

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
 Data File : VX020411.D
 Acq On : 28 Dec 2020 14:22
 Operator : JC/MD
 Sample : L5219-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS013-13-6523-122320

Quant Time: Dec 29 00:39:42 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)

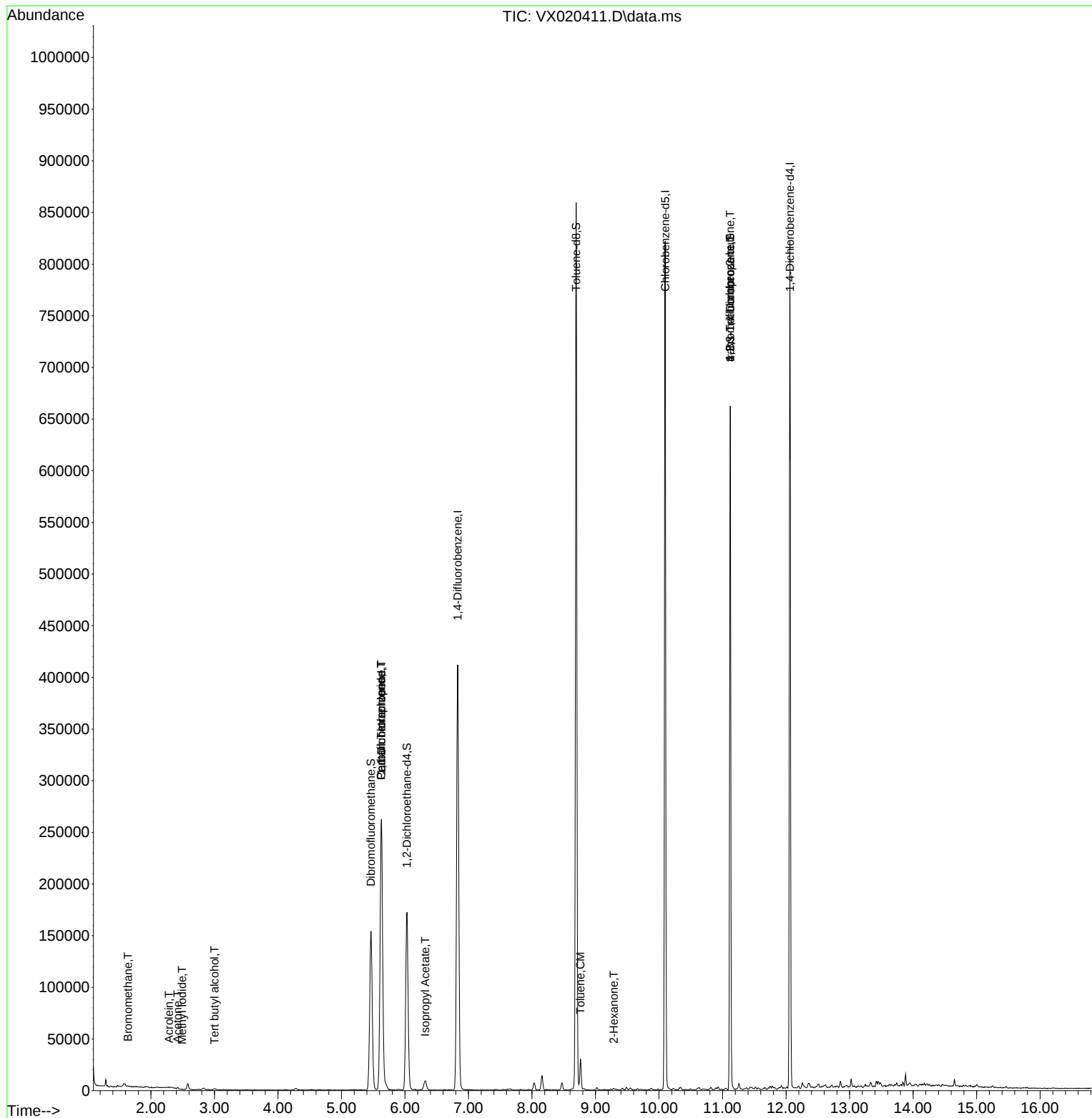
Internal Standards						
1) Pentafluorobenzene	5.623	168	249999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	421865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	393712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	168200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	162629	48.53	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.06%		
35) Dibromofluoromethane	5.464	113	134125	49.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.40%		
50) Toluene-d8	8.695	98	516355	49.71	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.42%		
62) 4-Bromofluorobenzene	11.122	95	179990	45.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.54%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	480	0.44	ug/l #	63
10) Methyl Iodide	2.489	142	302	3.37	ug/l #	89
11) Tert butyl alcohol	3.001	59	1179	1.57	ug/l #	73
13) Acrolein	2.282	56	123	0.26	ug/l #	30
16) Acetone	2.416	43	2011	1.32	ug/l #	81
36) 1,1-Dichloropropene	5.629	75	19277	4.62	ug/l #	49
38) Carbon Tetrachloride	5.623	117	24705	6.23	ug/l #	16
43) Isopropyl Acetate	6.318	43	2407	0.35	ug/l #	57
52) Toluene	8.762	92	10624	1.34	ug/l	96
59) 2-Hexanone	9.287	43	936	0.29	ug/l	64
76) 1,2,3-Trichloropropane	11.122	75	85931	20.74	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	85931	61.53	ug/l #	12

