

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020339.D
 Acq On : 23 Dec 2020 15:31
 Operator : JC/MD
 Sample : L5123-02 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20201211

Quant Time: Dec 24 00:17:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

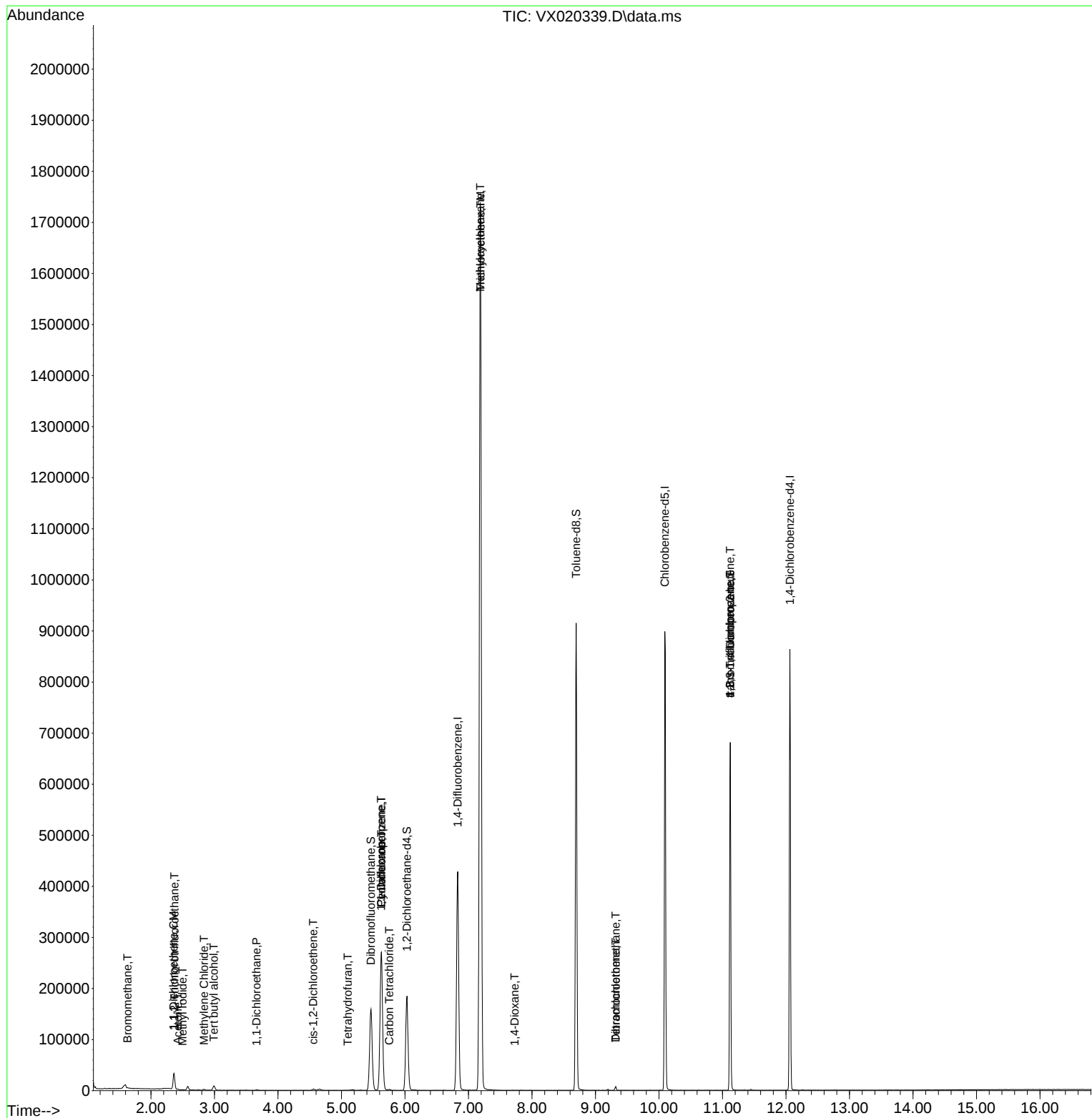
Internal Standards						
1) Pentafluorobenzene	5.629	168	255722	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	433604	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	419814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	173896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	173027	50.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.96%			
35) Dibromofluoromethane	5.465	113	138913	50.08	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.16%			
50) Toluene-d8	8.696	98	538535	50.44	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.88%			
62) 4-Bromofluorobenzene	11.122	95	186338	45.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.20%			
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	595	0.53	ug/l #	64
9) 1,1,2-Trichlorotrifluo...	2.368	101	10470	4.10	ug/l	98
10) Methyl Iodide	2.496	142	233	3.35	ug/l #	42
11) Tert butyl alcohol	2.989	59	5117	6.67	ug/l #	74
12) 1,1-Dichloroethene	2.355	96	3315	1.27	ug/l	95
16) Acetone	2.422	43	1210	0.77	ug/l	88
20) Methylene Chloride	2.837	84	721	0.20	ug/l	95
24) 1,1-Dichloroethane	3.660	63	1237	0.22	ug/l #	81
27) cis-1,2-Dichloroethene	4.556	96	1612	0.45	ug/l	93
29) Tetrahydrofuran	5.099	42	354	0.25	ug/l #	31
31) Cyclohexane	5.629	56	5127	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	19896	4.64	ug/l #	49
38) Carbon Tetrachloride	5.751	117	1128	0.28	ug/l #	85
39) Methylcyclohexane	7.184	83	8309	1.68	ug/l #	1
44) Trichloroethene	7.190	130	688244	199.59	ug/l	98
49) 1,4-Dioxane	7.726	88	86	1.07	ug/l #	42
60) Dibromochloromethane	9.318	129	1335	0.40	ug/l #	11
64) Tetrachloroethene	9.318	164	1297	0.41	ug/l	91
76) 1,2,3-Trichloropropane	11.122	75	91622	21.39	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	91622	63.46	ug/l #	12

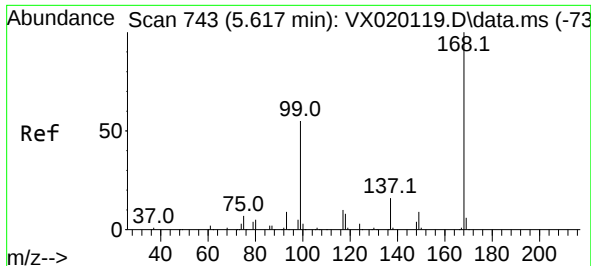
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
Data File : VX020339.D
Acq On : 23 Dec 2020 15:31
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211

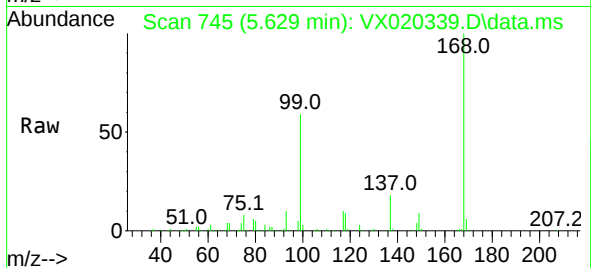
Quant Time: Dec 24 00:17:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
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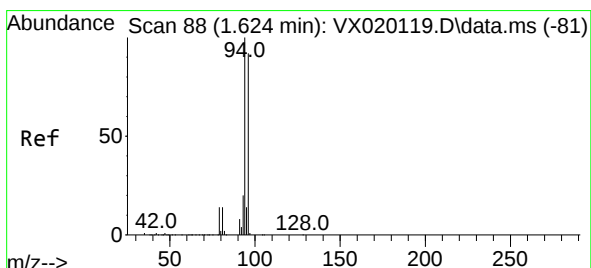
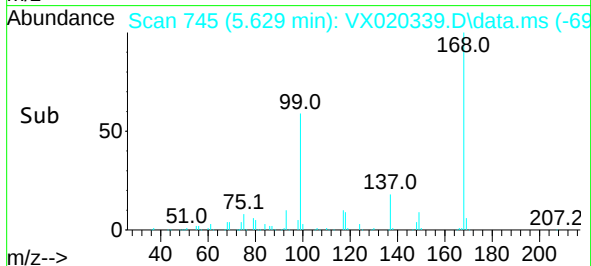
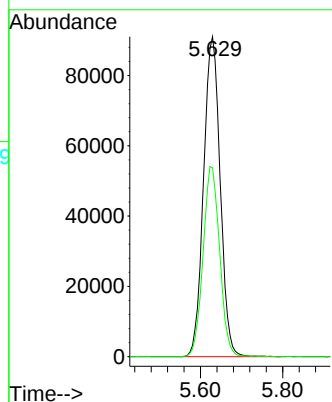


