

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020258.D
 Acq On : 21 Dec 2020 18:23
 Operator : JC/MD
 Sample : L5053-20 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20201210

Quant Time: Dec 22 01:35:53 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)

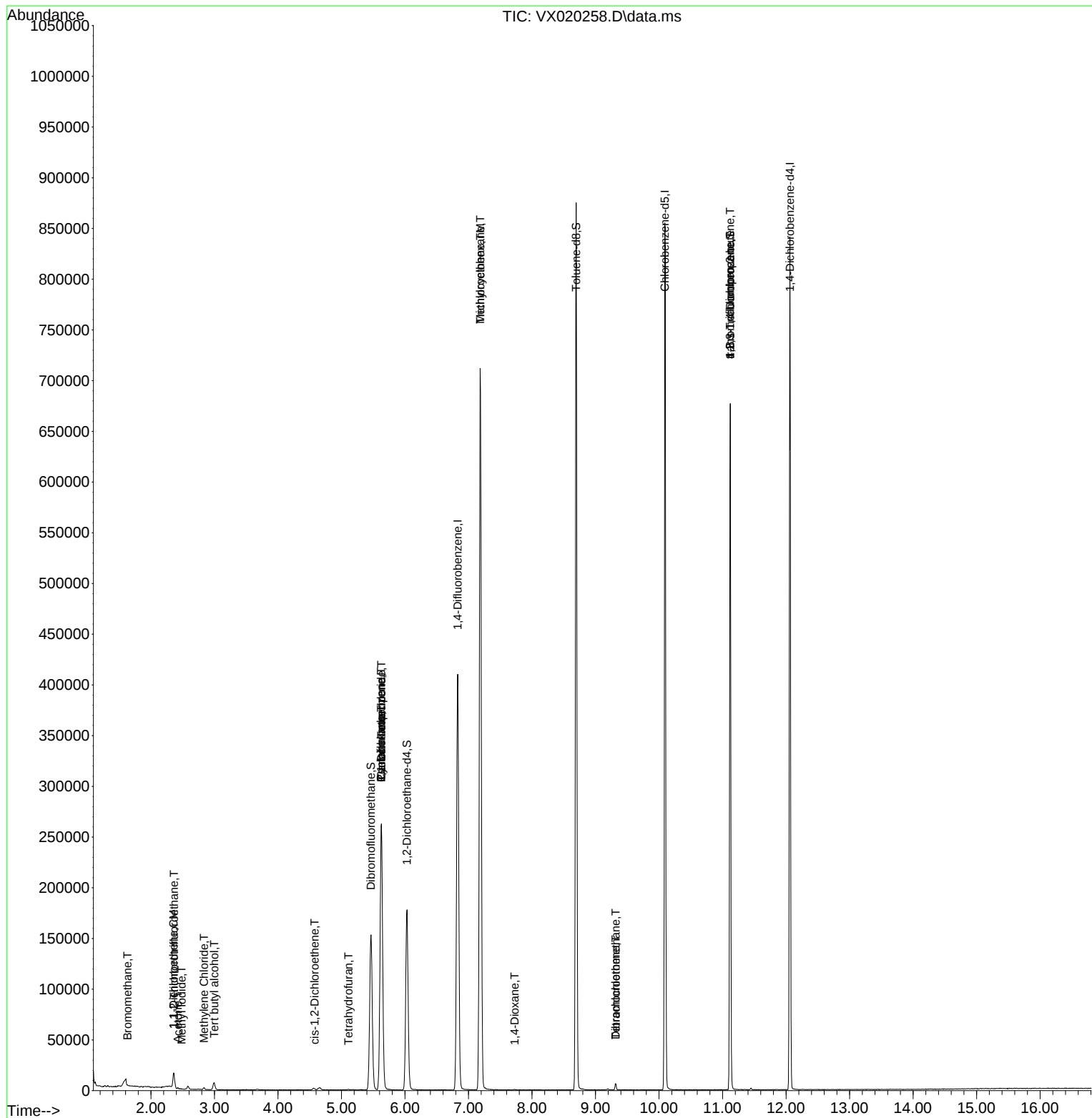
Internal Standards						
1) Pentafluorobenzene	5.623	168	251940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	421639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	396747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	168100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	170181	50.39	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.78%	
35) Dibromofluoromethane	5.464	113	135450	50.22	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.44%	
50) Toluene-d8	8.695	98	515110	49.61	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.22%	
62) 4-Bromofluorobenzene	11.122	95	182334	45.89	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.78%	
Target Compounds						
5) Bromomethane	1.630	94	279	0.25	ug/l	Qvalue 91
9) 1,1,2-Trichlorotrifluo...	2.361	101	3402	1.35	ug/l	99
10) Methyl Iodide	2.483	142	22	3.29	ug/l #	42
11) Tert butyl alcohol	2.995	59	4044	5.35	ug/l #	73
12) 1,1-Dichloroethene	2.355	96	2599	1.01	ug/l	94
16) Acetone	2.422	43	964	0.63	ug/l	97
20) Methylene Chloride	2.837	84	813	0.23	ug/l	93
27) cis-1,2-Dichloroethene	4.574	96	1073	0.30	ug/l	92
29) Tetrahydrofuran	5.111	42	510	0.36	ug/l #	59
31) Cyclohexane	5.623	56	4908	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20185	4.84	ug/l #	48
38) Carbon Tetrachloride	5.629	117	25079	6.33	ug/l #	16
39) Methylcyclohexane	7.184	83	3341	0.69	ug/l #	1
44) Trichloroethene	7.184	130	275305	82.10	ug/l	98
49) 1,4-Dioxane	7.726	88	139	1.77	ug/l #	34
60) Dibromochloromethane	9.317	129	1135	0.35	ug/l #	11
64) Tetrachloroethene	9.317	164	1201	0.40	ug/l	93
76) 1,2,3-Trichloropropane	11.122	75	87228	21.07	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	87228	62.50	ug/l #	12

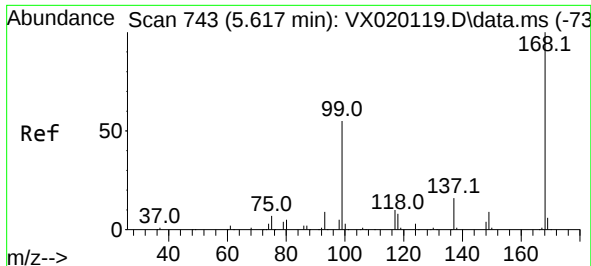
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L5053-20 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210

Quant Time: Dec 22 01:35:53 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

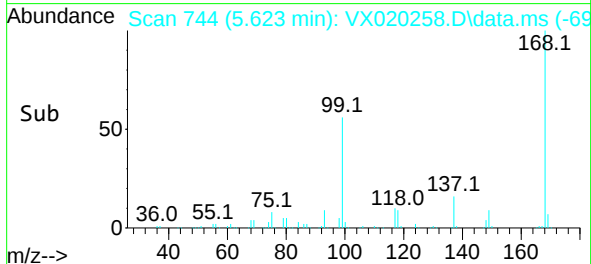
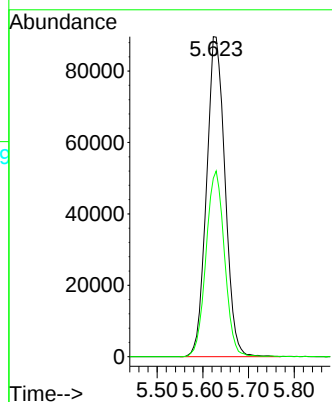
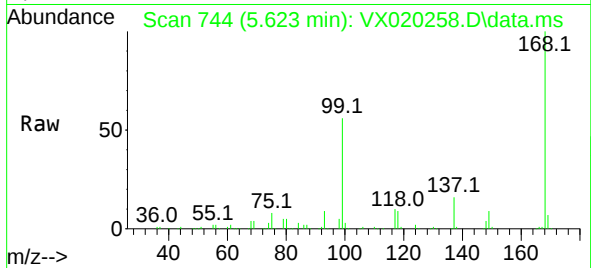




