

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
 Data File : VX020406.D
 Acq On : 28 Dec 2020 12:25
 Operator : JC/MD
 Sample : L5216-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 29 00:38:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

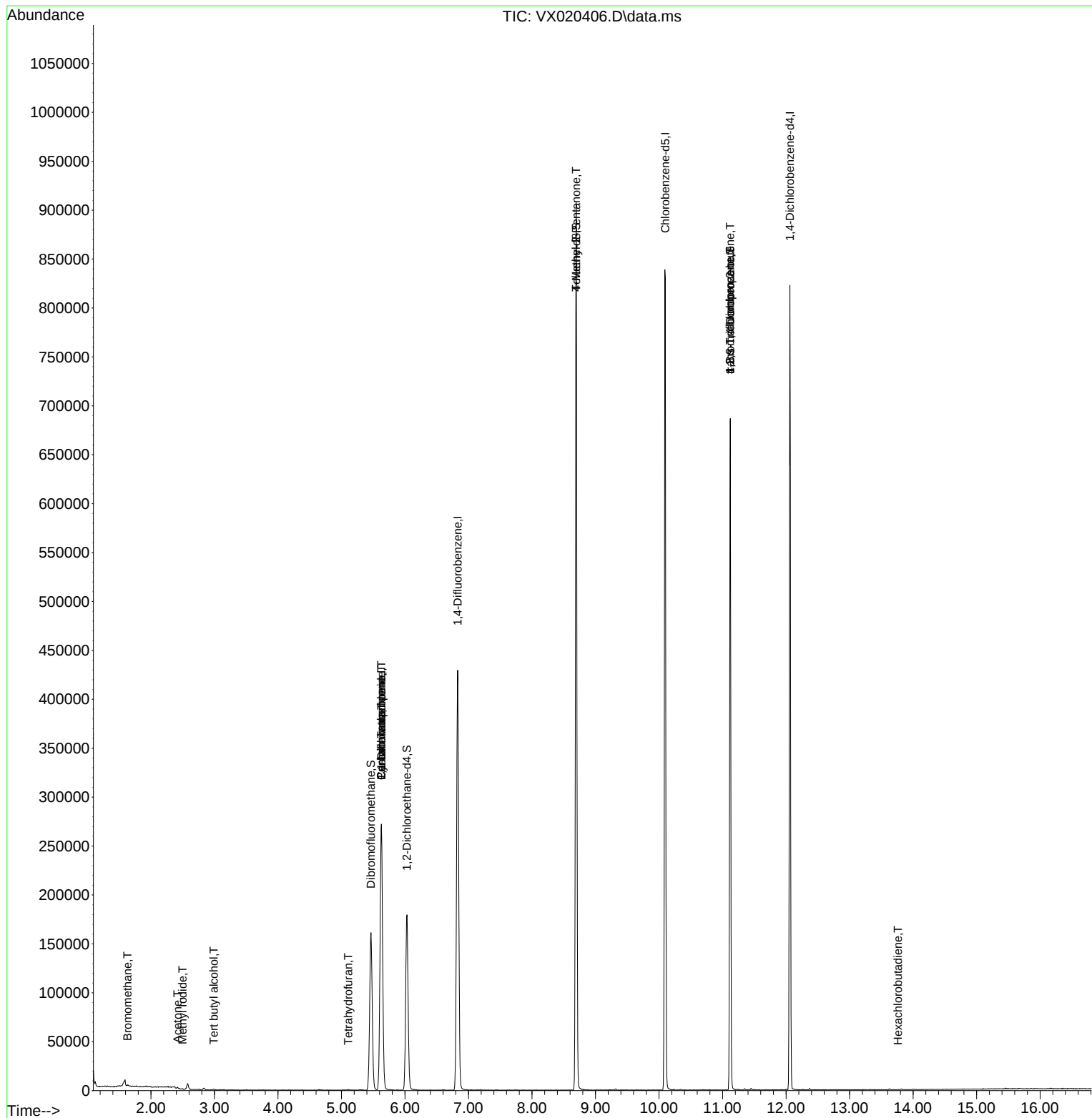
Internal Standards						
1) Pentafluorobenzene	5.629	168	258828	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	432942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	406818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	169718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	171421	49.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.82%		
35) Dibromofluoromethane	5.464	113	138693	50.08	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.16%		
50) Toluene-d8	8.695	98	526973	49.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.86%		
62) 4-Bromofluorobenzene	11.122	95	181971	44.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.20%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	626	0.55	ug/l	86
10) Methyl Iodide	2.495	142	822	3.51	ug/l #	91
11) Tert butyl alcohol	2.989	59	586	0.75	ug/l #	73
16) Acetone	2.416	43	1734	1.10	ug/l	97
29) Tetrahydrofuran	5.105	42	521	0.36	ug/l #	56
31) Cyclohexane	5.629	56	5285	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20344	4.75	ug/l #	48
38) Carbon Tetrachloride	5.629	117	25320	6.22	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	2099	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	88741	21.23	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	88741	62.98	ug/l #	12
94) Hexachlorobutadiene	13.762	225	106	2.71	ug/l #	48

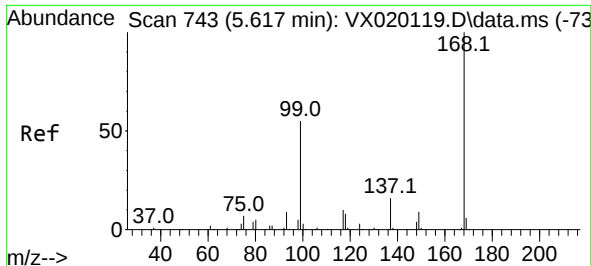
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