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211

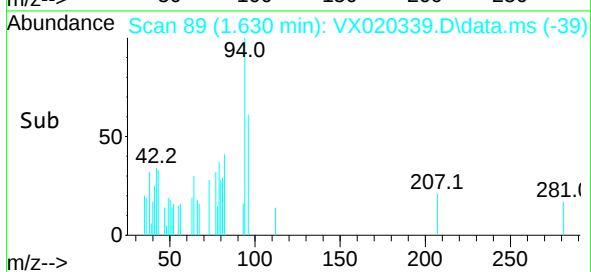
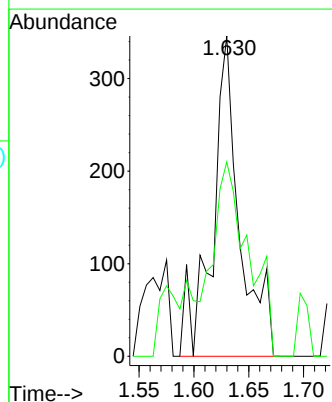
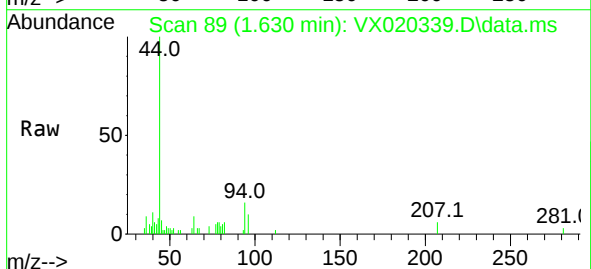


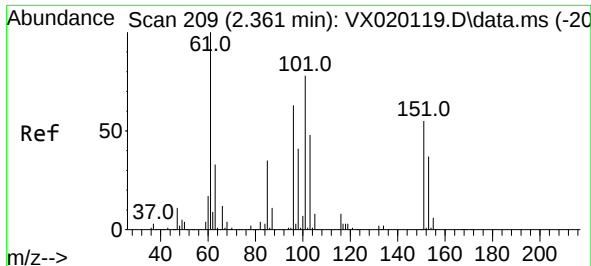
Tgt Ion:168 Resp: 255722
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Tgt Ion: 94 Resp: 595
Ion Ratio Lower Upper
94 100
96 60.7 76.4 114.6#

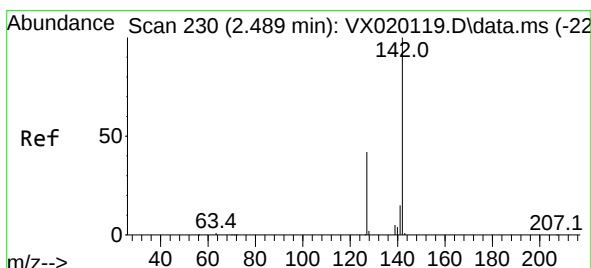
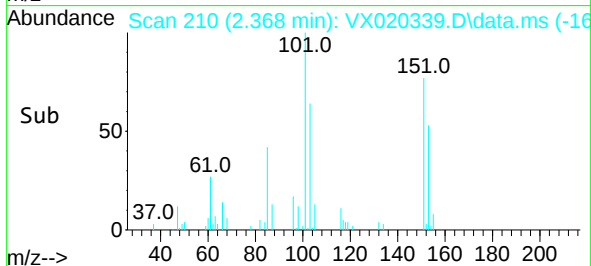
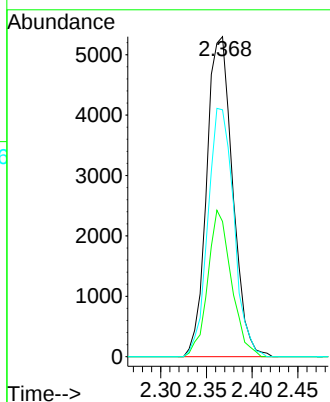
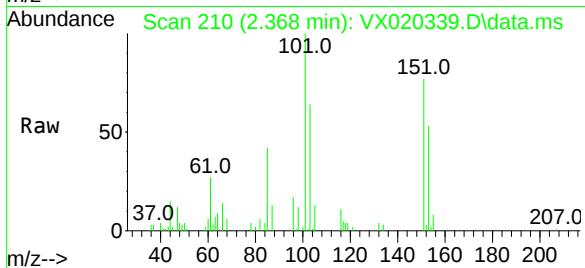




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.10 ug/l
RT: 2.368 min Scan# 210
Delta R.T. 0.007 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

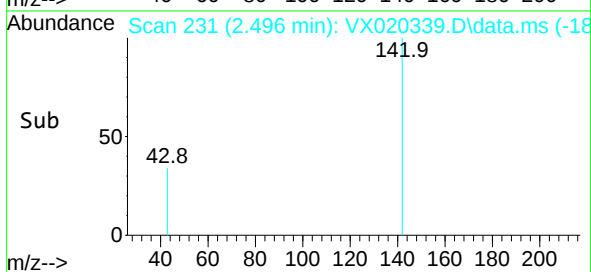
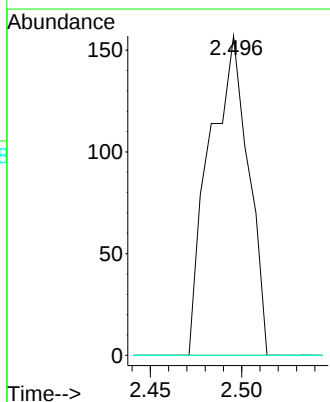
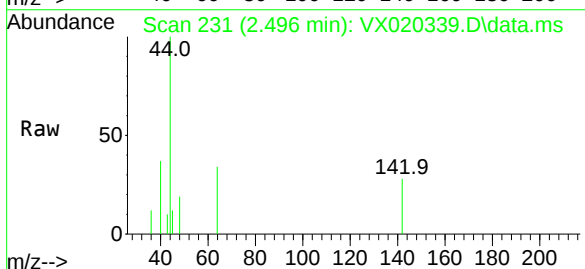
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211

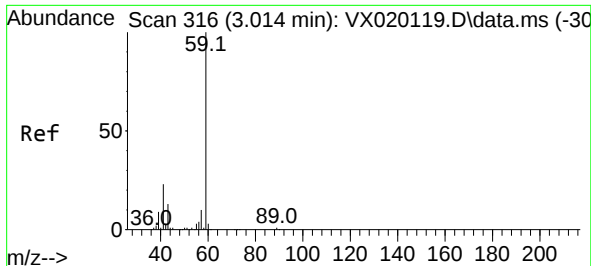
Tgt Ion:101 Resp: 10470
Ion Ratio Lower Upper
101 100
85 41.6 34.9 52.3
151 77.6 61.4 92.2



#10
Methyl Iodide
Concen: 3.35 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Tgt Ion:142 Resp: 233
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



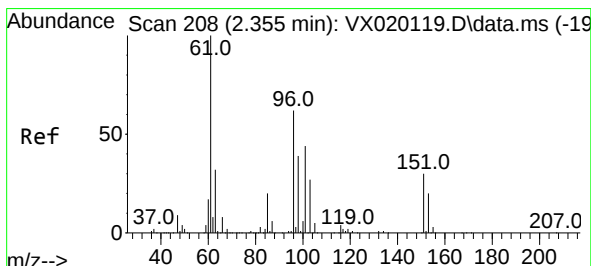
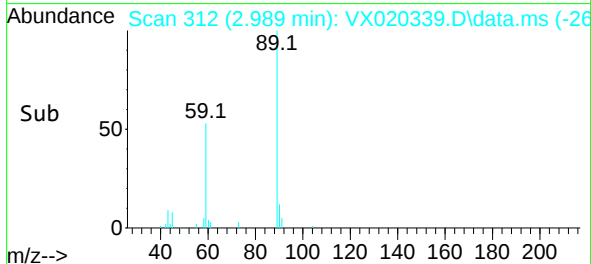
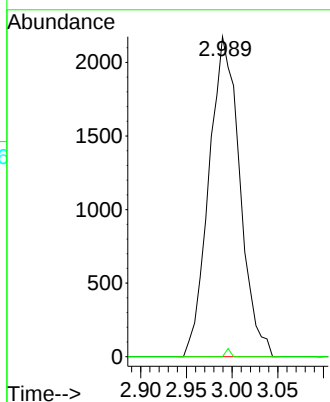
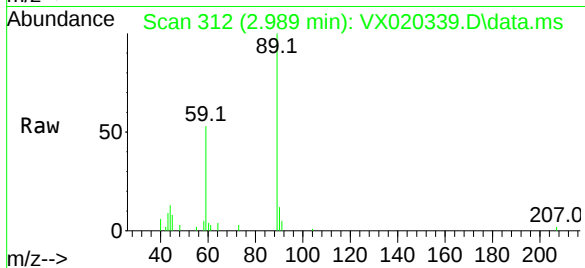