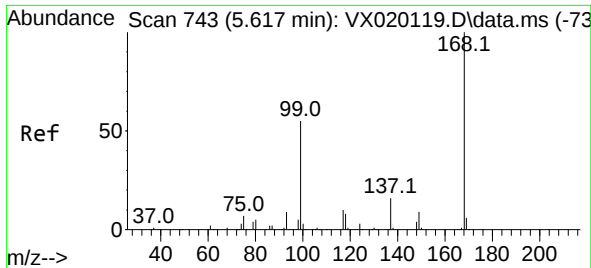
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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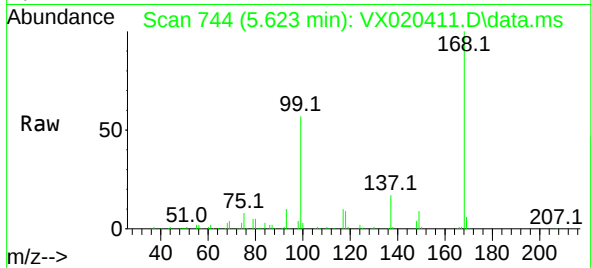
Quant Time: Dec 29 00:39:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
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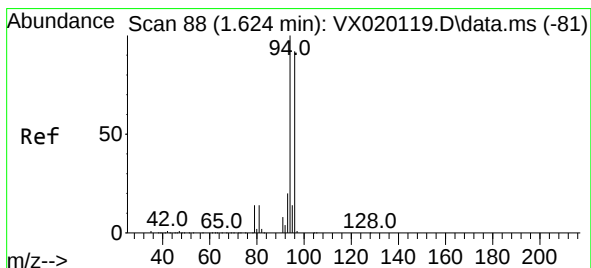
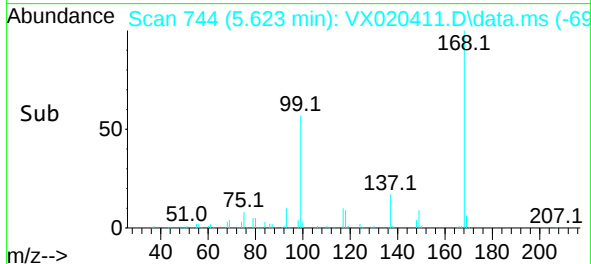
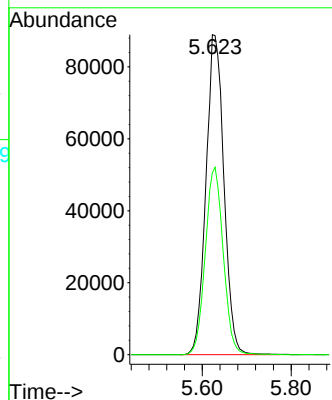


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

Instrument :
MSVOA_X
ClientSampleId :
SS013-13-6523-122320

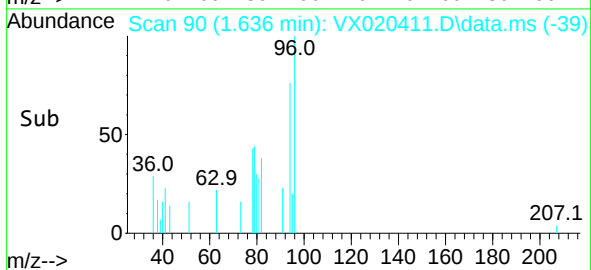
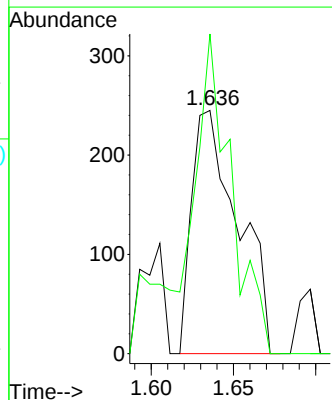
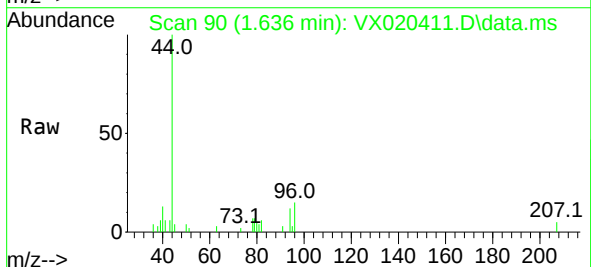


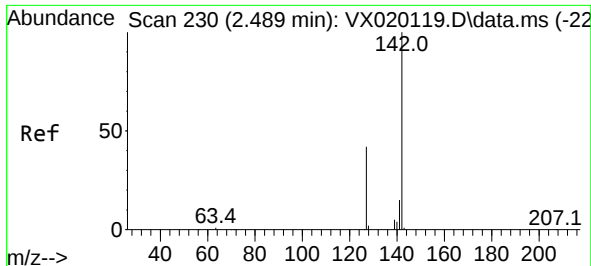
Tgt Ion:168 Resp: 249999
Ion Ratio Lower Upper
168 100
99 56.8 45.8 68.6



#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

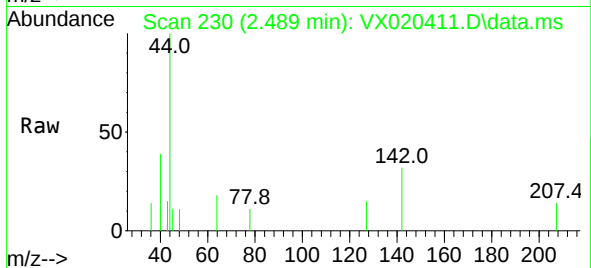
Tgt Ion: 94 Resp: 480
Ion Ratio Lower Upper
94 100
96 131.4 76.4 114.6#



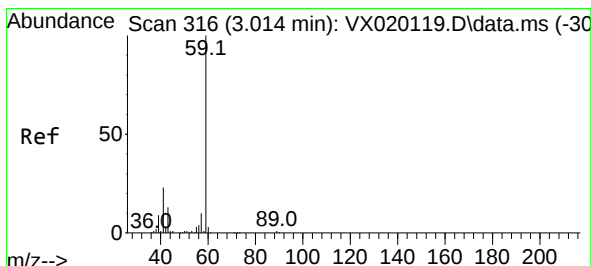
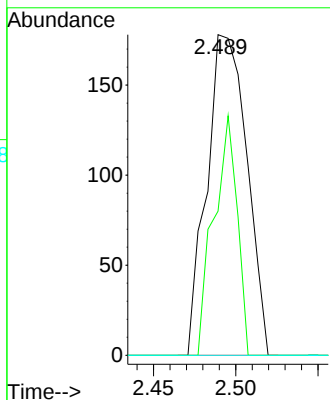
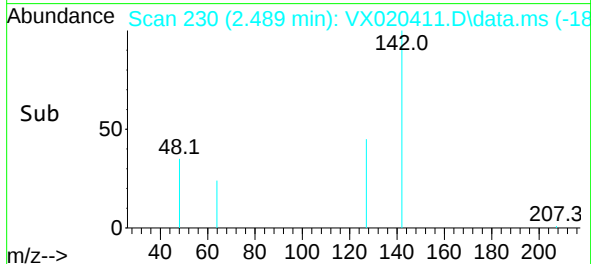