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

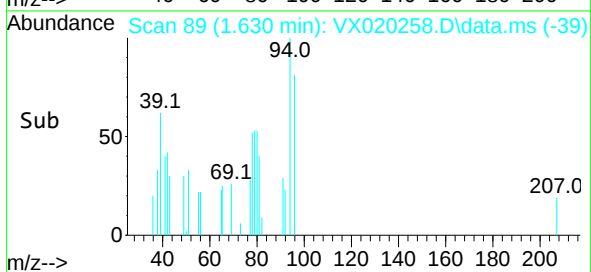
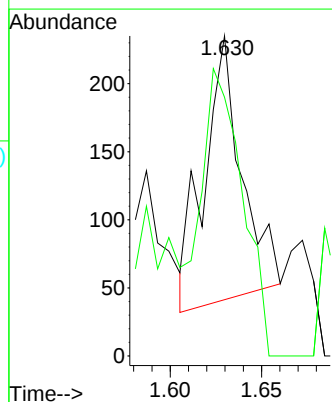
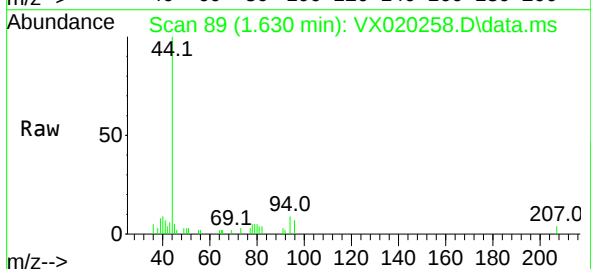
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210

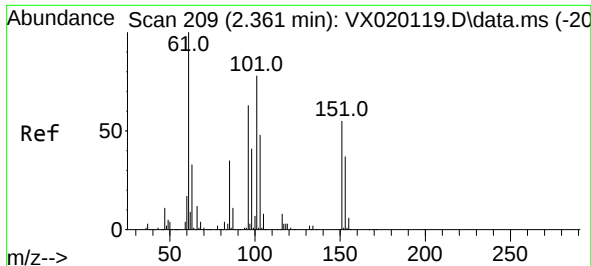
Tgt Ion:168 Resp: 251940
Ion Ratio Lower Upper
168 100
99 55.7 45.8 68.6



#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 104.4 76.4 114.6

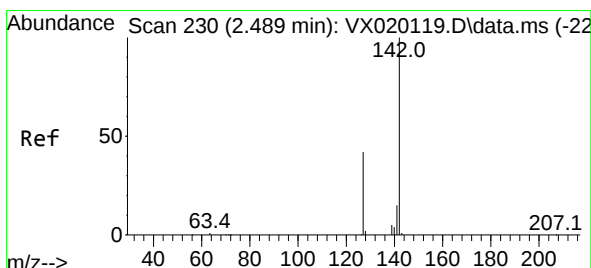
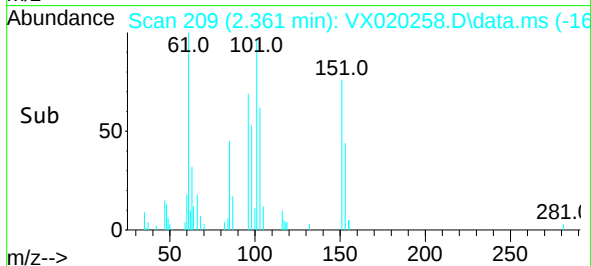
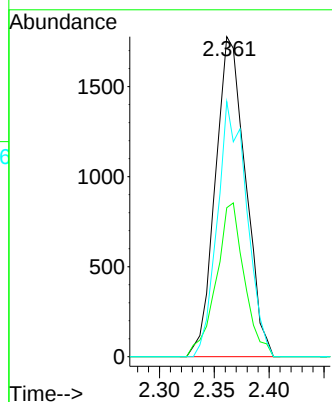
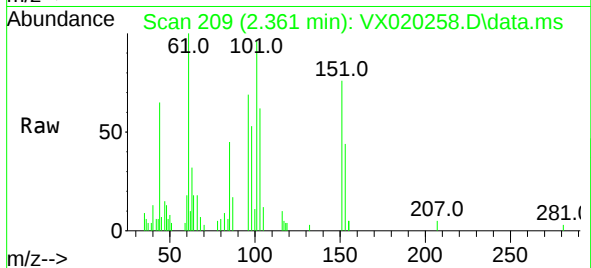




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.35 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.000 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

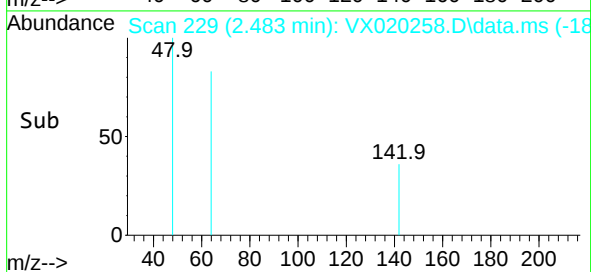
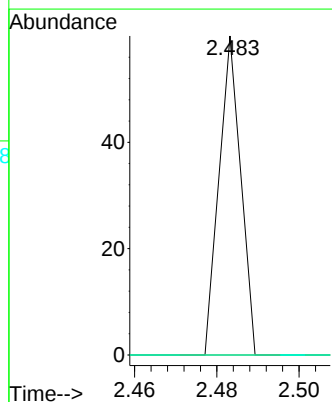
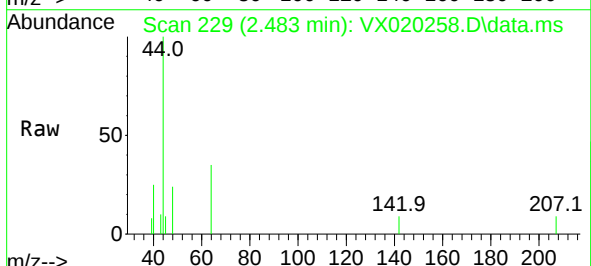
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210

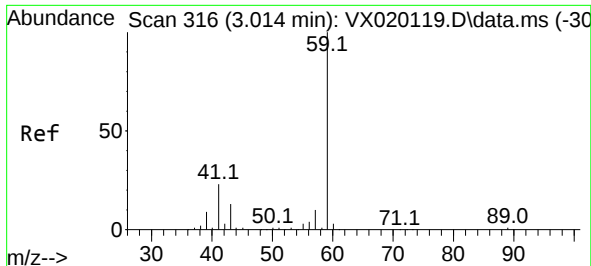
Tgt Ion:101 Resp: 3402
Ion Ratio Lower Upper
101 100
85 44.8 34.9 52.3
151 77.5 61.4 92.2



#10
Methyl Iodide
Concen: 3.29 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.006 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



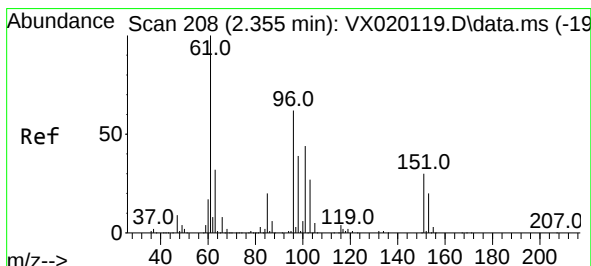
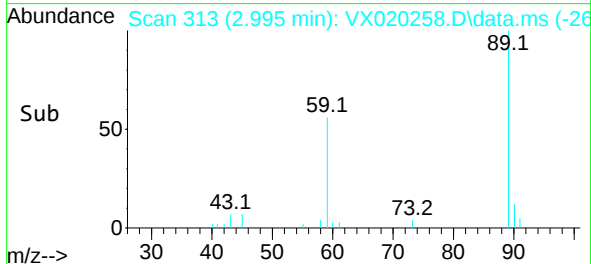
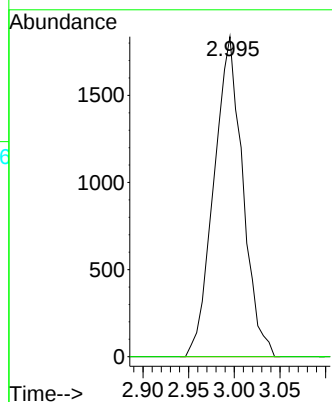
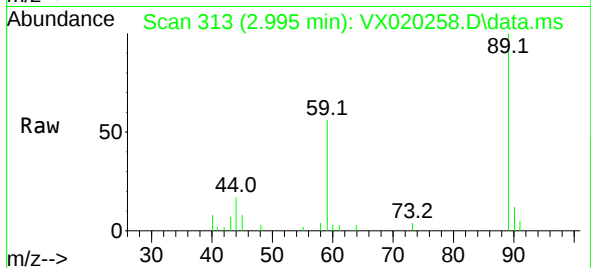