#11

Tert butyl alcohol
Concen: 6.67 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211

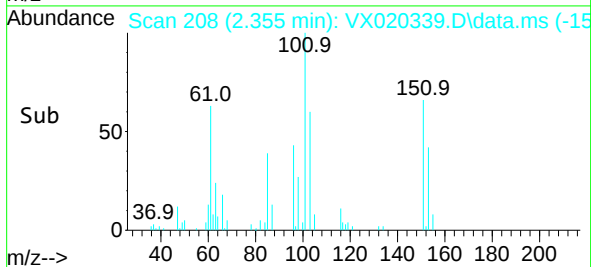
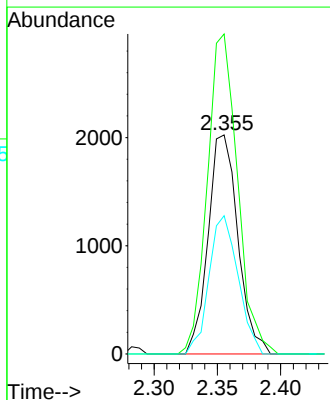
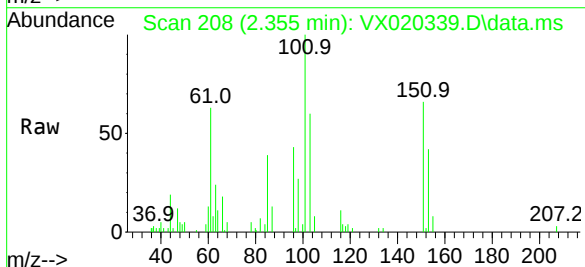
Tgt Ion: 59 Resp: 5117
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.8#

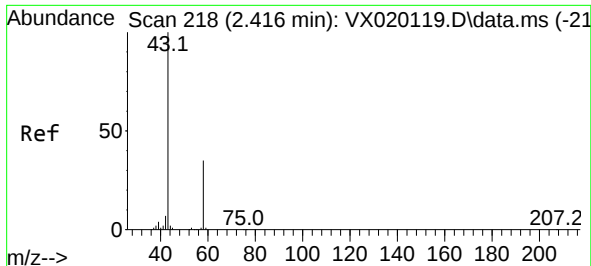


#12

1,1-Dichloroethene
Concen: 1.27 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Tgt Ion: 96 Resp: 3315
Ion Ratio Lower Upper
96 100
61 146.1 124.6 187.0
98 63.1 50.6 76.0

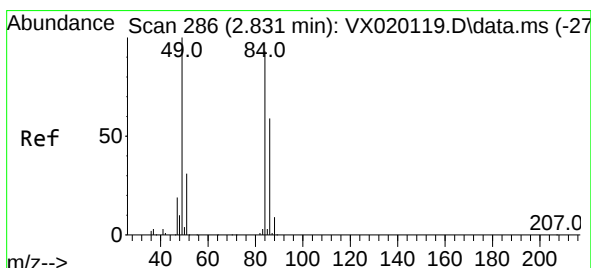
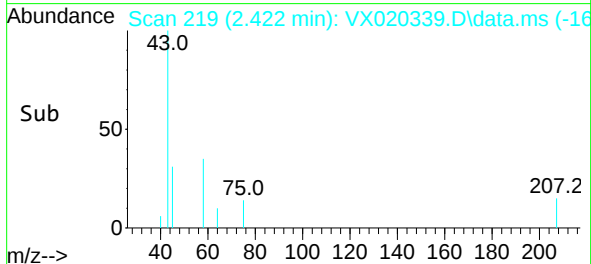
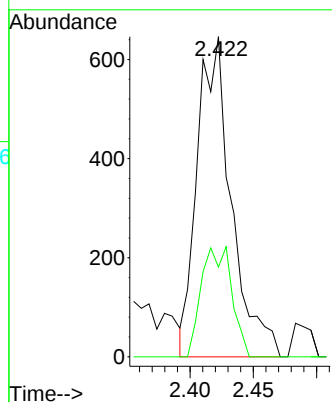
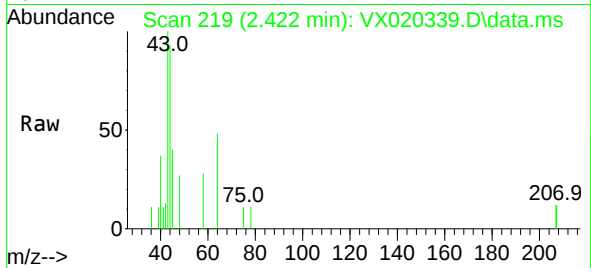




#16
Acetone
Concen: 0.77 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

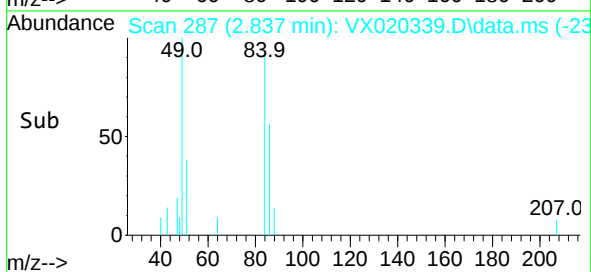
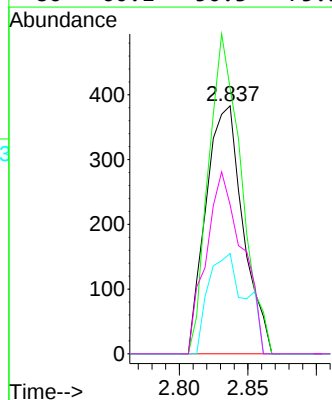
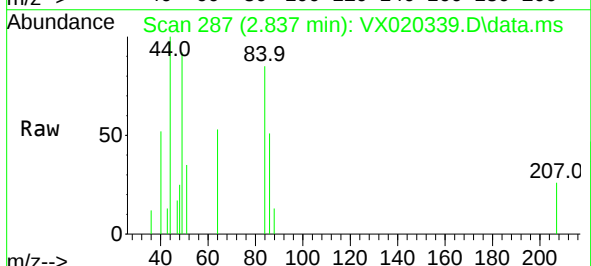
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211

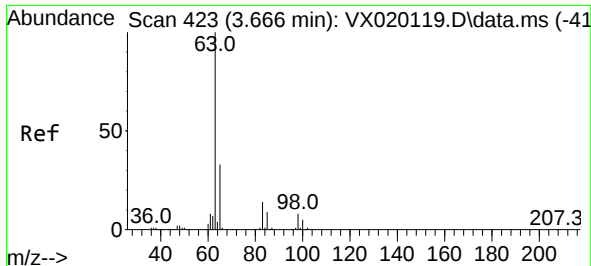
Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
58 28.0 27.8 41.8



#20
Methylene Chloride
Concen: 0.20 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

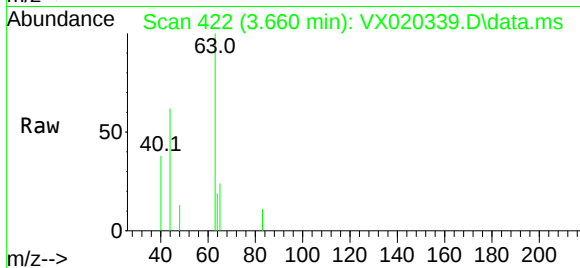
Tgt Ion: 84 Resp: 721
Ion Ratio Lower Upper
84 100
49 107.0 88.6 132.8
51 40.5 27.0 40.6
86 60.1 50.3 75.5



