

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123120\
 Data File : VX020480.D
 Acq On : 31 Dec 2020 14:02
 Operator : JC/MD
 Sample : L5251-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jan 01 00:09:53 2021
 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)

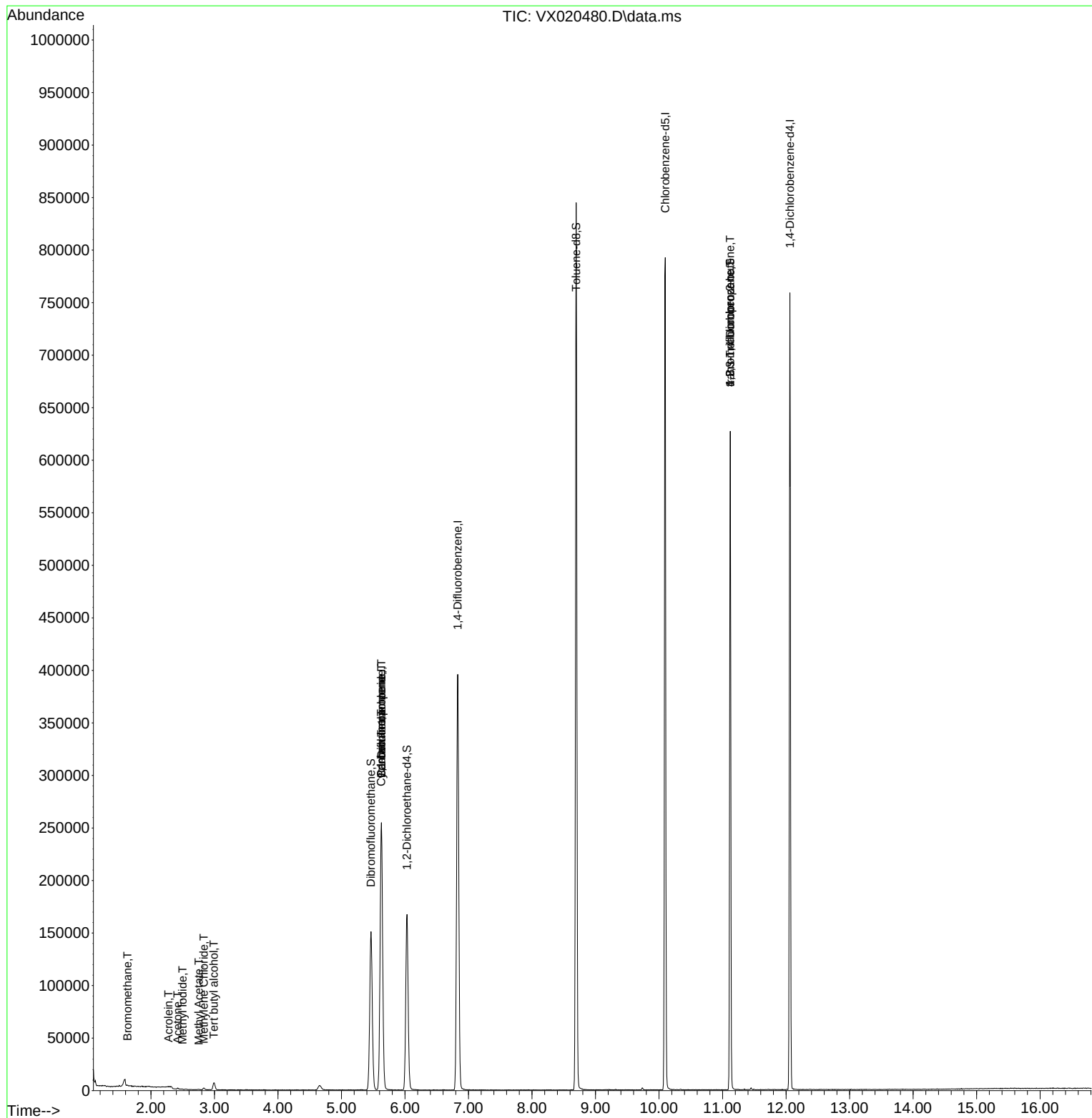
Internal Standards						
1) Pentafluorobenzene	5.629	168	243614	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	401385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	379848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	155767	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	158750	48.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.22%		
35) Dibromofluoromethane	5.464	113	129667	50.50	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.00%		
50) Toluene-d8	8.695	98	491580	49.74	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.48%		
62) 4-Bromofluorobenzene	11.122	95	167518	44.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.56%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	419	0.39	ug/l #	78
10) Methyl Iodide	2.495	142	414	3.40	ug/l #	75
11) Tert butyl alcohol	2.989	59	4172	5.71	ug/l #	73
13) Acrolein	2.276	56	272	0.60	ug/l #	68
16) Acetone	2.416	43	1188	0.80	ug/l	98
18) Methyl Acetate	2.751	43	673	0.20	ug/l #	66
20) Methylene Chloride	2.831	84	811	0.24	ug/l #	86
31) Cyclohexane	5.623	56	4744	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	18456	4.65	ug/l #	48
38) Carbon Tetrachloride	5.629	117	23937	6.34	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	81446	21.23	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	81446	62.98	ug/l #	12

