

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
 Data File : VX020410.D
 Acq On : 28 Dec 2020 13:59
 Operator : JC/MD
 Sample : L5219-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 29 00:39:27 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	255428	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	419556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	388826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	164601	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	159748	46.66	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.32%
35) Dibromofluoromethane	5.464	113	132892	49.51	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.02%
50) Toluene-d8	8.695	98	512096	49.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.14%
62) 4-Bromofluorobenzene	11.122	95	177042	44.78	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.56%

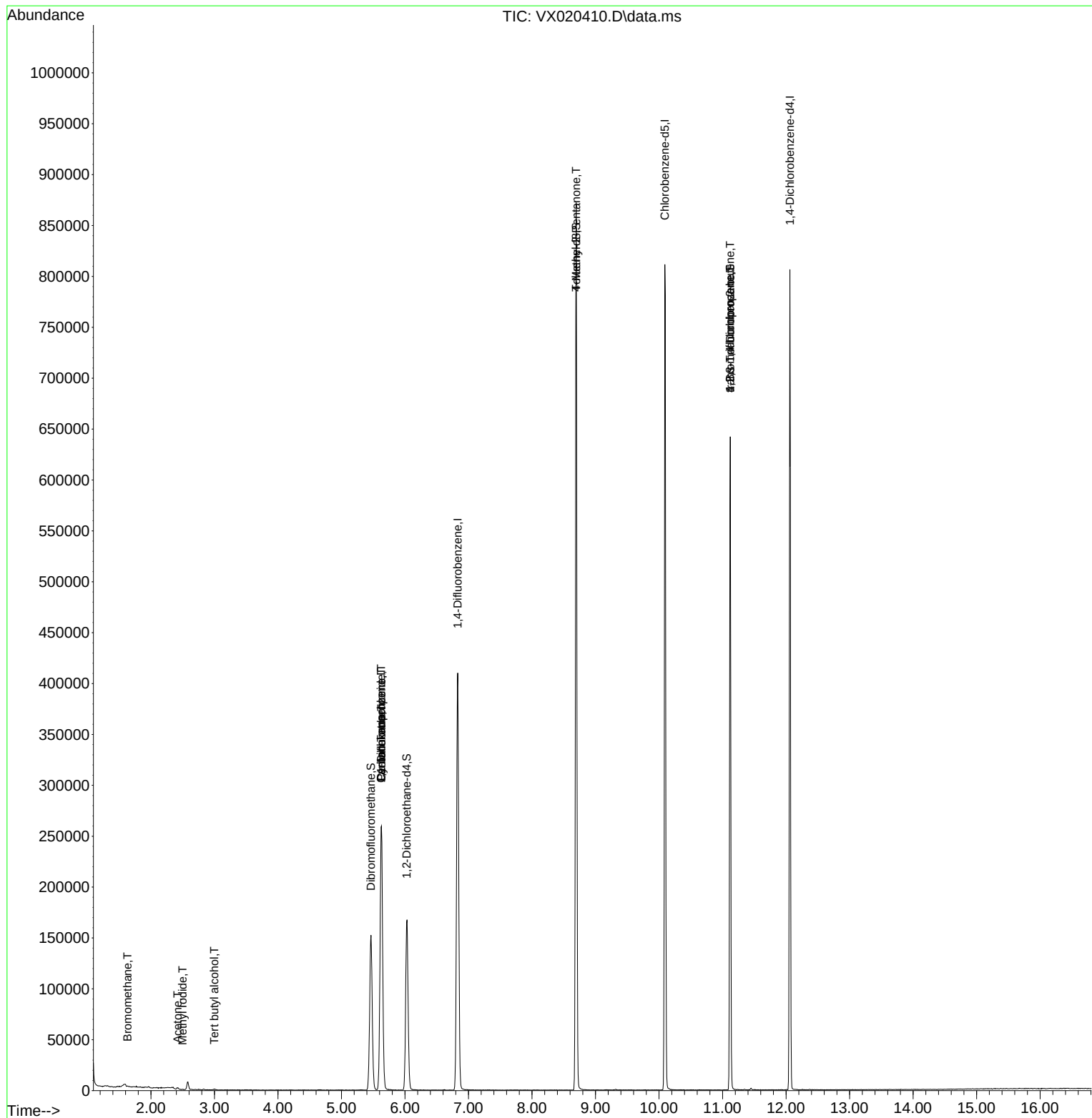
Target Compounds						Qvalue
5) Bromomethane	1.630	94	493	0.44	ug/l #	71
10) Methyl Iodide	2.495	142	315	3.37	ug/l #	62
11) Tert butyl alcohol	2.995	59	711	0.93	ug/l #	73
16) Acetone	2.416	43	1831	1.17	ug/l #	86
31) Cyclohexane	5.629	56	4520	0.96	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	19140	4.62	ug/l #	48
38) Carbon Tetrachloride	5.623	117	25124	6.37	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	1870	0.44	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	83108	20.50	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	83108	60.81	ug/l #	12

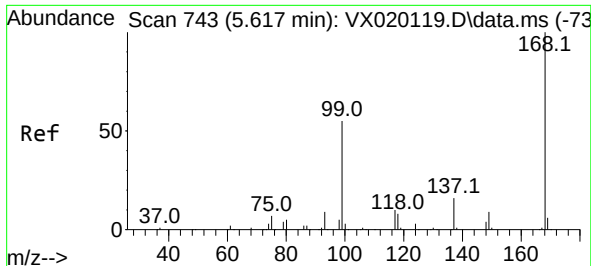
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
Data File : VX020410.D
Acq On : 28 Dec 2020 13:59
Operator : JC/MD
Sample : L5219-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 29 00:39:27 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