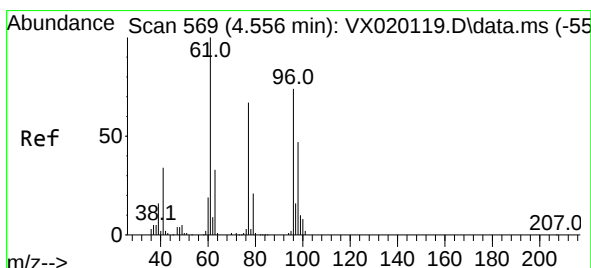
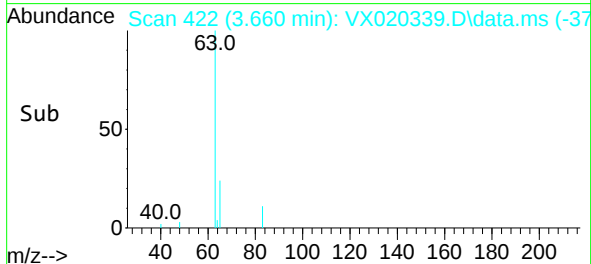
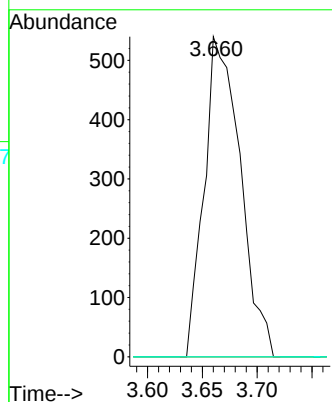


#24
1,1-Dichloroethane
Concen: 0.22 ug/l
RT: 3.660 min Scan# 422
Delta R.T. -0.006 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211

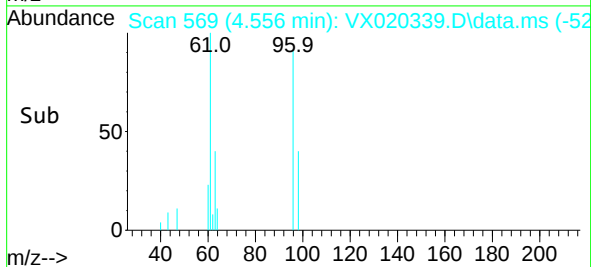
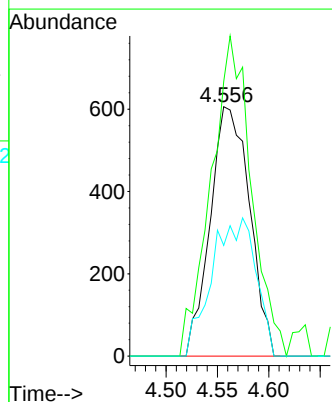
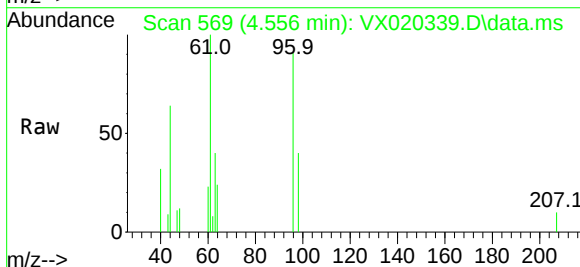


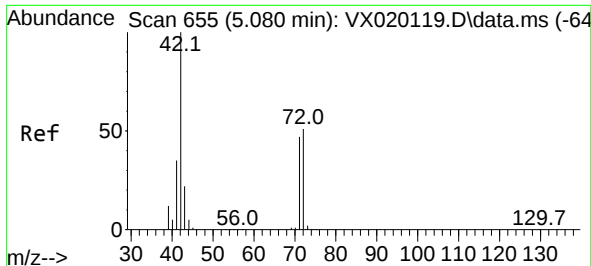
Tgt Ion: 63 Resp: 1237
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 0.45 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Tgt Ion: 96 Resp: 1612
Ion Ratio Lower Upper
96 100
61 131.8 0.0 285.6
98 62.3 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.25 ug/l

RT: 5.099 min Scan# 658

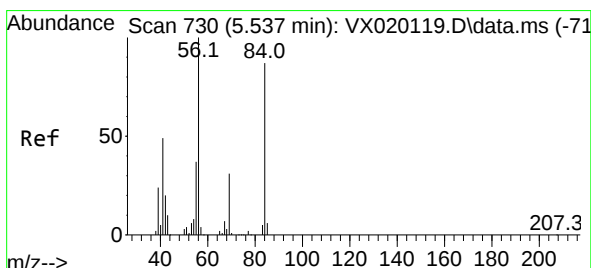
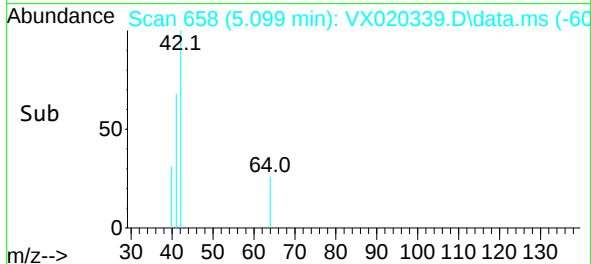
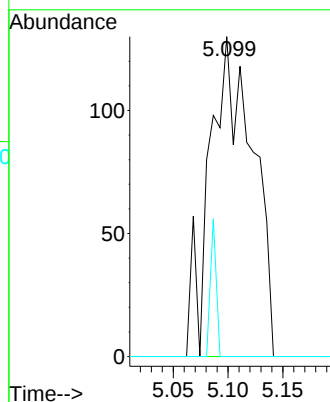
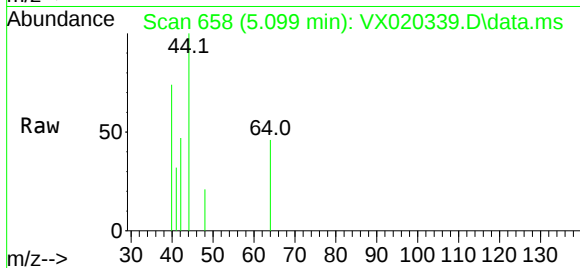
Delta R.T. 0.019 min

Lab File: VX020339.D

Acq: 23 Dec 2020 15:31

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Tgt Ion: 42	Resp: 354
Ion Ratio	Lower Upper
42 100	
72 0.0	41.7 62.5#
71 5.6	38.4 57.6#



#31

Cyclohexane

Concen: 1.08 ug/l

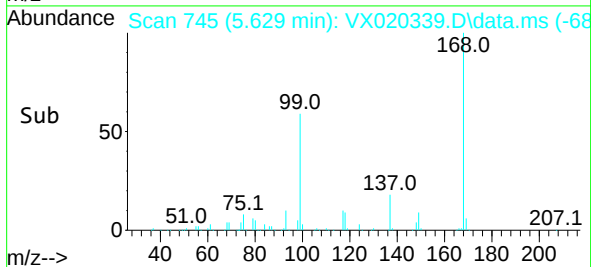
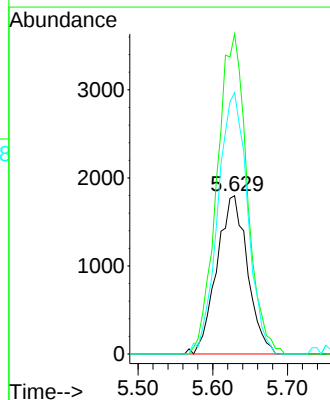
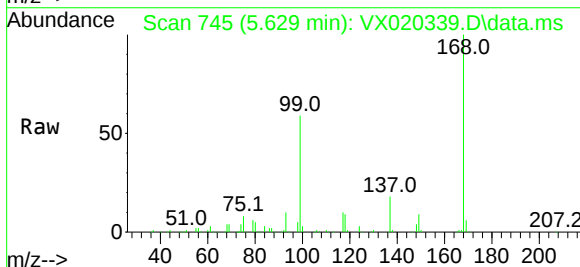
RT: 5.629 min Scan# 745

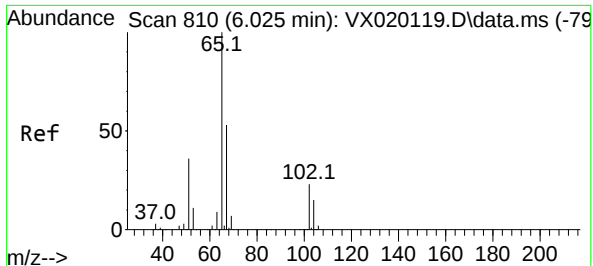
Delta R.T. 0.092 min

Lab File: VX020339.D

Acq: 23 Dec 2020 15:31

Tgt Ion: 56	Resp: 5127
Ion Ratio	Lower Upper
56 100	
69 202.2	25.3 37.9#
84 165.1	71.4 107.0#



