

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020327.D
 Acq On : 23 Dec 2020 10:37
 Operator : JC/MD
 Sample : VX1223MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBL01

Quant Time: Dec 24 00:13:36 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

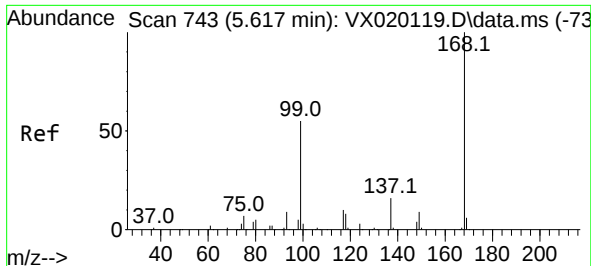
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	280173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	470251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	435789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	188832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	182290	48.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.08%		
35) Dibromofluoromethane	5.458	113	146699	48.77	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.54%		
50) Toluene-d8	8.696	98	568865	49.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.26%		
62) 4-Bromofluorobenzene	11.116	95	207646	46.85	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.70%		
Target Compounds						Qvalue
5) Bromomethane	1.642	94	772	0.63	ug/l	100
10) Methyl Iodide	2.495	142	784	3.48	ug/l	94
11) Tert butyl alcohol	2.995	59	1459	1.73	ug/l #	73
13) Acrolein	2.270	56	302	0.57	ug/l #	46
15) Acrylonitrile	3.111	53	478	0.25	ug/l	90
16) Acetone	2.416	43	1509	0.88	ug/l #	88
17) Carbon Disulfide	2.550	76	1753	0.21	ug/l #	82
18) Methyl Acetate	2.751	43	867	0.23	ug/l #	77
31) Cyclohexane	5.623	56	5638	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22017	4.74	ug/l #	48
38) Carbon Tetrachloride	5.623	117	27634	6.25	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	99500	21.39	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	99500	63.46	ug/l #	12
94) Hexachlorobutadiene	13.762	225	292	2.80	ug/l	88

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

Quant Time: Dec 24 00:13:36 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

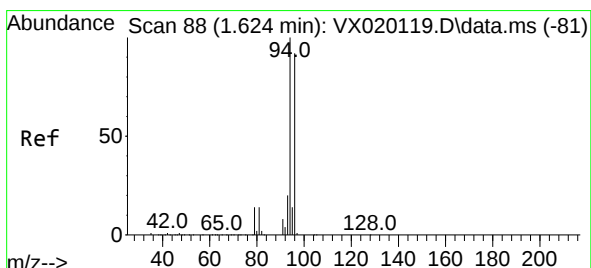
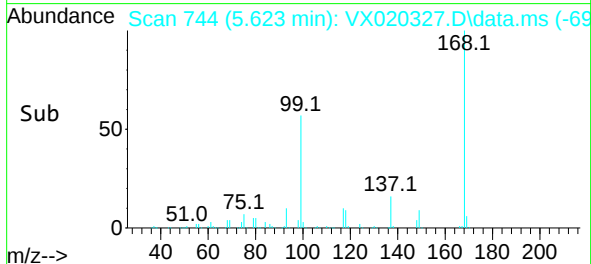
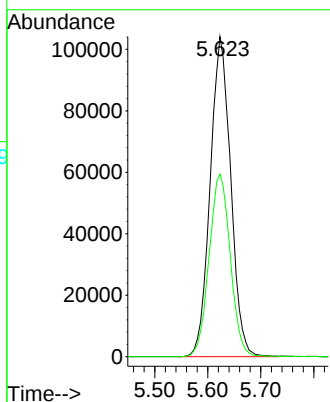
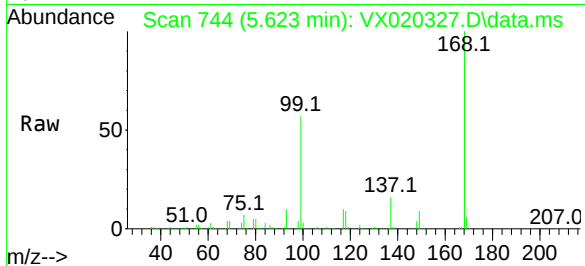