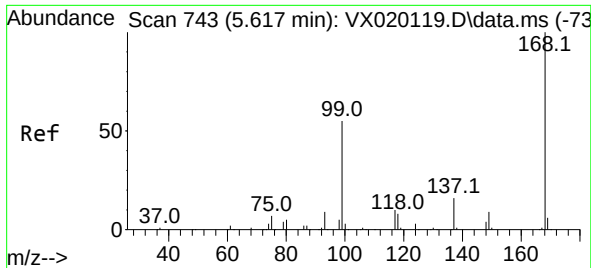
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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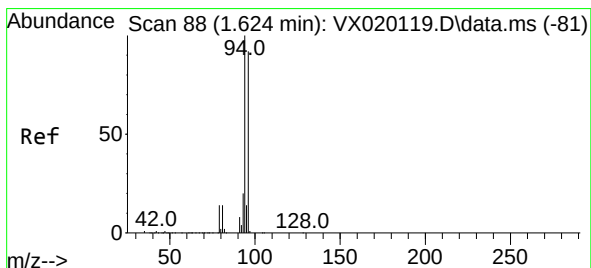
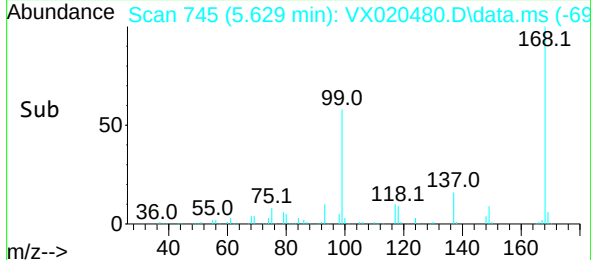
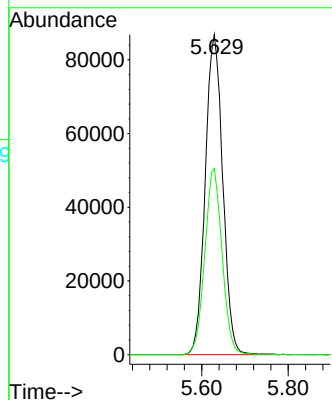
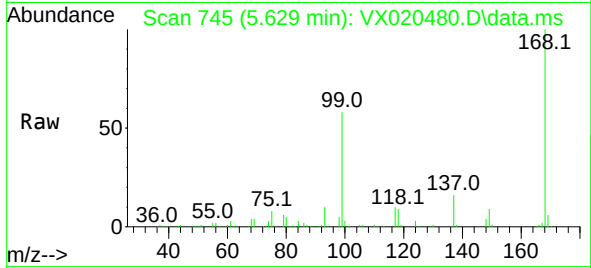




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

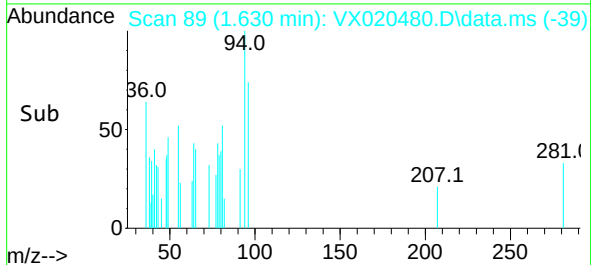
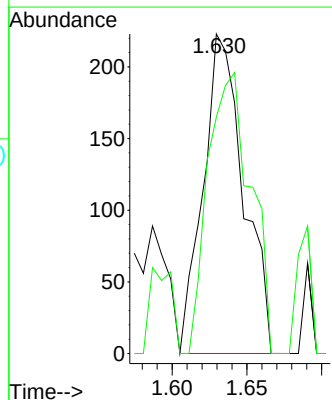
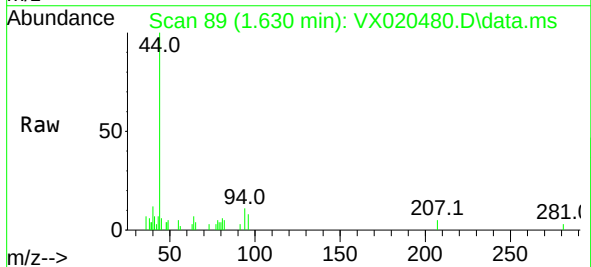
Instrument :
MSVOA_X
ClientSampleId :
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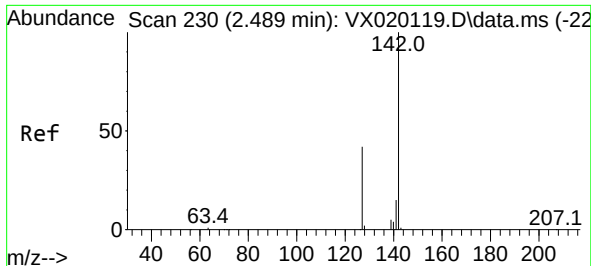
Tgt Ion:168 Resp: 243614
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

Tgt Ion: 94 Resp: 419
Ion Ratio Lower Upper
94 100
96 74.0 76.4 114.6#

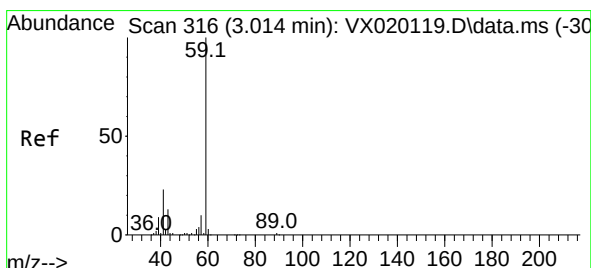
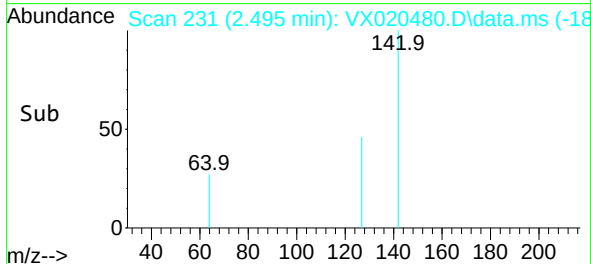
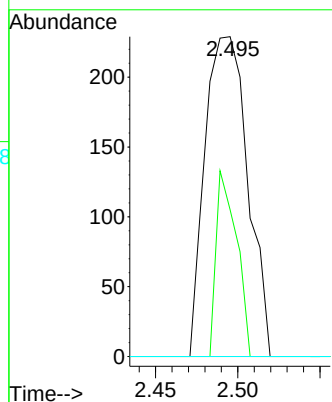
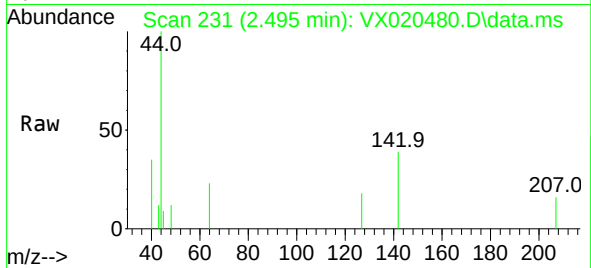