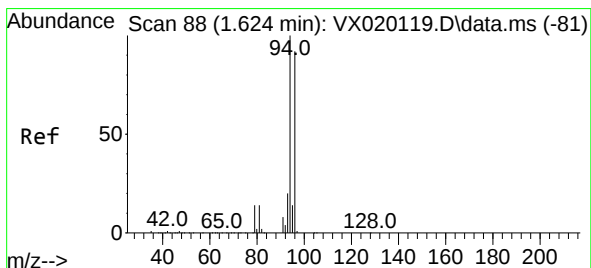
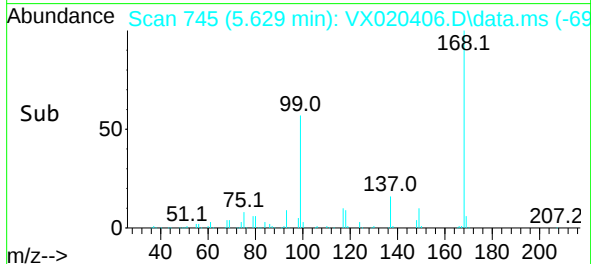
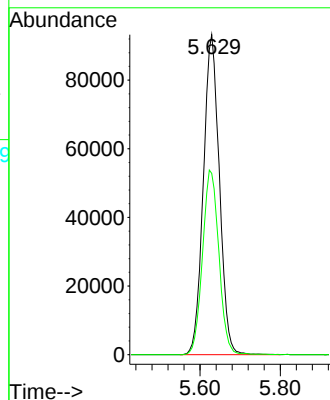
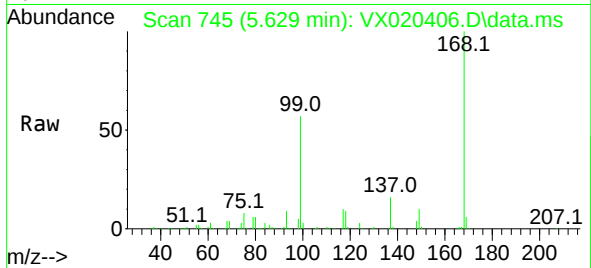




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

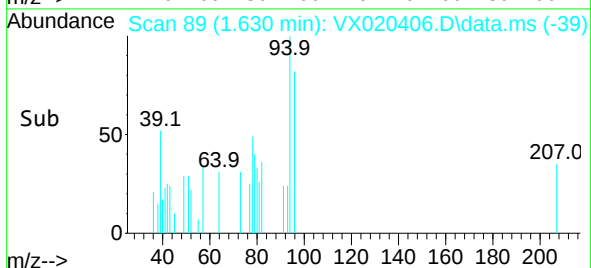
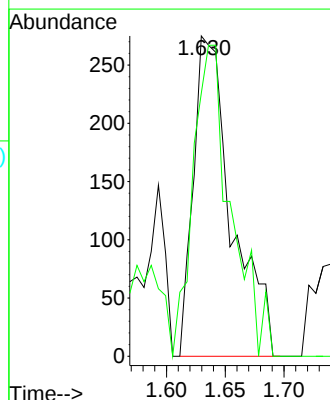
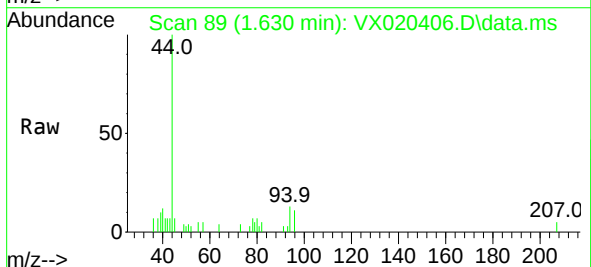
Instrument :
MSVOA_X
ClientSampled :

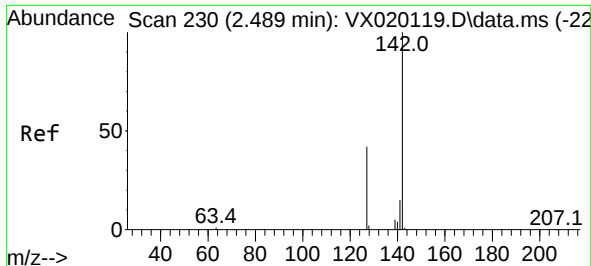
Tgt Ion:168 Resp: 258828
Ion Ratio Lower Upper
168 100
99 56.7 45.8 68.6



#5
Bromomethane
Concen: 0.55 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

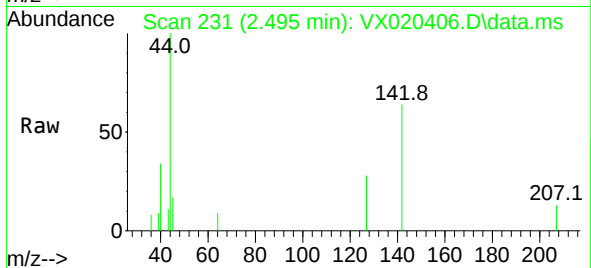
Tgt Ion: 94 Resp: 626
Ion Ratio Lower Upper
94 100
96 82.2 76.4 114.6



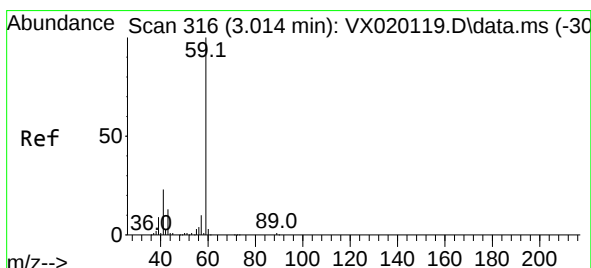
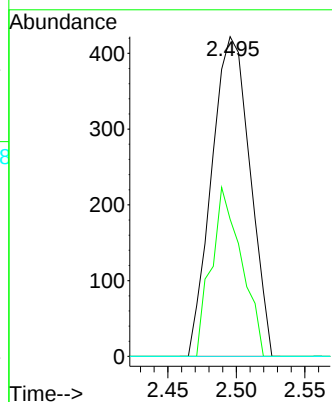
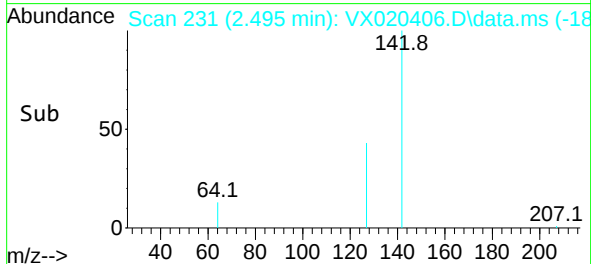