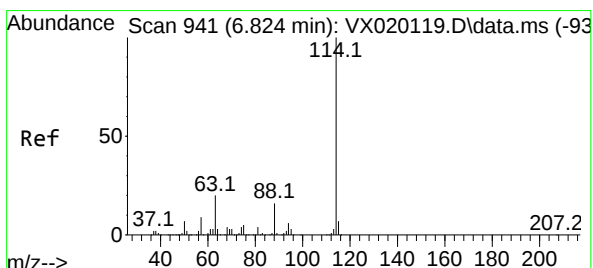
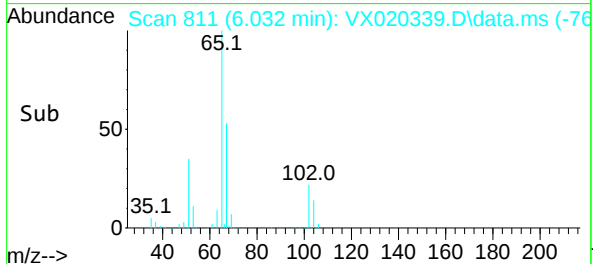
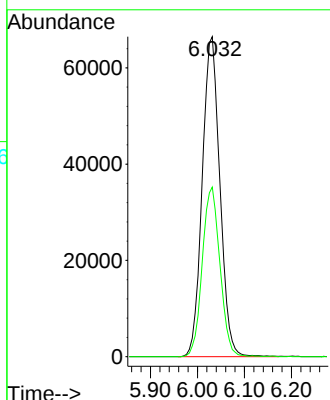
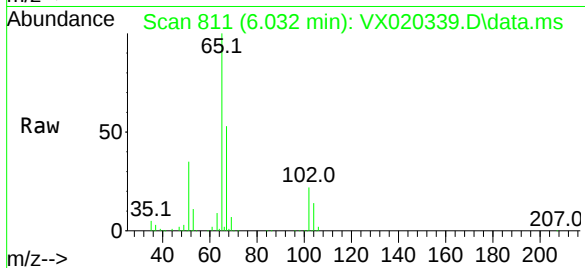


#33

1,2-Dichloroethane-d4
Concen: 50.48 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Instrument :
MSVOA_X
ClientSampleId :
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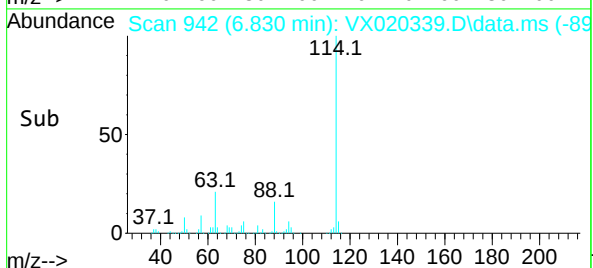
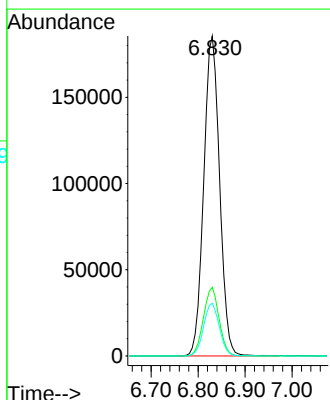
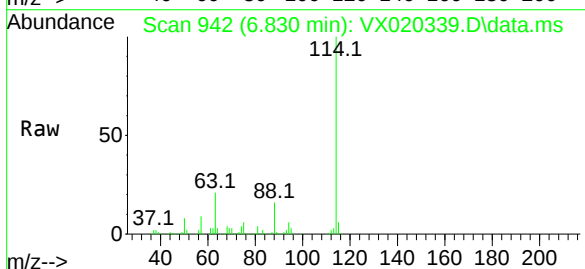
Tgt Ion: 65 Resp: 173027
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

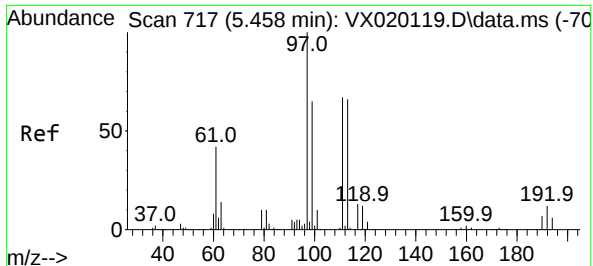


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Tgt Ion: 114 Resp: 433604
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.5 0.0 32.8

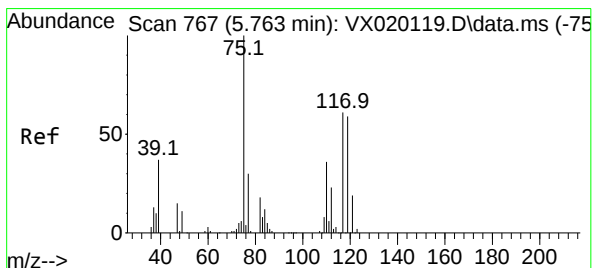
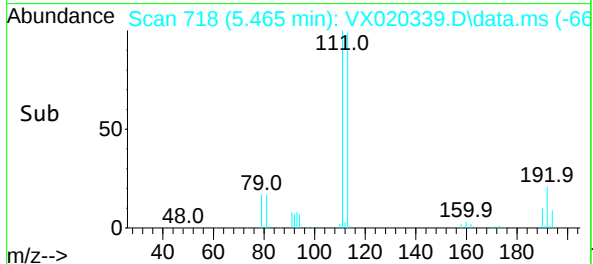
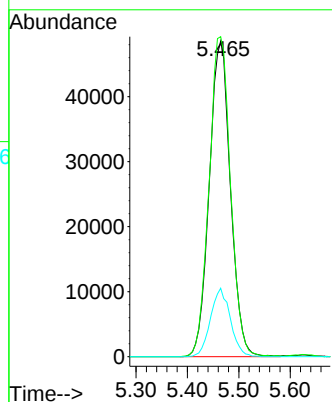
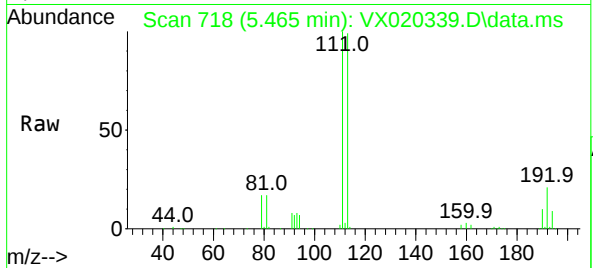




#35
Dibromofluoromethane
Concen: 50.08 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

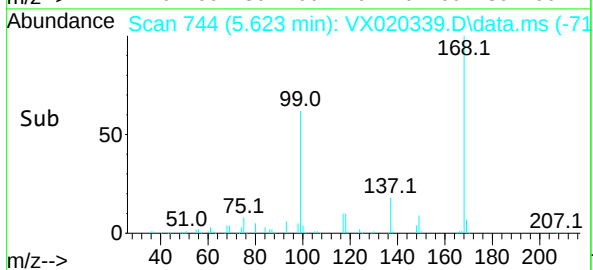
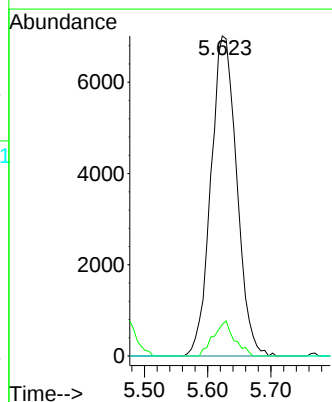
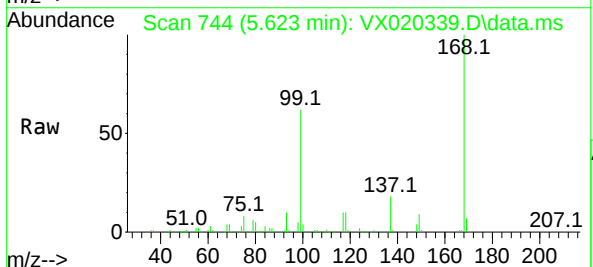
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211