#10
Methyl Iodide
Concen: 3.37 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

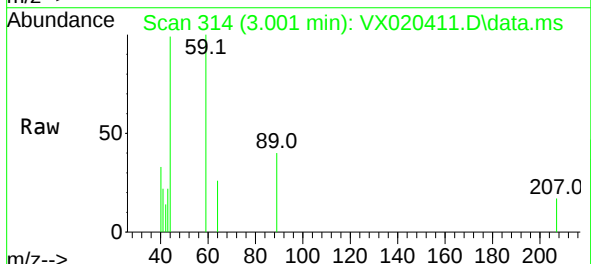
Instrument :
MSVOA_X
ClientSampleId :
SS013-13-6523-122320



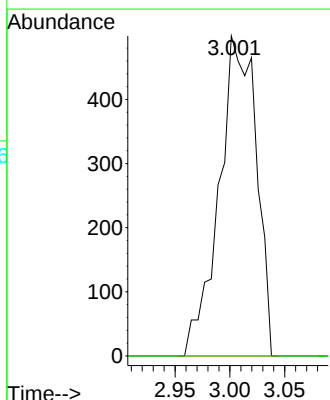
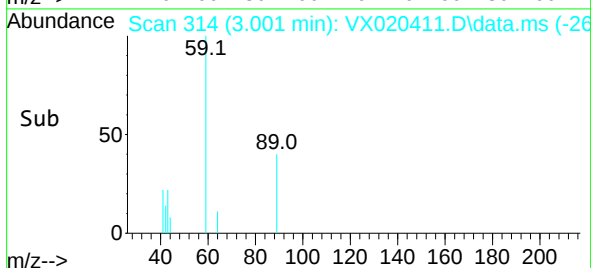
Tgt Ion:142 Resp: 302
Ion Ratio Lower Upper
142 100
127 43.7 33.3 49.9
141 0.0 11.4 17.0#

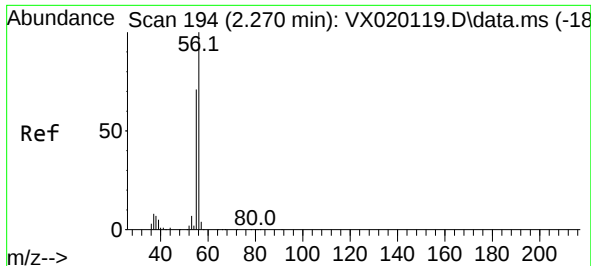


#11
Tert butyl alcohol
Concen: 1.57 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22



Tgt Ion: 59 Resp: 1179
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

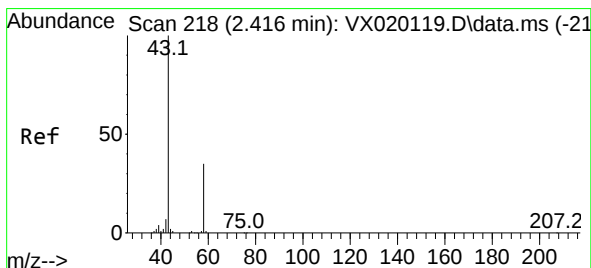
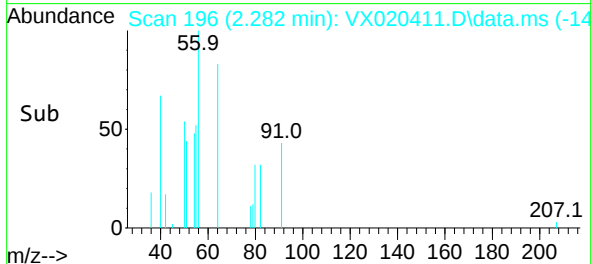
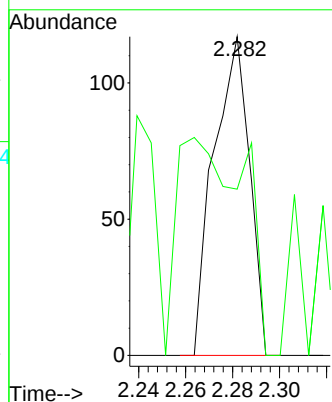
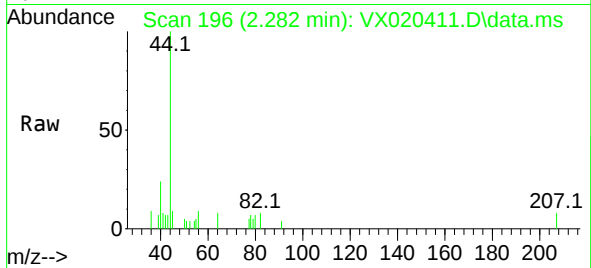




#13
Acrolein
Concen: 0.26 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

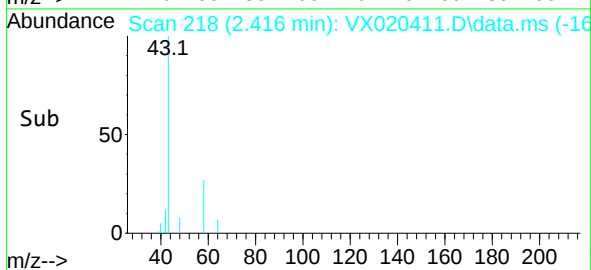
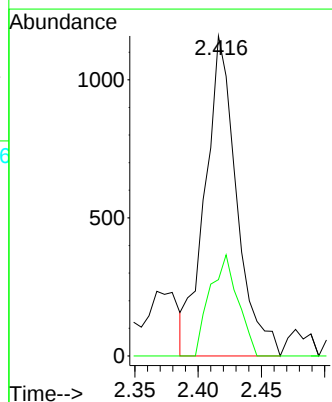
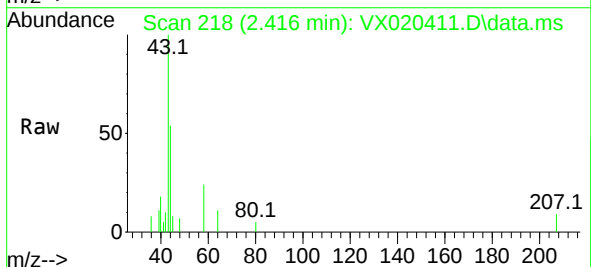
Instrument :
MSVOA_X
ClientSampleId :
SS013-13-6523-122320