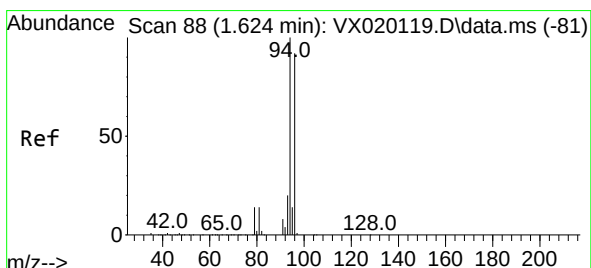
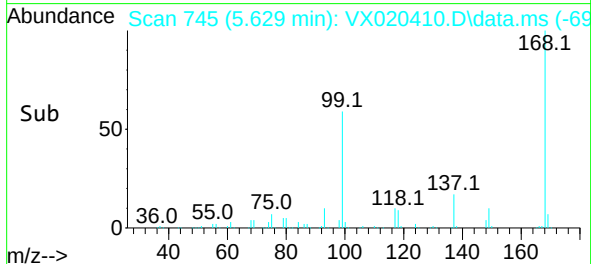
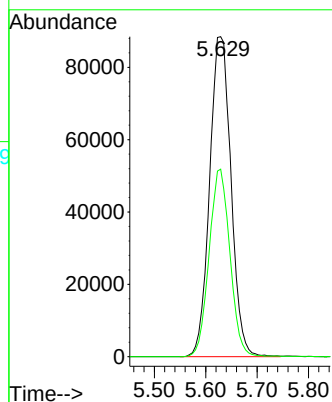
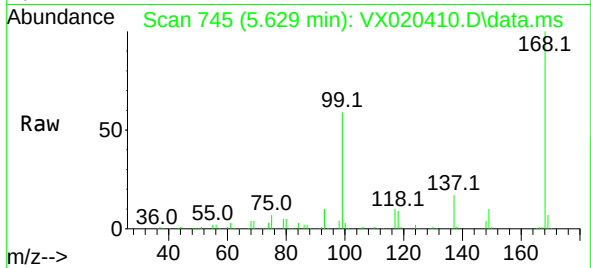




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

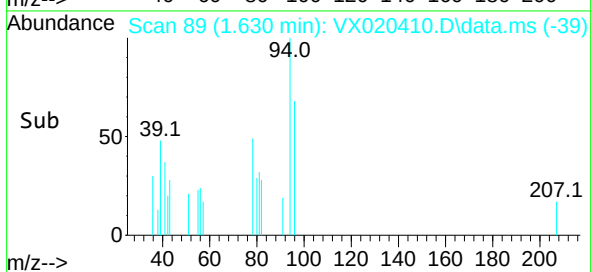
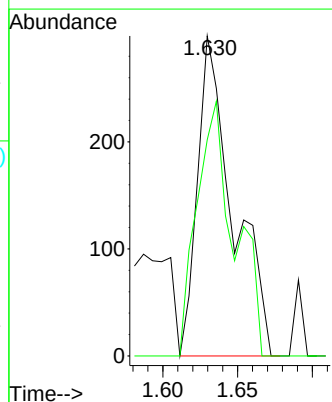
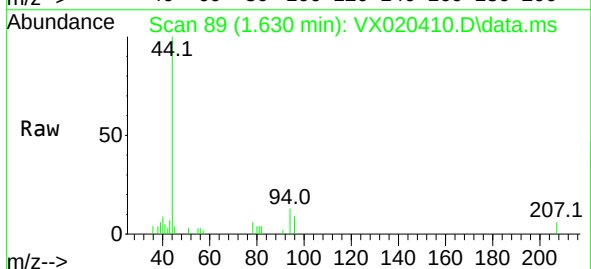
Instrument :
MSVOA_X
ClientSampleId :

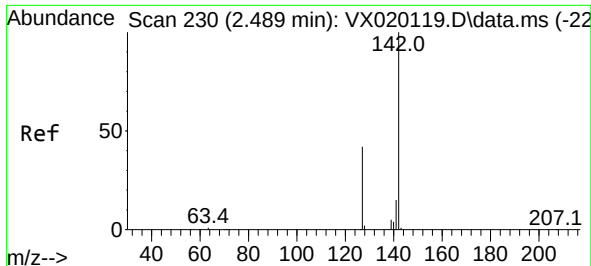
Tgt Ion:168 Resp: 255428
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

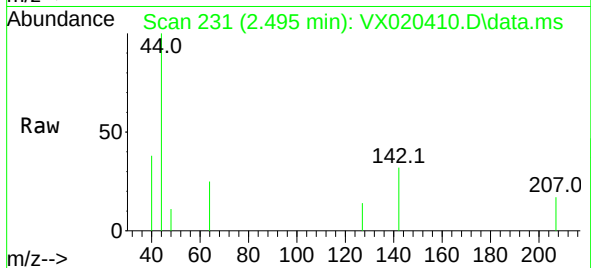
Tgt Ion: 94 Resp: 493
Ion Ratio Lower Upper
94 100
96 67.6 76.4 114.6#