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

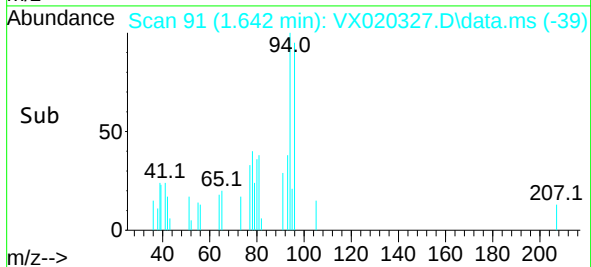
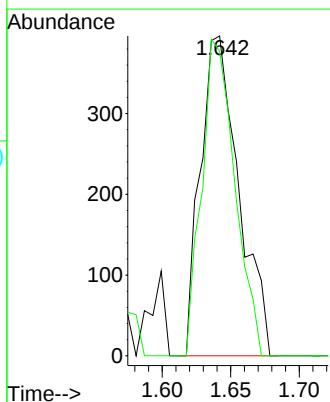
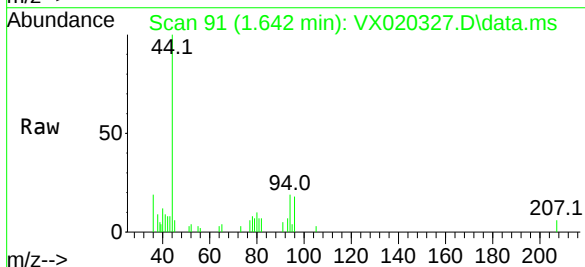
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

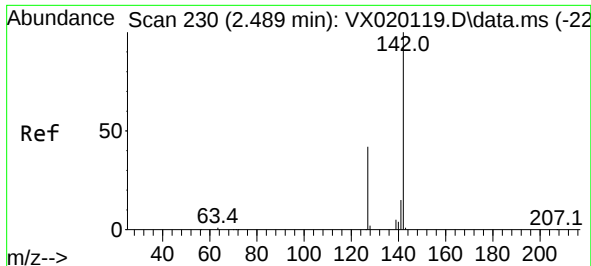
Tgt Ion:168 Resp: 280173
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#5
Bromomethane
Concen: 0.63 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 94 Resp: 772
Ion Ratio Lower Upper
94 100
96 95.2 76.4 114.6

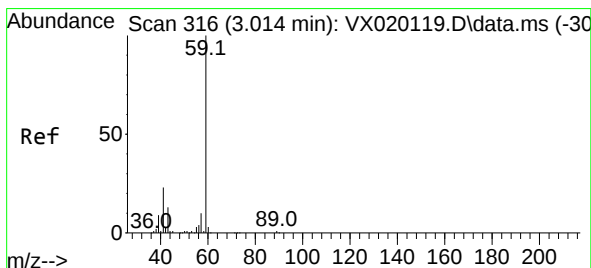
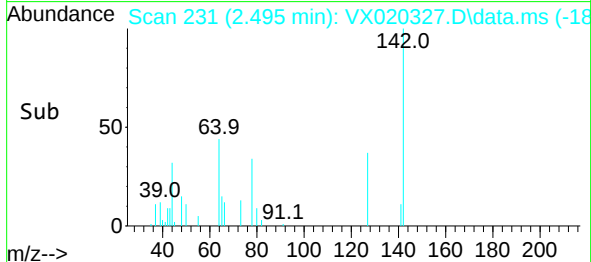
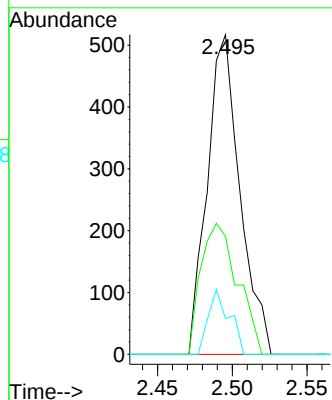
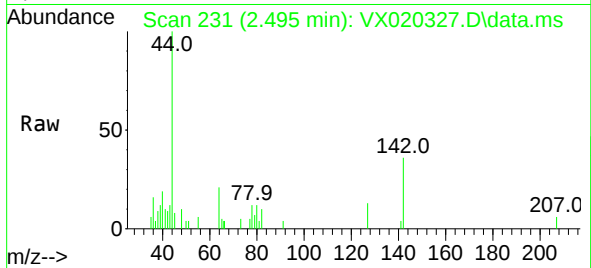