#11

Tert butyl alcohol
Concen: 5.35 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210

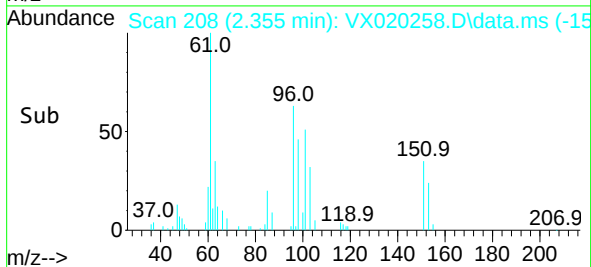
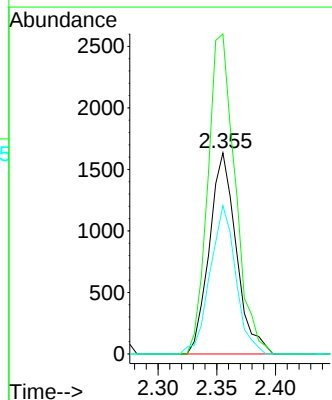
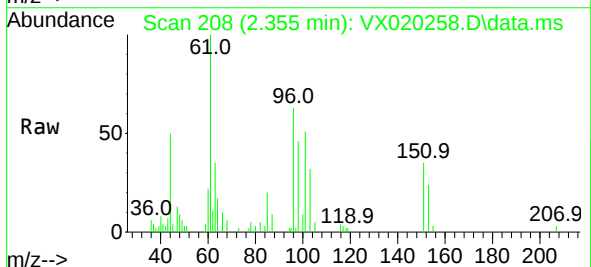
Tgt Ion: 59 Resp: 4044
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12

1,1-Dichloroethene
Concen: 1.01 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

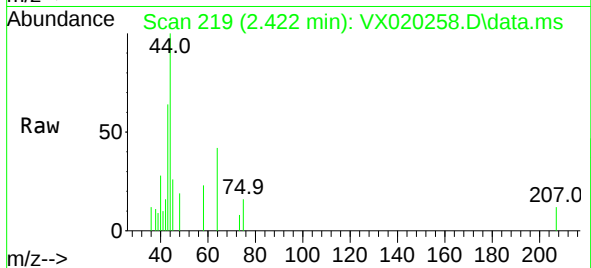
Tgt Ion: 96 Resp: 2599
Ion Ratio Lower Upper
96 100
61 159.1 124.6 187.0
98 73.8 50.6 76.0



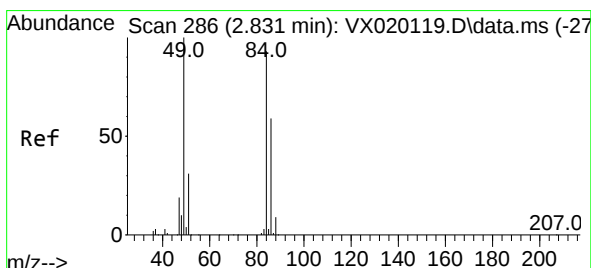
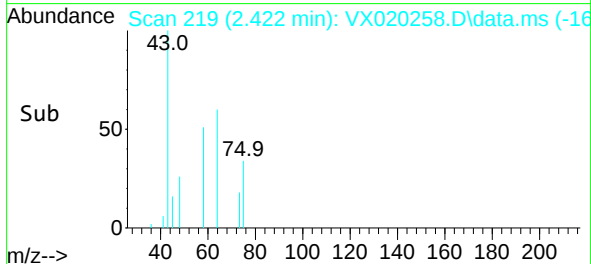
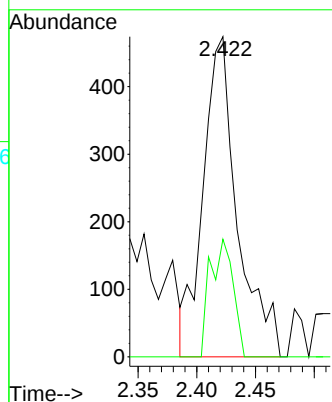


#16
Acetone
Concen: 0.63 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210

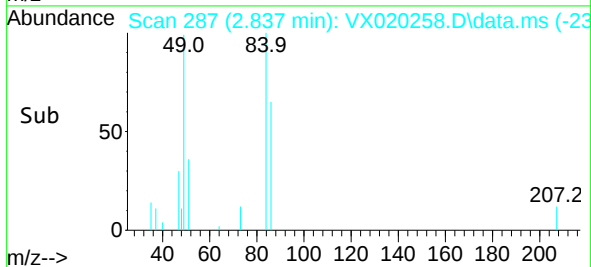
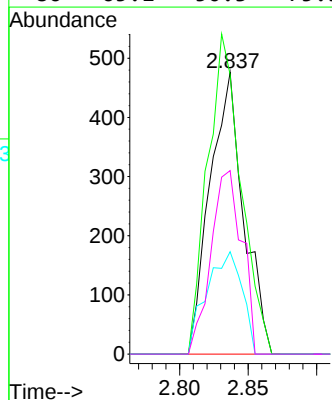
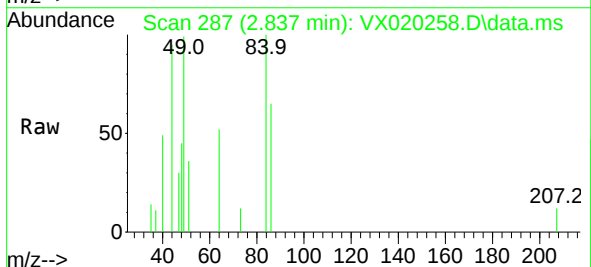


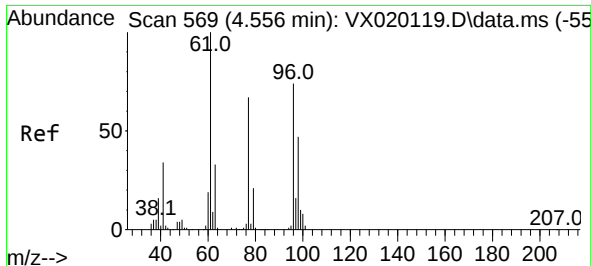
Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 36.7 27.8 41.8



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

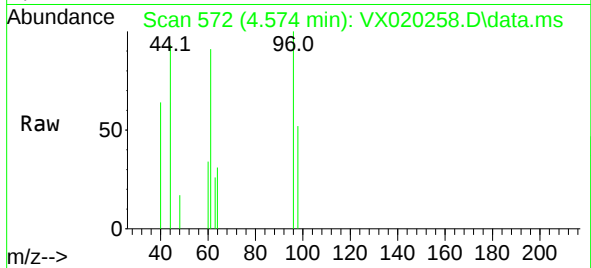
Tgt Ion: 84 Resp: 813
Ion Ratio Lower Upper
84 100
49 99.2 88.6 132.8
51 36.3 27.0 40.6
86 65.1 50.3 75.5



