

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012221\
 Data File : VX020712.D
 Acq On : 22 Jan 2021 16:07
 Operator : JC/SP
 Sample : M1198-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20210120

Quant Time: Jan 23 01:43:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

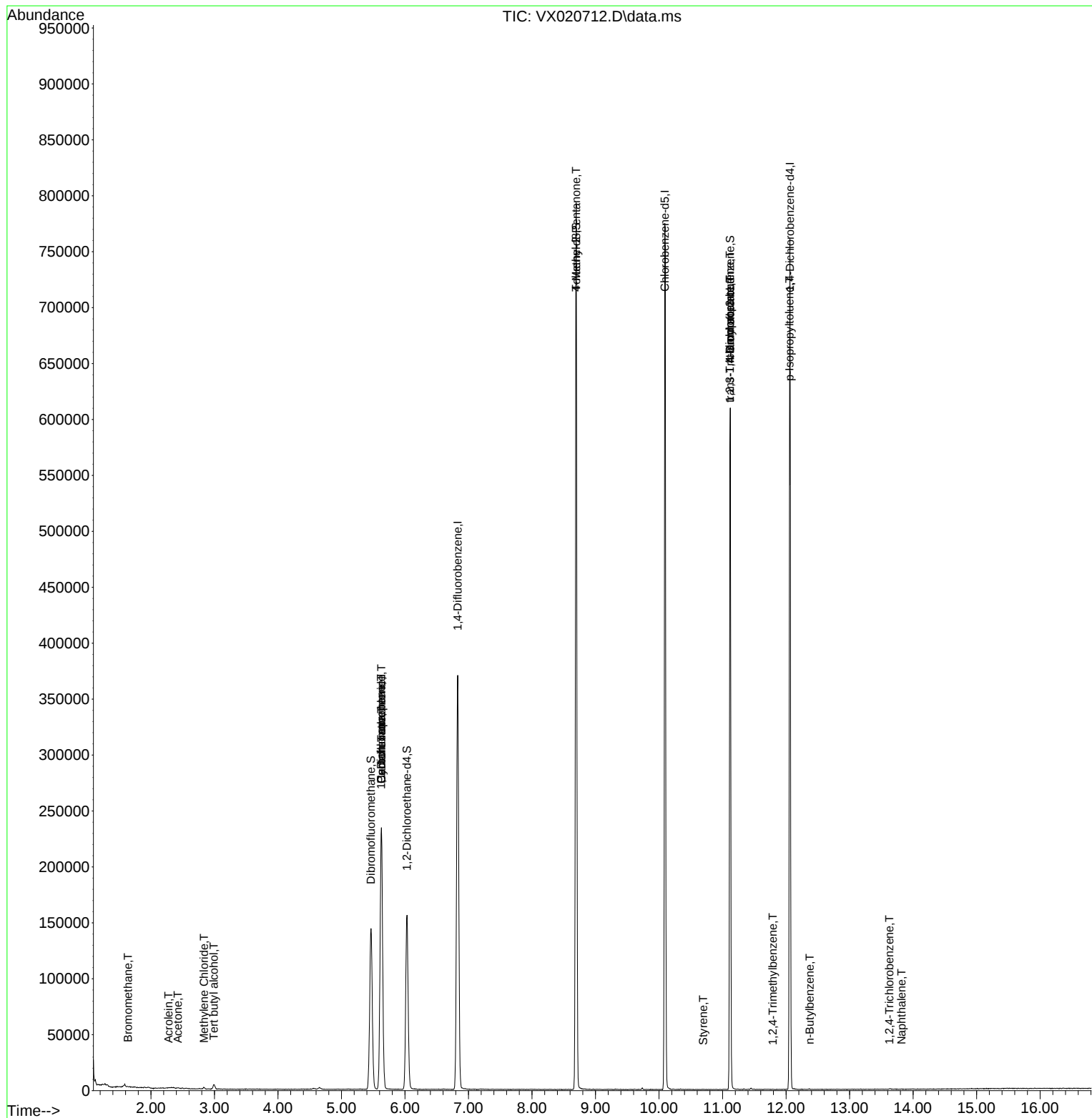
Internal Standards						
1) Pentafluorobenzene	5.629	168	221076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	377284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	365992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	151940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	153065	50.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.28%
35) Dibromofluoromethane	5.464	113	127727	49.14	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.28%
50) Toluene-d8	8.696	98	470937	50.24	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.48%
62) 4-Bromofluorobenzene	11.122	95	171799	48.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.98%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	296	0.20	ug/l	80
6) Chloroethane	1.819	64	66	Below Cal	#	43
11) Tert butyl alcohol	2.989	59	2441	4.55	ug/l #	73
13) Acrolein	2.276	56	19	30.36	ug/l #	1
16) Acetone	2.422	43	807	0.69	ug/l	93
20) Methylene Chloride	2.837	84	676	0.24	ug/l #	76
31) Cyclohexane	5.629	56	4182	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	16699	4.39	ug/l #	49
38) Carbon Tetrachloride	5.629	117	22040	5.43	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	1940	0.57	ug/l #	1
70) Styrene	10.695	104	73	1.43	ug/l #	26
74) N-amyl acetate	11.122	43	25	1.94	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	82211	22.55	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	82211	65.22	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.793	105	100	0.41	ug/l	70
86) p-Isopropyltoluene	12.055	119	249	0.90	ug/l #	1
89) n-Butylbenzene	12.372	91	170	1.45	ug/l #	88
93) 1,2,4-Trichlorobenzene	13.628	180	138	2.28	ug/l #	41
95) Naphthalene	13.817	128	261	1.97	ug/l #	69

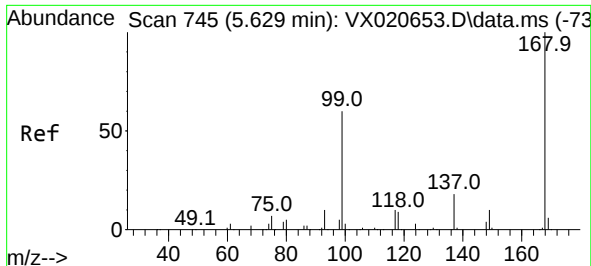
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 14:09:08 2021
Response via : Initial Calibration

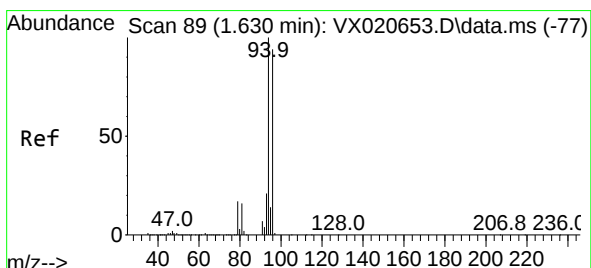
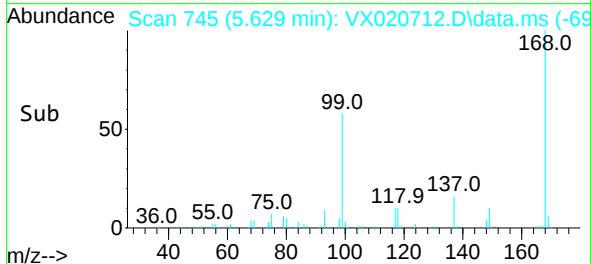
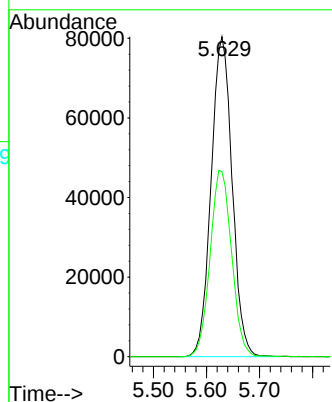
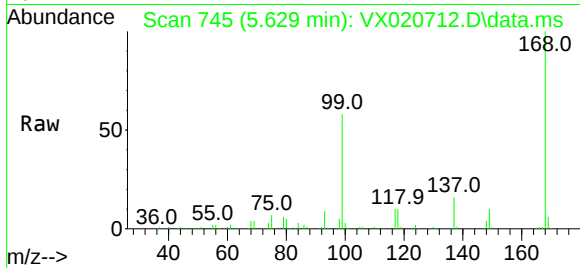