#10
Methyl Iodide
Concen: 3.51 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

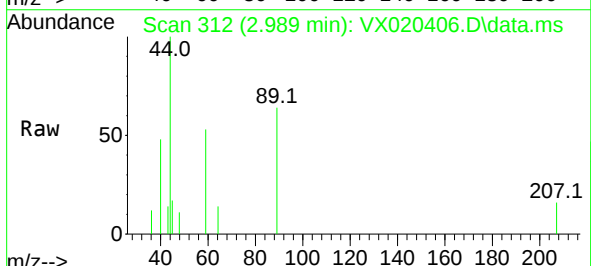
Instrument :
MSVOA_X
ClientSampled :



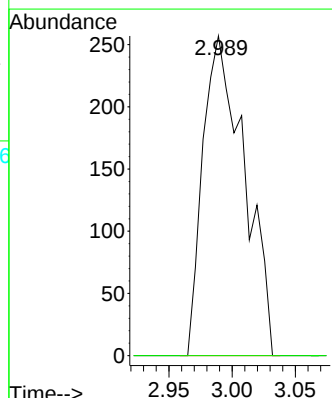
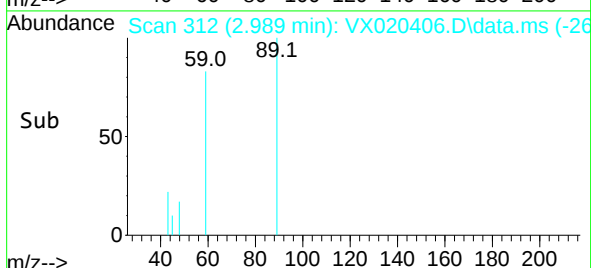
Tgt Ion:142 Resp: 822
Ion Ratio Lower Upper
142 100
127 41.6 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.75 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25



Tgt Ion: 59 Resp: 586
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

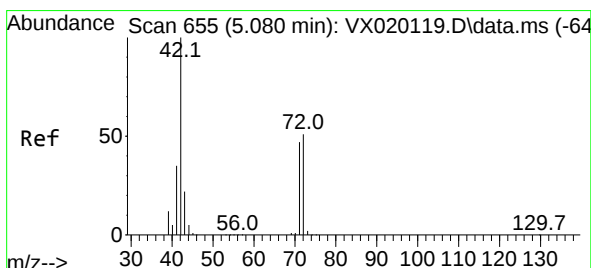
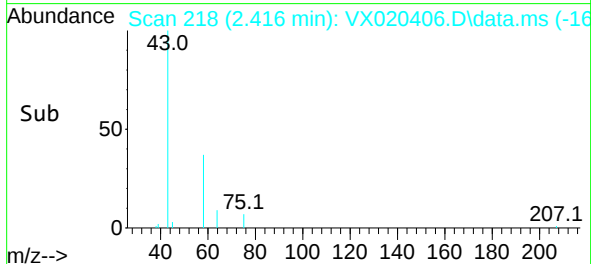
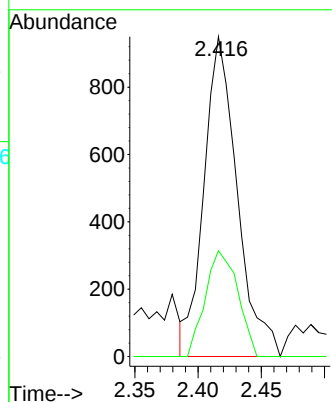
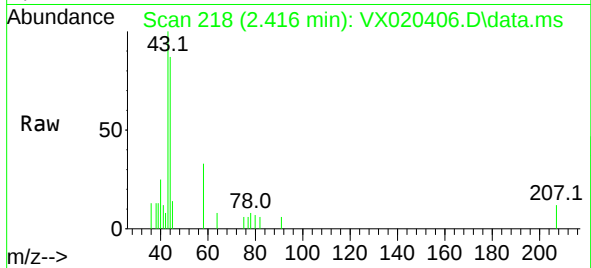




#16
Acetone
Concen: 1.10 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

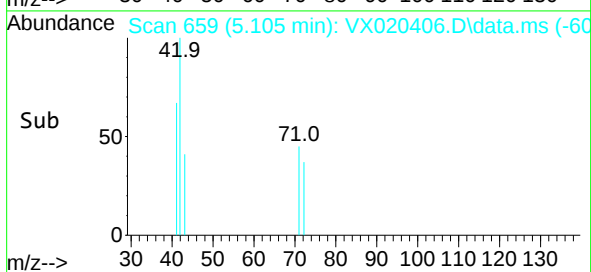
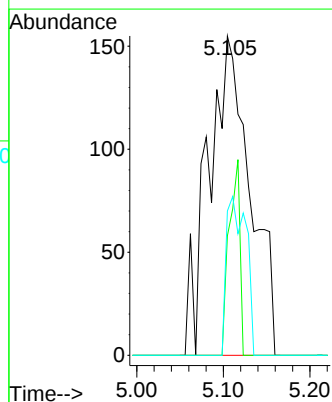
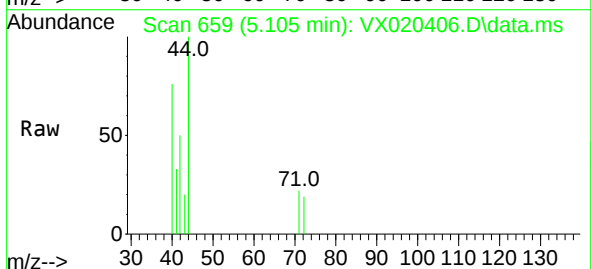
Instrument :
MSVOA_X
ClientSampled :