#10
Methyl Iodide
Concen: 3.40 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

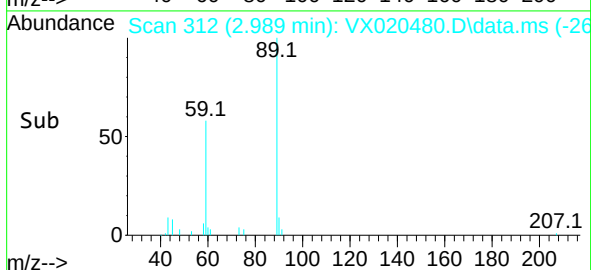
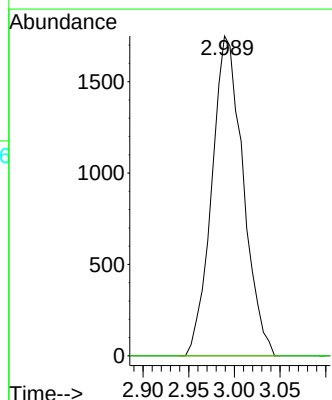
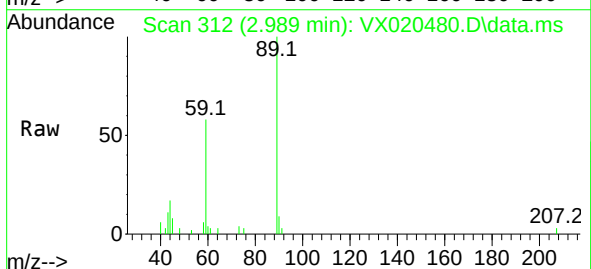
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

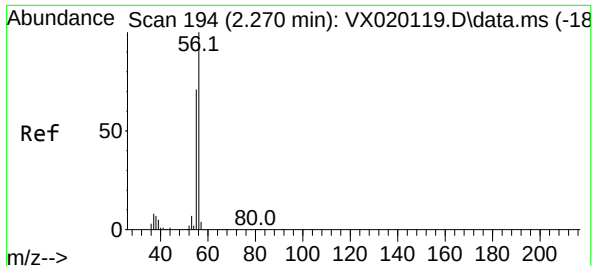
Tgt Ion:142 Resp: 414
Ion Ratio Lower Upper
142 100
127 27.8 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 5.71 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

Tgt Ion: 59 Resp: 4172
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

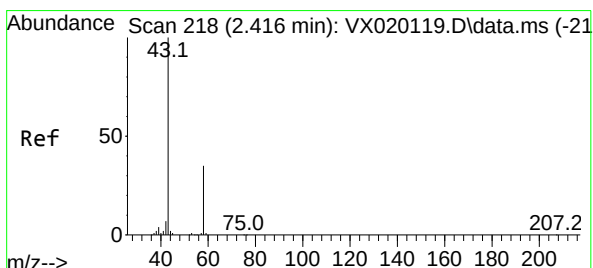
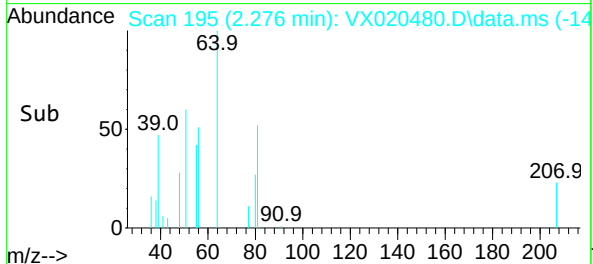
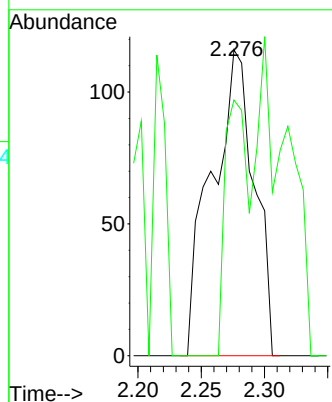
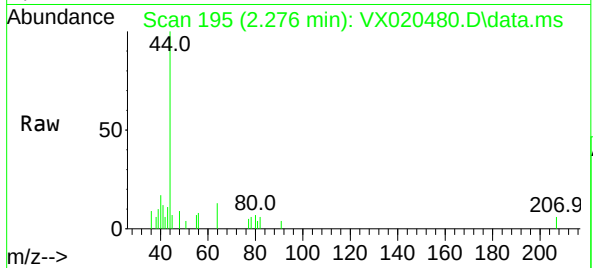




#13
Acrolein
Concen: 0.60 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

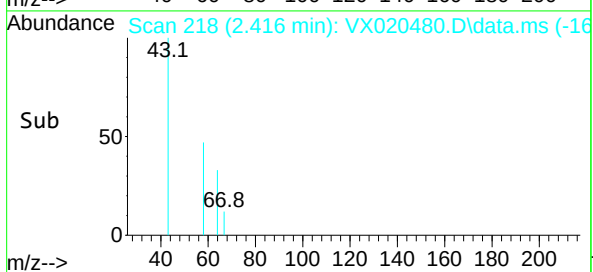
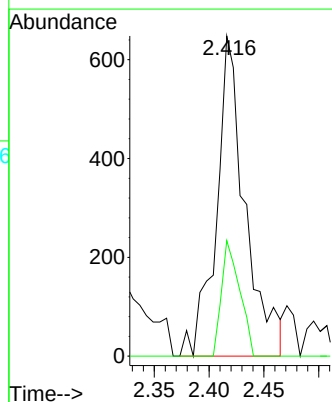
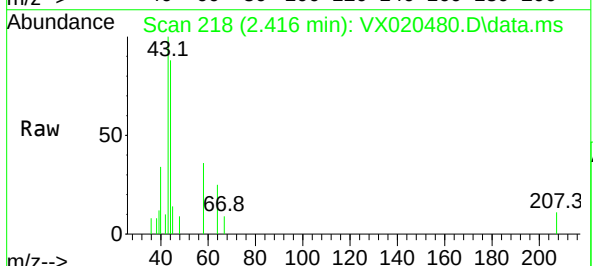
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