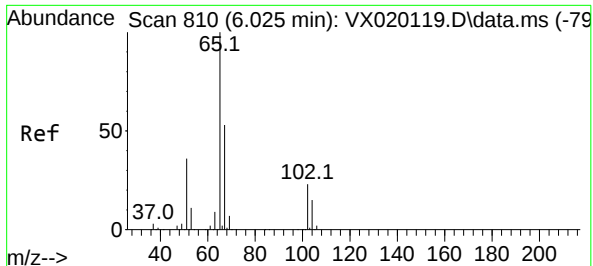
Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 128.5 56.4 84.6#



#16
Acetone
Concen: 1.32 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

Tgt Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
58 23.8 27.8 41.8#



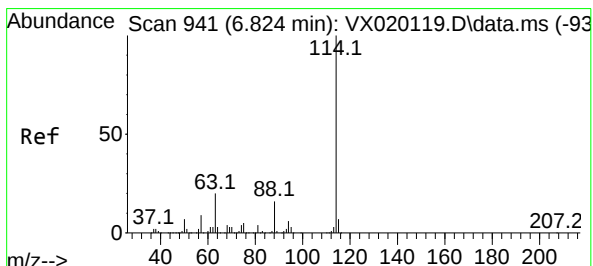
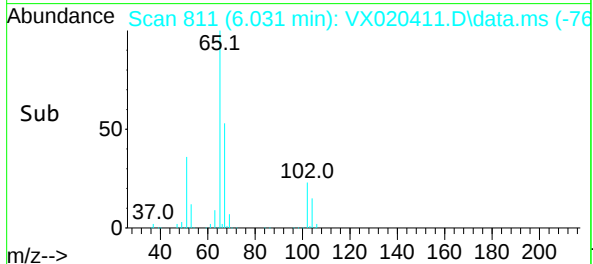
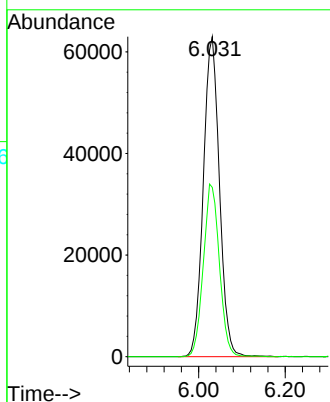
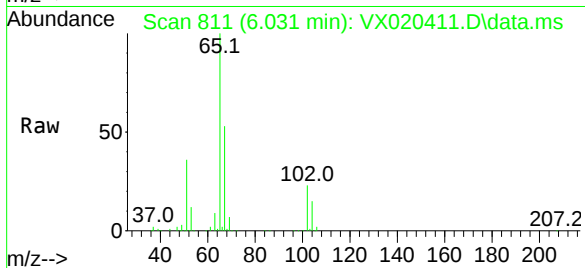


#33

1,2-Dichloroethane-d4
Concen: 48.53 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

Instrument :
MSVOA_X
ClientSampleId :
SS013-13-6523-122320

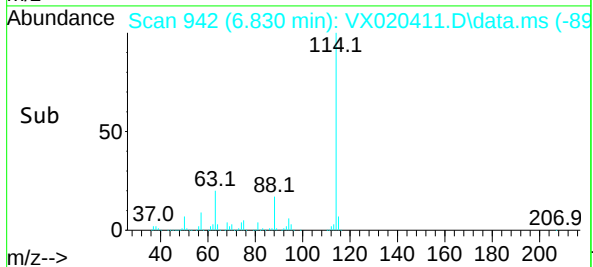
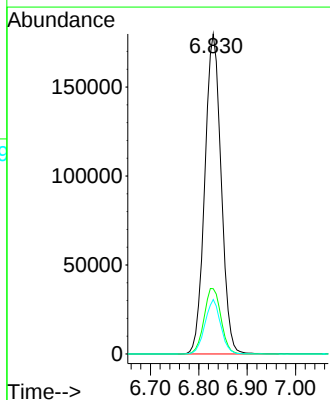
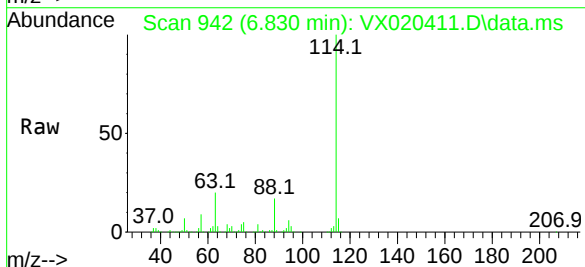
Tgt Ion: 65 Resp: 162629
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.4

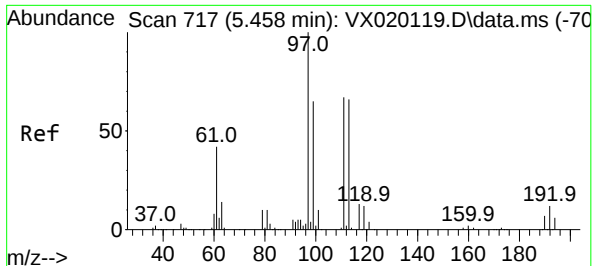


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

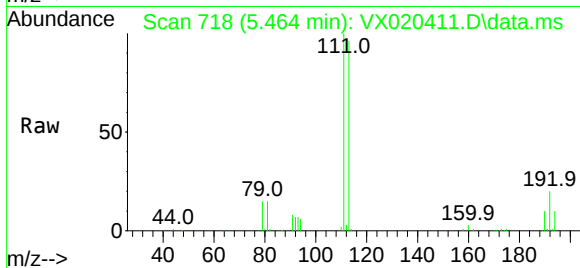
Tgt Ion: 114 Resp: 421865
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 17.0 0.0 32.8