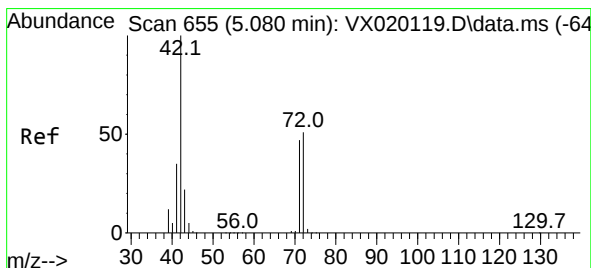
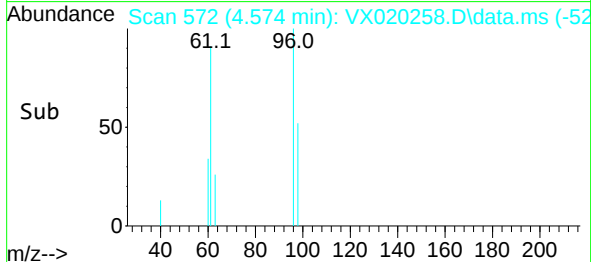
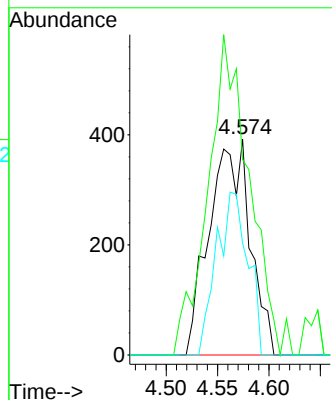


#27
 cis-1,2-Dichloroethene
 Concen: 0.30 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.018 min
 Lab File: VX020258.D
 Acq: 21 Dec 2020 18:23

Instrument :
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 ClientSampleId :
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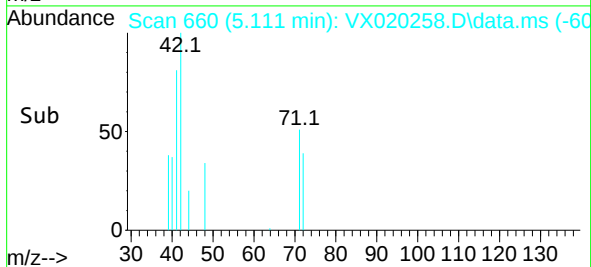
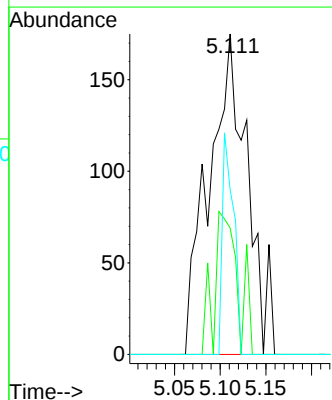
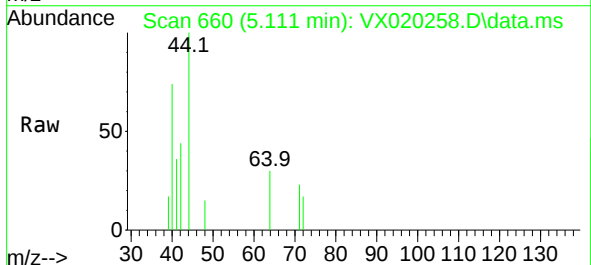


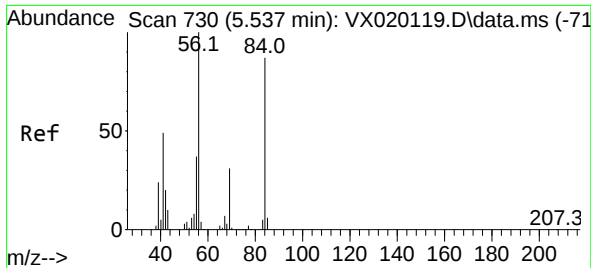
Tgt Ion:	96	Resp:	1073
Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	285.6
98	58.4	0.0	129.6



#29
 Tetrahydrofuran
 Concen: 0.36 ug/l
 RT: 5.111 min Scan# 660
 Delta R.T. 0.031 min
 Lab File: VX020258.D
 Acq: 21 Dec 2020 18:23

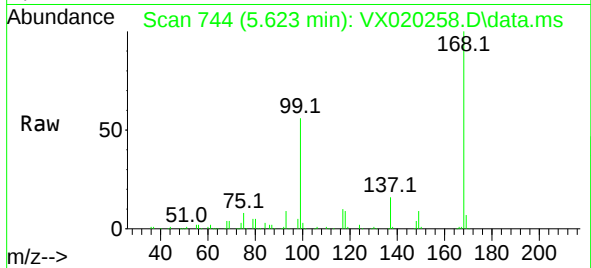
Tgt Ion:	42	Resp:	510
Ion	Ratio	Lower	Upper
42	100		
72	23.3	41.7	62.5#
71	20.4	38.4	57.6#



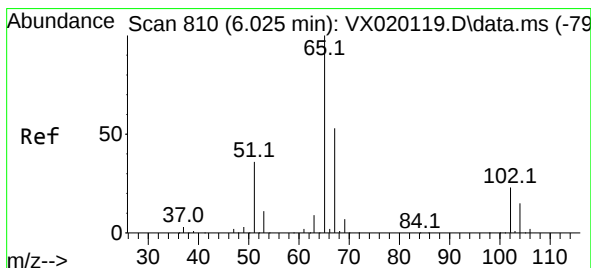
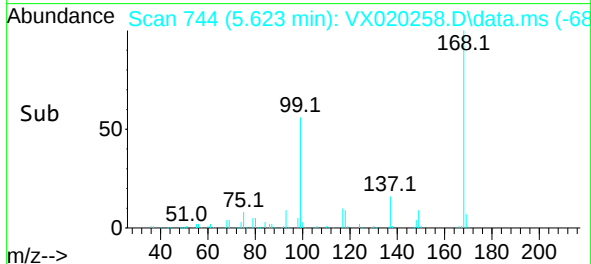
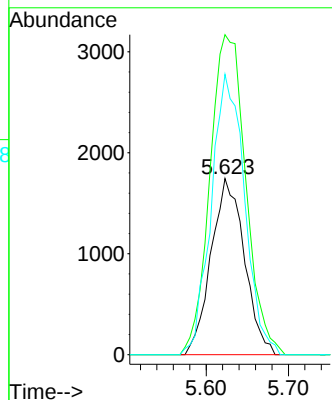


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

Instrument :
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ClientSampleId :
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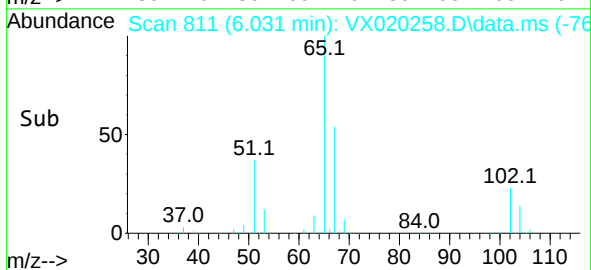
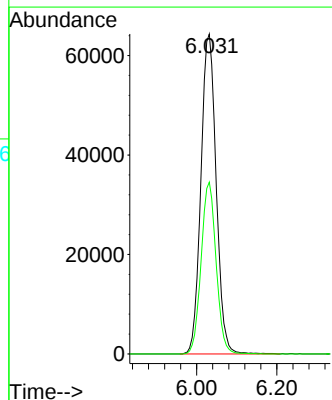
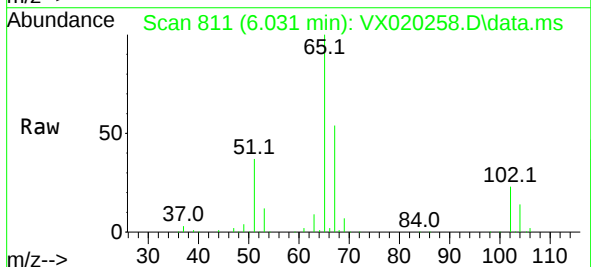


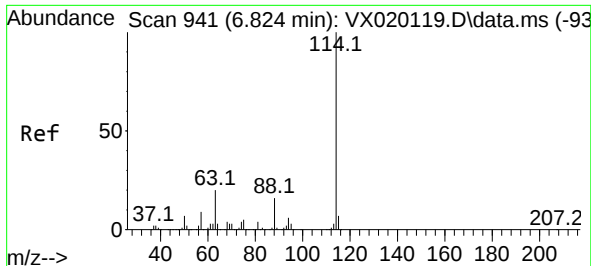
Tgt Ion: 56 Resp: 4908
Ion Ratio Lower Upper
56 100
69 181.7 25.3 37.9#
84 159.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.39 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

