Concen: 0.264 ug/l

RT: 6.098 min Scan# 822

Delta R.T. 0.000 min

Lab File: VX022860.D

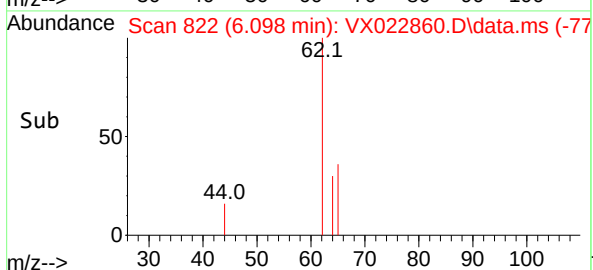
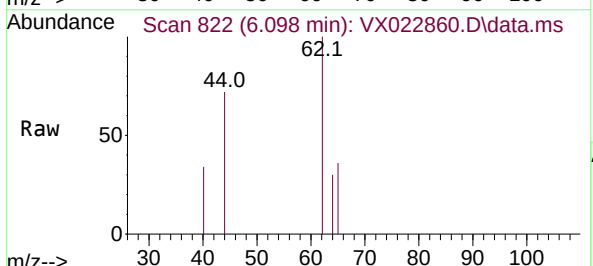
Acq: 23 Jun 2021 23:14

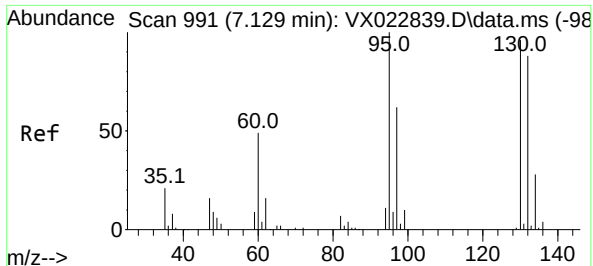
Tgt Ion: 62 Resp: 313

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2

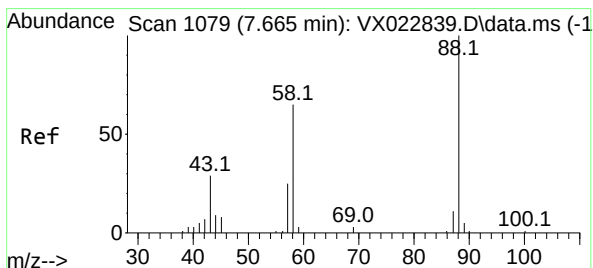
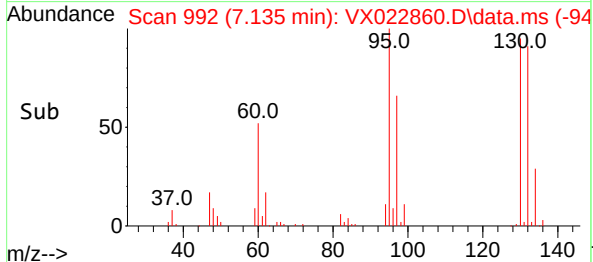
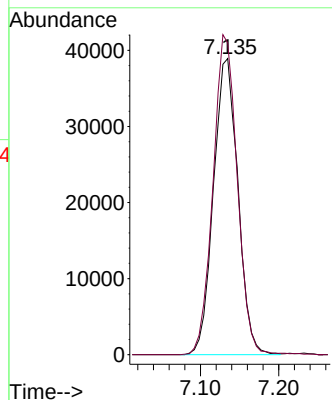
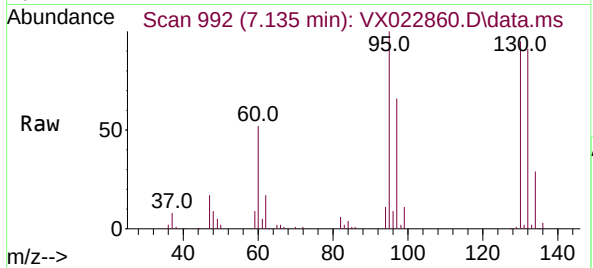




#44
Trichloroethene
Concen: 110.796 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