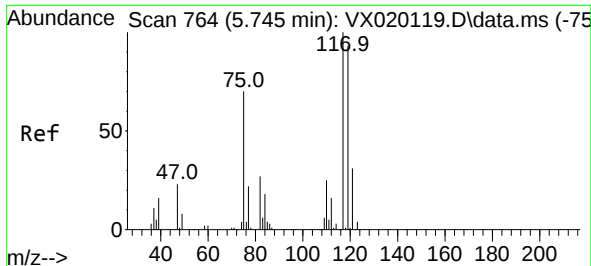
Tgt Ion:113 Resp: 138913
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Tgt Ion: 75 Resp: 19896
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#

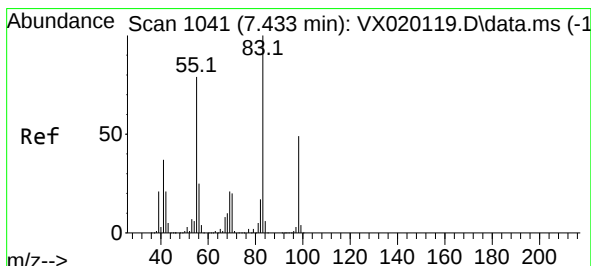
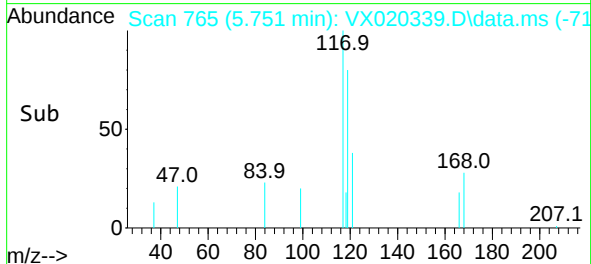
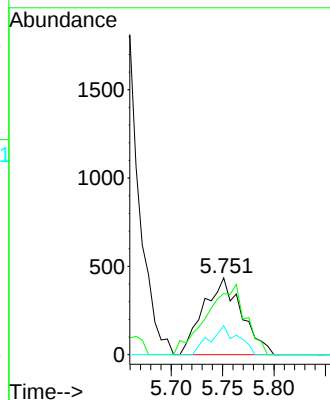
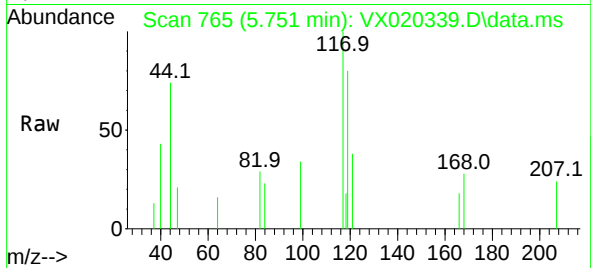




#38
Carbon Tetrachloride
Concen: 0.28 ug/l
RT: 5.751 min Scan# 765
Delta R.T. 0.006 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

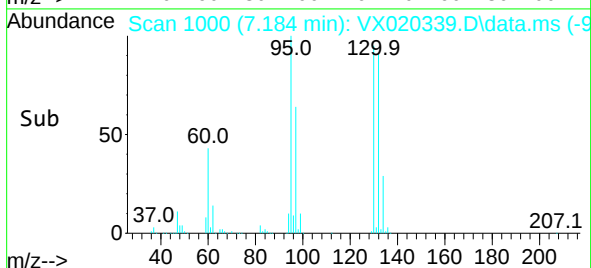
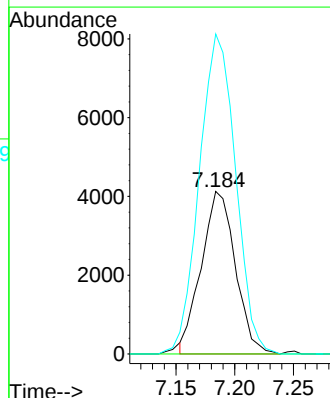
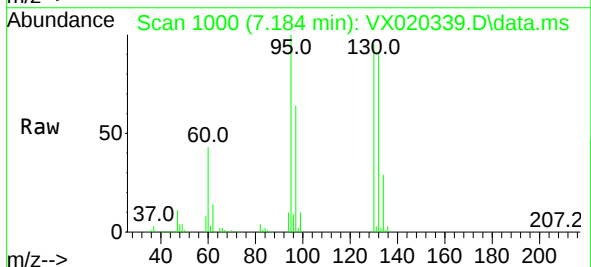
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211

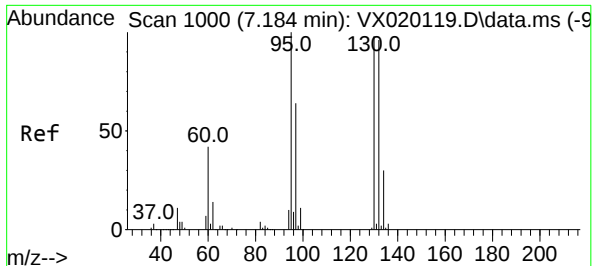
Tgt Ion:117 Resp: 1128
Ion Ratio Lower Upper
117 100
119 79.5 76.2 114.2
121 37.7 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.68 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.249 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Tgt Ion: 83 Resp: 8309
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 196.9 38.1 57.1#

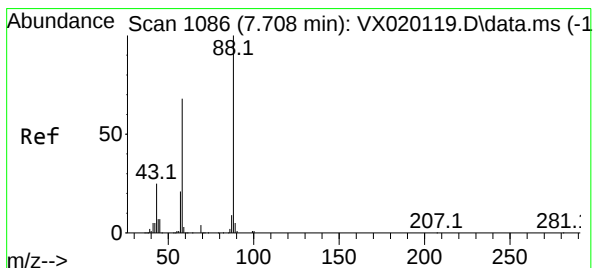
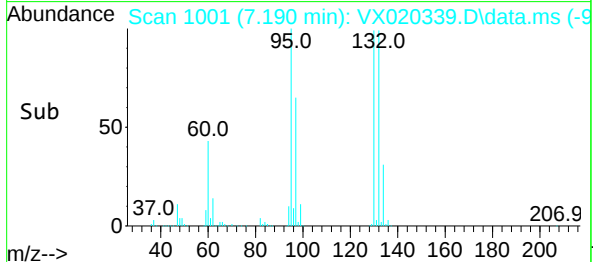
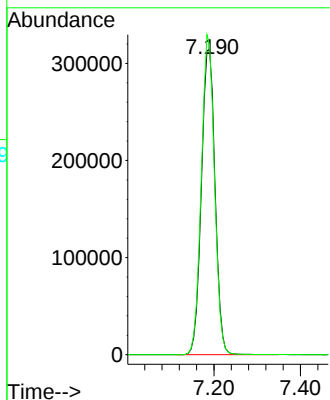
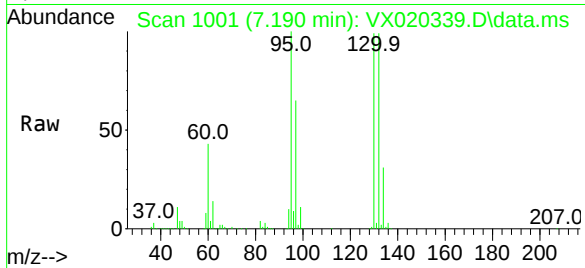




#44
Trichloroethene
Concen: 199.59 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

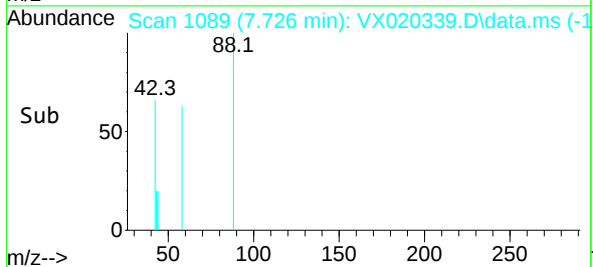
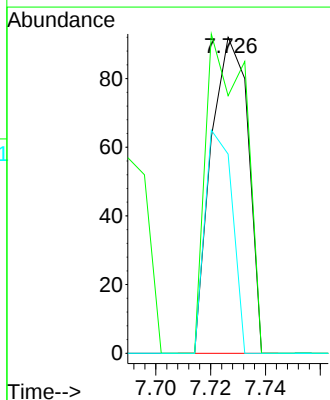
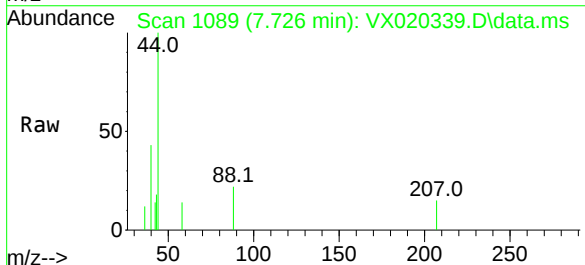
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211