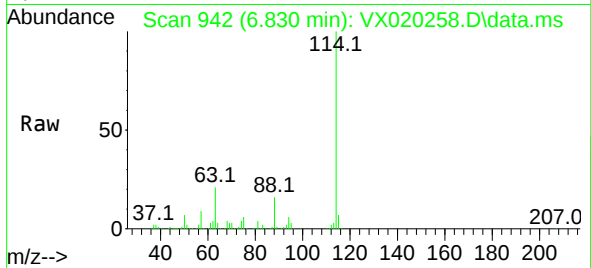
Tgt Ion: 65 Resp: 170181
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



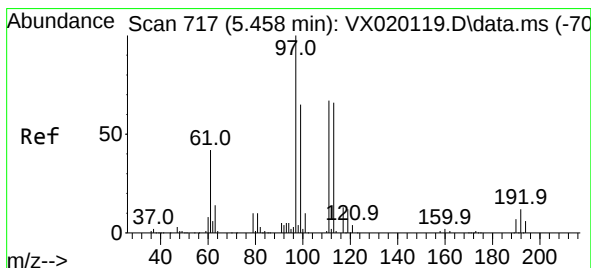
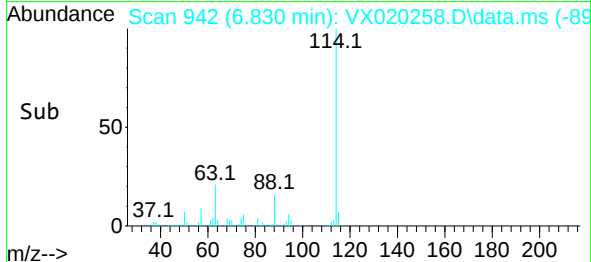
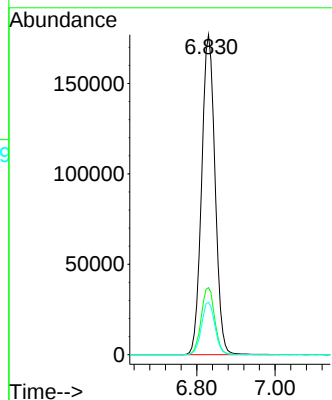


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

Instrument :
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ClientSampleId :
RE120D1-20201210

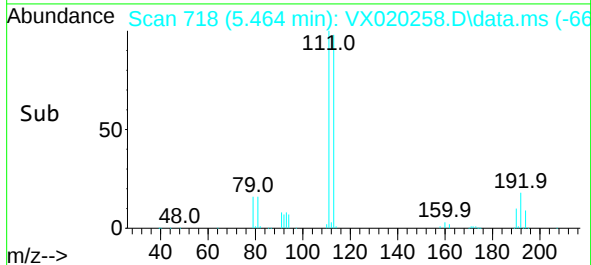
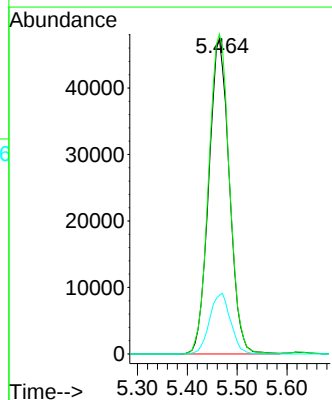
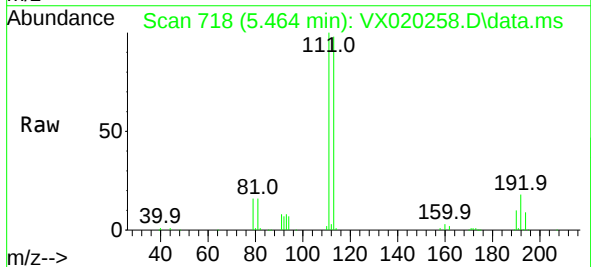


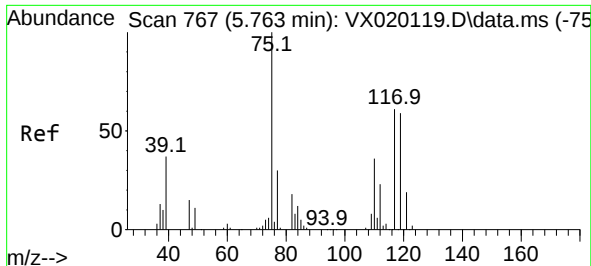
Tgt Ion:114 Resp: 421639
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.22 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

Tgt Ion:113 Resp: 135450
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.6 16.7 25.1

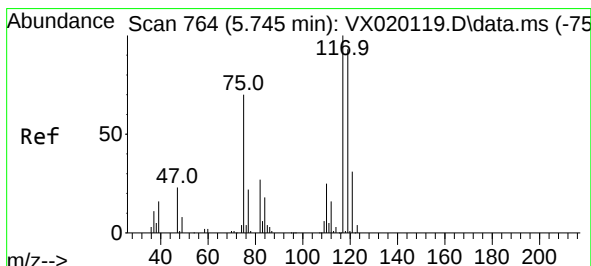
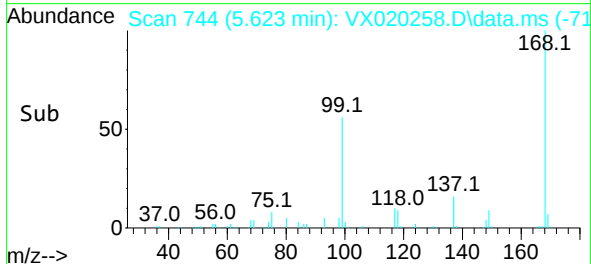
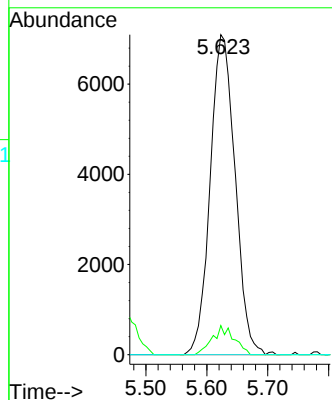
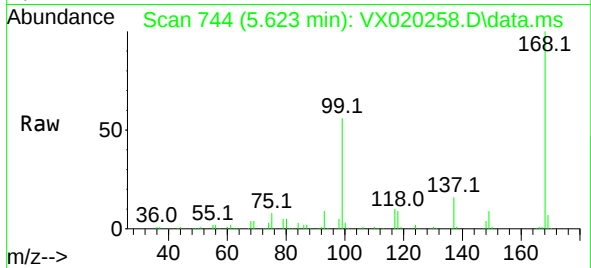




#36
1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

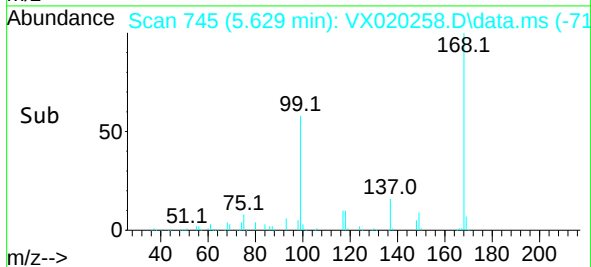
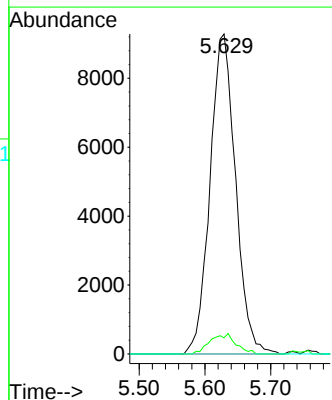
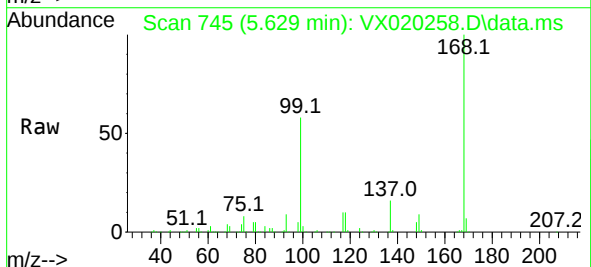
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210