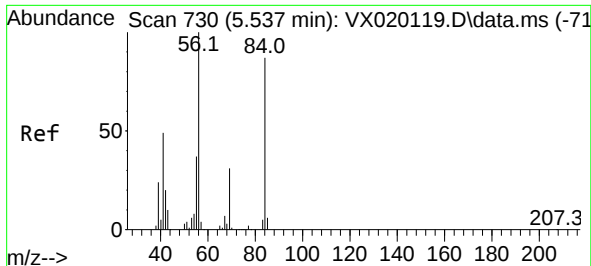
Tgt Ion: 43 Resp: 1734
Ion Ratio Lower Upper
43 100
58 33.1 27.8 41.8



#29
Tetrahydrofuran
Concen: 0.36 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.025 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

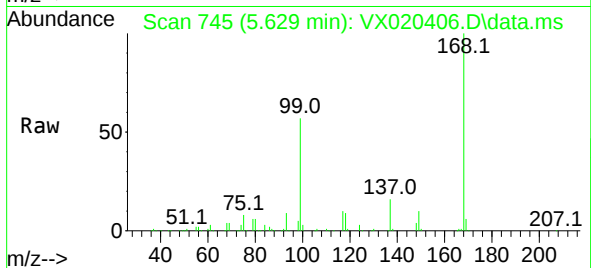
Tgt Ion: 42 Resp: 521
Ion Ratio Lower Upper
42 100
72 15.7 41.7 62.5#
71 23.4 38.4 57.6#



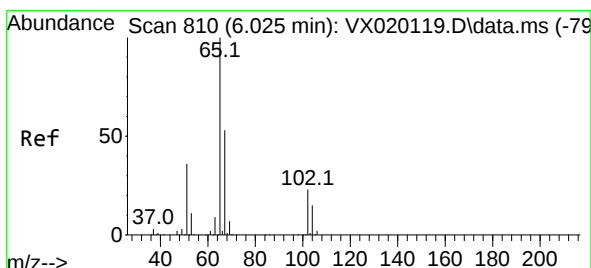
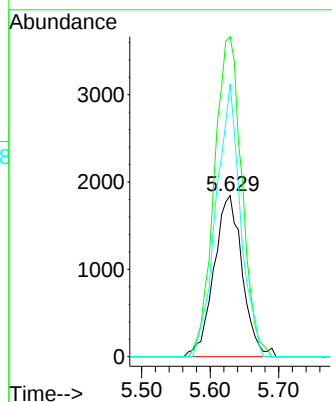
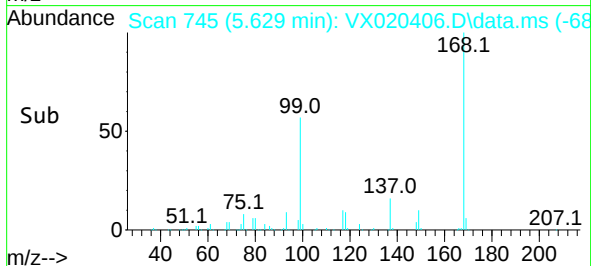


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

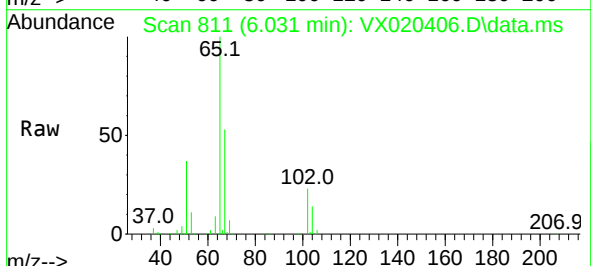
Instrument :
MSVOA_X
ClientSampleId :



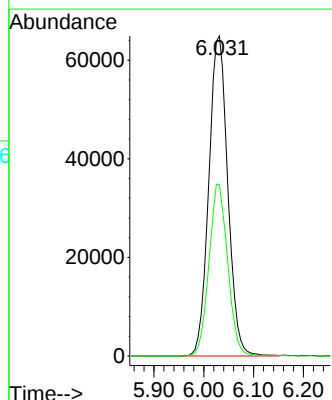
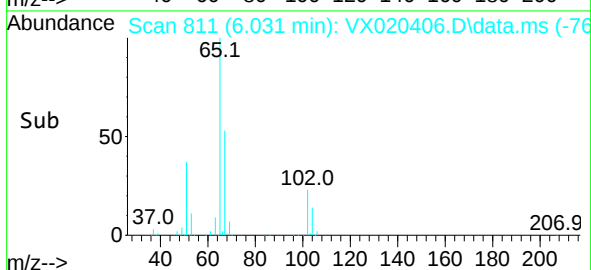
Tgt Ion: 56 Resp: 5285
Ion Ratio Lower Upper
56 100
69 198.5 25.3 37.9#
84 169.3 71.4 107.0#

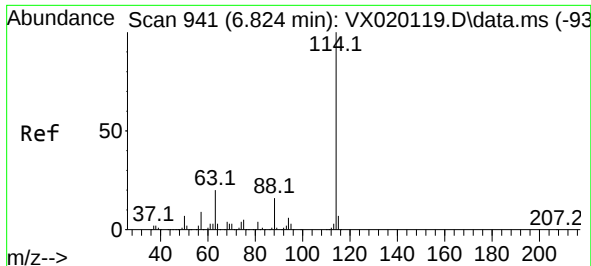


#33
1,2-Dichloroethane-d4
Concen: 49.41 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25



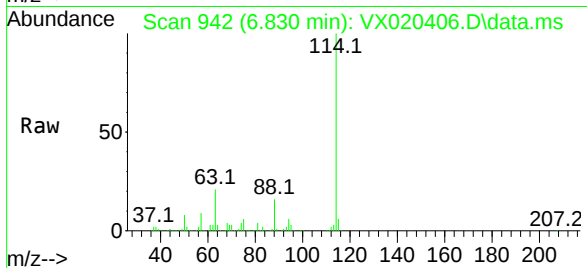
Tgt Ion: 65 Resp: 171421
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