#10
Methyl Iodide
Concen: 3.48 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

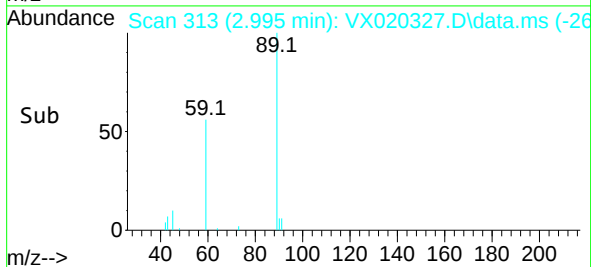
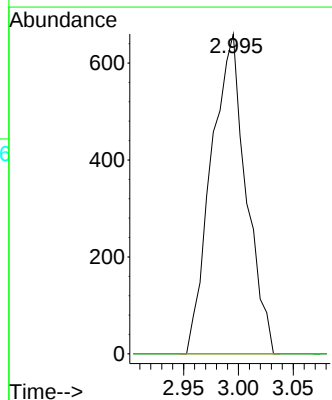
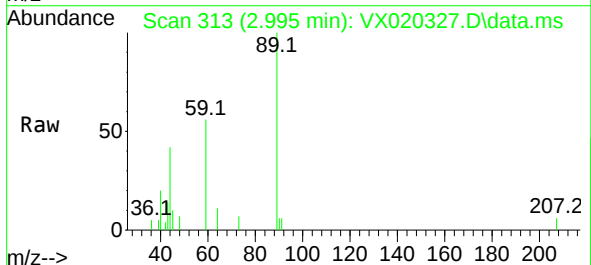
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

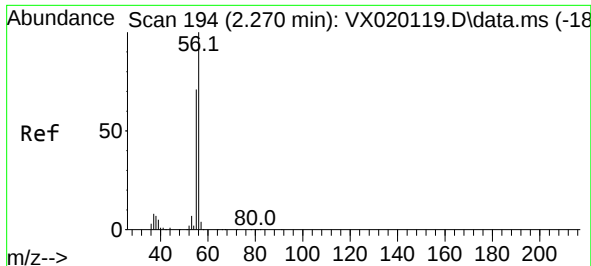
Tgt Ion:142 Resp: 784
Ion Ratio Lower Upper
142 100
127 46.0 33.3 49.9
141 13.1 11.4 17.0



#11
Tert butyl alcohol
Concen: 1.73 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 59 Resp: 1459
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