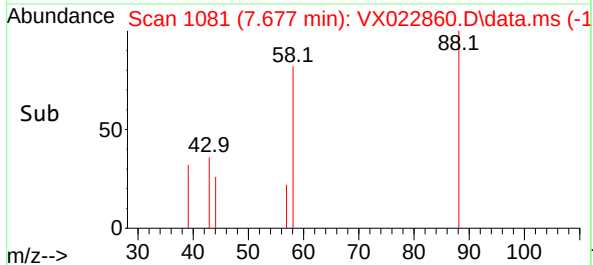
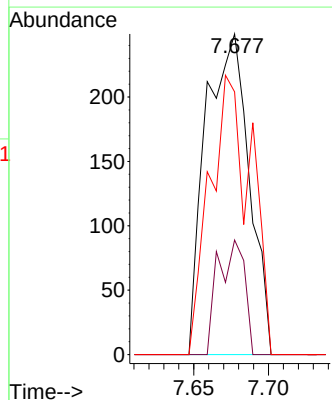
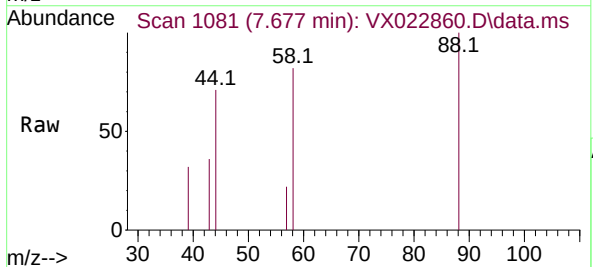
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20210621

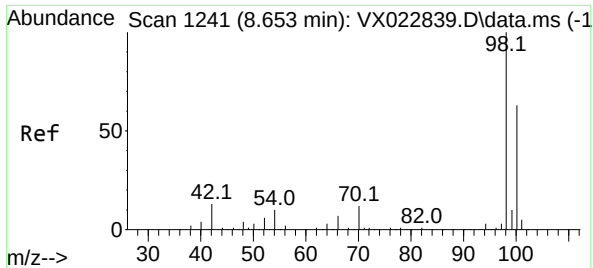
Tgt Ion:130 Resp: 84575
Ion Ratio Lower Upper
130 100
95 105.3 0.0 198.0



#49
1,4-Dioxane
Concen: 24.238 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

Tgt Ion: 88 Resp: 502
Ion Ratio Lower Upper
88 100
43 21.7 23.2 34.8#
58 82.5 55.0 82.4#

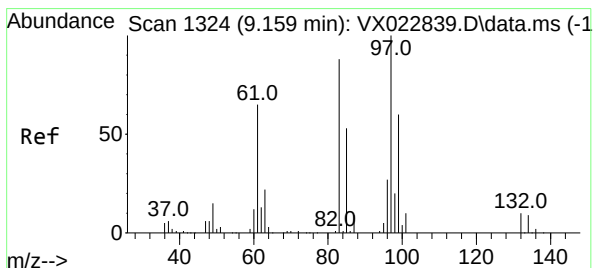
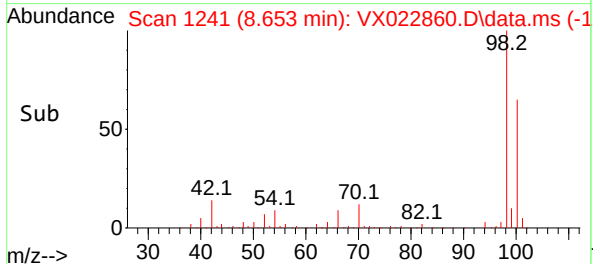
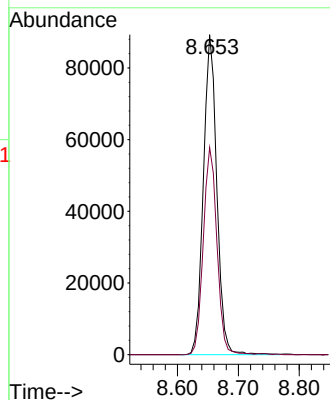
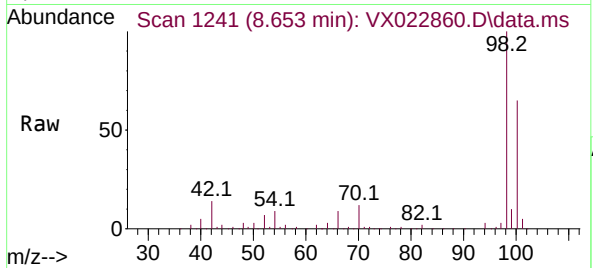