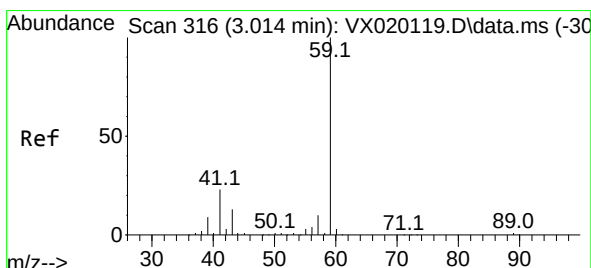
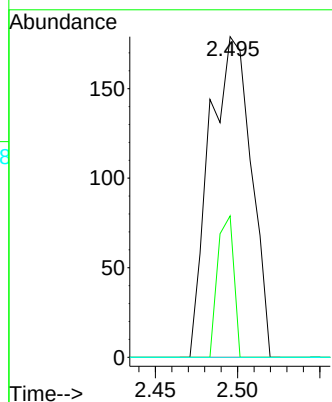
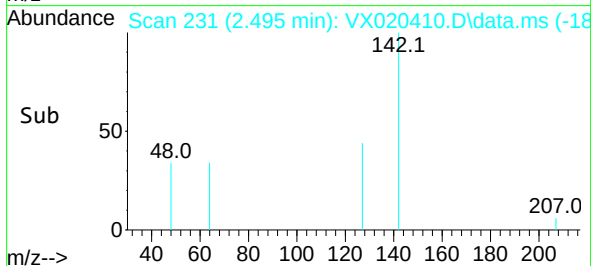


#10
Methyl Iodide
Concen: 3.37 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

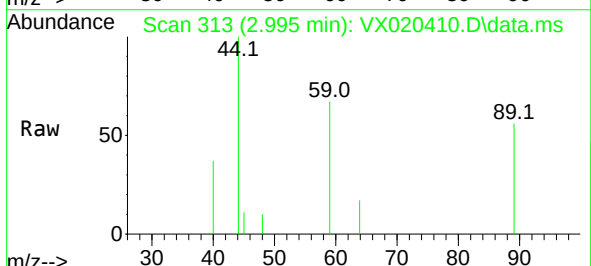
Instrument :
MSVOA_X
ClientSampleId :



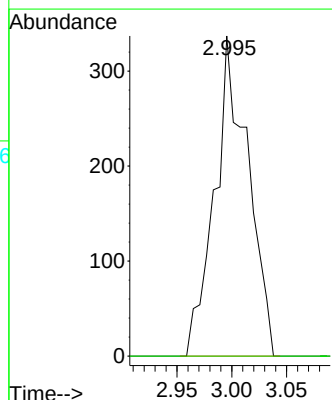
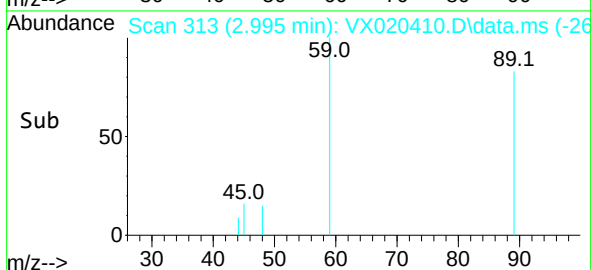
Tgt Ion:142 Resp: 315
Ion Ratio Lower Upper
142 100
127 17.1 33.3 49.9#
141 0.0 11.4 17.0#

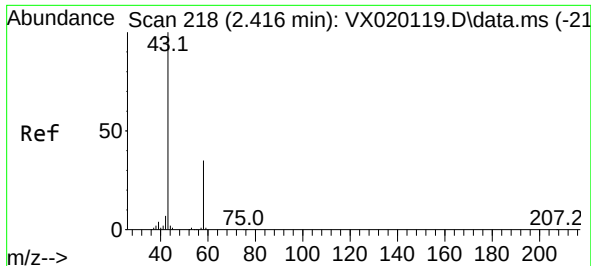


#11
Tert butyl alcohol
Concen: 0.93 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59



Tgt Ion: 59 Resp: 711
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

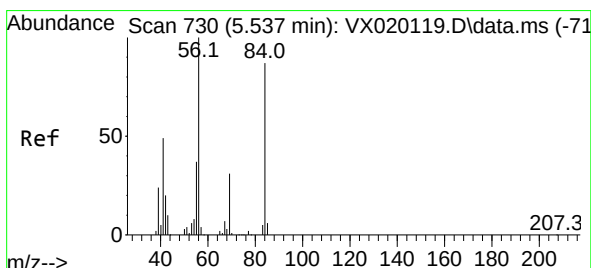
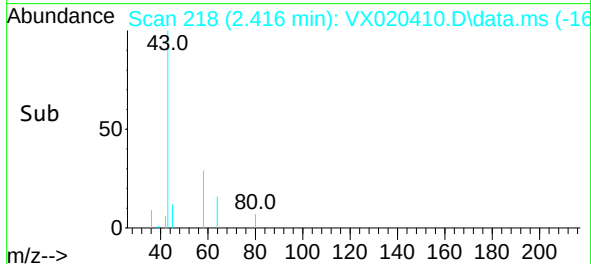
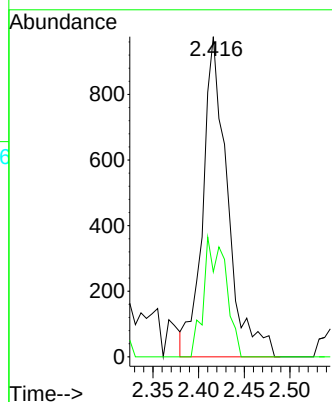
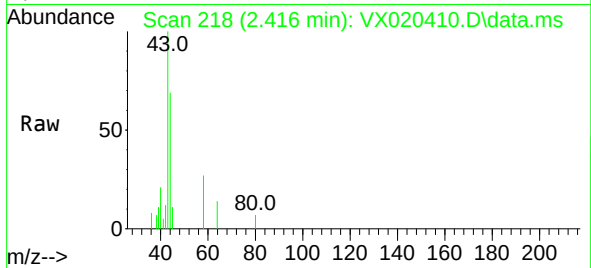