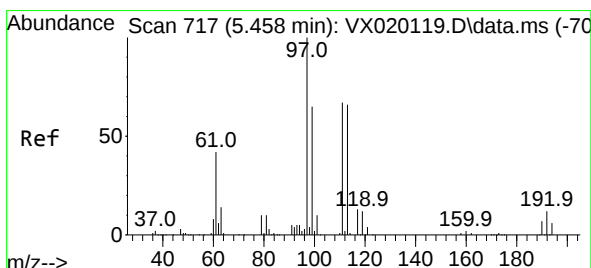
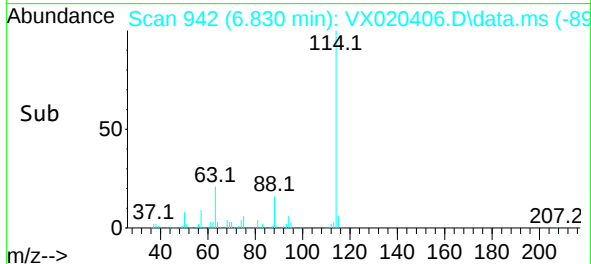
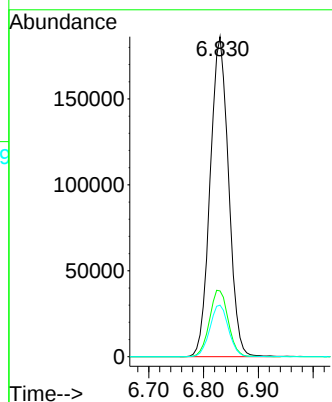


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

Instrument :
MSVOA_X
ClientSampled :

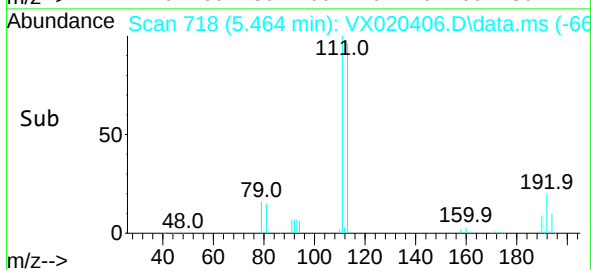
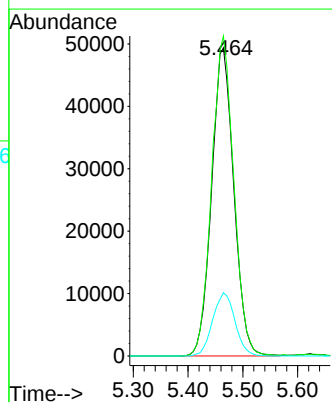
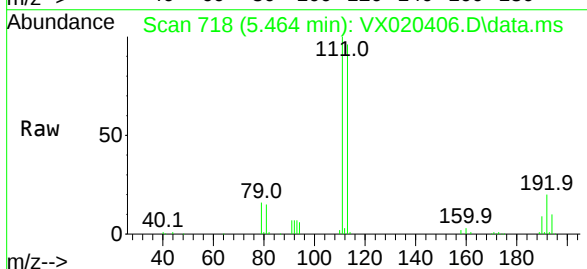


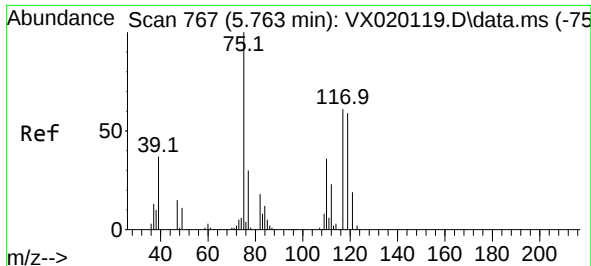
Tgt Ion:114 Resp: 432942
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.08 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

Tgt Ion:113 Resp: 138693
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.6 16.7 25.1

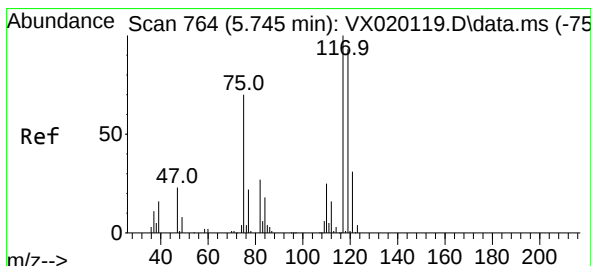
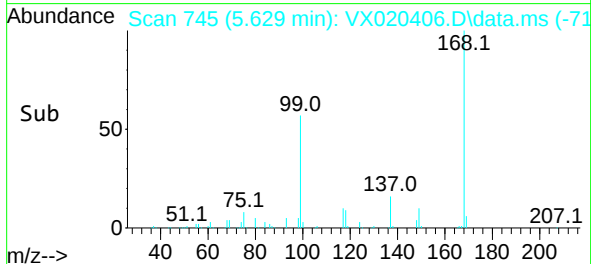
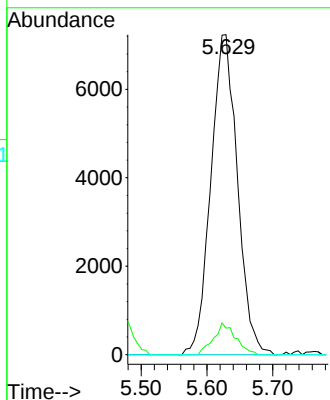
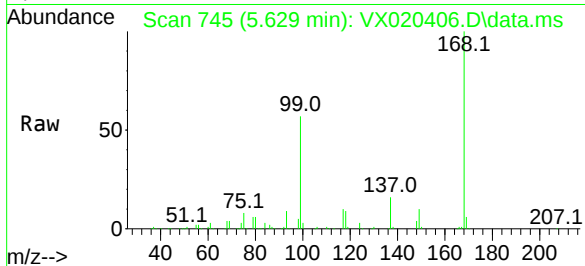