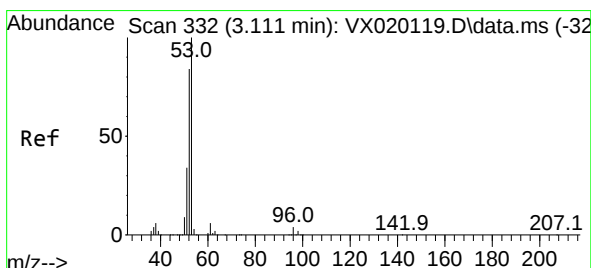
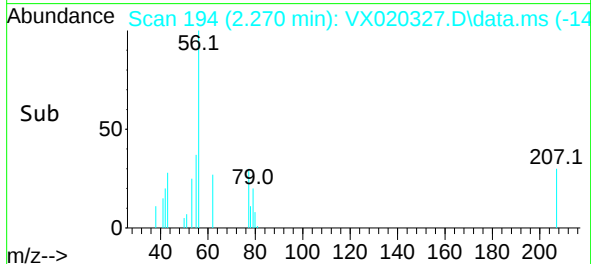
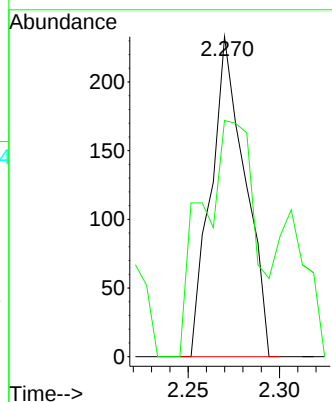
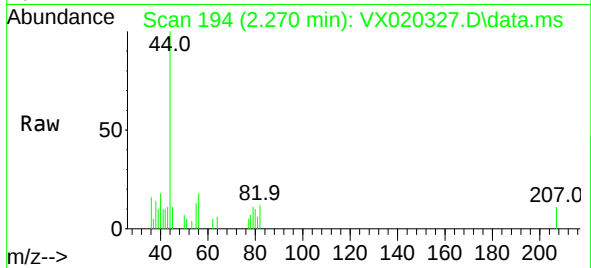




#13
Acrolein
Concen: 0.57 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

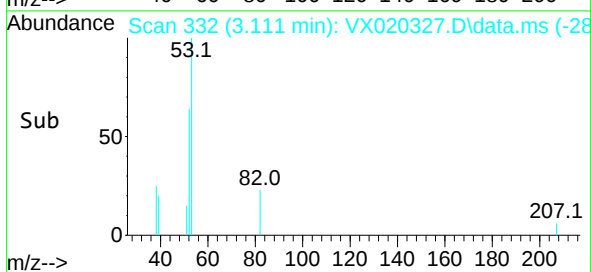
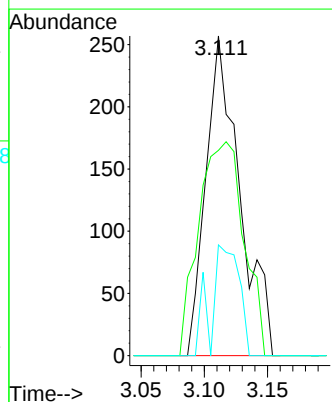
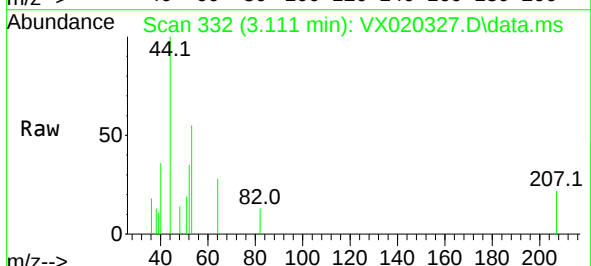
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

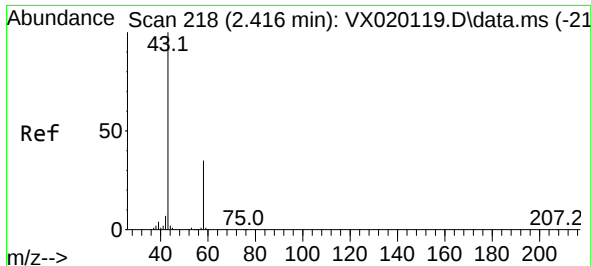
Tgt Ion: 56 Resp: 302
Ion Ratio Lower Upper
56 100
55 114.6 56.4 84.6#



#15
Acrylonitrile
Concen: 0.25 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 53 Resp: 478
Ion Ratio Lower Upper
53 100
52 89.5 65.3 97.9
51 28.7 28.2 42.2