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

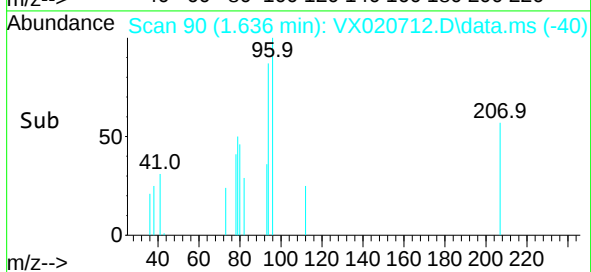
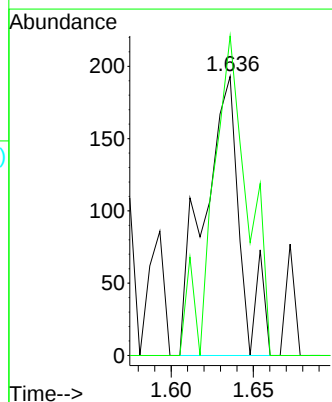
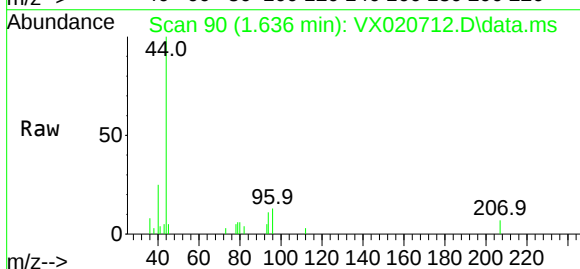
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210120

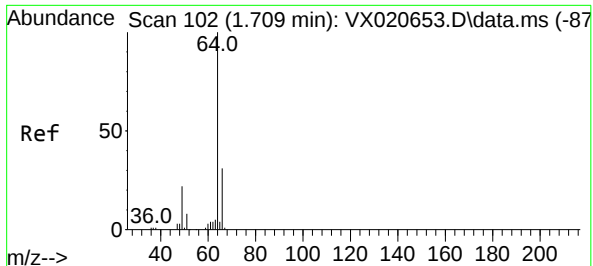
Tgt Ion:168 Resp: 221076
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

Tgt Ion: 94 Resp: 296
Ion Ratio Lower Upper
94 100
96 114.5 76.4 114.6

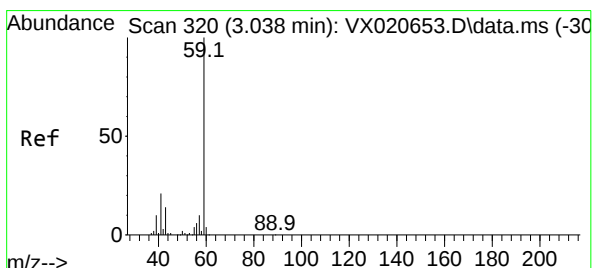
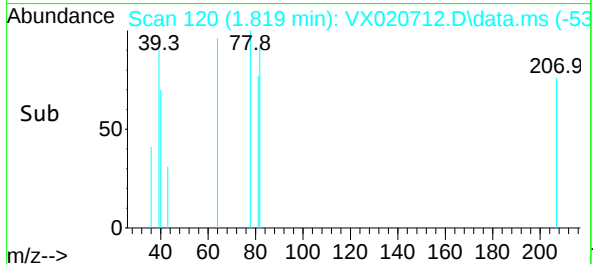
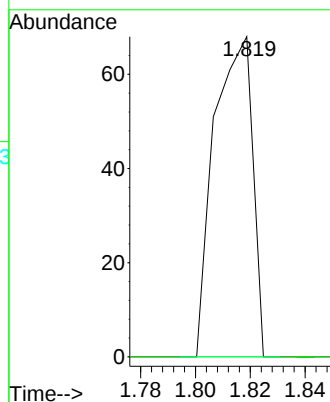
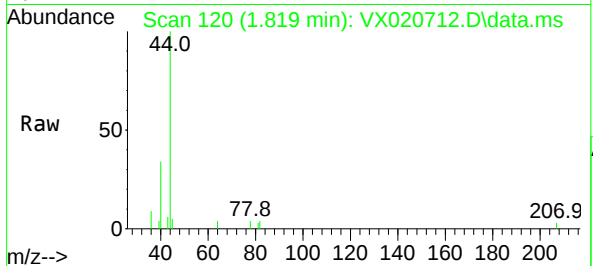




#6
Chloroethane
Concen: Below Cal
RT: 1.819 min Scan# 120
Delta R.T. 0.110 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

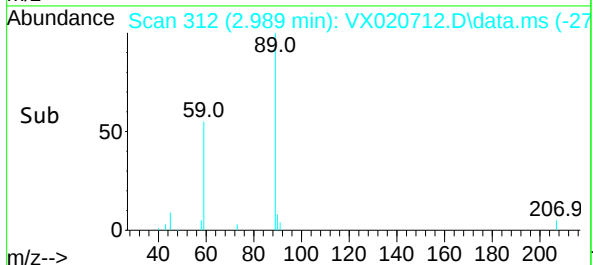
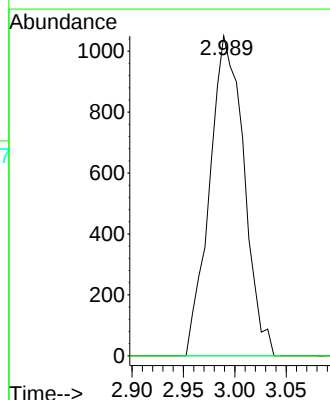
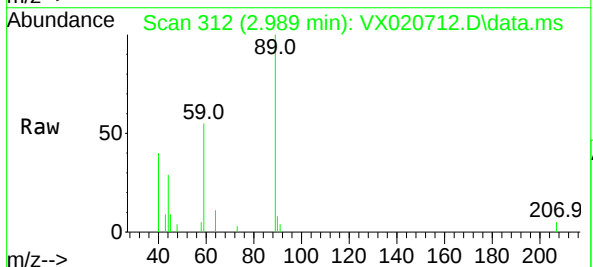
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210120

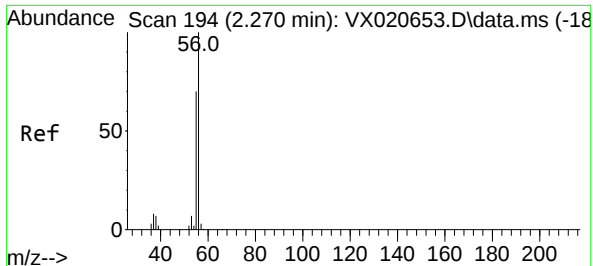
Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 4.55 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

Tgt Ion: 59 Resp: 2441
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

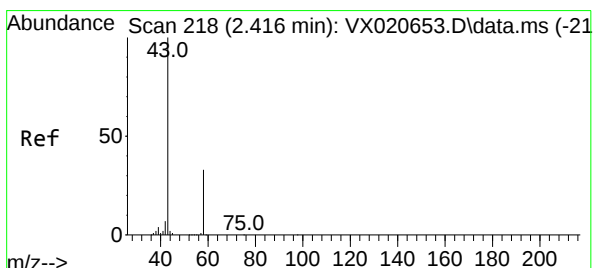
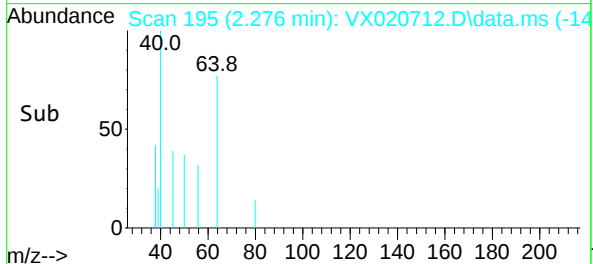
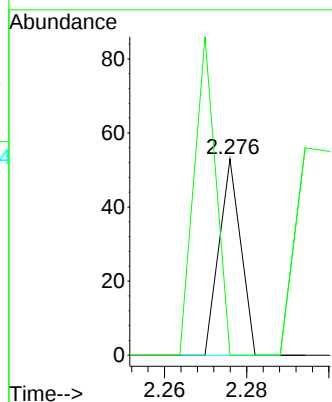
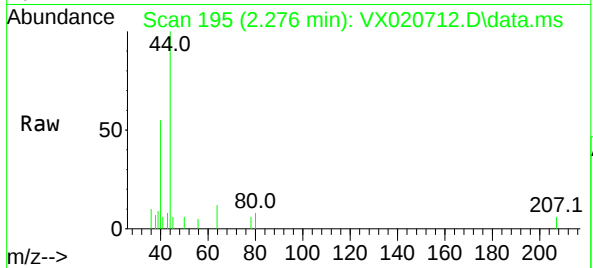