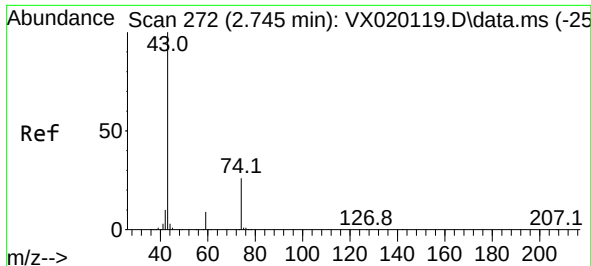
Tgt Ion: 56 Resp: 272
Ion Ratio Lower Upper
56 100
55 44.1 56.4 84.6#



#16
Acetone
Concen: 0.80 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

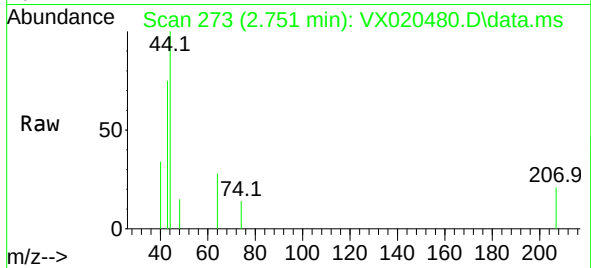
Tgt Ion: 43 Resp: 1188
Ion Ratio Lower Upper
43 100
58 36.1 27.8 41.8



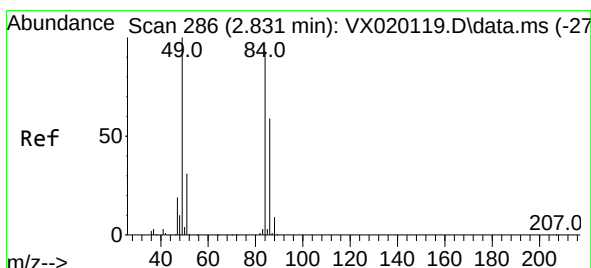
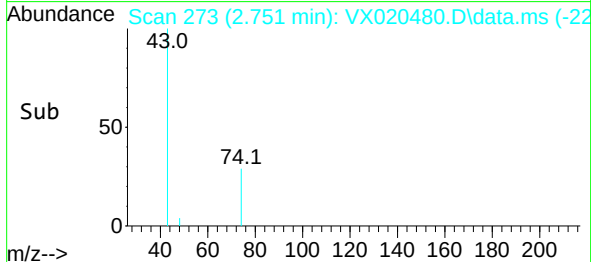
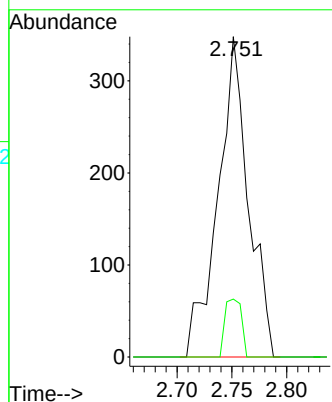


#18
Methyl Acetate
Concen: 0.20 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

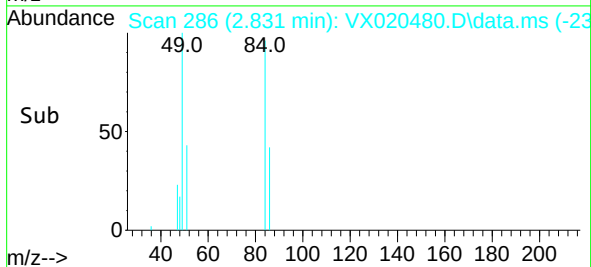
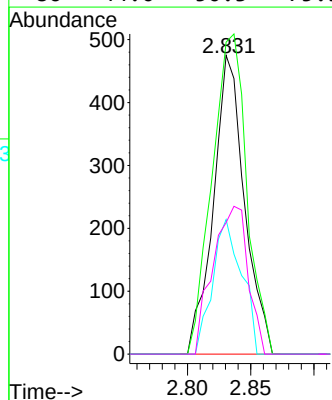
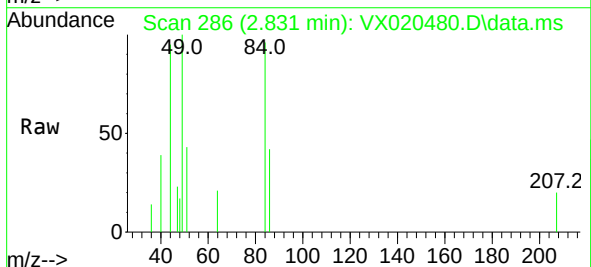


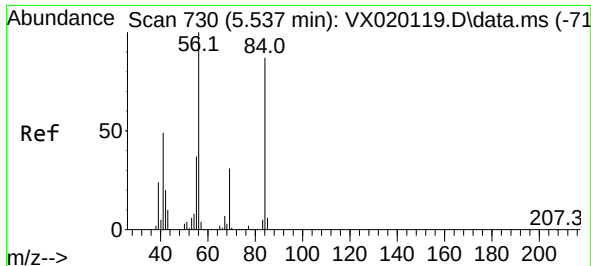
Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
74 9.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

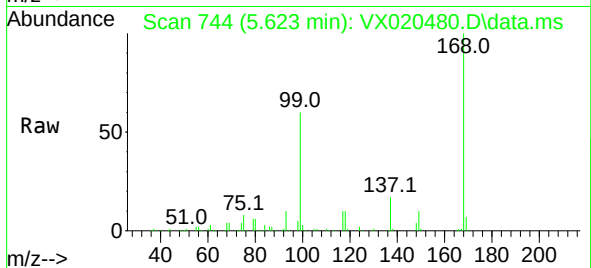
Tgt Ion: 84 Resp: 811
Ion Ratio Lower Upper
84 100
49 104.4 88.6 132.8
51 45.1 27.0 40.6#
86 44.0 50.3 75.5#