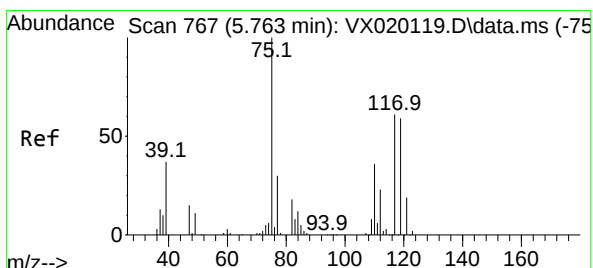
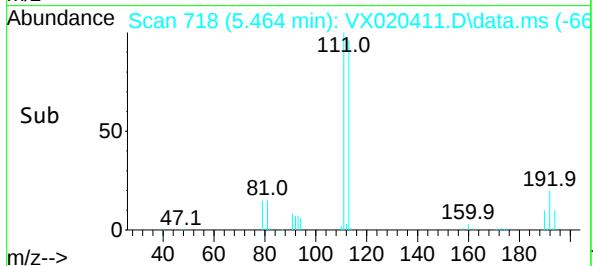
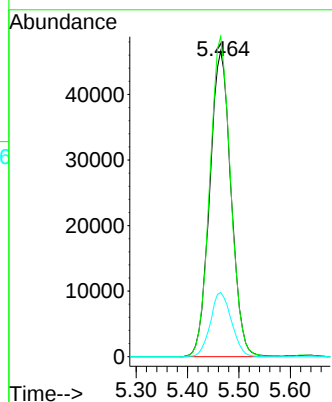


#35
Dibromofluoromethane
Concen: 49.70 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

Instrument :
MSVOA_X
ClientSampleId :
SS013-13-6523-122320

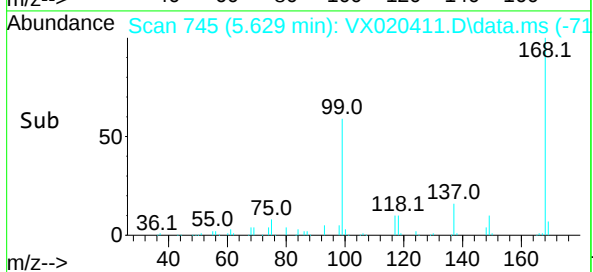
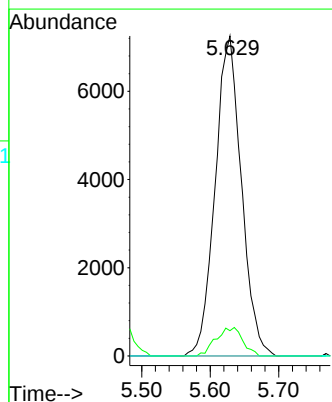
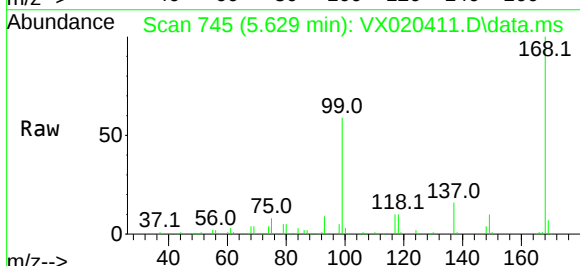


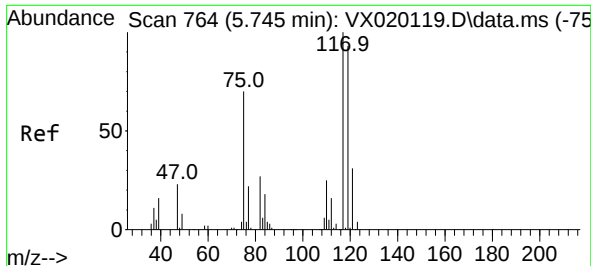
Tgt Ion:113 Resp: 134125
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

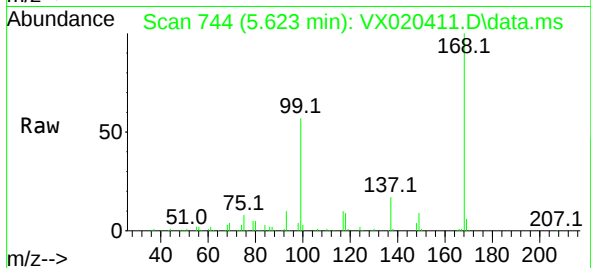
Tgt Ion: 75 Resp: 19277
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



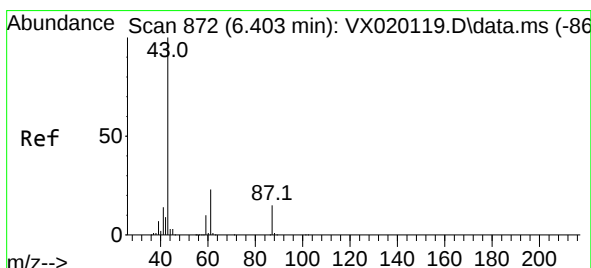
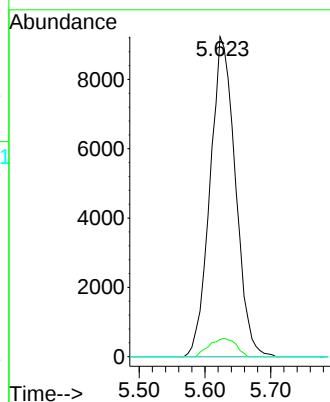
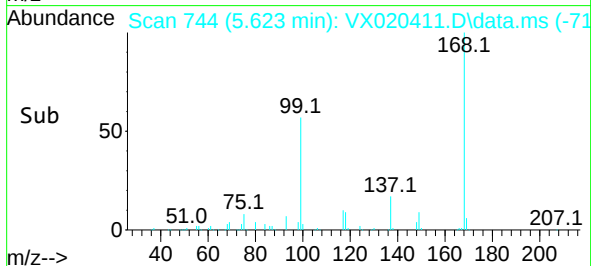