#13
Acrolein
Concen: 30.36 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

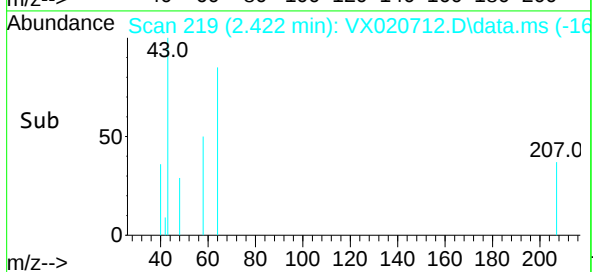
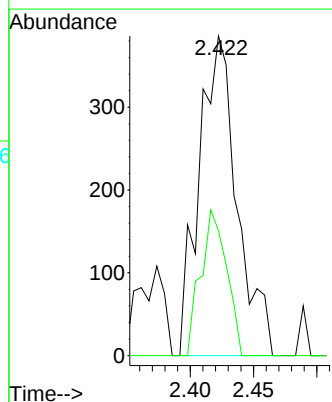
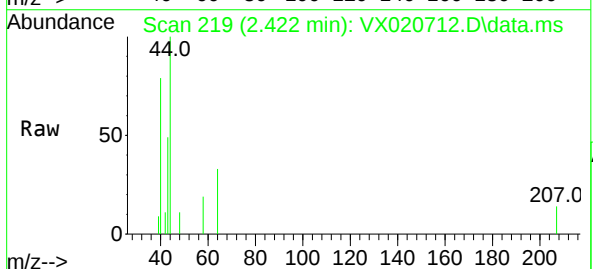
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210120

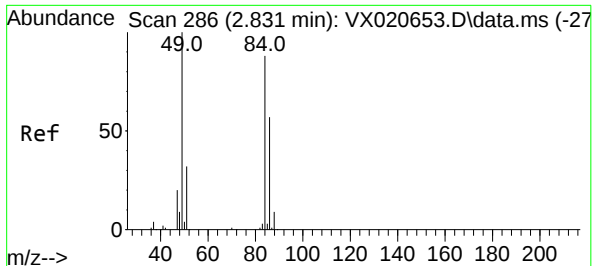
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 163.2 56.4 84.6#



#16
Acetone
Concen: 0.69 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

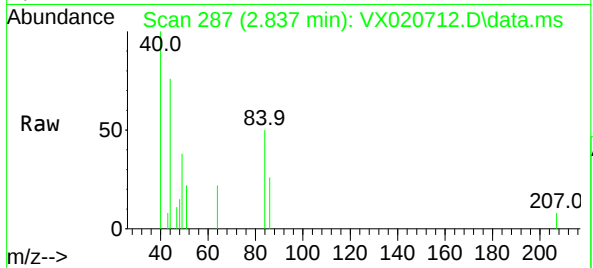
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 39.1 27.8 41.8



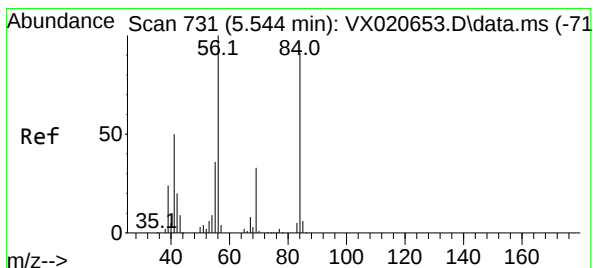
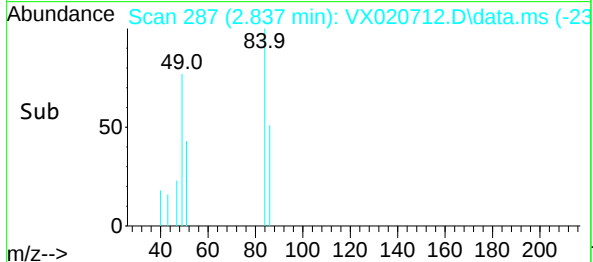
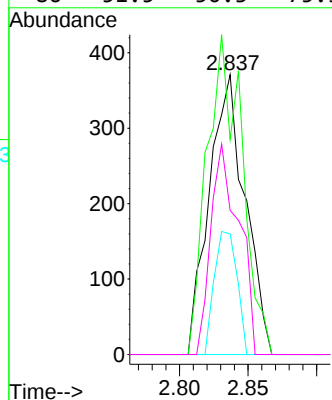


#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

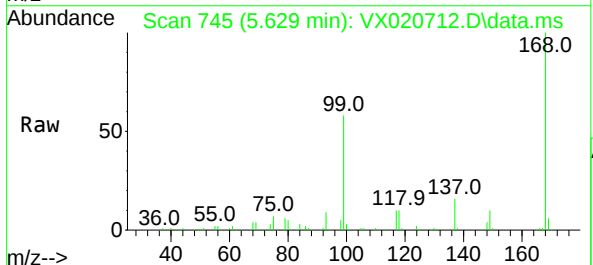
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210120



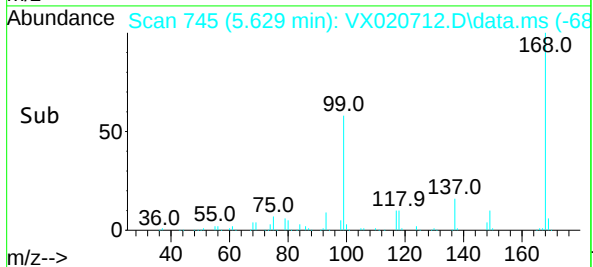
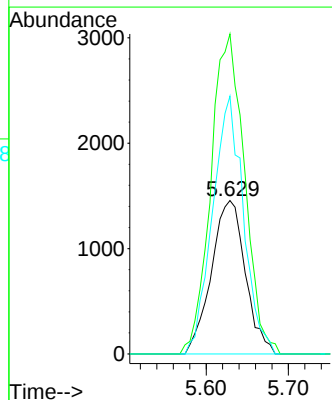
Tgt Ion: 84	Resp: 676
Ion Ratio	Lower Upper
84 100	
49 76.8	88.6 132.8#
51 43.1	27.0 40.6#
86 51.5	50.3 75.5

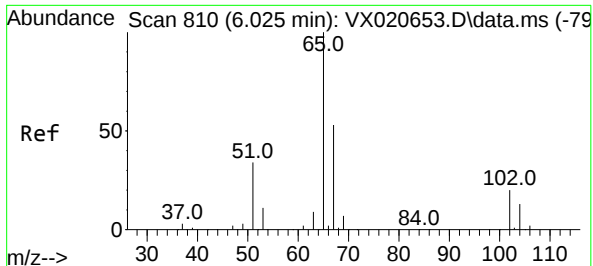


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.085 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07



Tgt Ion: 56	Resp: 4182
Ion Ratio	Lower Upper
56 100	
69 208.4	25.3 37.9#
84 167.9	71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.64 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