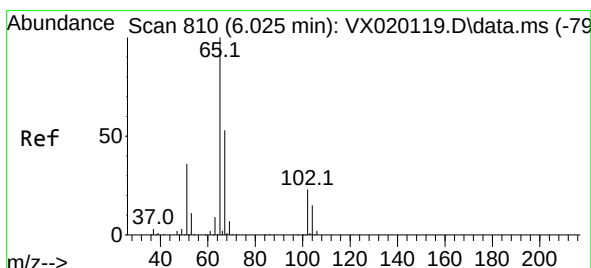
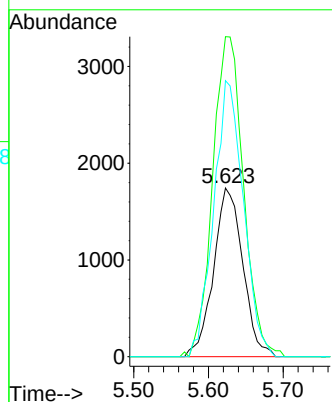
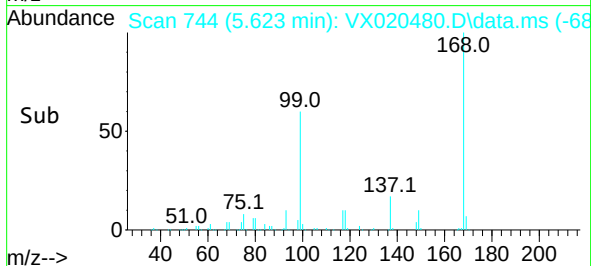


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

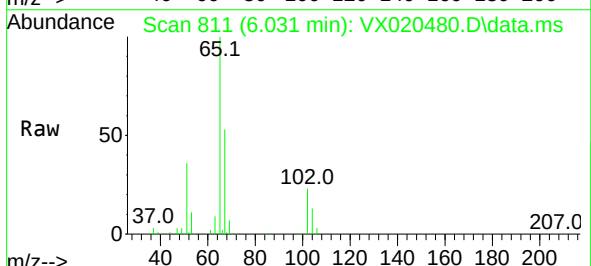
Instrument :
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA



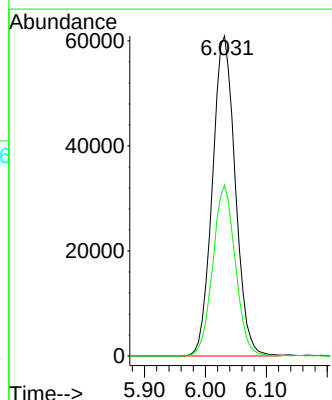
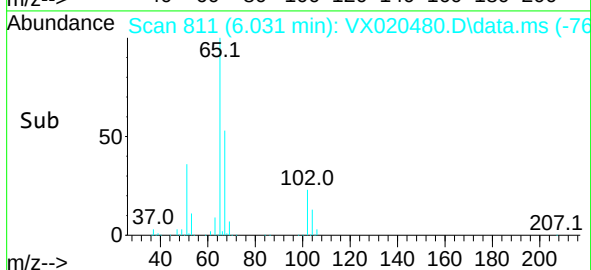
Tgt Ion: 56 Resp: 4744
Ion Ratio Lower Upper
56 100
69 189.8 25.3 37.9#
84 163.7 71.4 107.0#

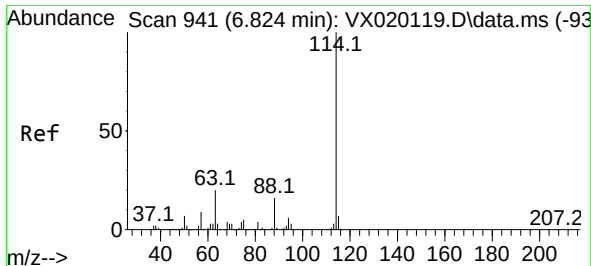


#33
1,2-Dichloroethane-d4
Concen: 48.61 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02



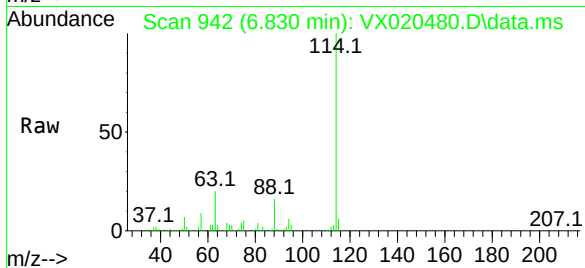
Tgt Ion: 65 Resp: 158750
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



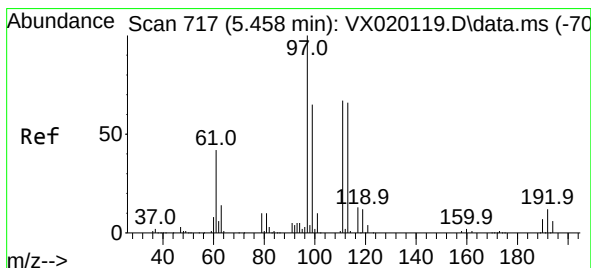
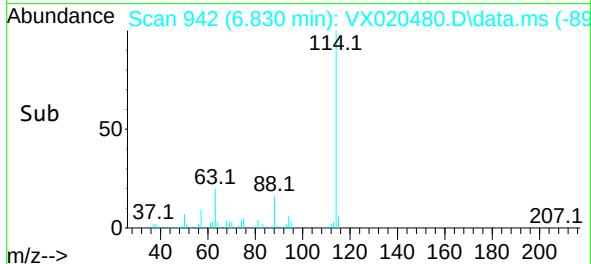
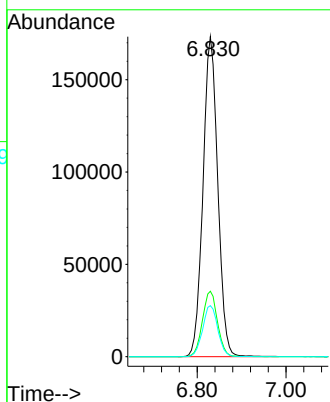