#16
Acetone
Concen: 1.17 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

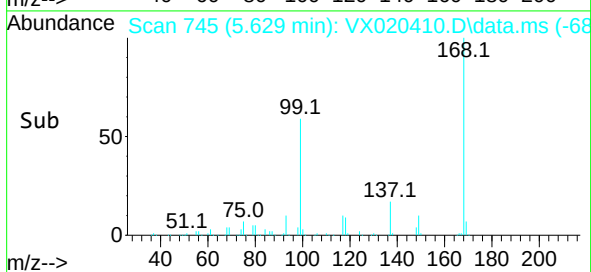
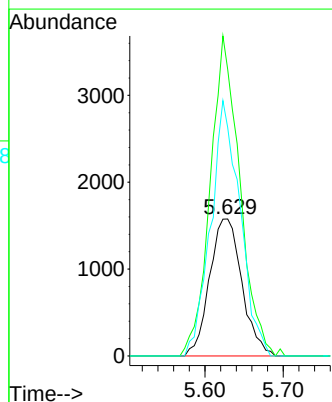
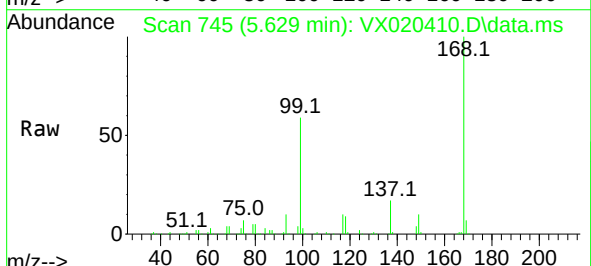
Instrument :
MSVOA_X
ClientSampleId :

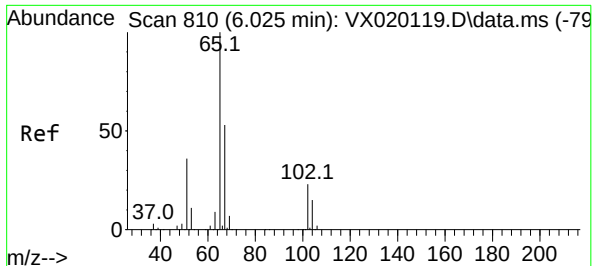
Tgt Ion: 43 Resp: 1831
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#



#31
Cyclohexane
Concen: 0.96 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

Tgt Ion: 56 Resp: 4520
Ion Ratio Lower Upper
56 100
69 209.3 25.3 37.9#
84 166.8 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 46.66 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020410.D

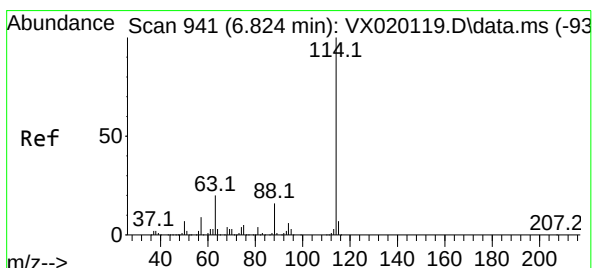
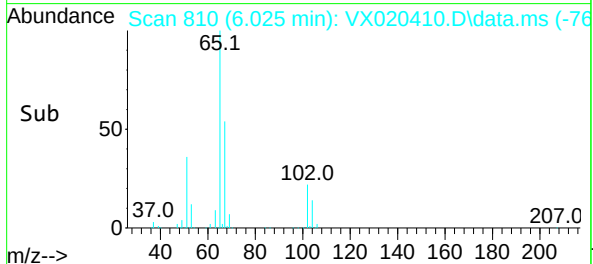
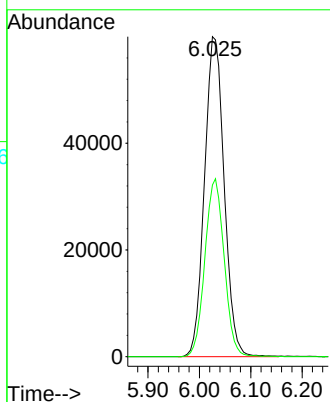
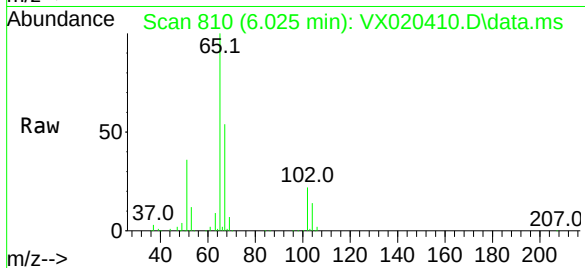
Acq: 28 Dec 2020 13:59