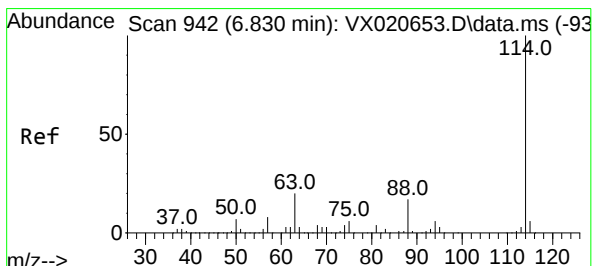
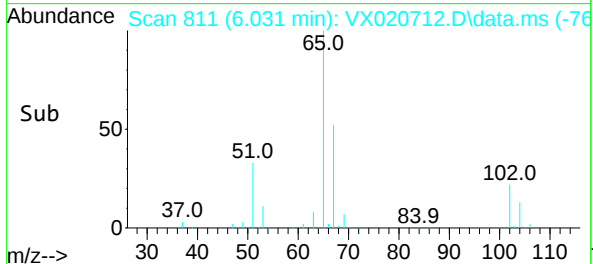
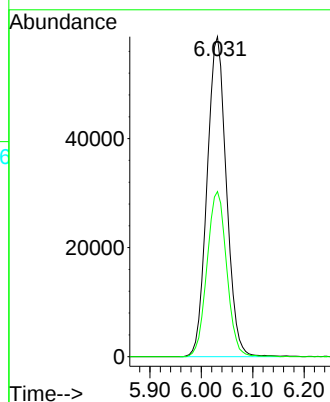
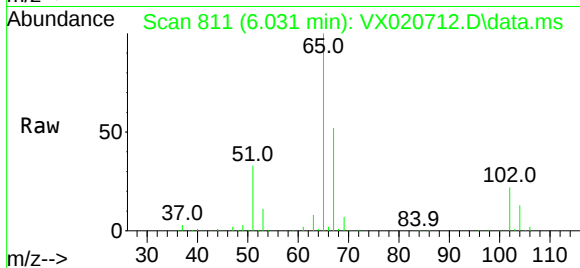
Lab File: VX020712.D

Acq: 22 Jan 2021 16:07

Tgt Ion: 65 Resp: 153065

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

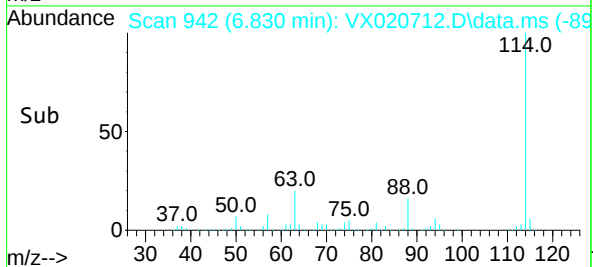
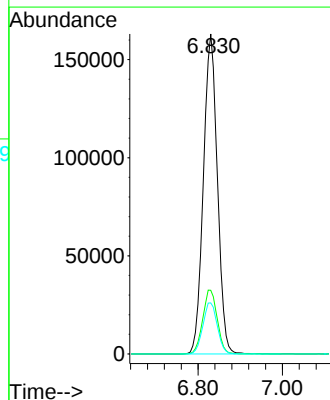
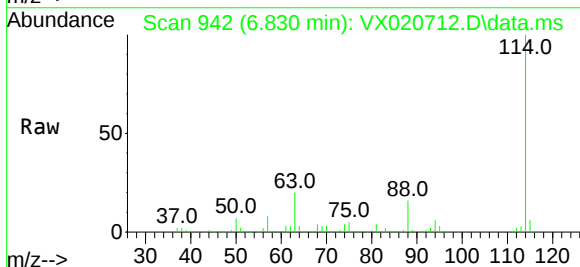
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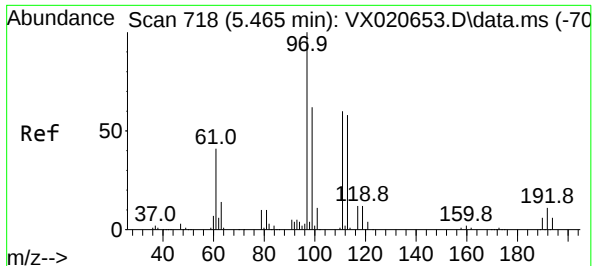
Acq: 22 Jan 2021 16:07

Tgt Ion: 114 Resp: 377284

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	15.9	0.0	32.8

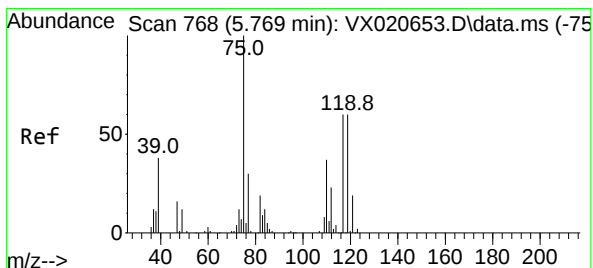
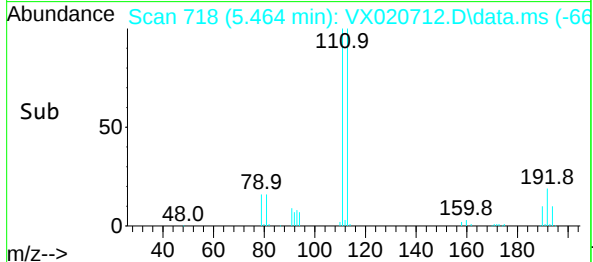
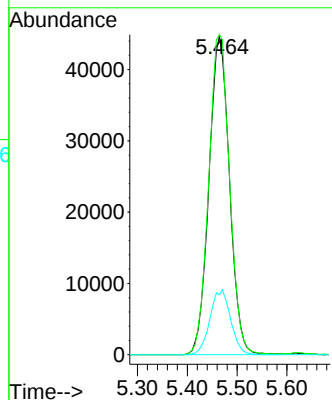
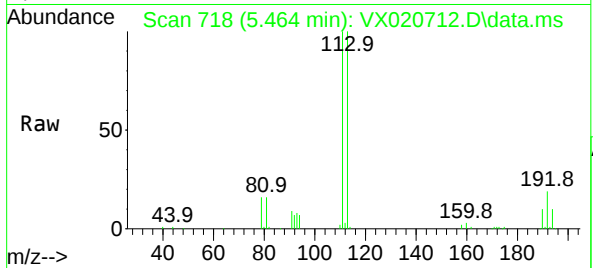




#35
Dibromofluoromethane
Concen: 49.14 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

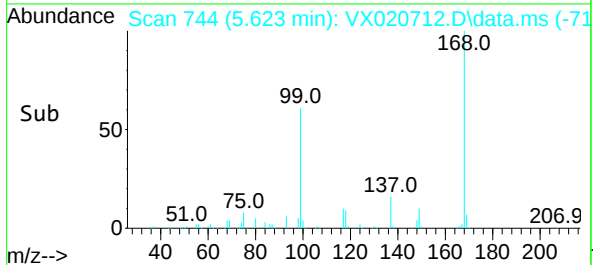
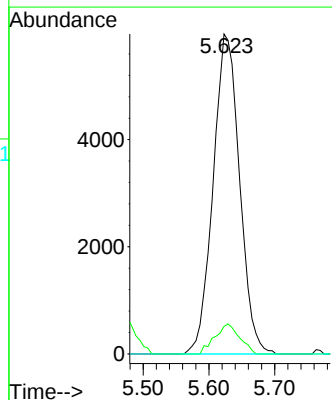
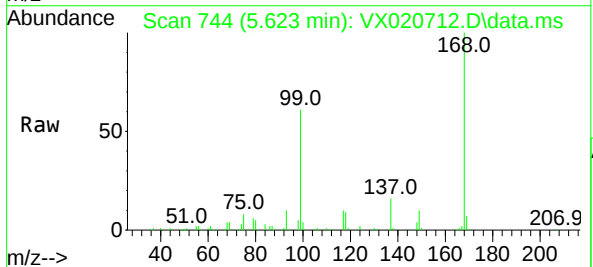
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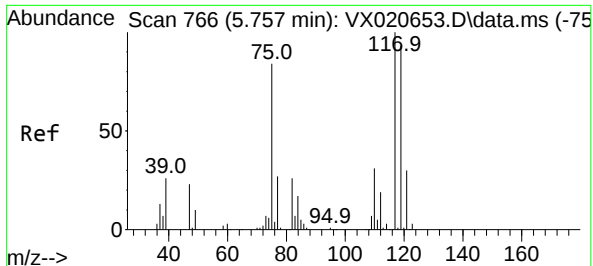
Tgt Ion:113 Resp: 127727
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