#50
Toluene-d8
Concen: 52.335 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

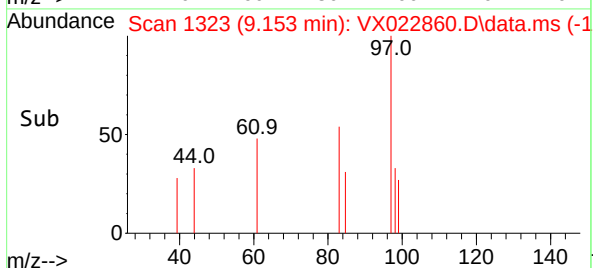
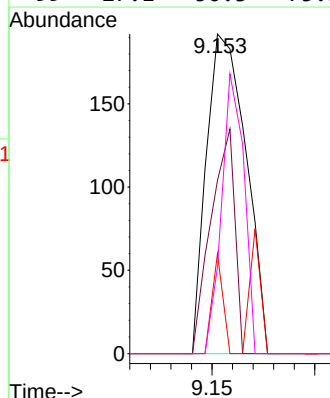
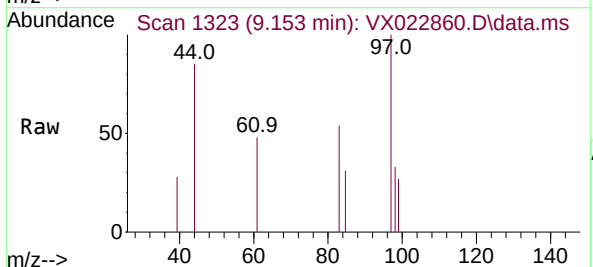
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20210621

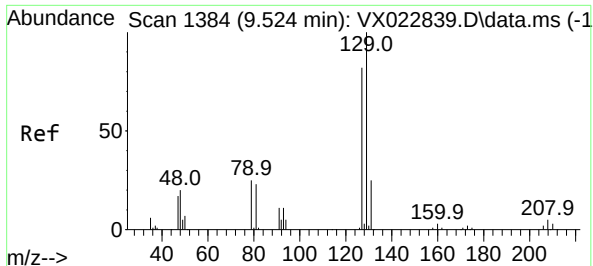
Tgt Ion: 98 Resp: 136886
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 0.329 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

Tgt Ion: 97 Resp: 257
Ion Ratio Lower Upper
97 100
83 54.2 69.3 103.9#
85 31.3 44.3 66.5#
99 27.1 50.3 75.5#

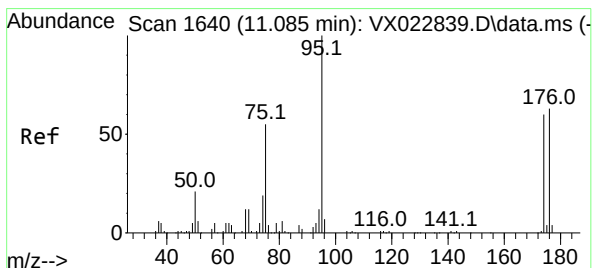
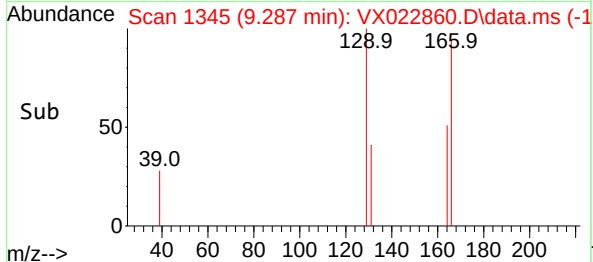
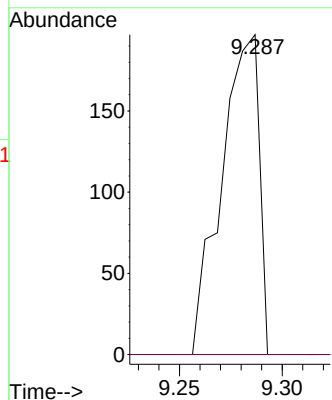
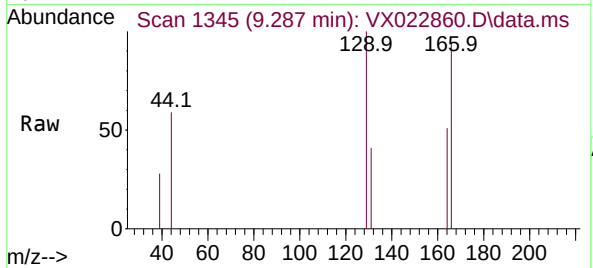