Tgt Ion: 65 Resp: 159748

Ion Ratio Lower Upper

65 100

67 54.5 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: VX020410.D

Acq: 28 Dec 2020 13:59

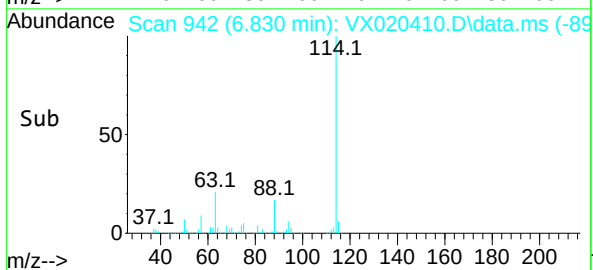
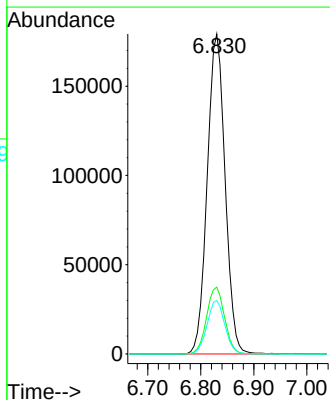
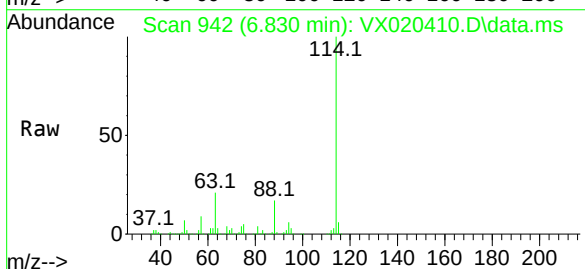
Tgt Ion: 114 Resp: 419556

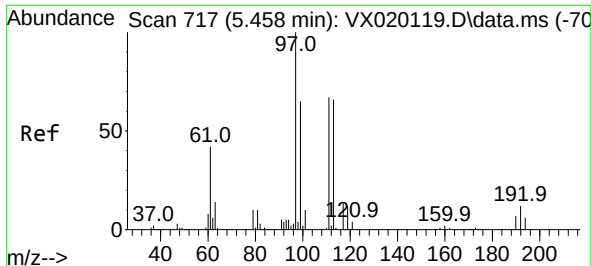
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 16.6 0.0 32.8

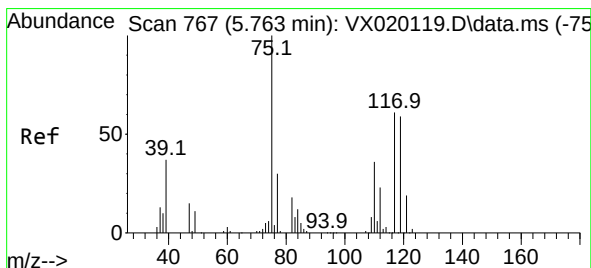
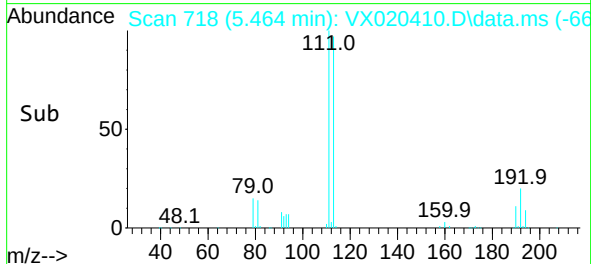
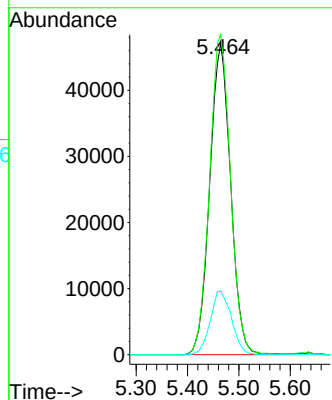
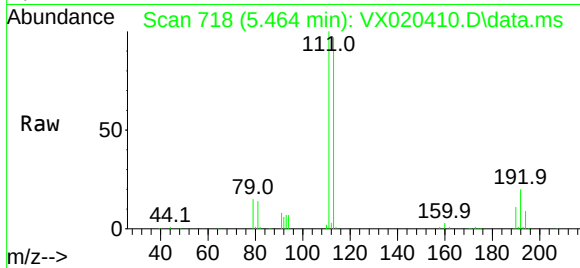




#35
Dibromofluoromethane
Concen: 49.51 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

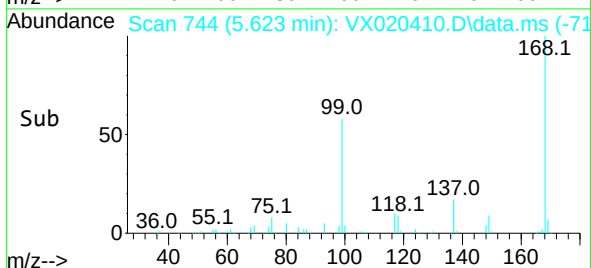
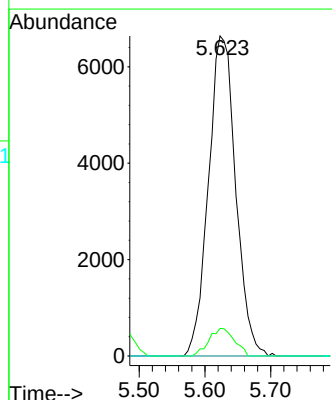
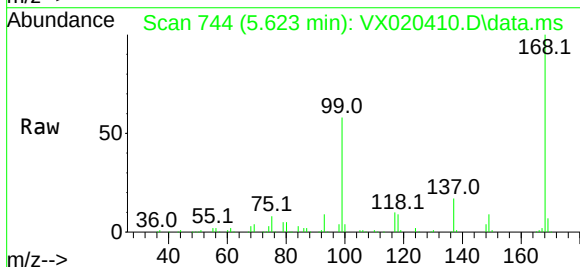
Instrument :
MSVOA_X
ClientSampleId :