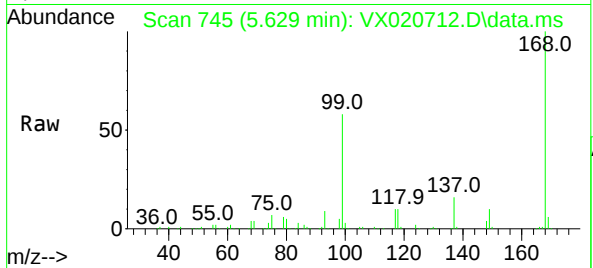
Tgt Ion: 75 Resp: 16699
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



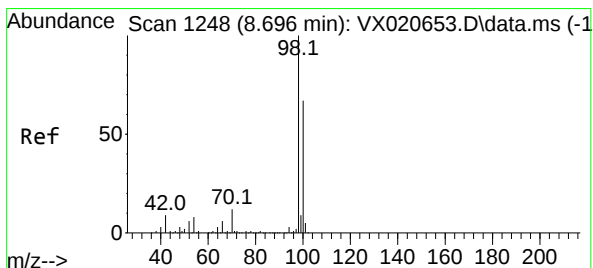
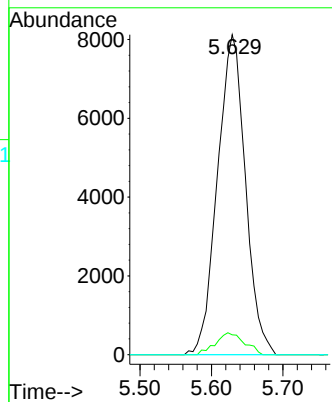
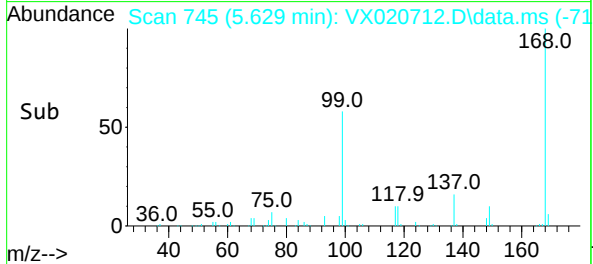


#38
Carbon Tetrachloride
Concen: 5.43 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.128 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

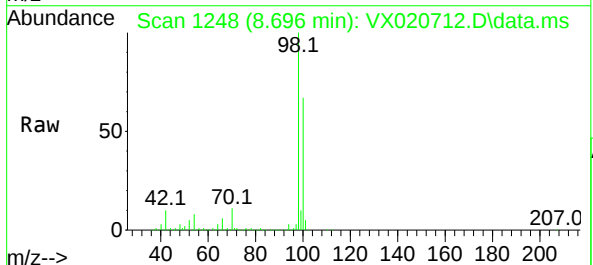
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210120



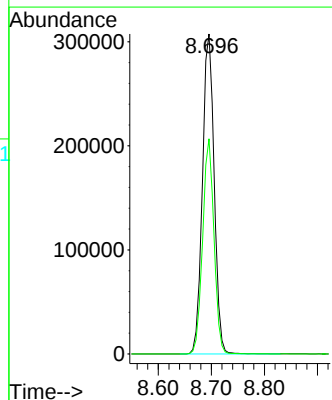
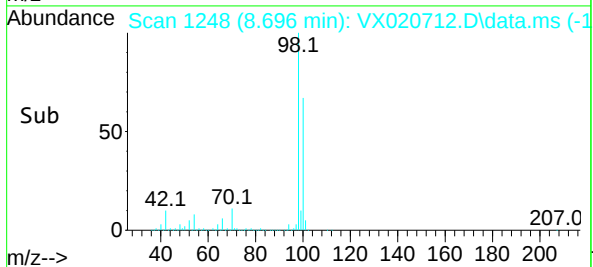
Tgt Ion:117 Resp: 22040
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

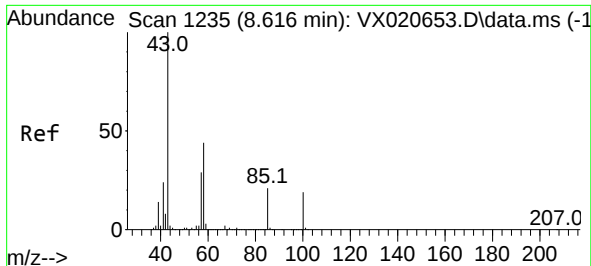


#50
Toluene-d8
Concen: 50.24 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07



Tgt Ion: 98 Resp: 470937
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

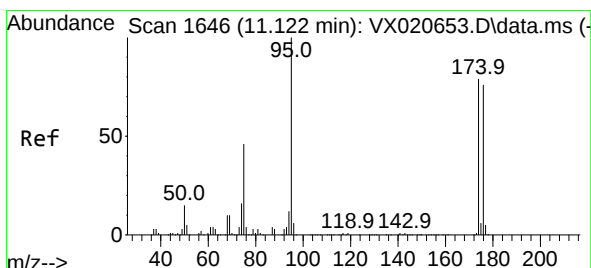
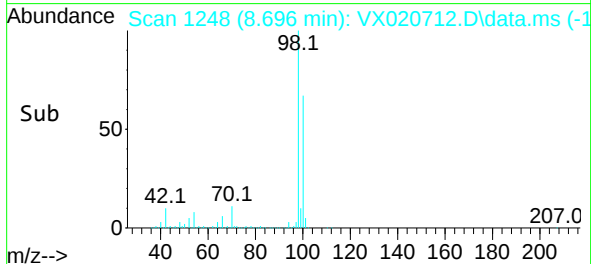
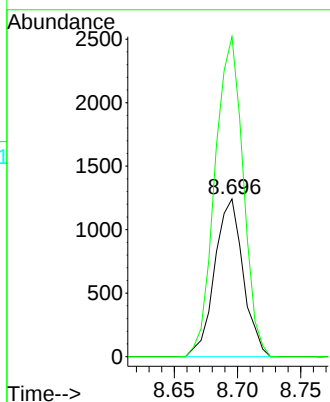
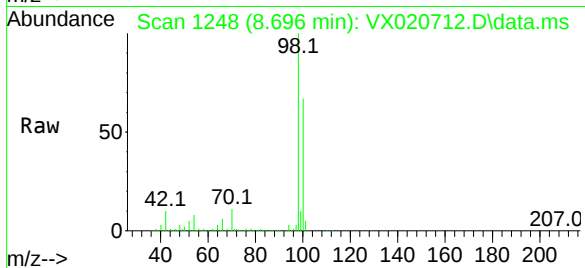




#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

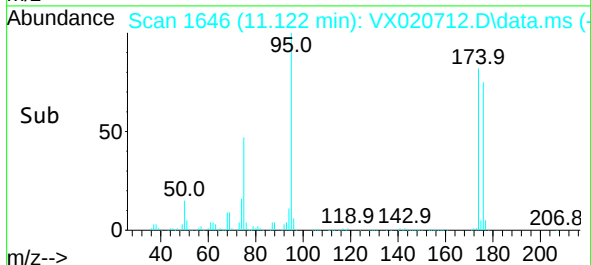
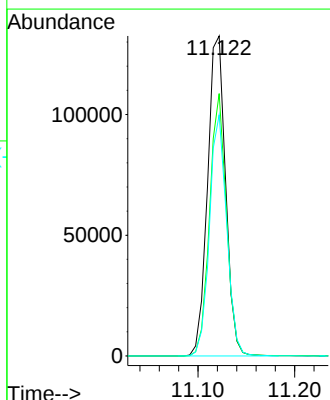
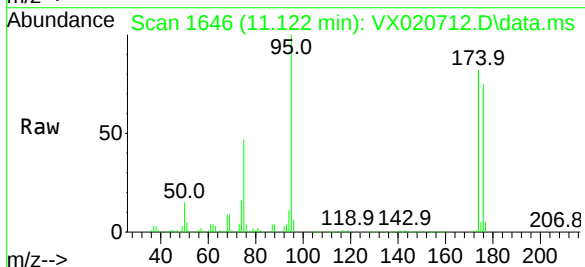
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210120