#60
Dibromochloromethane
Concen: 3.955 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.237 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

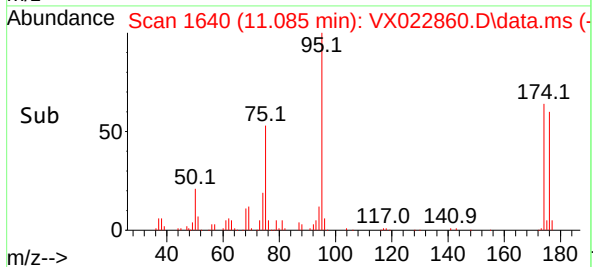
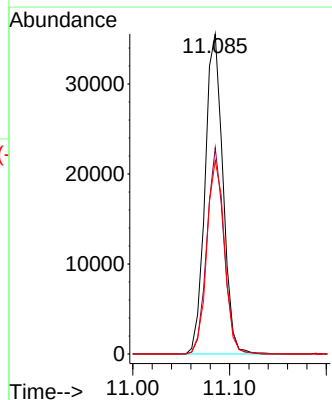
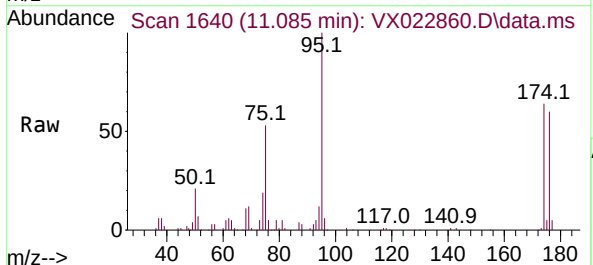
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20210621

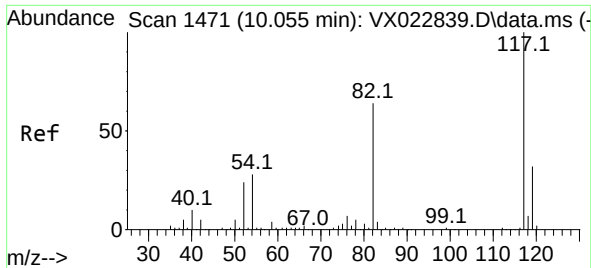
Tgt Ion:129 Resp: 252
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.760 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

Tgt Ion: 95 Resp: 45645
Ion Ratio Lower Upper
95 100
174 61.5 0.0 154.6
176 59.9 0.0 155.8

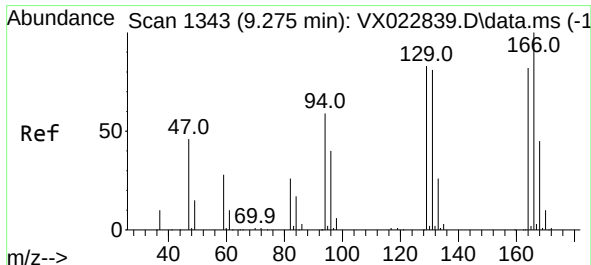
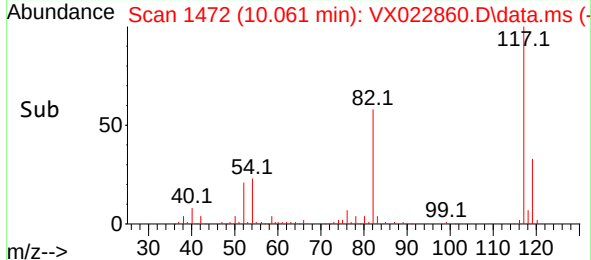
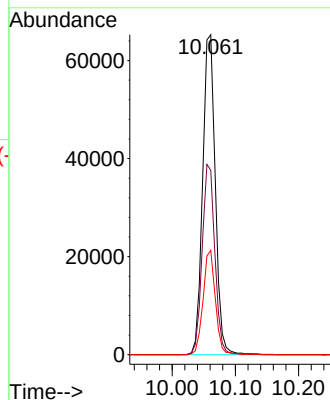
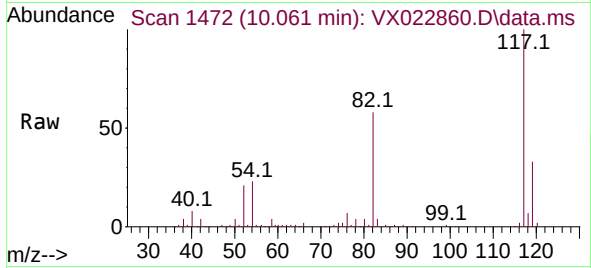