#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

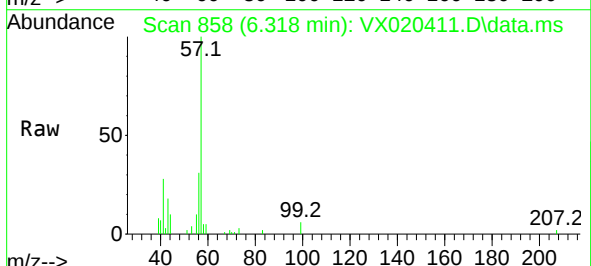
Instrument :
MSVOA_X
ClientSampleId :
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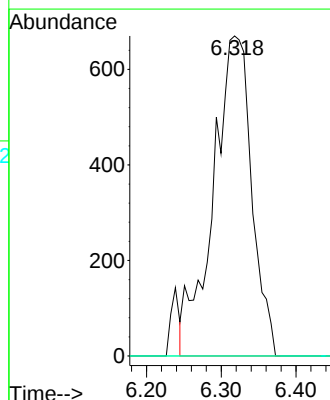
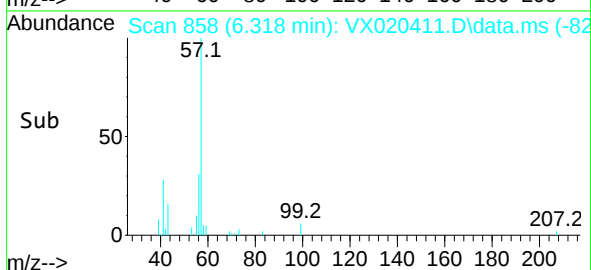
Tgt Ion:117 Resp: 24705
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

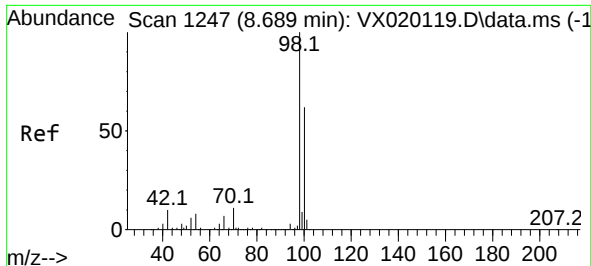


#43
Isopropyl Acetate
Concen: 0.35 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.085 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22



Tgt Ion: 43 Resp: 2407
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

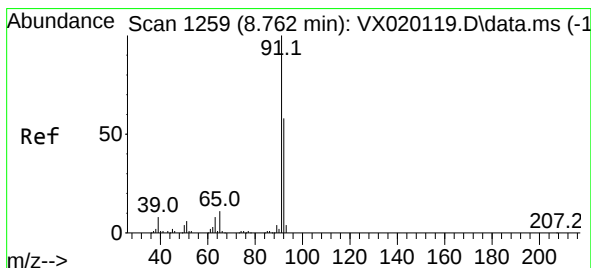
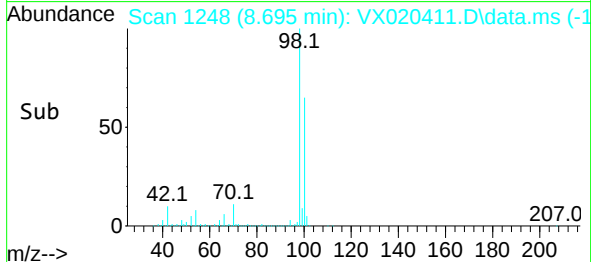
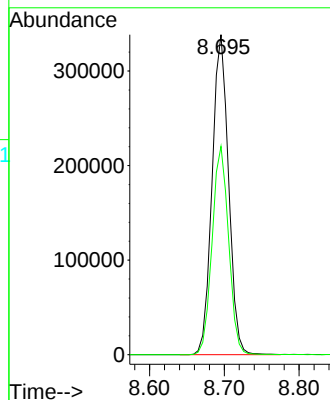
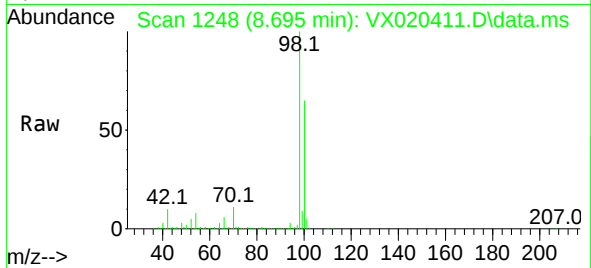




#50
Toluene-d8
Concen: 49.71 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

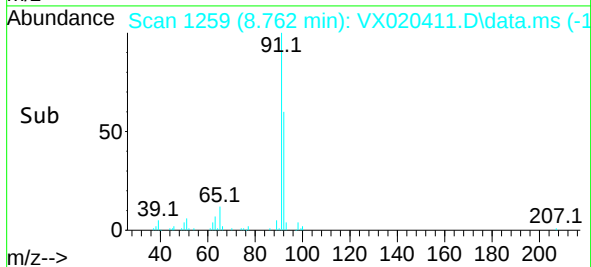
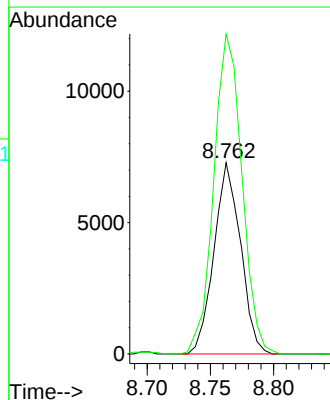
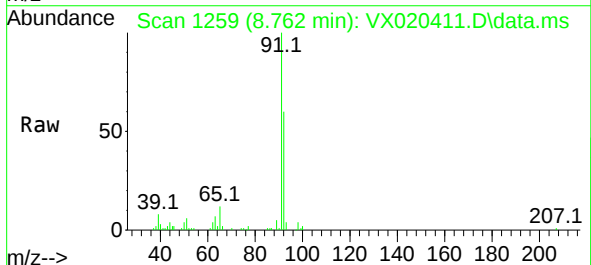
Instrument :
MSVOA_X
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SS013-13-6523-122320