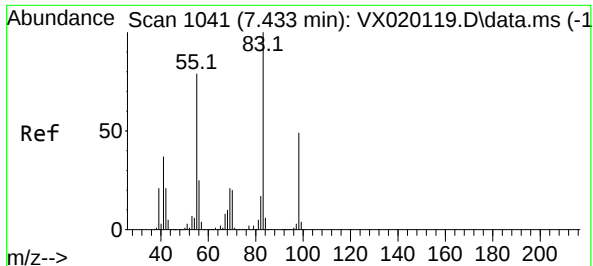
Tgt Ion: 75 Resp: 20185
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

Tgt Ion: 117 Resp: 25079
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.69 ug/l

RT: 7.184 min Scan# 1000

Delta R.T. -0.249 min

Lab File: VX020258.D

Acq: 21 Dec 2020 18:23

Tgt Ion: 83 Resp: 3341

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

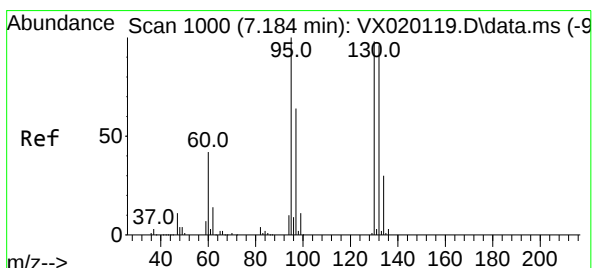
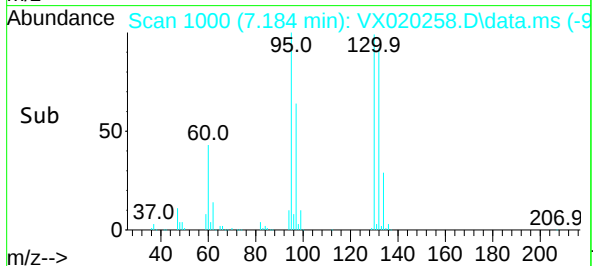
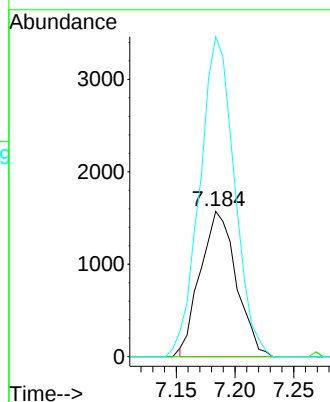
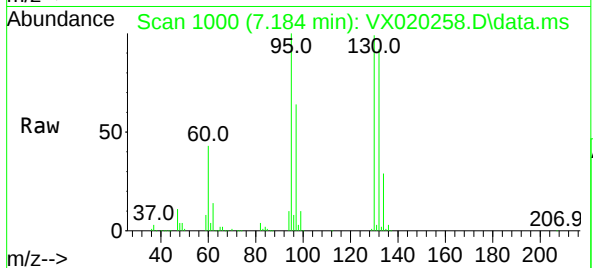
98 220.2 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20201210



#44

Trichloroethene

Concen: 82.10 ug/l

RT: 7.184 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VX020258.D

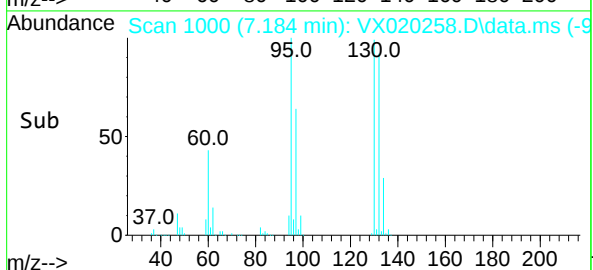
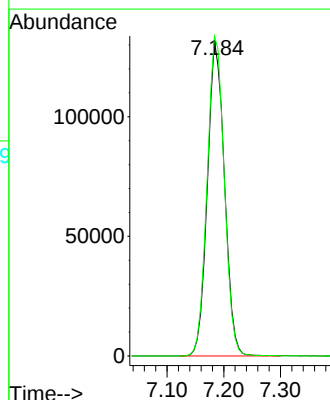
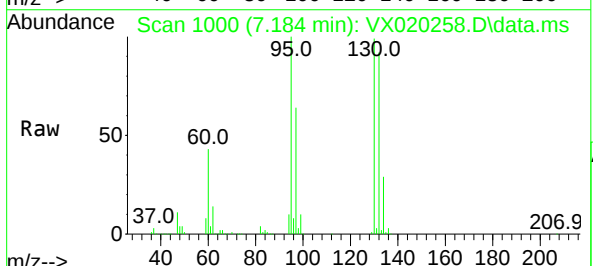
Acq: 21 Dec 2020 18:23

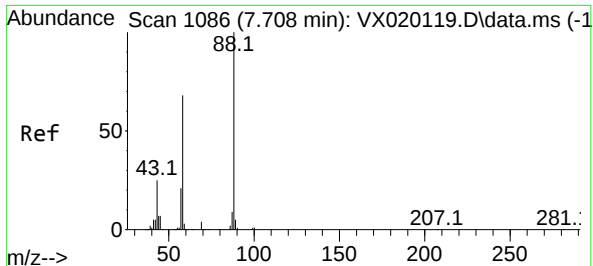
Tgt Ion:130 Resp: 275305

Ion Ratio Lower Upper

130 100

95 101.4 0.0 198.0

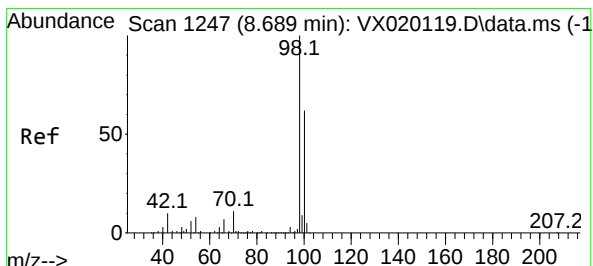
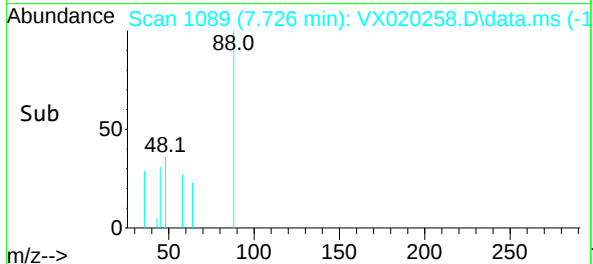
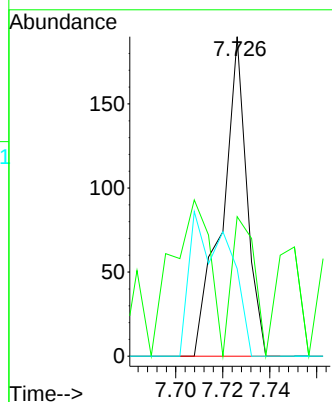
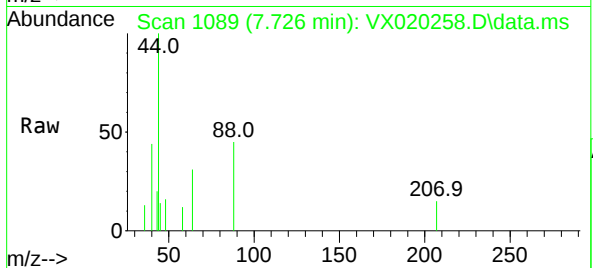




#49
1,4-Dioxane
Concen: 1.77 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