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

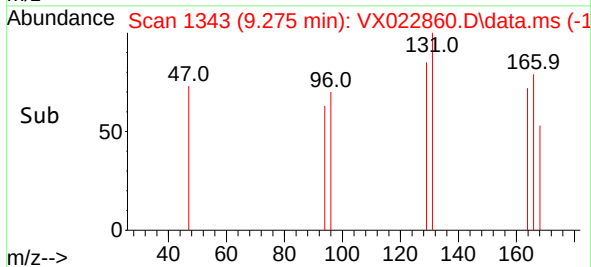
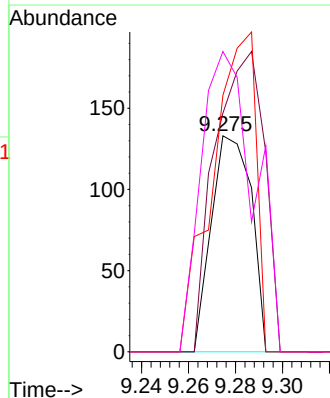
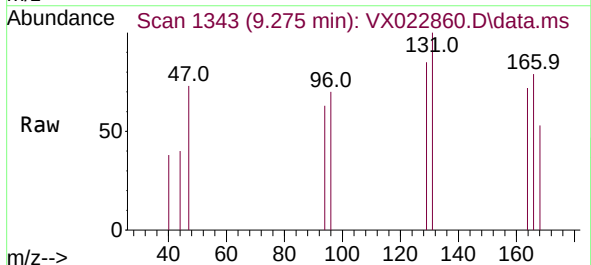
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20210621

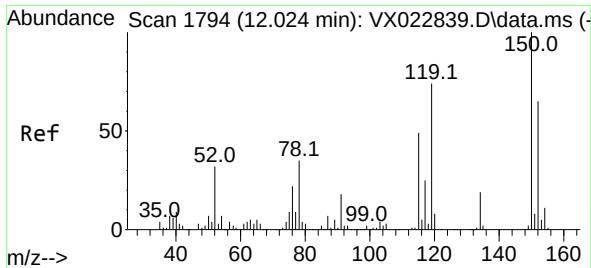
Tgt Ion:117 Resp: 91105
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.5 26.6 39.8



#64
Tetrachloroethene
Concen: 0.245 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX022860.D
Acq: 23 Jun 2021 23:14

Tgt Ion:164 Resp: 157
Ion Ratio Lower Upper
164 100
166 110.5 103.4 155.2
129 118.8 70.8 106.2#
131 139.1 72.5 108.7#