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

Instrument :
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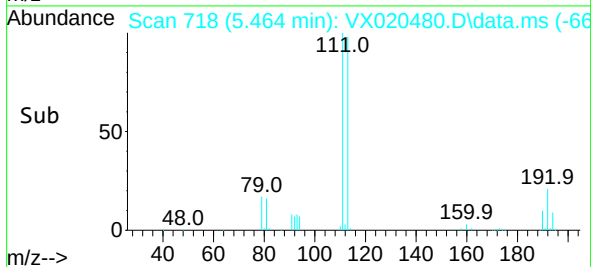
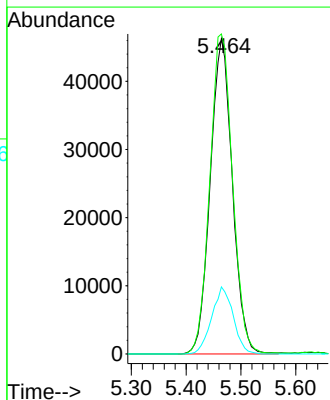
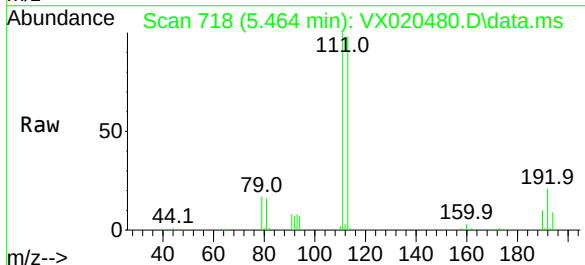


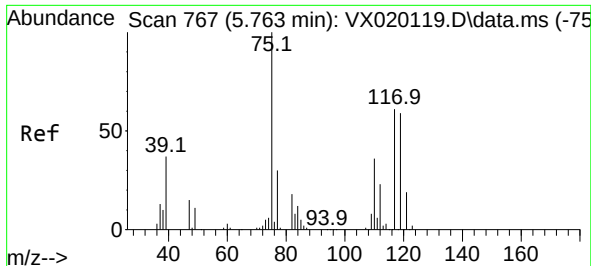
Tgt Ion:114 Resp: 401385
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.50 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

Tgt Ion:113 Resp: 129667
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 20.7 16.7 25.1

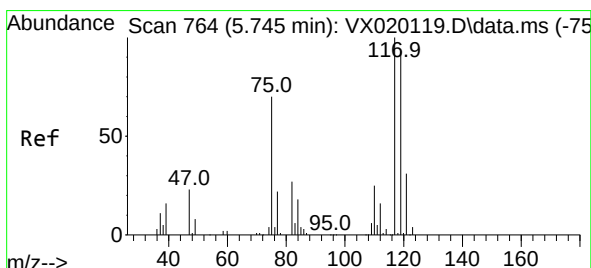
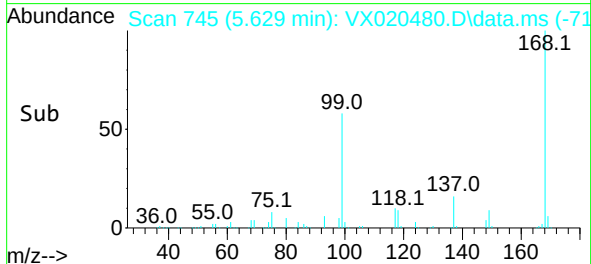
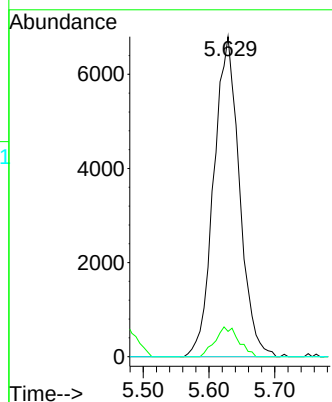
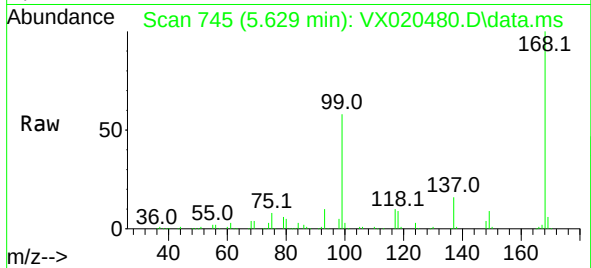




#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

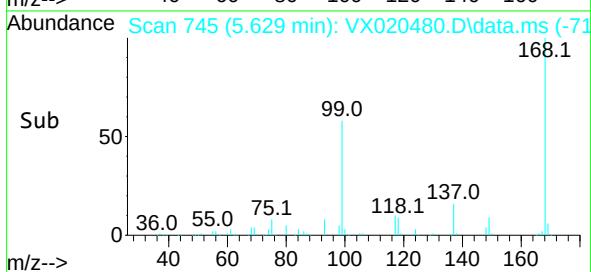
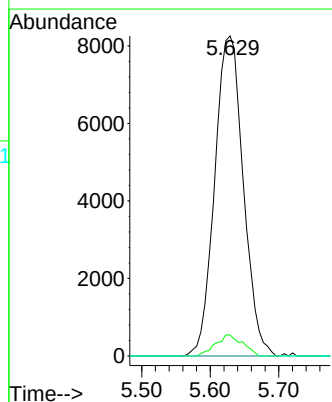
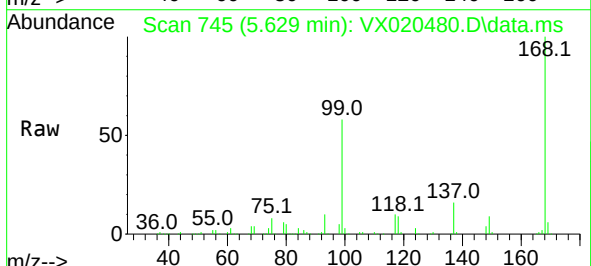
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