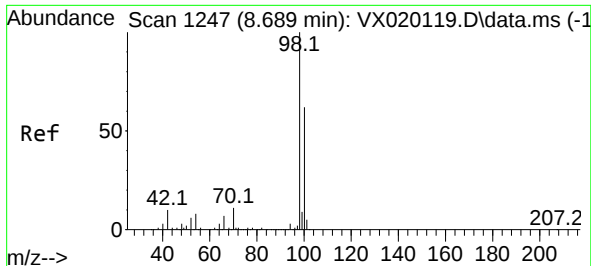
Tgt Ion:130 Resp: 688244
Ion Ratio Lower Upper
130 100
95 101.5 0.0 198.0



#49
1,4-Dioxane
Concen: 1.07 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
43 107.0 23.2 34.8#
58 52.3 55.0 82.4#

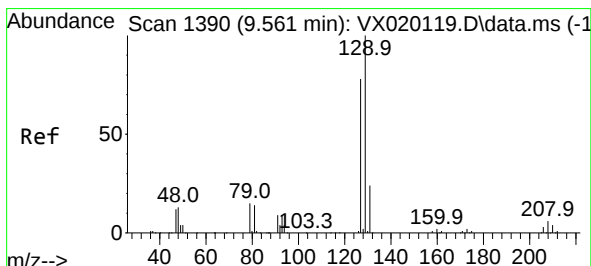
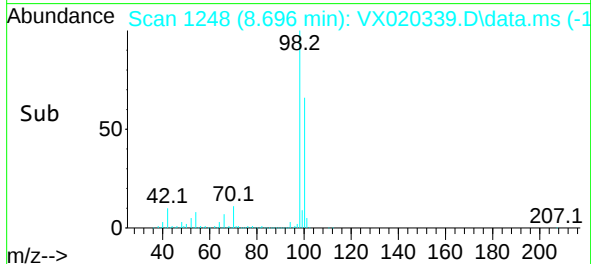
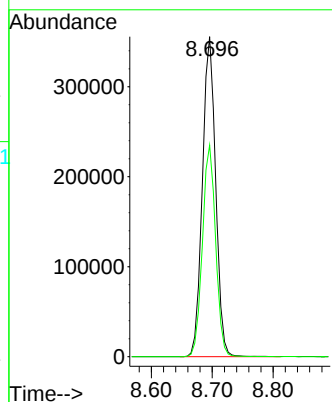
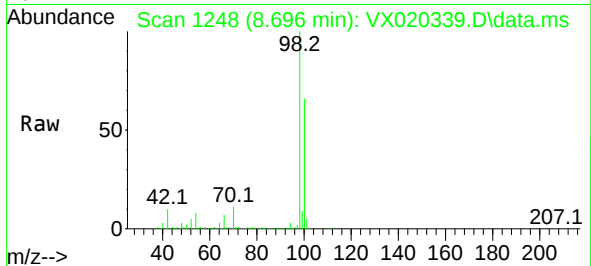




#50
Toluene-d8
Concen: 50.44 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

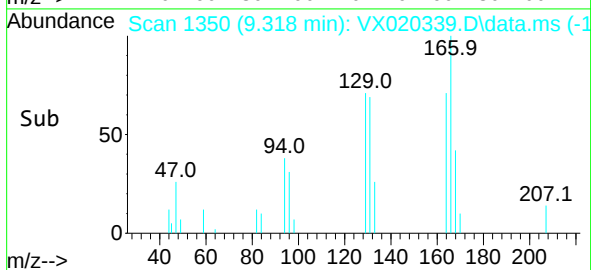
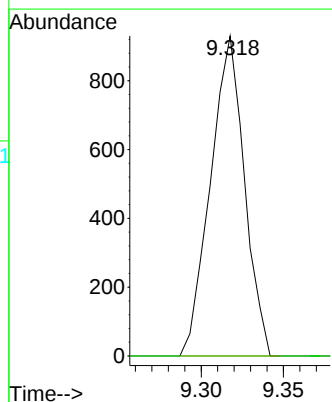
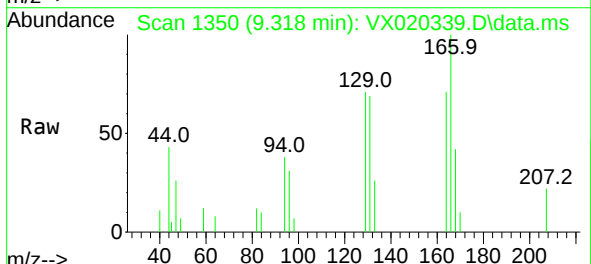
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211

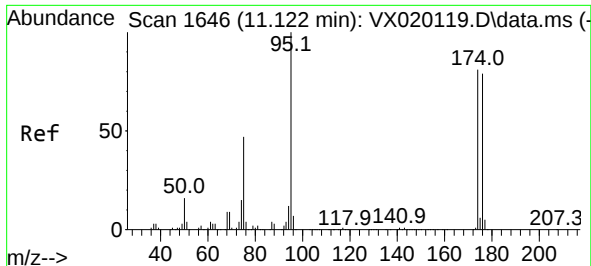
Tgt Ion: 98 Resp: 538535
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#60
Dibromochloromethane
Concen: 0.40 ug/l
RT: 9.318 min Scan# 1350
Delta R.T. -0.243 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Tgt Ion: 129 Resp: 1335
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

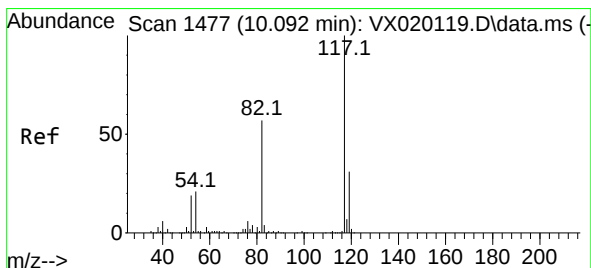
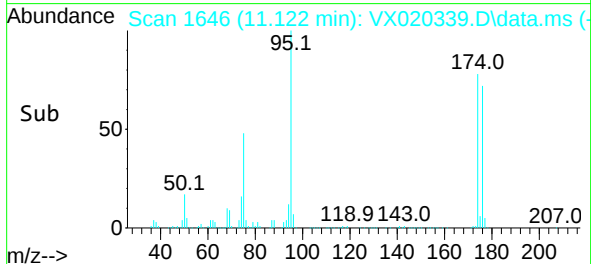
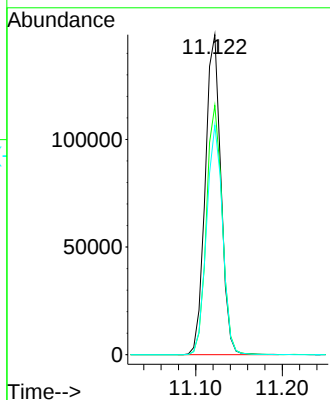
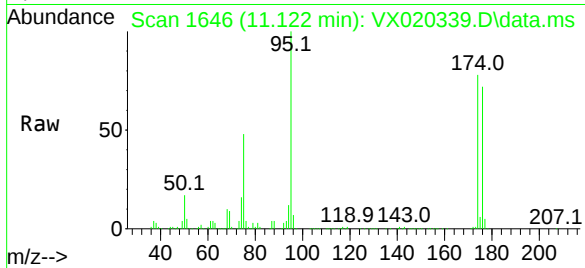




#62
4-Bromofluorobenzene
Concen: 45.60 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

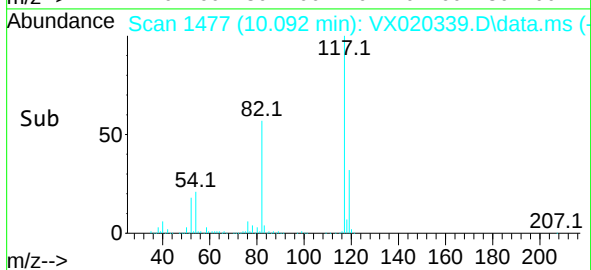
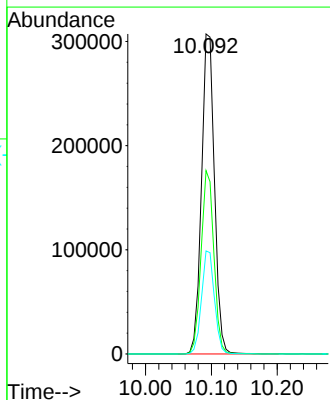
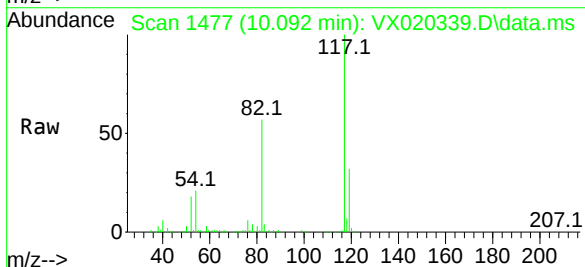
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211