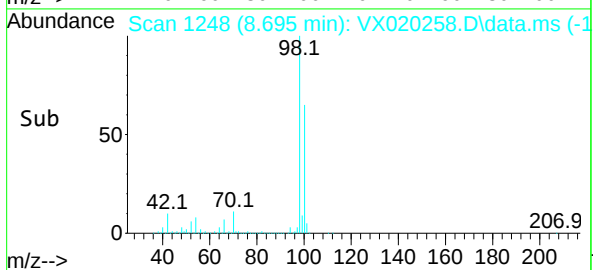
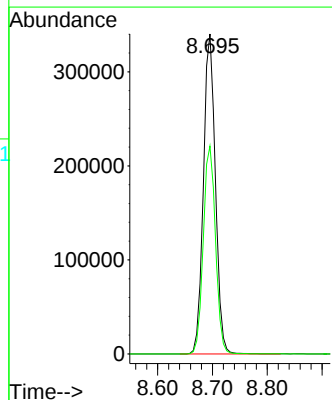
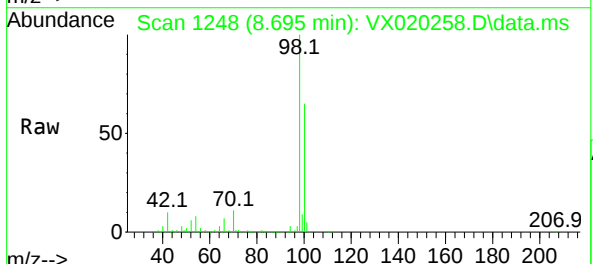
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210

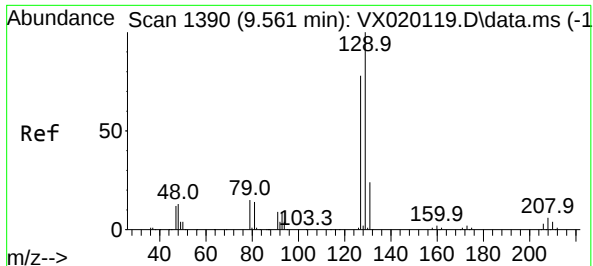
Tgt Ion: 88 Resp: 139
Ion Ratio Lower Upper
88 100
43 40.3 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 49.61 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

Tgt Ion: 98 Resp: 515110
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

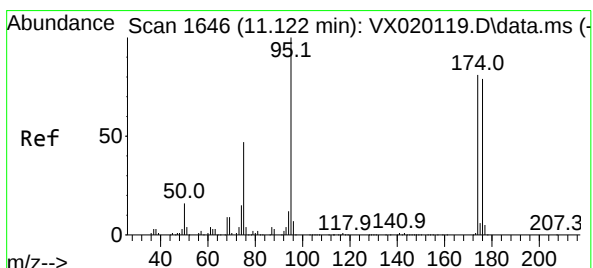
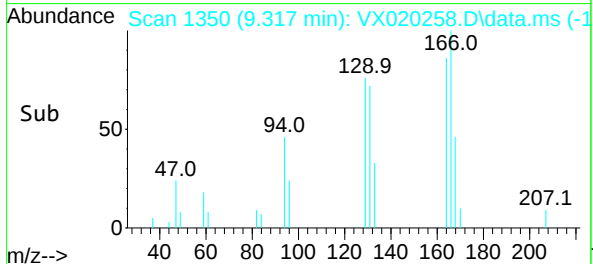
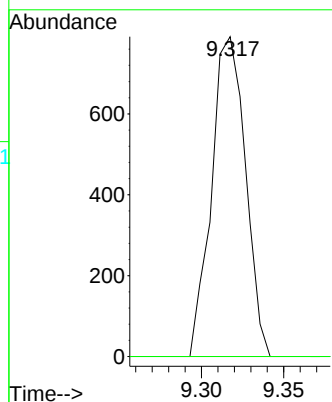
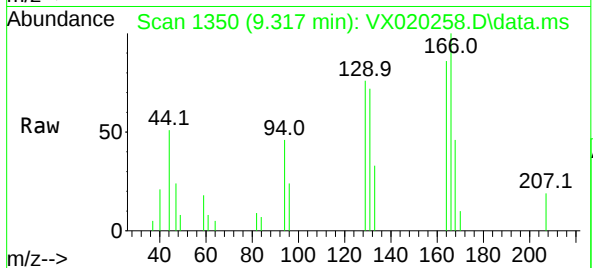




#60
Dibromochloromethane
Concen: 0.35 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

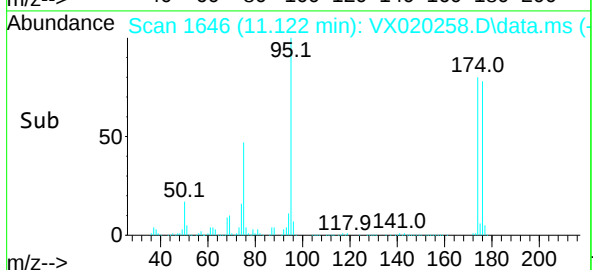
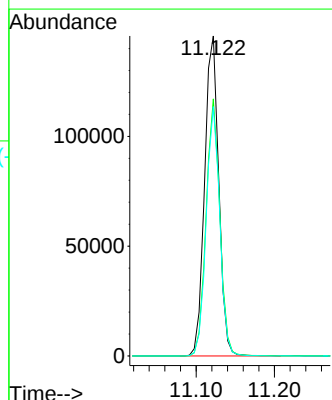
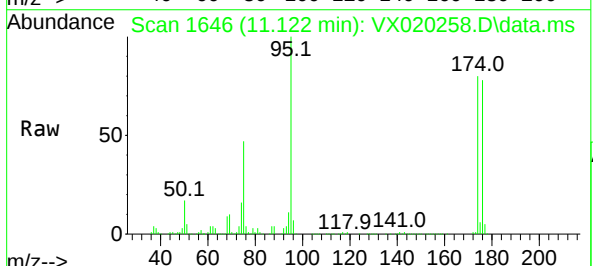
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210

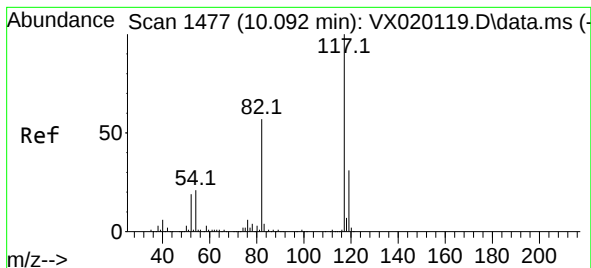
Tgt Ion:129 Resp: 1135
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.89 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

Tgt Ion: 95 Resp: 182334
Ion Ratio Lower Upper
95 100
174 77.7 0.0 154.6
176 74.7 0.0 155.8

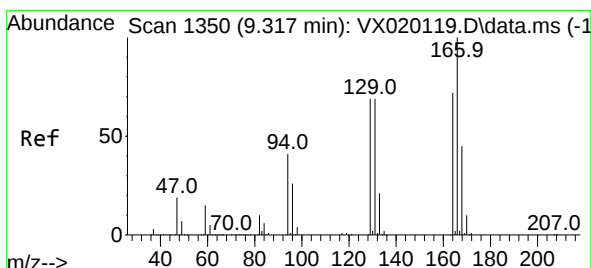
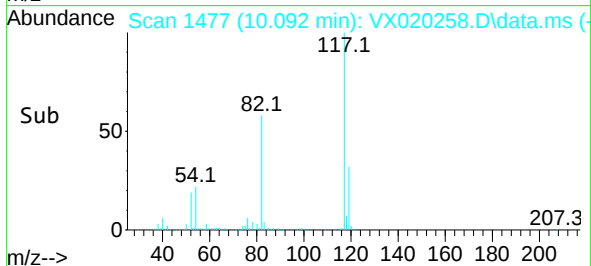
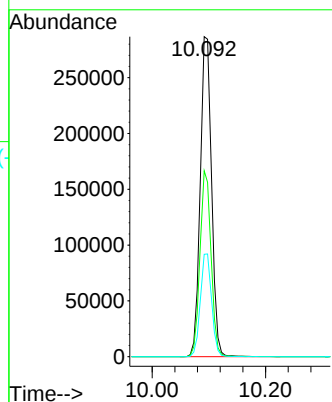
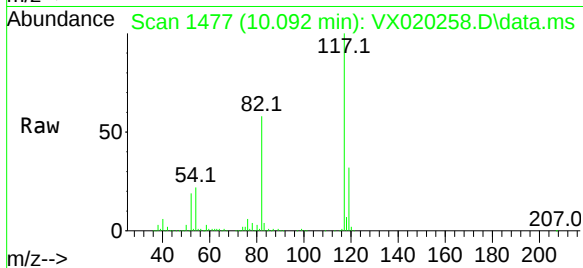