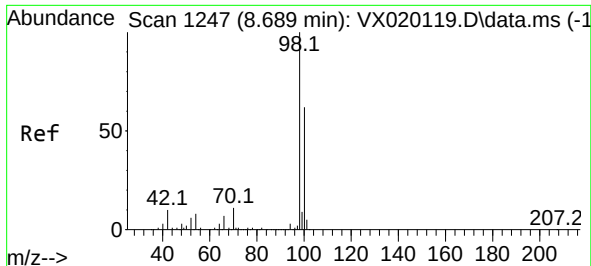
Tgt Ion: 75 Resp: 18456
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

Tgt Ion: 117 Resp: 23937
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#

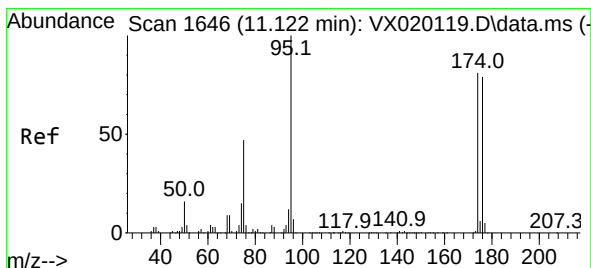
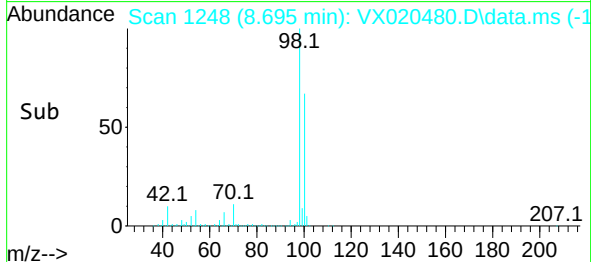
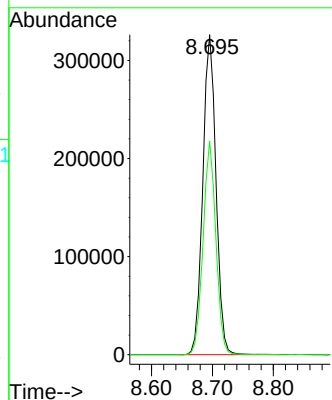
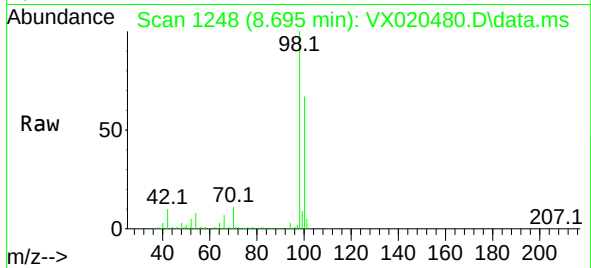




#50
Toluene-d8
Concen: 49.74 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

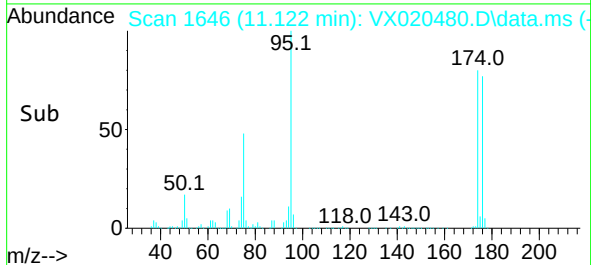
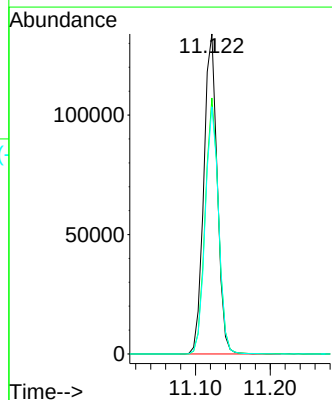
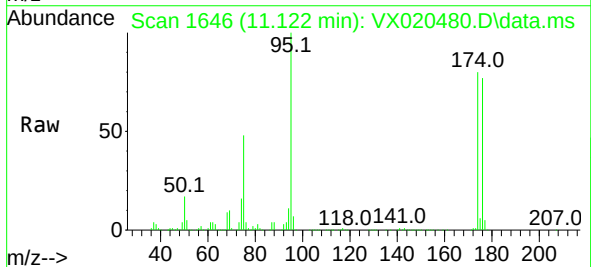
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

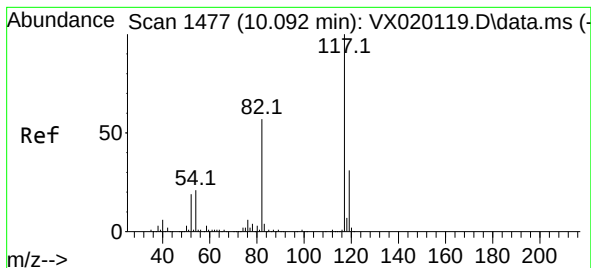
Tgt Ion: 98 Resp: 491580
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.28 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

Tgt Ion: 95 Resp: 167518
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 77.2 0.0 155.8