#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

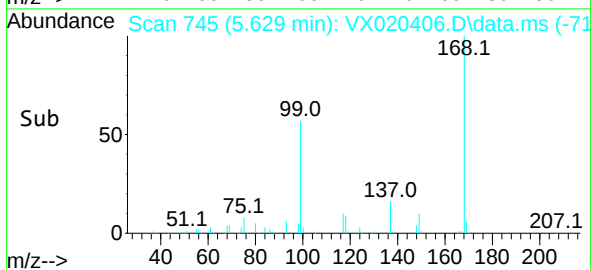
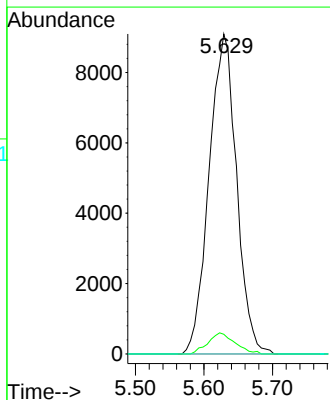
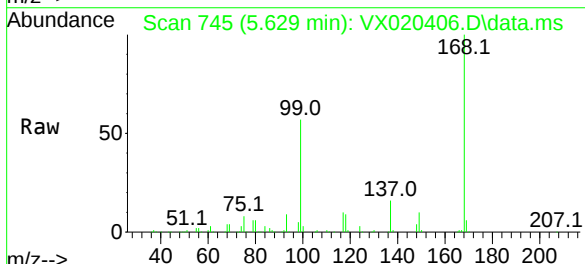
Instrument :
MSVOA_X
ClientSampled :

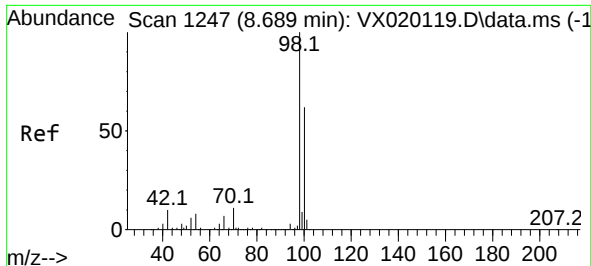
Tgt Ion: 75 Resp: 20344
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

Tgt Ion: 117 Resp: 25320
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

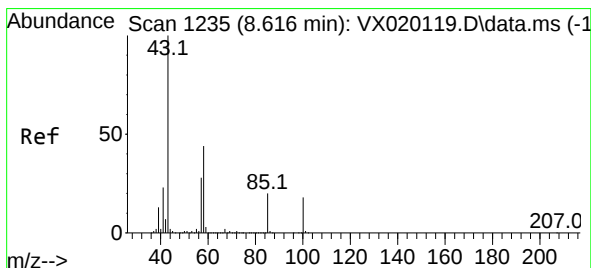
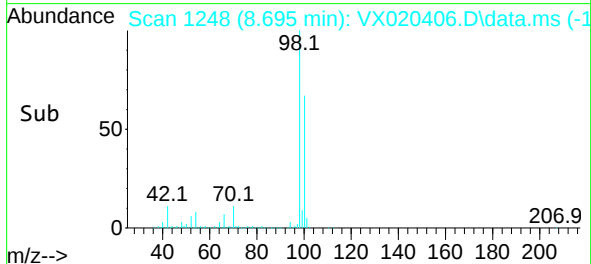
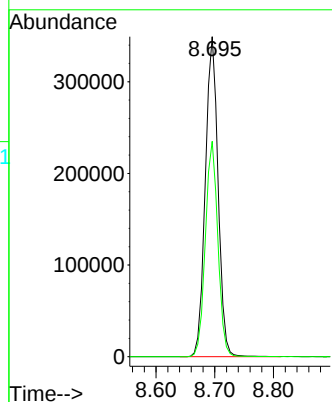
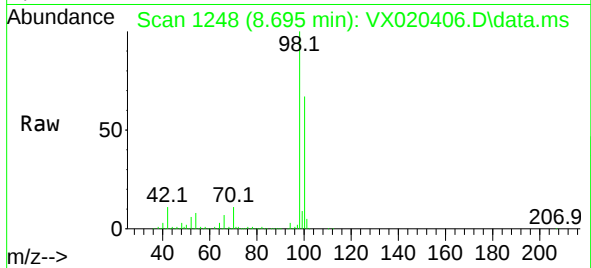




#50
Toluene-d8
Concen: 49.43 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

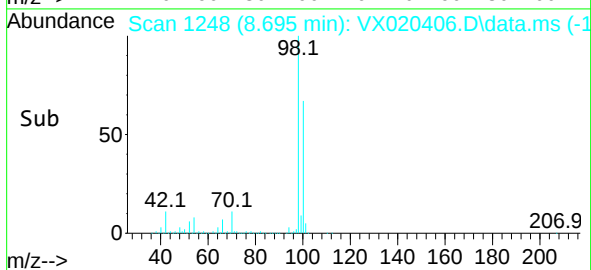
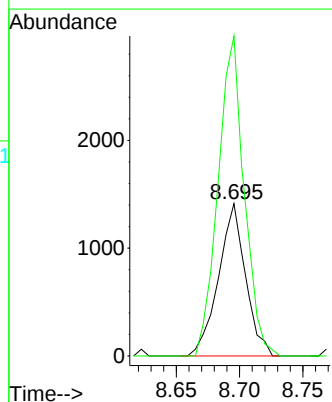
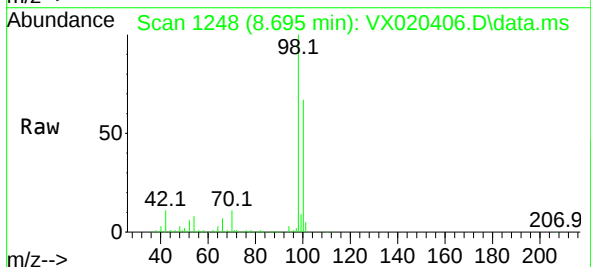
Instrument :
MSVOA_X
ClientSampled :