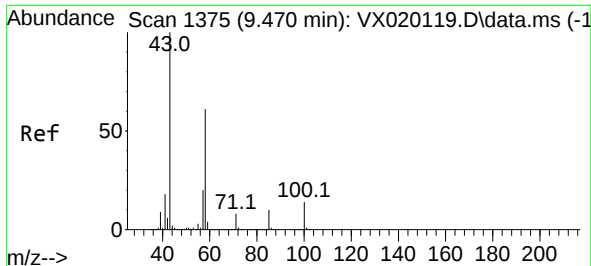
Tgt Ion: 98 Resp: 516355
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#52
Toluene
Concen: 1.34 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

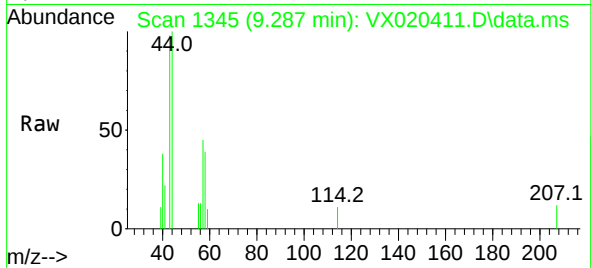
Tgt Ion: 92 Resp: 10624
Ion Ratio Lower Upper
92 100
91 177.5 137.1 205.7



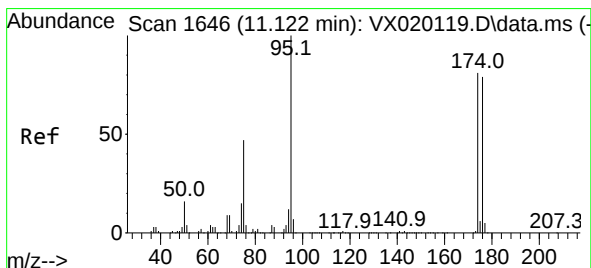
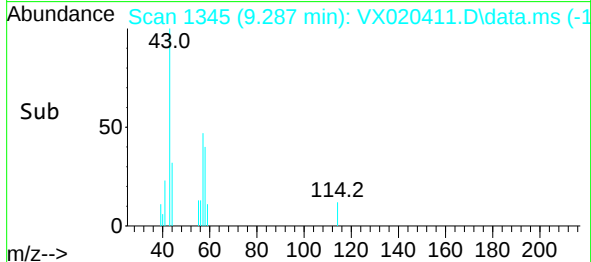
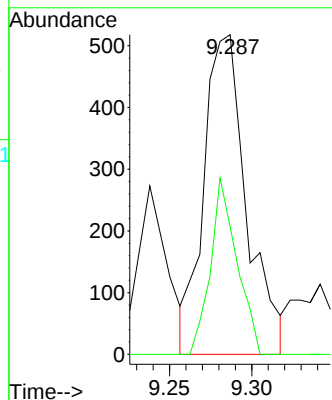


#59
2-Hexanone
Concen: 0.29 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.183 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

Instrument :
MSVOA_X
ClientSampleId :
SS013-13-6523-122320

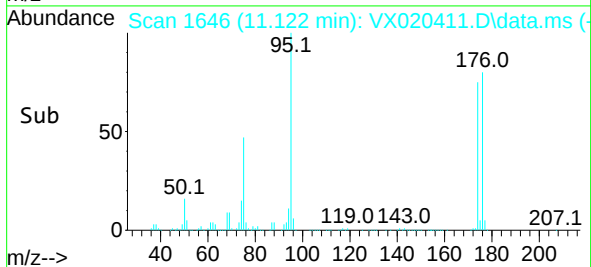
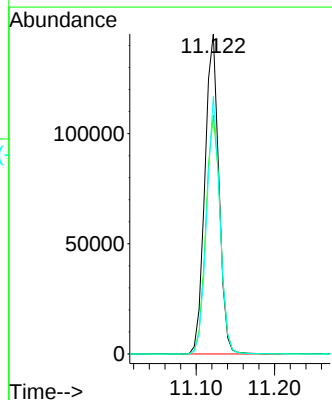
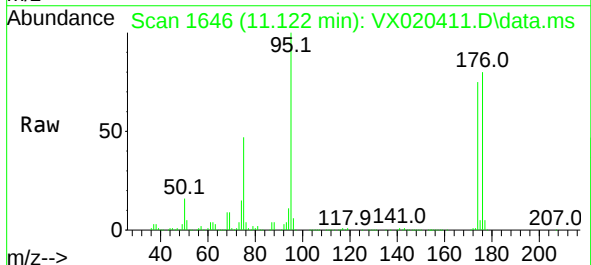


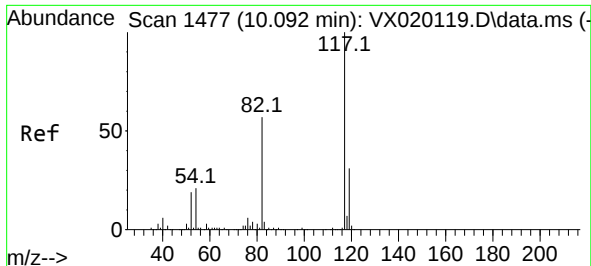
Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 34.1 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 45.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

Tgt Ion: 95 Resp: 179990
Ion Ratio Lower Upper
95 100
174 76.4 0.0 154.6
176 75.7 0.0 155.8