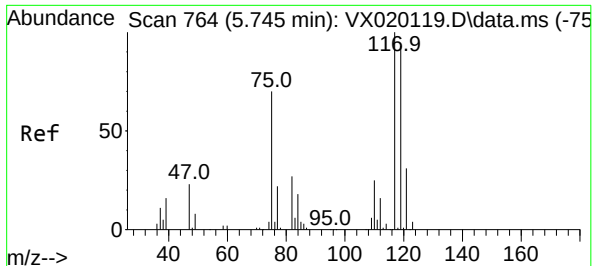
Tgt Ion:113 Resp: 132892
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

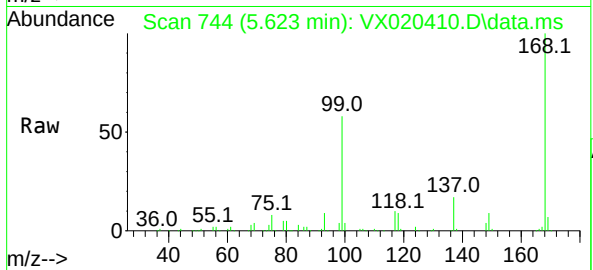
Tgt Ion: 75 Resp: 19140
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#



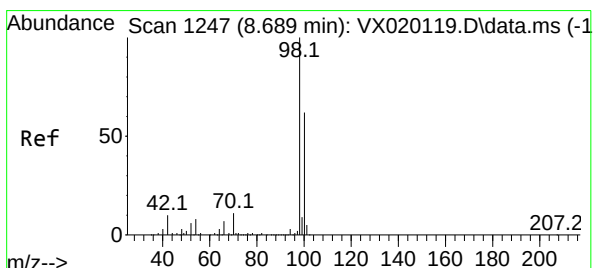
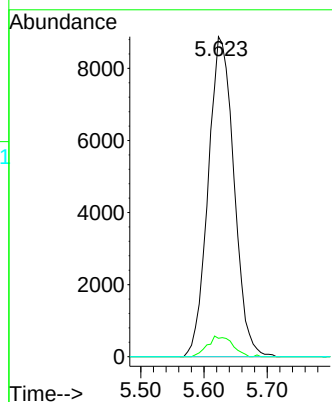
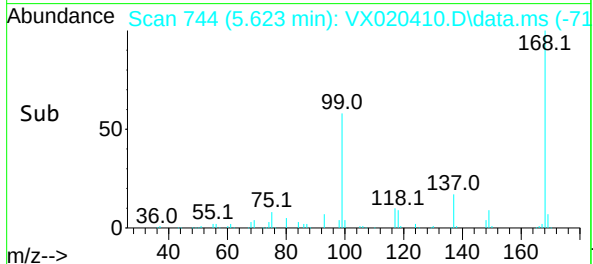


#38
Carbon Tetrachloride
Concen: 6.37 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

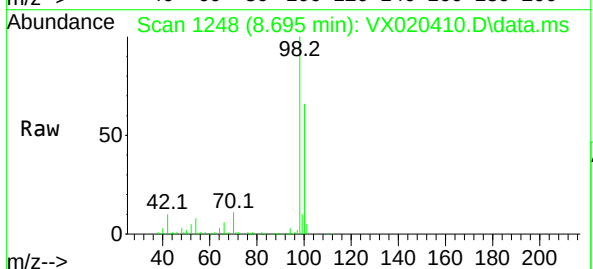
Instrument :
MSVOA_X
ClientSampleId :



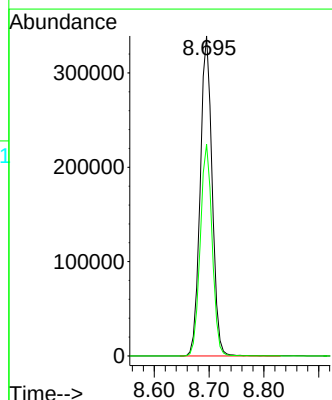
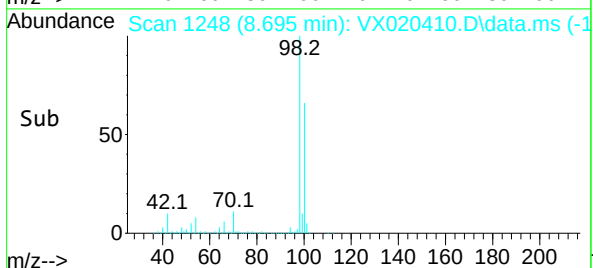
Tgt Ion:117 Resp: 25124
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

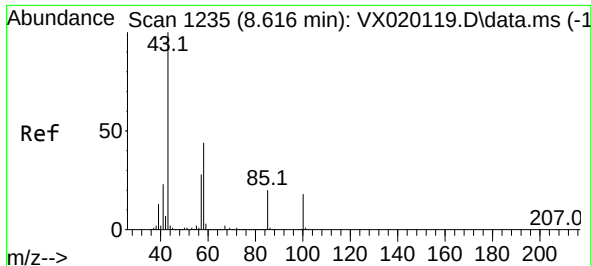


#50
Toluene-d8
Concen: 49.57 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59