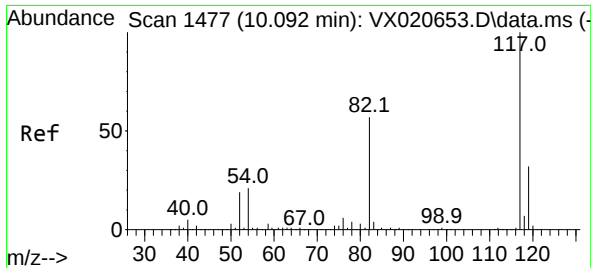
Tgt Ion: 43 Resp: 1940
Ion Ratio Lower Upper
43 100
58 201.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.49 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

Tgt Ion: 95 Resp: 171799
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 71.8 0.0 155.8

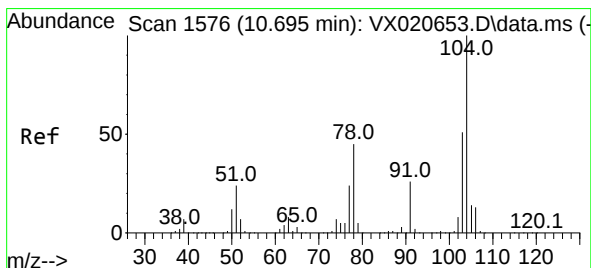
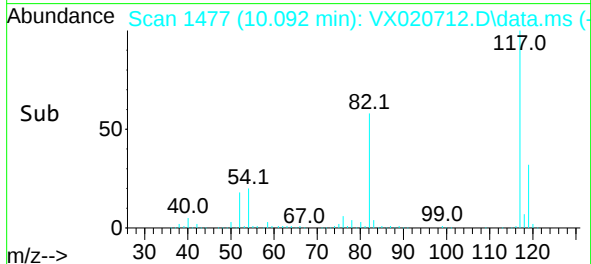
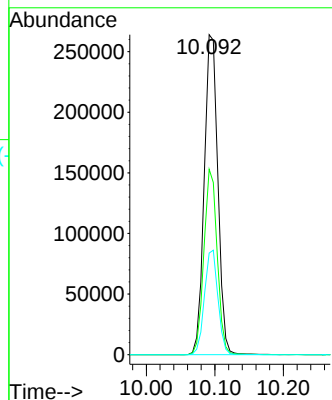
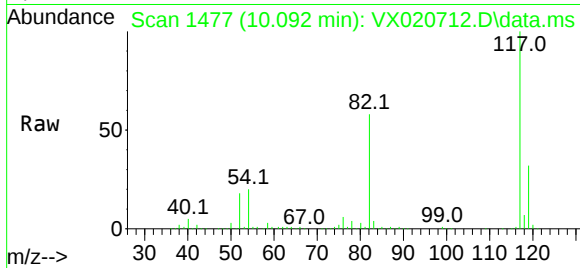




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

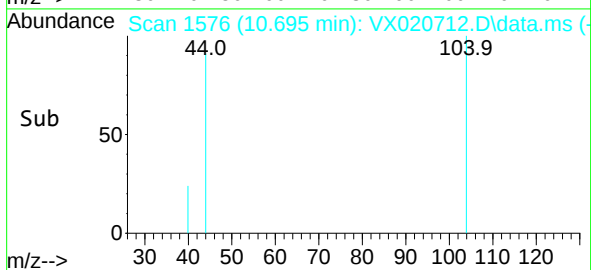
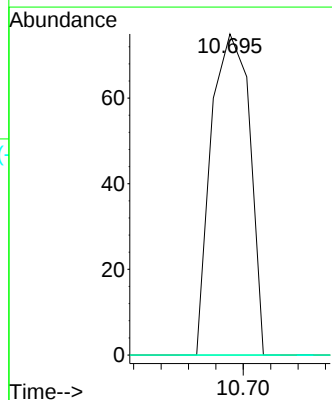
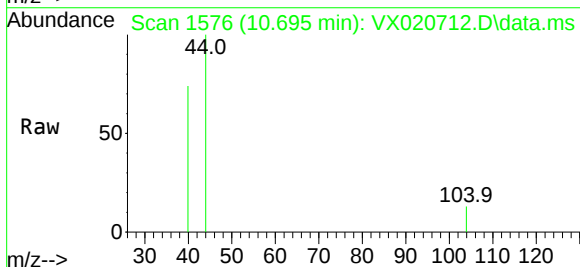
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210120

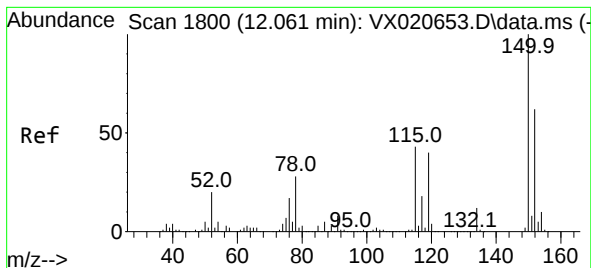
Tgt Ion:117 Resp: 365992
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.8 26.6 39.8



#70
Styrene
Concen: 1.43 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

Tgt Ion:104 Resp: 73
Ion Ratio Lower Upper
104 100
78 0.0 40.0 60.0#
103 0.0 43.4 65.0#

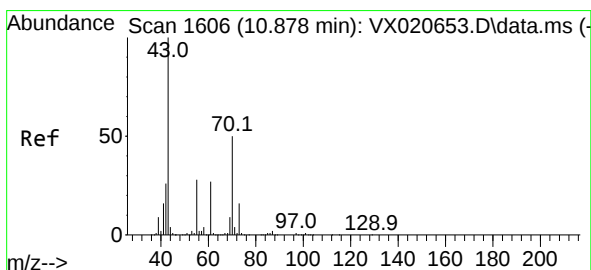
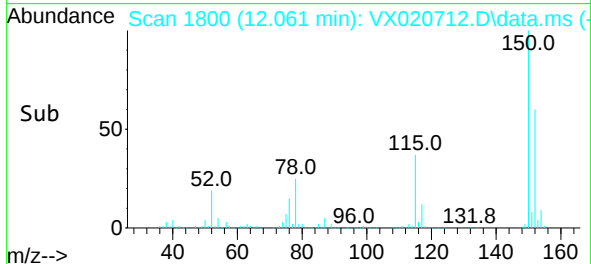
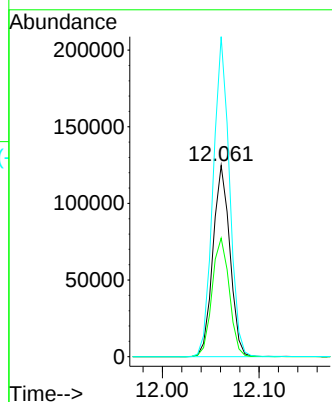
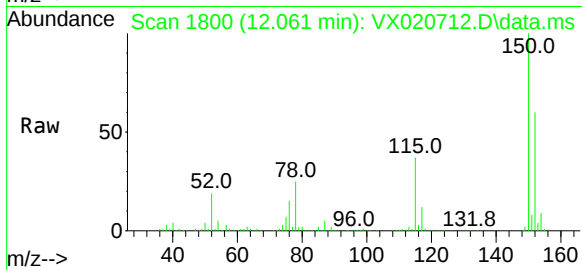