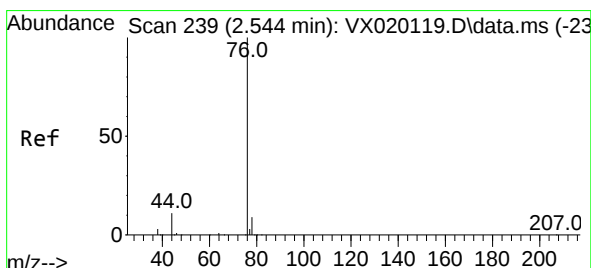
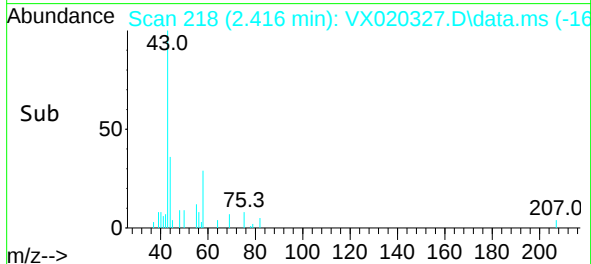
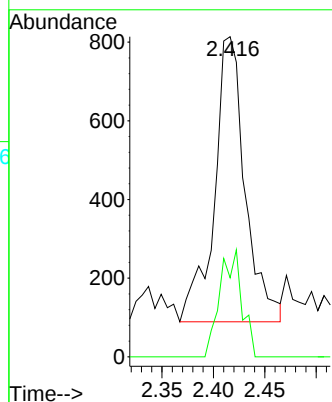
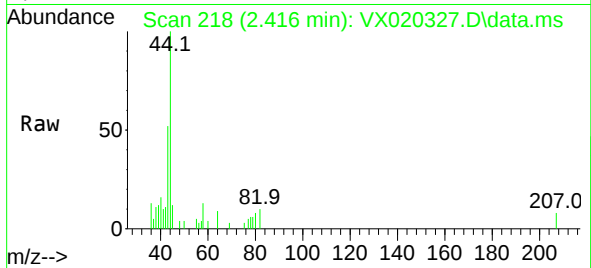




#16
Acetone
Concen: 0.88 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

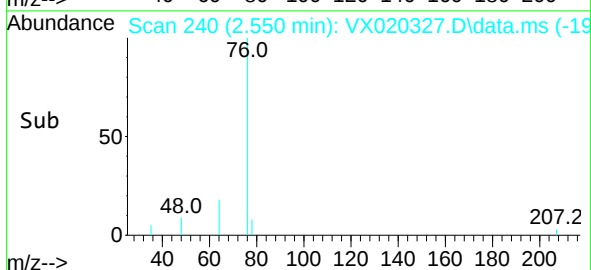
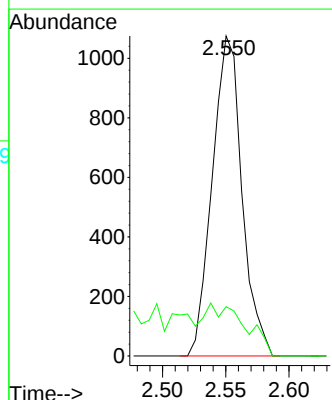
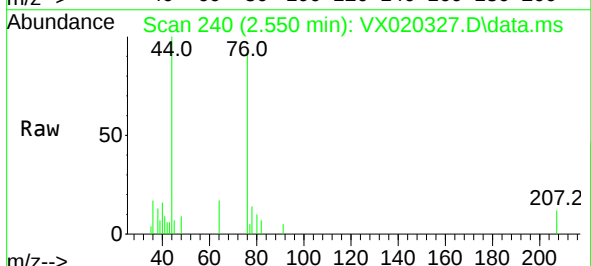
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

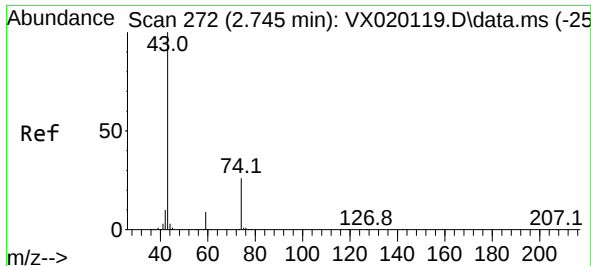
Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 76 Resp: 1753
Ion Ratio Lower Upper
76 100
78 15.4 7.2 10.8#