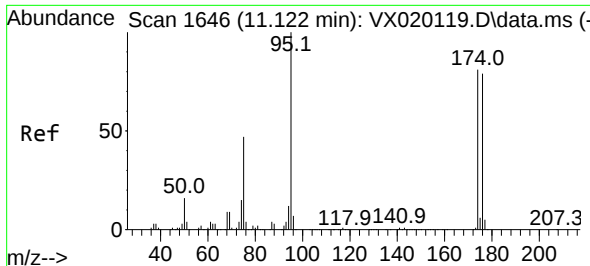
Tgt Ion: 98 Resp: 526973
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

Tgt Ion: 43 Resp: 2099
Ion Ratio Lower Upper
43 100
58 202.8 35.4 53.0#

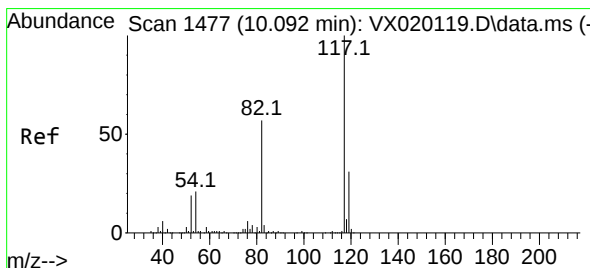
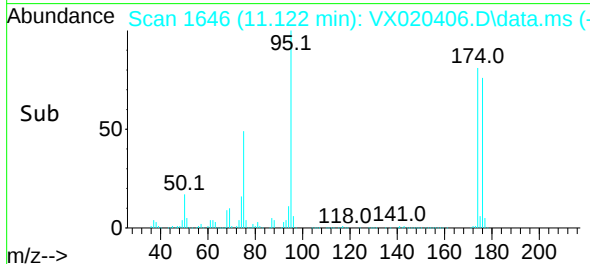
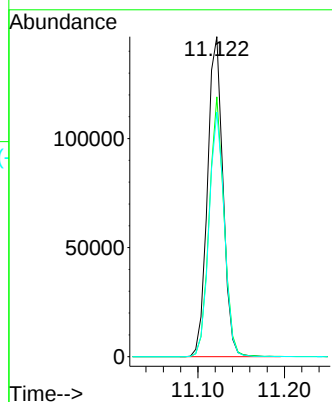
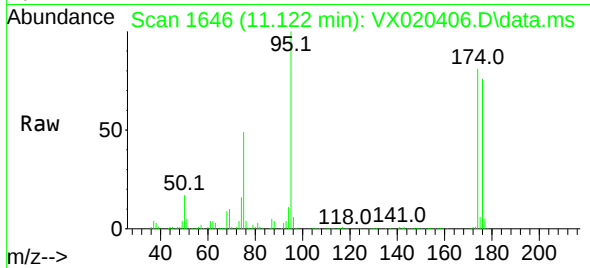




#62
4-Bromofluorobenzene
Concen: 44.60 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

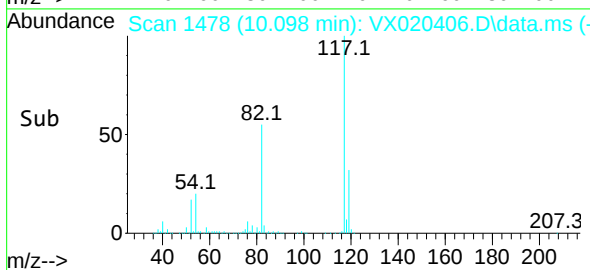
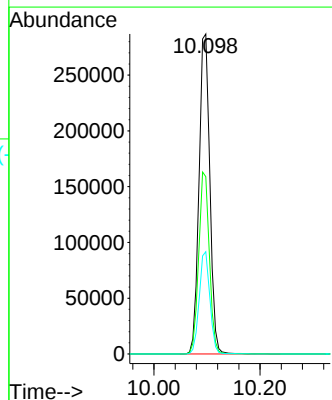
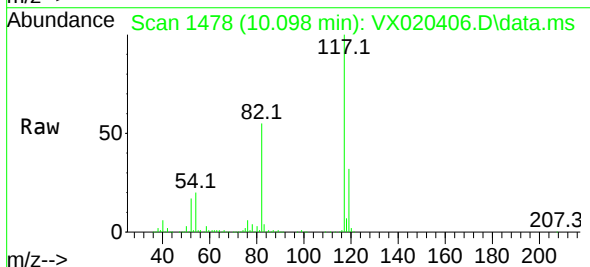
Instrument :
MSVOA_X
ClientSampled :

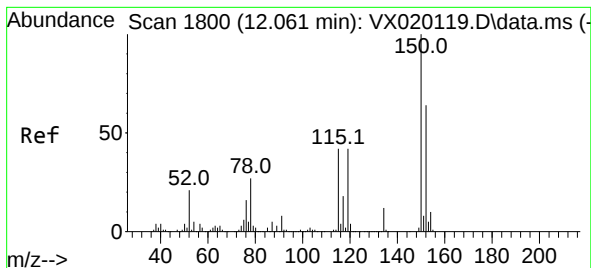
Tgt Ion: 95 Resp: 181971
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

Tgt Ion: 117 Resp: 406818
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 31.9 26.6 39.8