Tgt Ion: 98 Resp: 512096
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

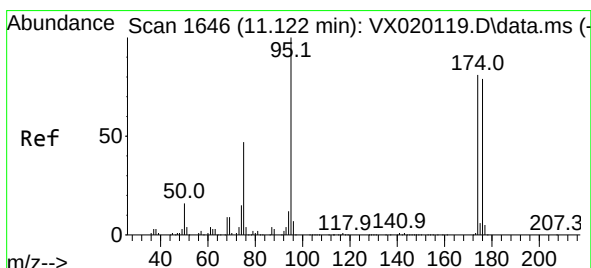
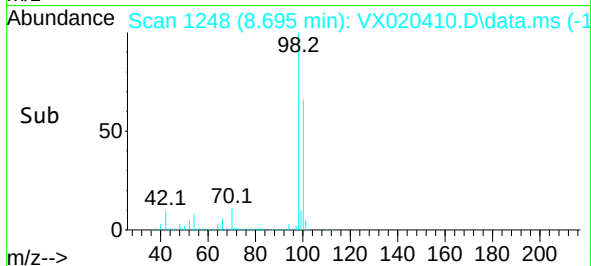
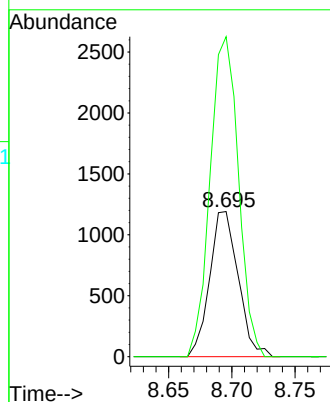
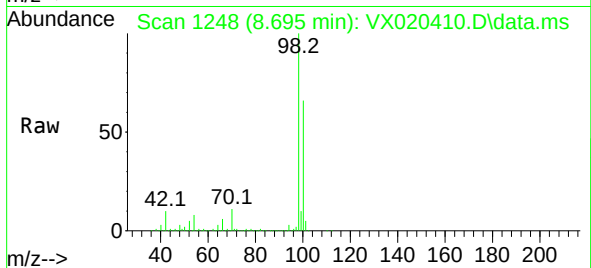




#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

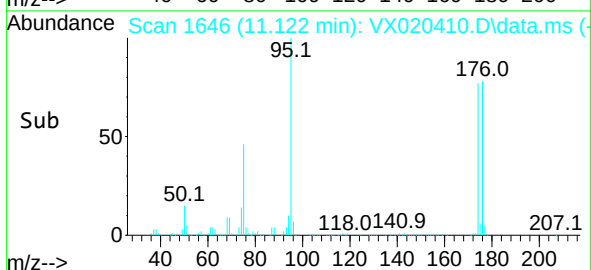
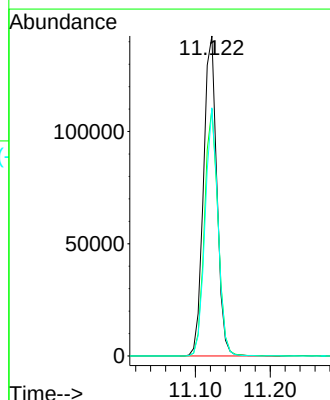
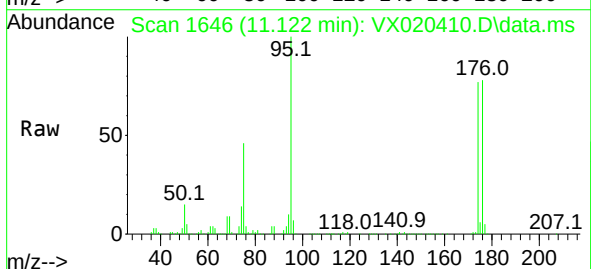
Instrument :
MSVOA_X
ClientSampleId :

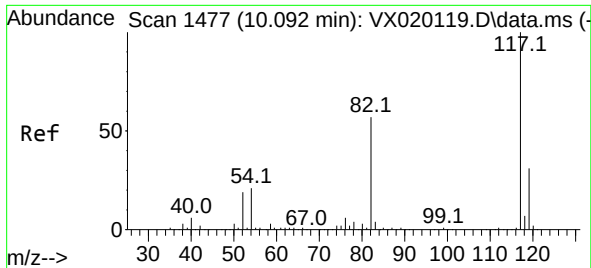
Tgt Ion: 43 Resp: 1870
Ion Ratio Lower Upper
43 100
58 218.5 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.78 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

Tgt Ion: 95 Resp: 177042
Ion Ratio Lower Upper
95 100
174 77.7 0.0 154.6
176 75.0 0.0 155.8

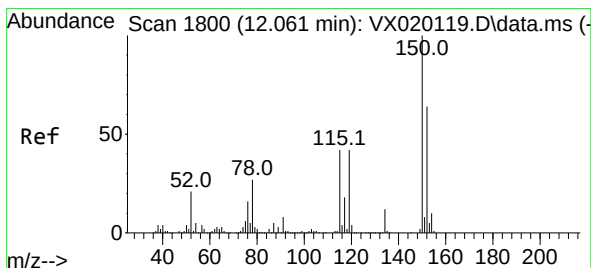
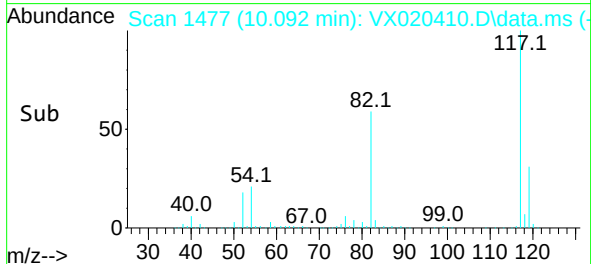
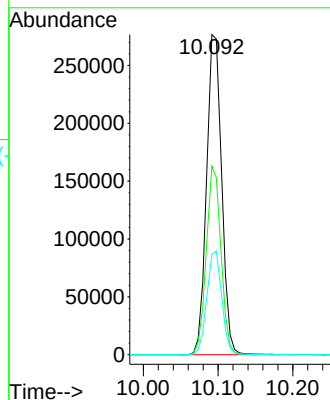
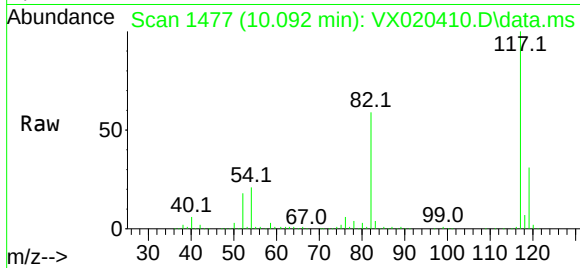