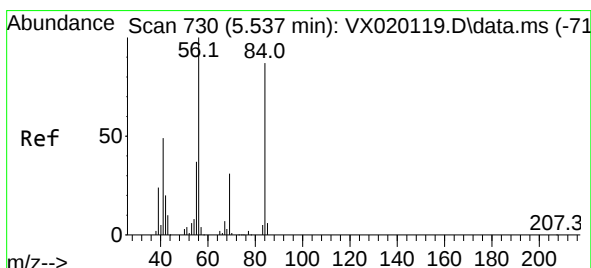
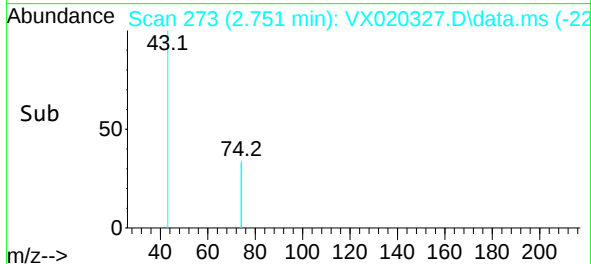
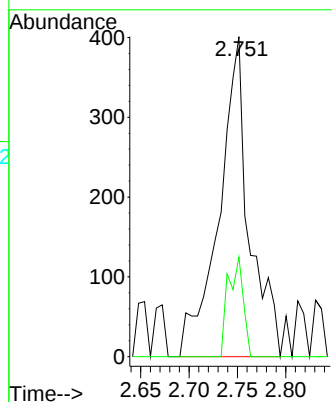
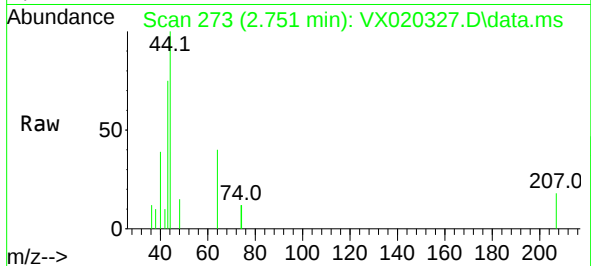




#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

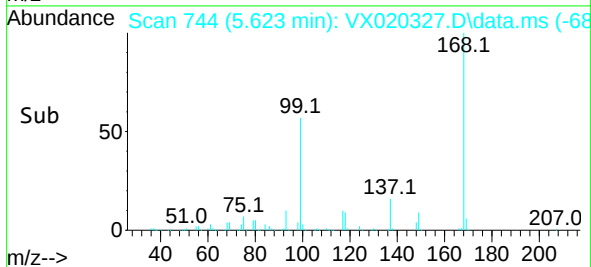
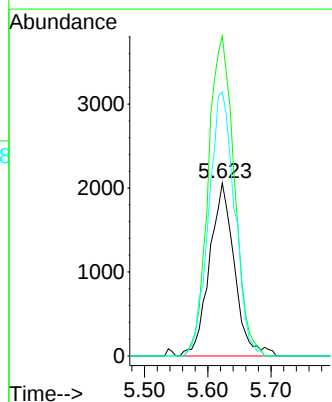
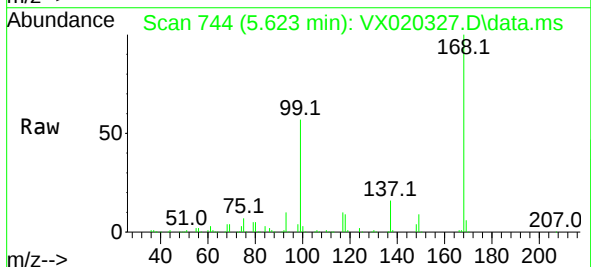
Instrument :
MSVOA_X
ClientSampled :
VX1223MBL01