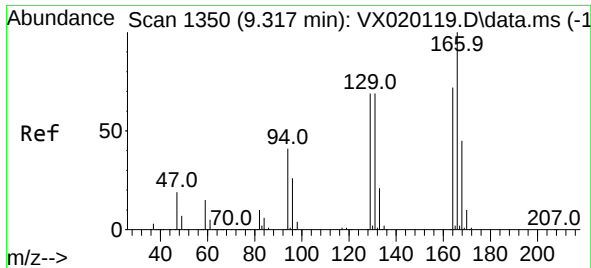
Tgt Ion: 95 Resp: 186338
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 73.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

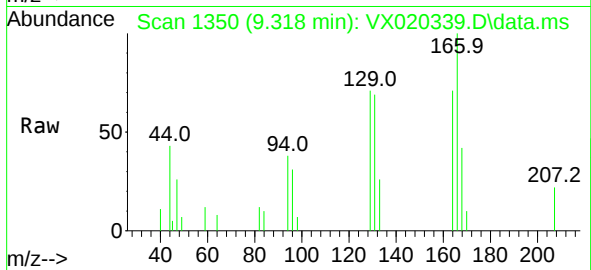
Tgt Ion: 117 Resp: 419814
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.2 26.6 39.8





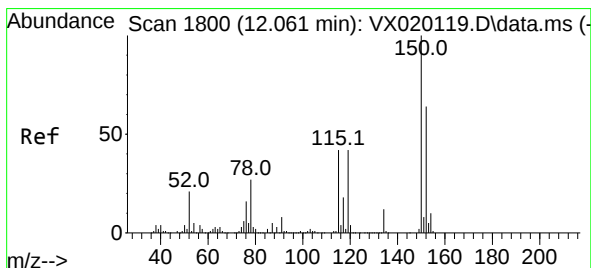
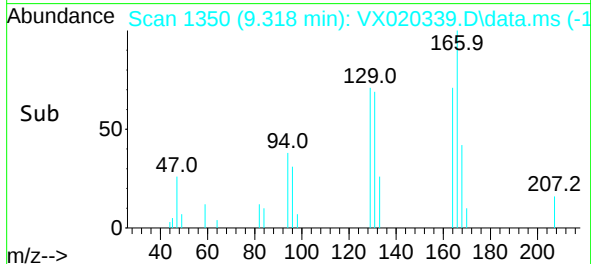
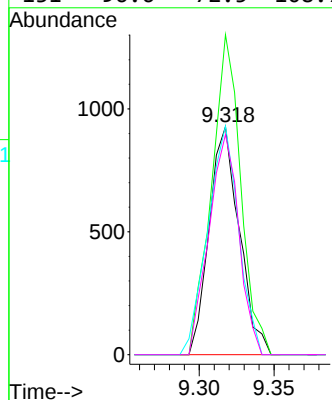
#64
Tetrachloroethene
Concen: 0.41 ug/l
RT: 9.318 min Scan# 1350
Delta R.T. 0.001 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211



Tgt Ion:164 Resp: 1297

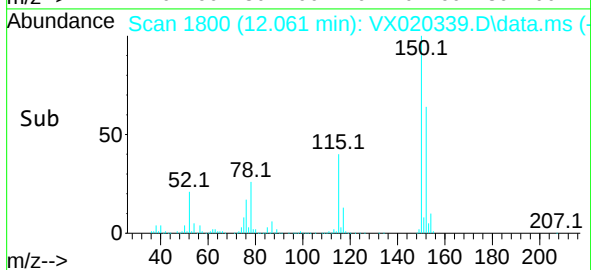
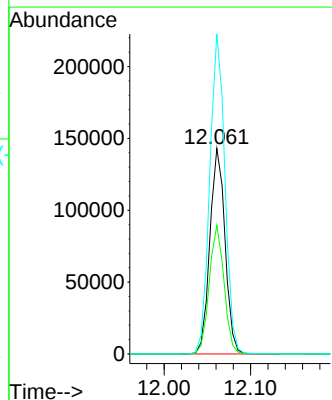
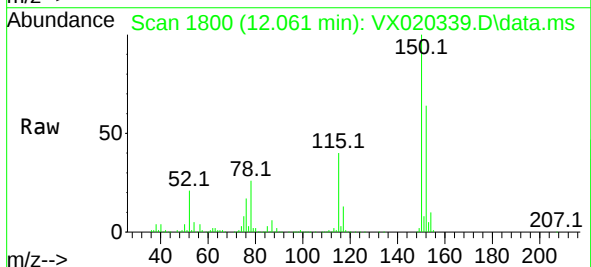
Ion	Ratio	Lower	Upper
164	100		
166	140.3	103.4	155.2
129	100.2	70.8	106.2
131	96.6	72.5	108.7

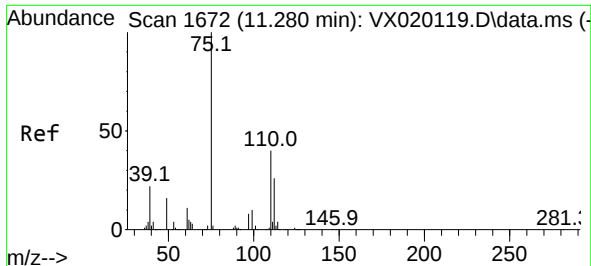


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Tgt Ion:152 Resp: 173896

Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.1	123.3
150	155.4	0.0	349.0

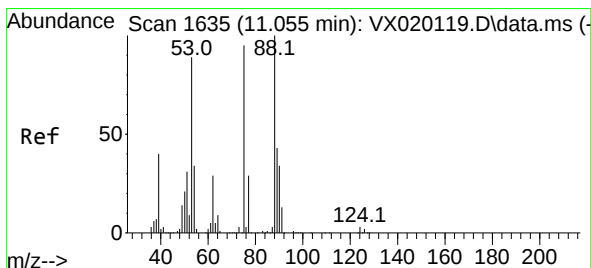
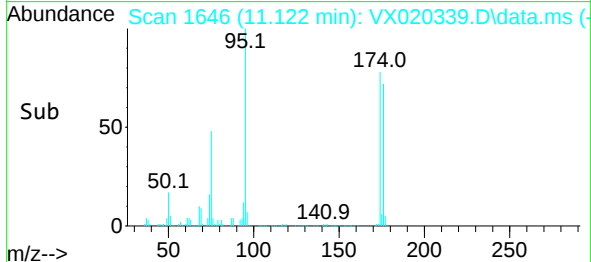
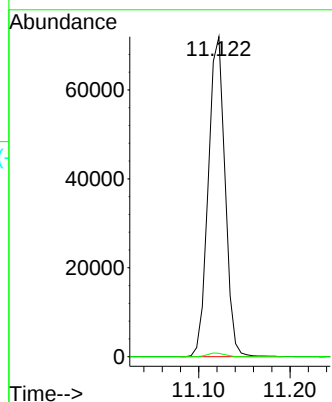
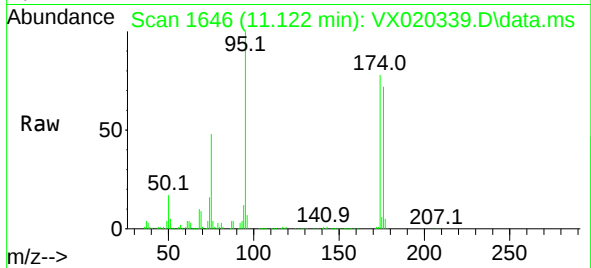




#76
1,2,3-Trichloropropane
Concen: 21.39 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20201211

Tgt Ion: 75 Resp: 91622
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.46 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020339.D
Acq: 23 Dec 2020 15:31

Tgt Ion: 75 Resp: 91622
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