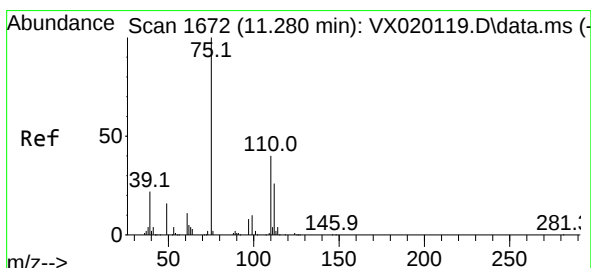
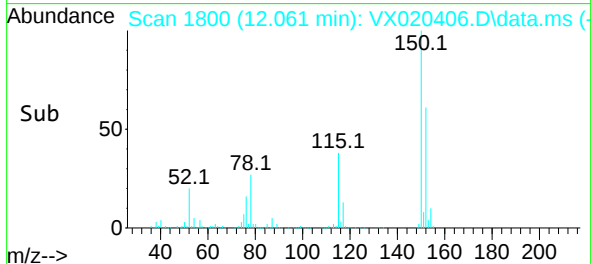
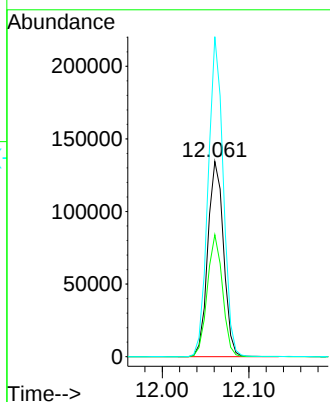
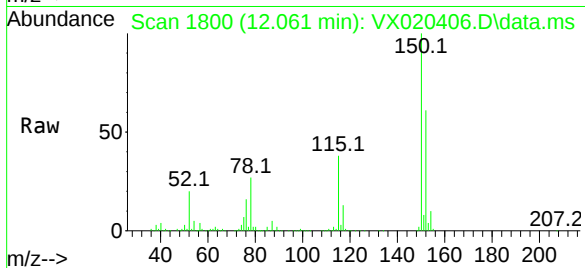




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

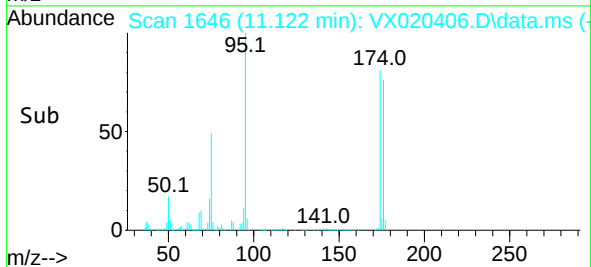
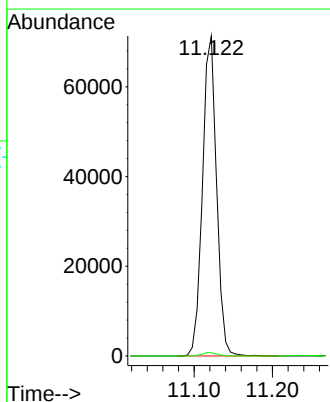
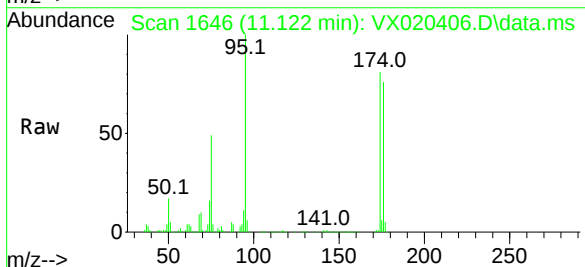
Instrument :
MSVOA_X
ClientSampled :

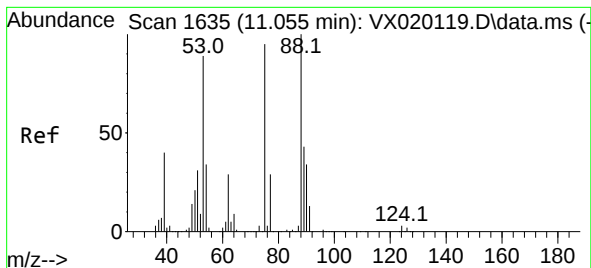
Tgt Ion:152 Resp: 169718
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 157.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.23 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

Tgt Ion: 75 Resp: 88741
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

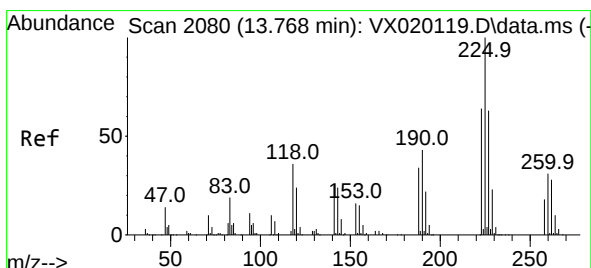
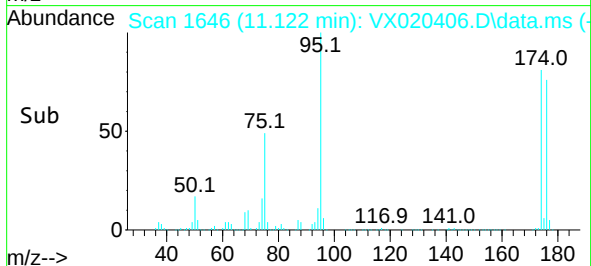
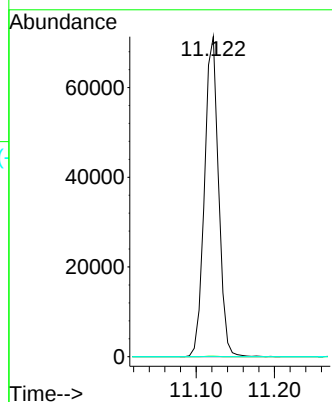
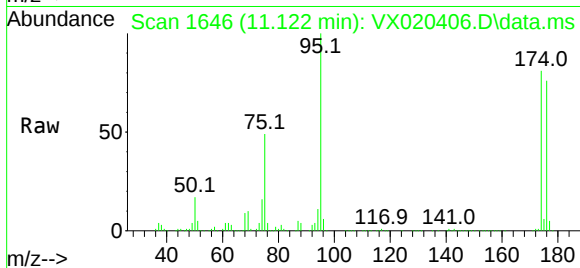




#81
trans-1,4-Dichloro-2-butene
Concen: 62.98 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 88741
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.71 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020406.D
Acq: 28 Dec 2020 12:25

Tgt Ion: 225 Resp: 106
Ion Ratio Lower Upper
225 100
223 45.3 31.1 93.2
227 0.0 31.6 95.0#