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

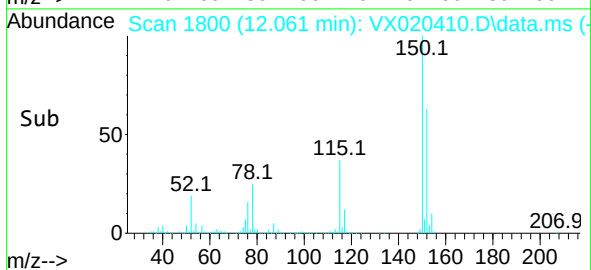
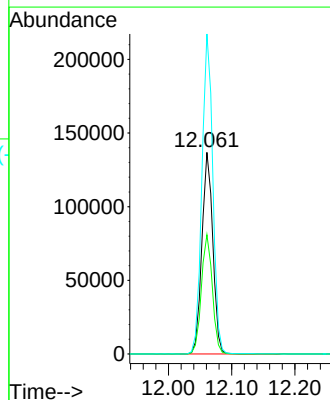
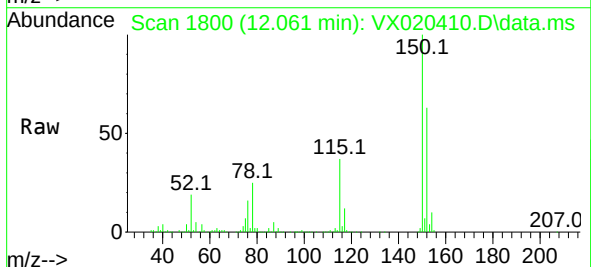
Instrument :
MSVOA_X
ClientSampleId :

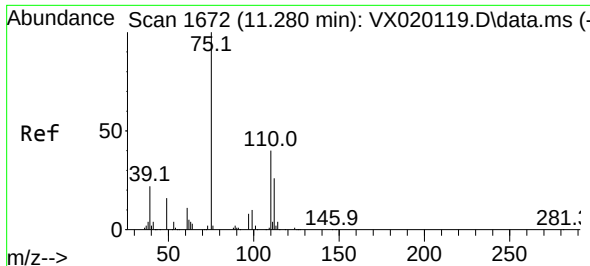
Tgt Ion:117 Resp: 388826
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

Tgt Ion:152 Resp: 164601
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 158.3 0.0 349.0

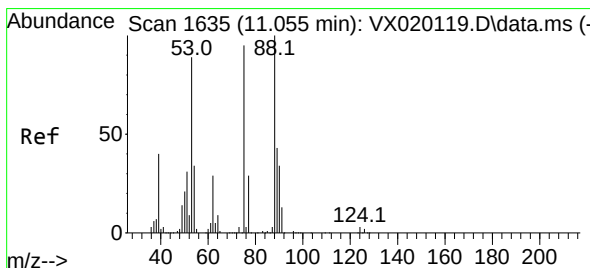
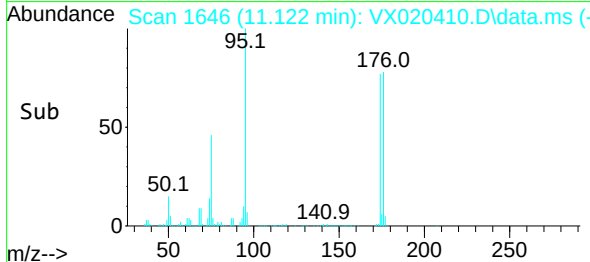
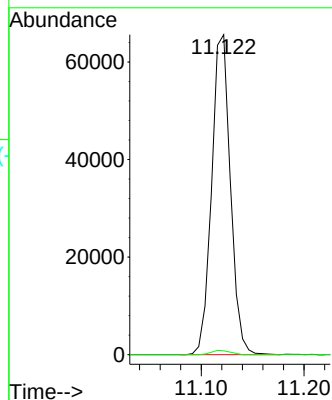
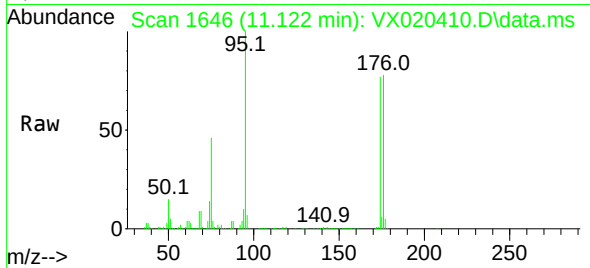




#76
1,2,3-Trichloropropane
Concen: 20.50 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 83108
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.81 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020410.D
Acq: 28 Dec 2020 13:59

Tgt Ion: 75 Resp: 83108
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