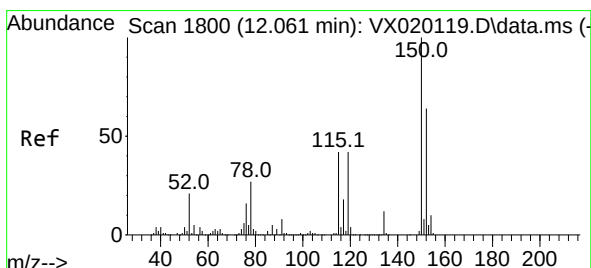
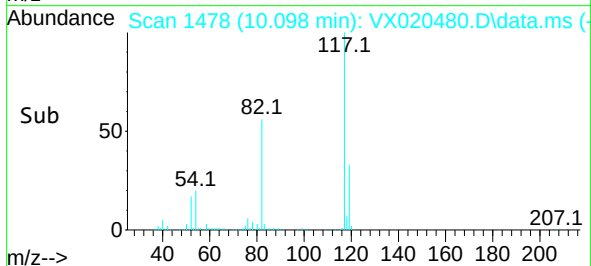
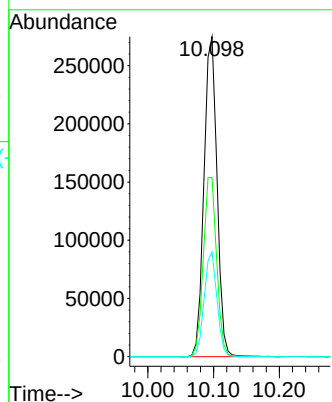
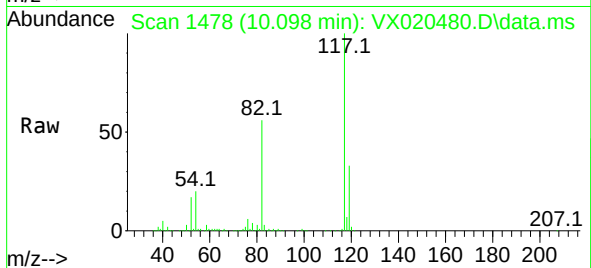




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

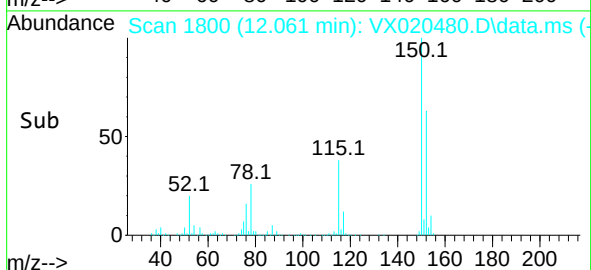
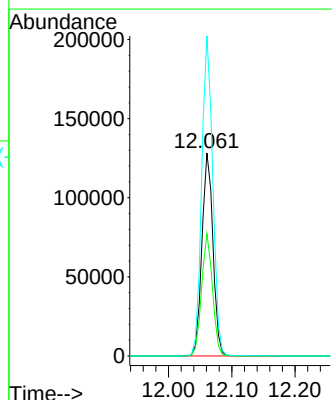
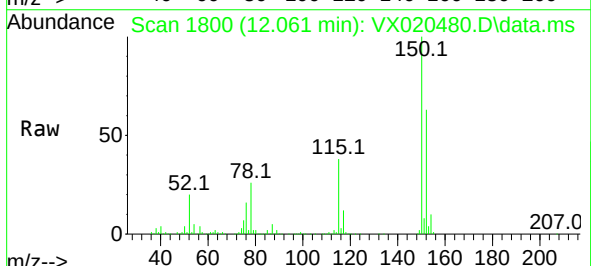
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

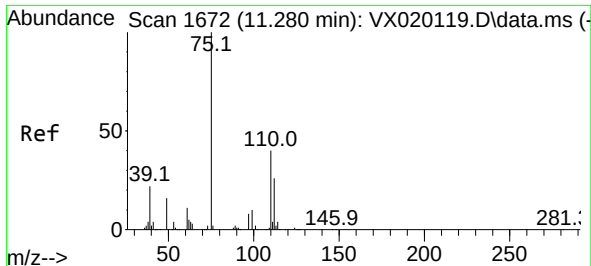
Tgt Ion:117 Resp: 379848
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

Tgt Ion:152 Resp: 155767
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 157.9 0.0 349.0

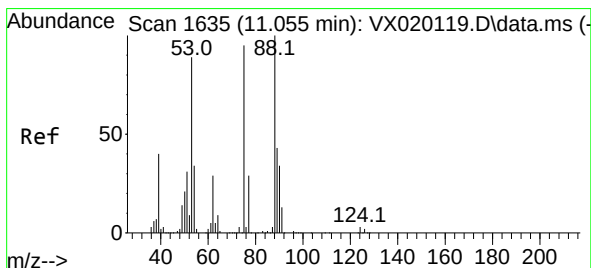
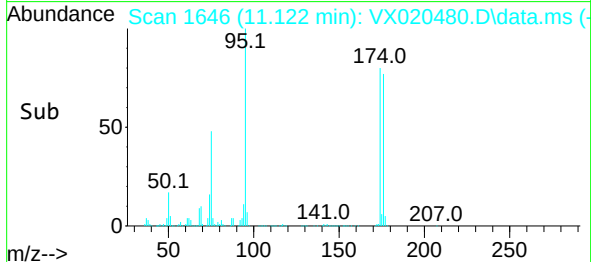
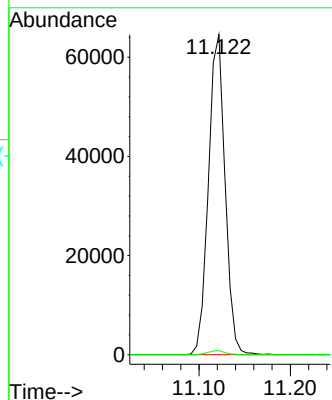
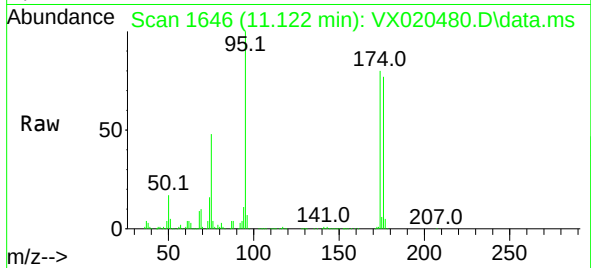




#76
1,2,3-Trichloropropane
Concen: 21.23 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 81446
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.98 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020480.D
Acq: 31 Dec 2020 14:02

Tgt Ion: 75 Resp: 81446
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