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

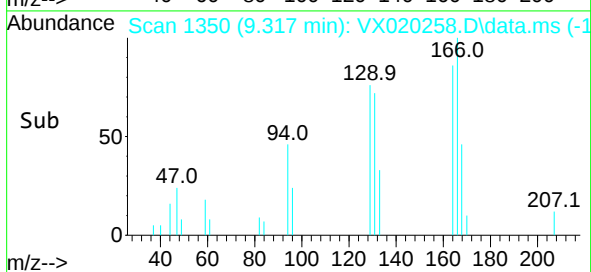
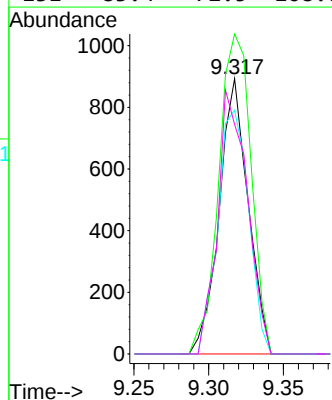
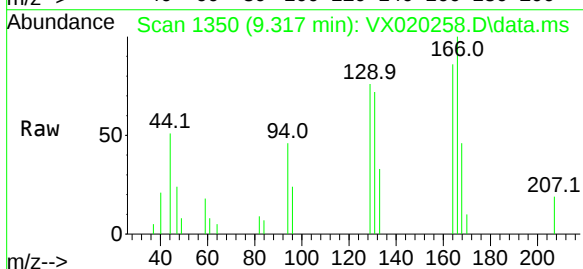
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20201210

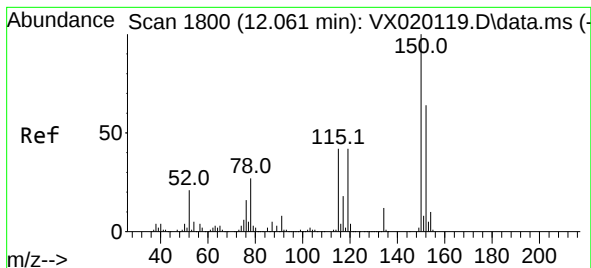
Tgt Ion:117 Resp: 396747
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.0 26.6 39.8



#64
Tetrachloroethene
Concen: 0.40 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020258.D
Acq: 21 Dec 2020 18:23

Tgt Ion:164 Resp: 1201
Ion Ratio Lower Upper
164 100
166 116.2 103.4 155.2
129 88.6 70.8 106.2
131 83.4 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: VX020258.D

Acq: 21 Dec 2020 18:23

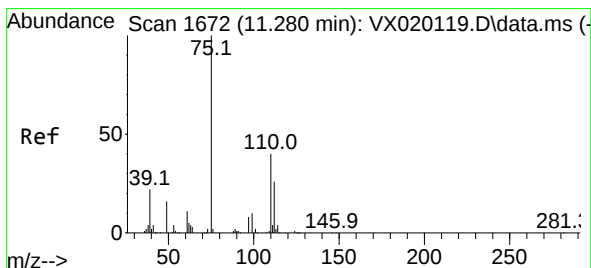
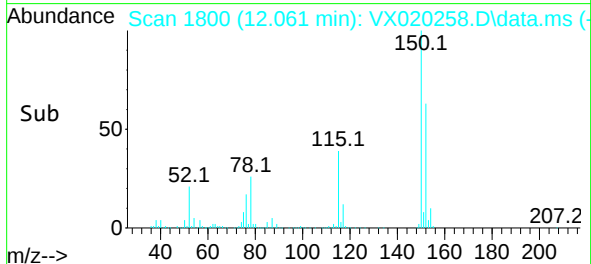
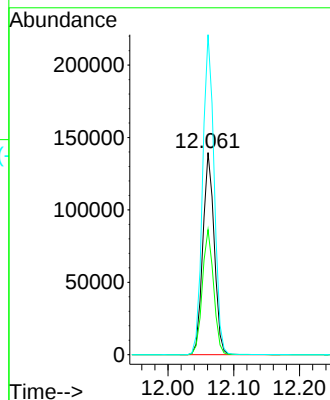
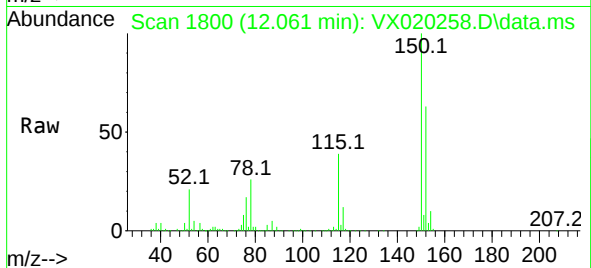
Tgt Ion:152 Resp: 168100

Ion Ratio Lower Upper

152 100

115 61.2 41.1 123.3

150 159.8 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 21.07 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. -0.158 min

Lab File: VX020258.D

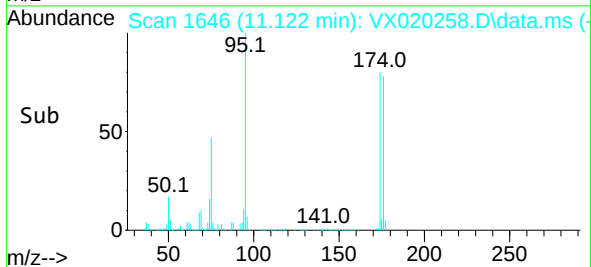
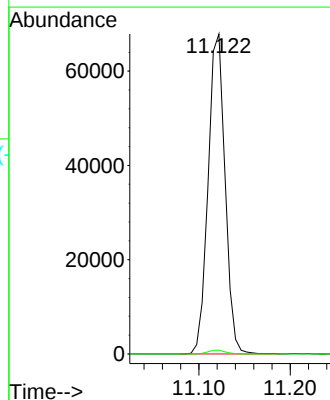
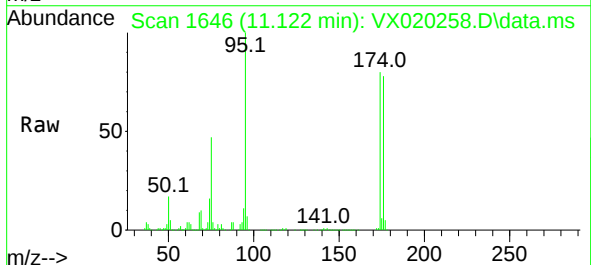
Acq: 21 Dec 2020 18:23

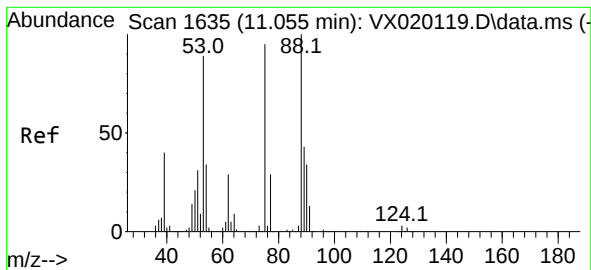
Tgt Ion: 75 Resp: 87228

Ion Ratio Lower Upper

75 100

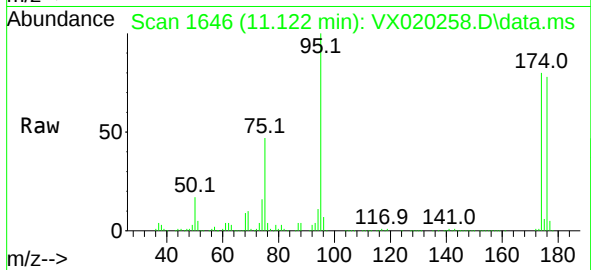
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.50 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020258.D
 Acq: 21 Dec 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20201210



Tgt Ion: 75 Resp: 87228
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