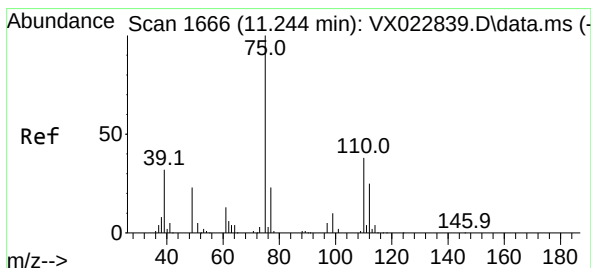
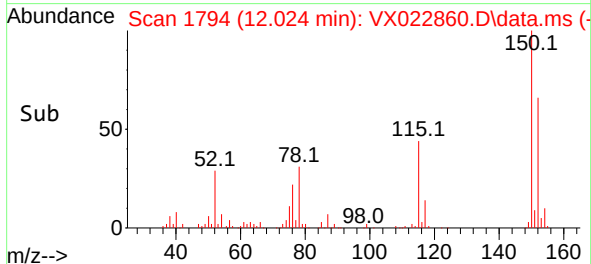
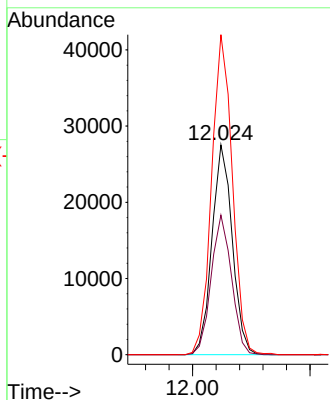
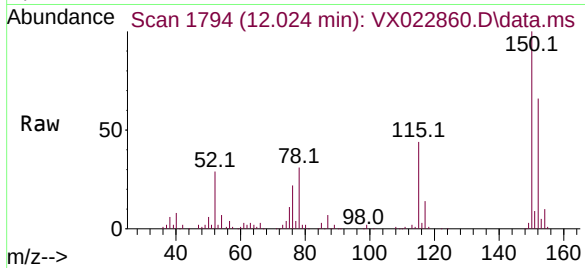




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022860.D
 Acq: 23 Jun 2021 23:14

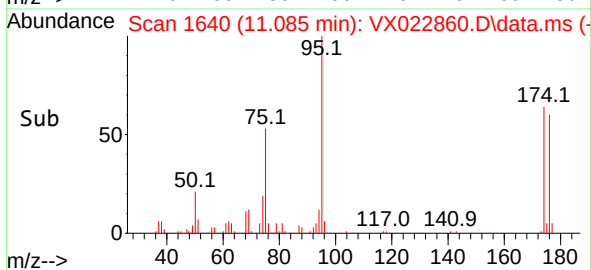
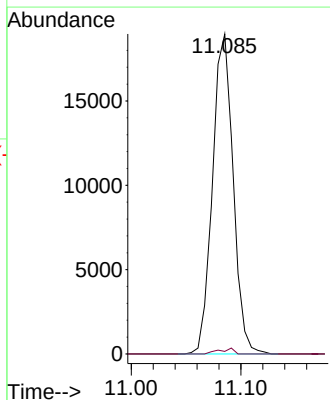
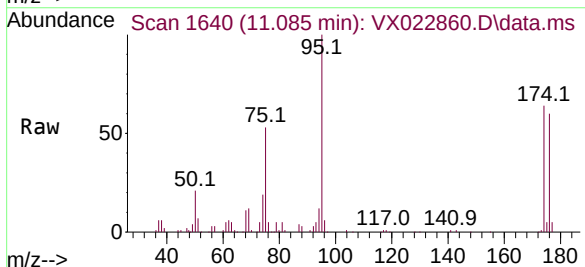
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20210621

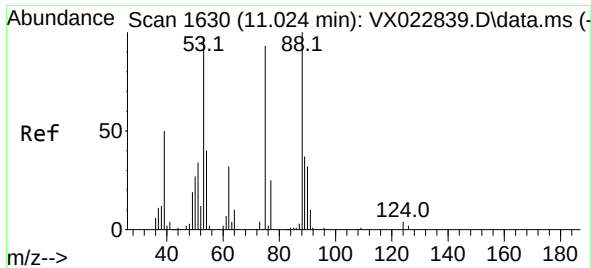
Tgt Ion:152 Resp: 33045
 Ion Ratio Lower Upper
 152 100
 115 66.5 41.1 123.3
 150 155.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.473 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022860.D
 Acq: 23 Jun 2021 23:14

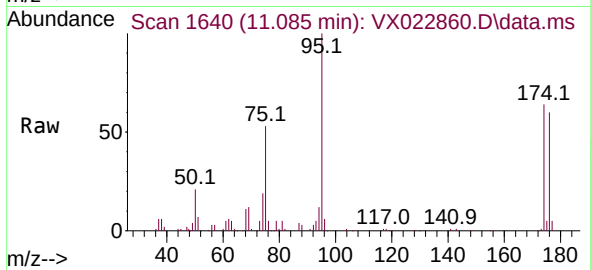
Tgt Ion: 75 Resp: 24853
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.404 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022860.D
 Acq: 23 Jun 2021 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20210621



Tgt Ion:	75	Resp:	24853
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