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

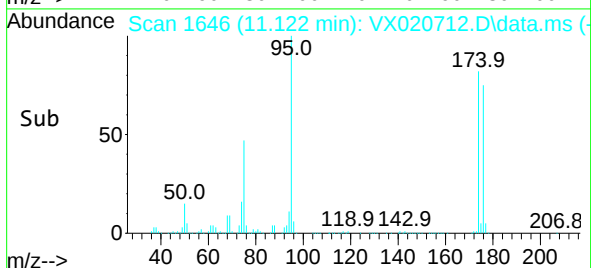
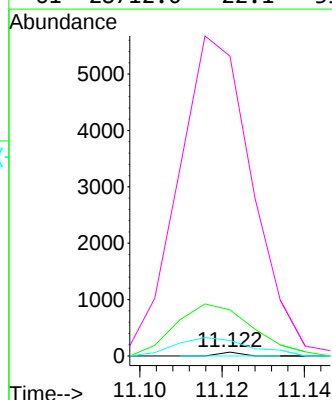
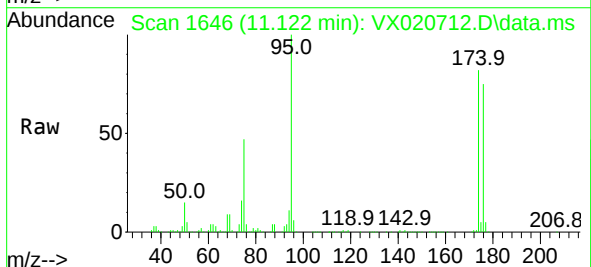
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210120

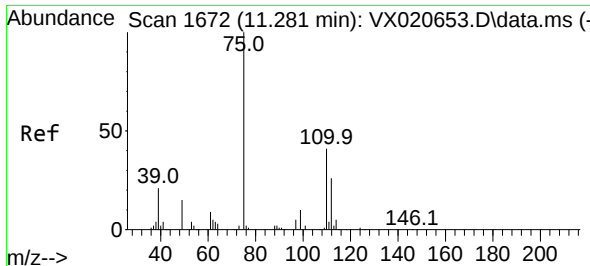
Tgt Ion:152 Resp: 151940
Ion Ratio Lower Upper
152 100
115 62.9 41.1 123.3
150 161.5 0.0 349.0



#74
N-ethyl acetate
Concen: 1.94 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.244 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
70 4860.0 39.0 58.6#
55 1652.0 21.5 32.3#
61 28712.0 22.1 33.1#

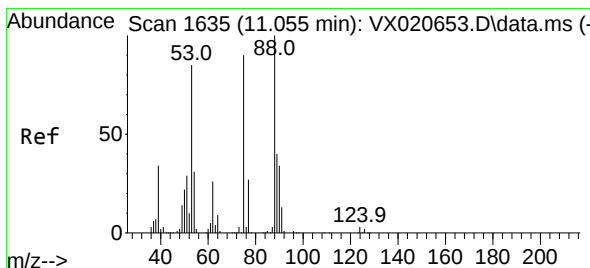
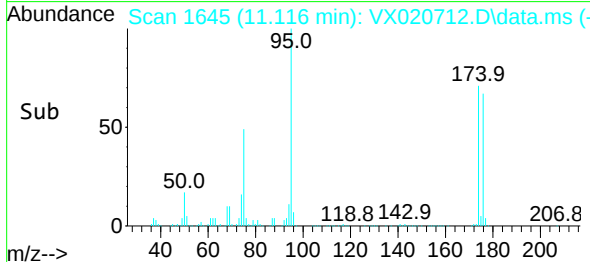
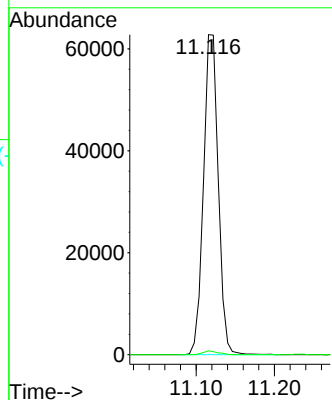
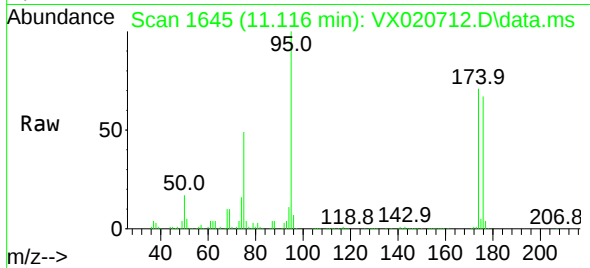




#76
1,2,3-Trichloropropane
Concen: 22.55 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

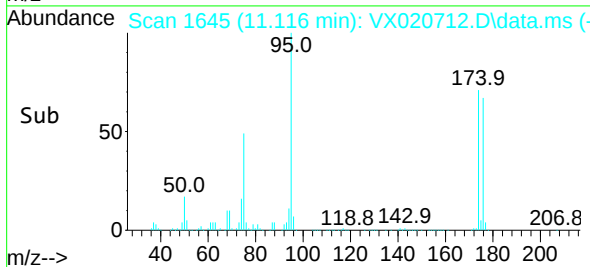
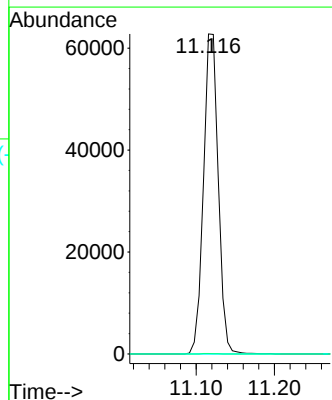
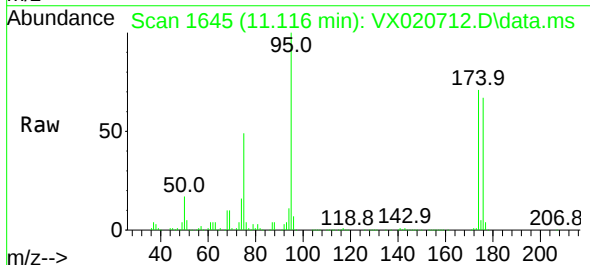
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210120

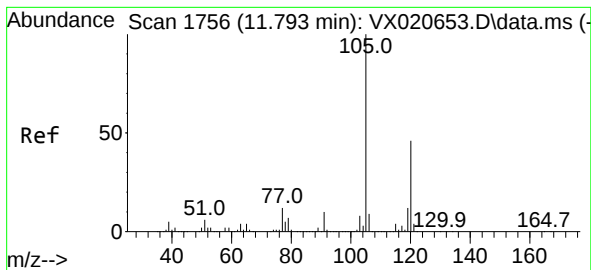
Tgt Ion: 75 Resp: 82211
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.22 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

Tgt Ion: 75 Resp: 82211
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

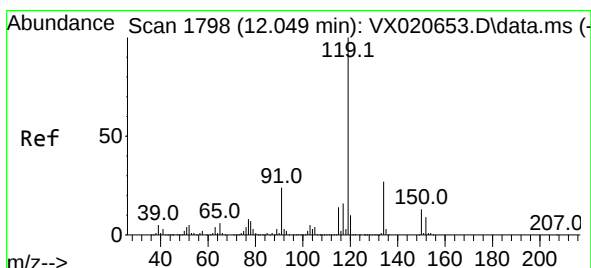
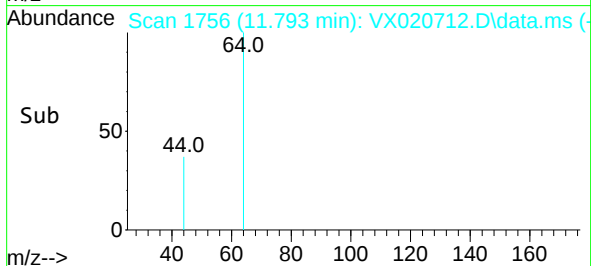
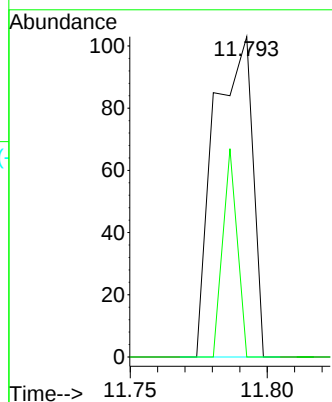
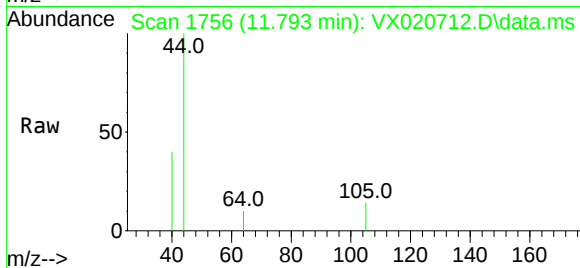