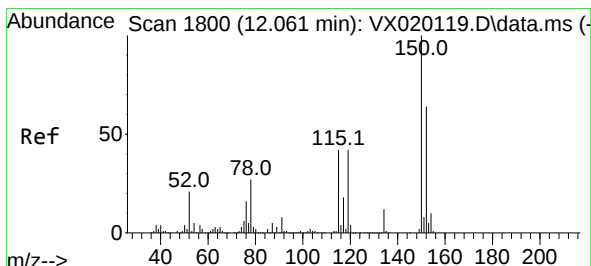
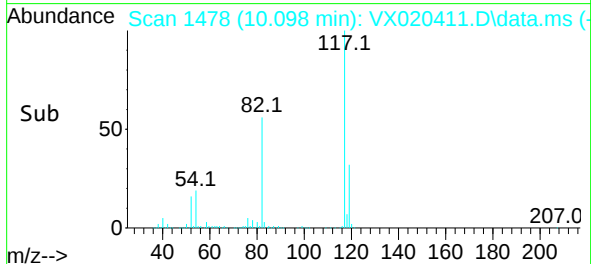
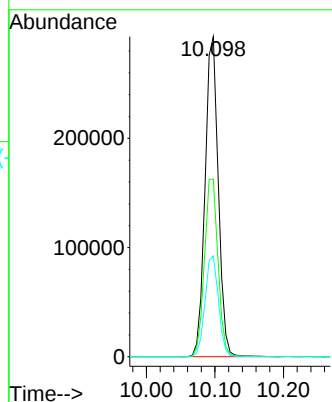
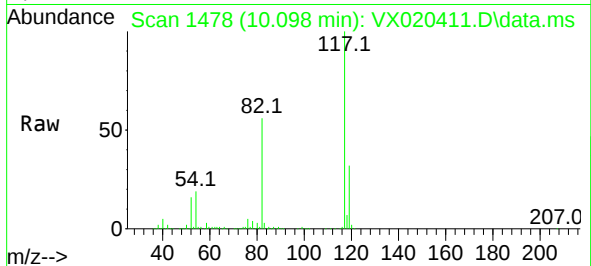




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

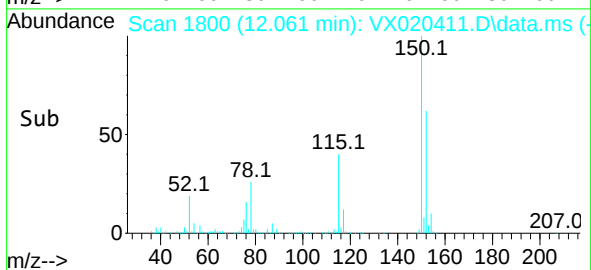
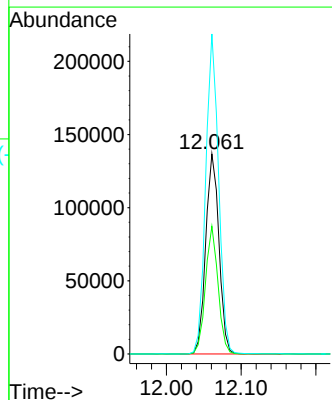
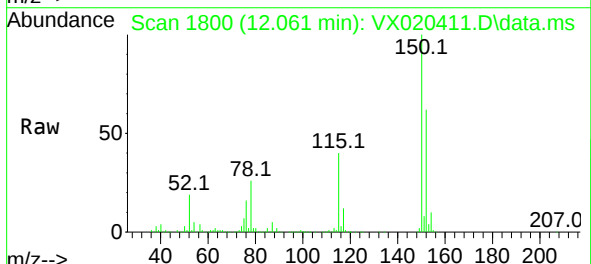
Instrument :
MSVOA_X
ClientSampleId :
SS013-13-6523-122320

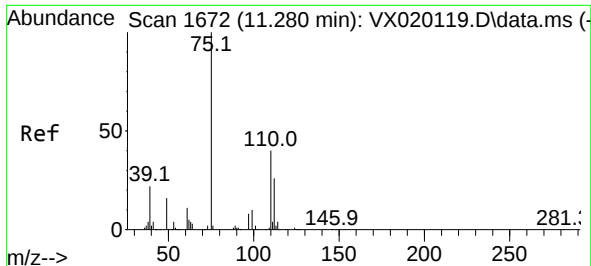
Tgt Ion:117 Resp: 393712
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

Tgt Ion:152 Resp: 168200
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 155.6 0.0 349.0

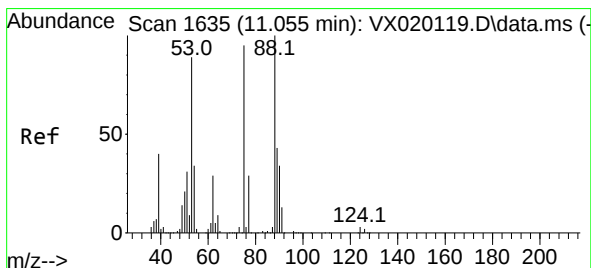
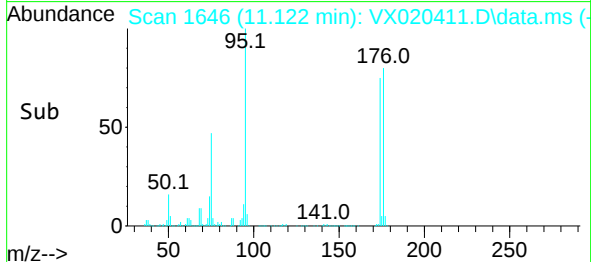
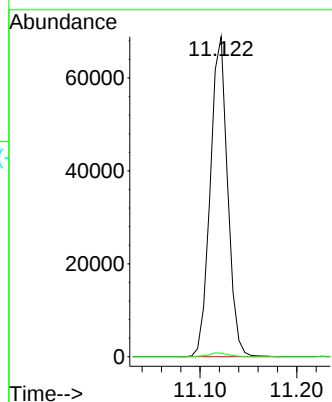
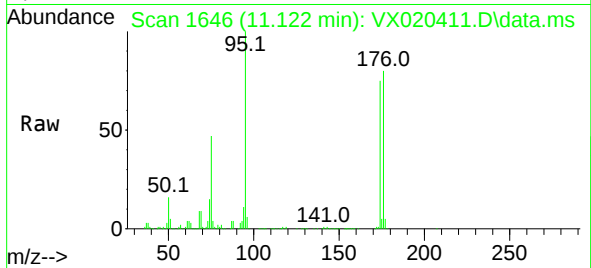




#76
1,2,3-Trichloropropane
Concen: 20.74 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

Instrument :
MSVOA_X
ClientSampleId :
SS013-13-6523-122320

Tgt Ion: 75 Resp: 85931
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.53 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020411.D
Acq: 28 Dec 2020 14:22

Tgt Ion: 75 Resp: 85931
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