#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

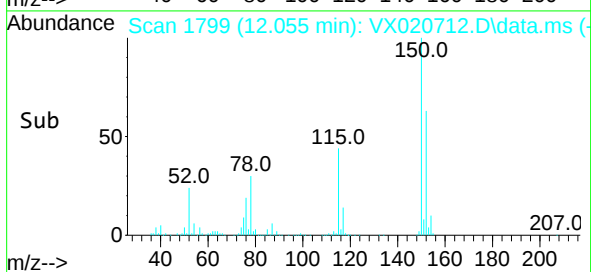
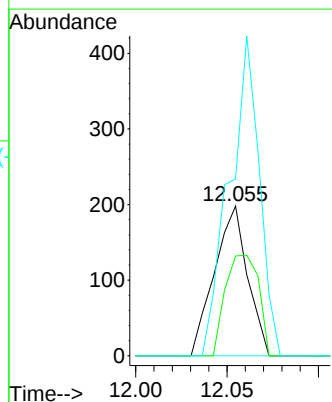
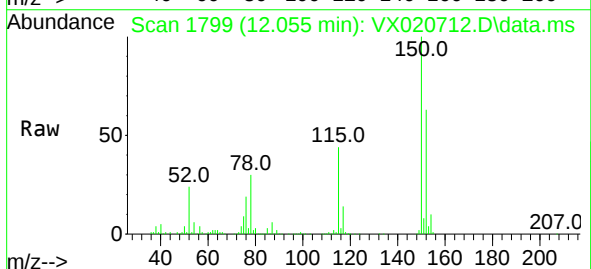
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210120

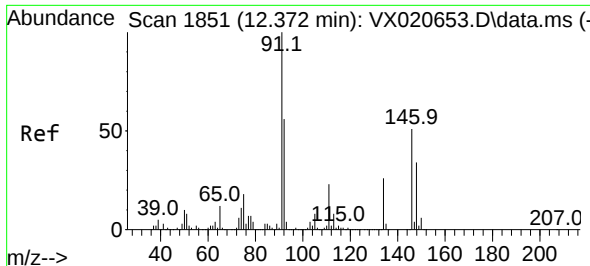
Tgt Ion:105 Resp: 100
Ion Ratio Lower Upper
105 100
120 25.0 22.4 67.3



#86
p-Isopropyltoluene
Concen: 0.90 ug/l
RT: 12.055 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

Tgt Ion:119 Resp: 249
Ion Ratio Lower Upper
119 100
134 67.1 12.9 38.7#
91 193.6 11.7 35.0#

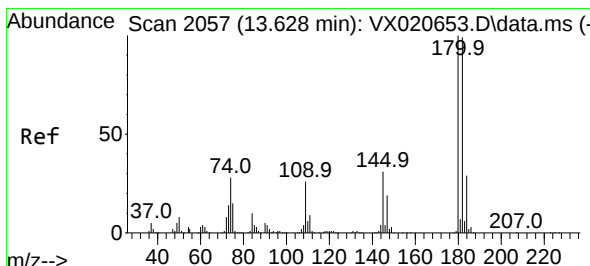
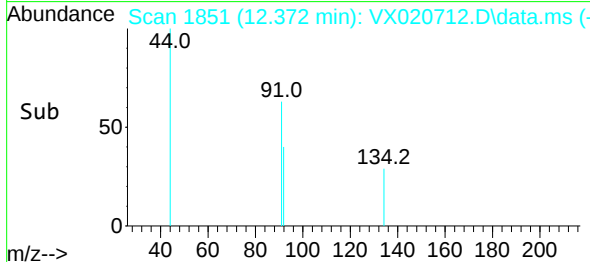
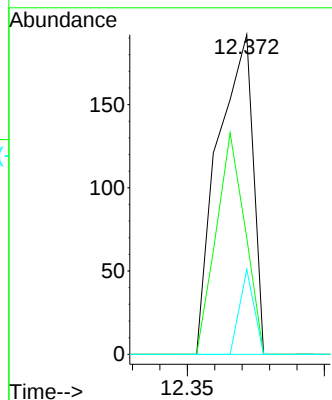
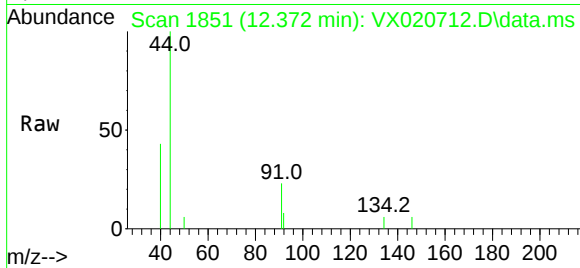




#89
n-Butylbenzene
Concen: 1.45 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

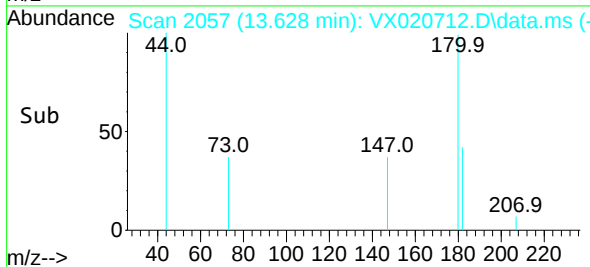
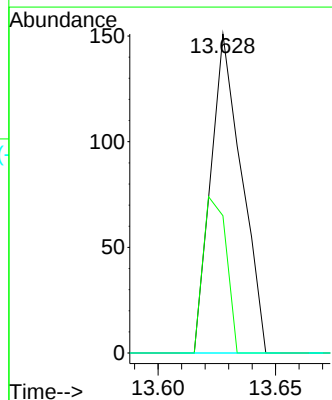
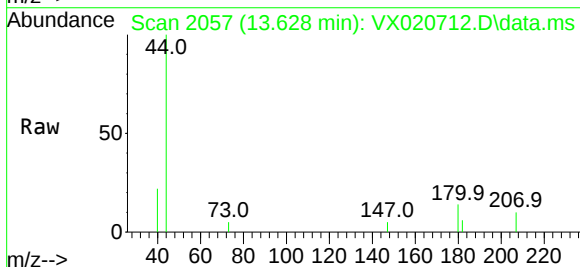
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210120

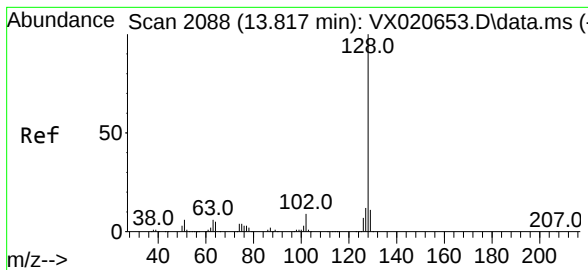
Tgt Ion: 91 Resp: 170
Ion Ratio Lower Upper
91 100
92 57.1 27.4 82.0
134 11.2 13.2 39.5#



#93
1,2,4-Trichlorobenzene
Concen: 2.28 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

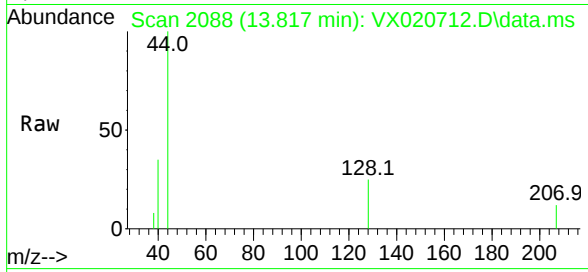
Tgt Ion:180 Resp: 138
Ion Ratio Lower Upper
180 100
182 37.0 47.7 143.1#
145 0.0 15.0 45.0#





#95
Naphthalene
Concen: 1.97 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020712.D
Acq: 22 Jan 2021 16:07

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210120



Tgt Ion:	128	Resp:	261
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