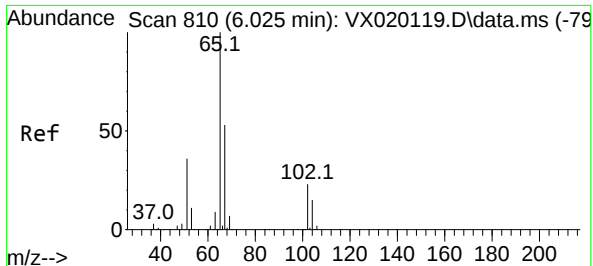
Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
74 15.6 21.9 32.9#



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 56 Resp: 5638
Ion Ratio Lower Upper
56 100
69 185.0 25.3 37.9#
84 152.7 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.54 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020327.D

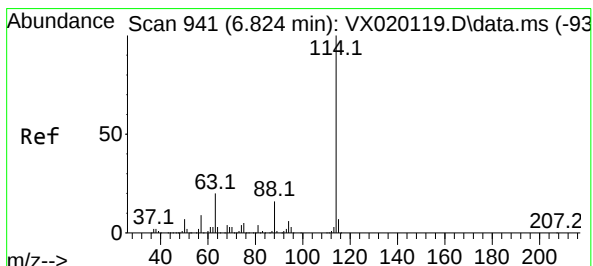
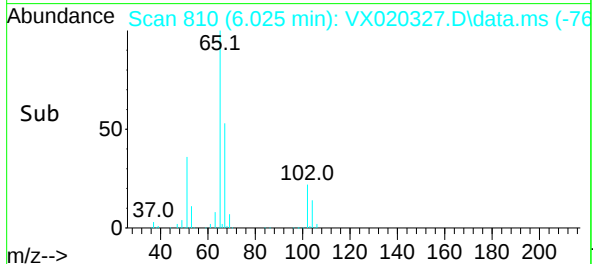
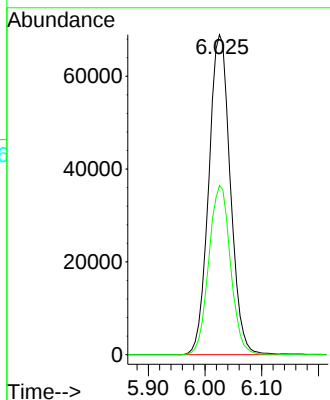
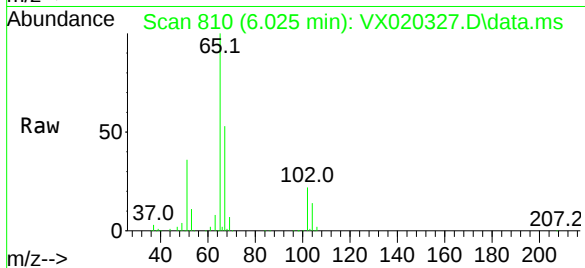
Acq: 23 Dec 2020 10:37

Tgt Ion: 65 Resp: 182290

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.000 min

Lab File: VX020327.D

Acq: 23 Dec 2020 10:37

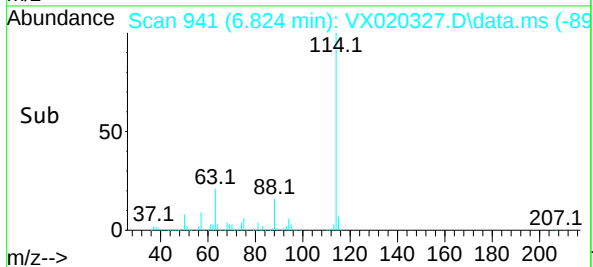
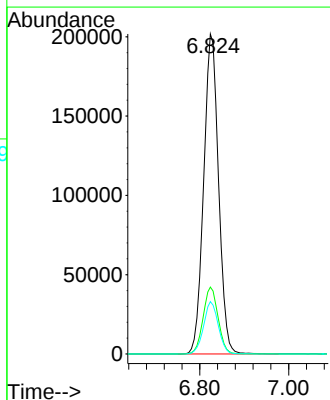
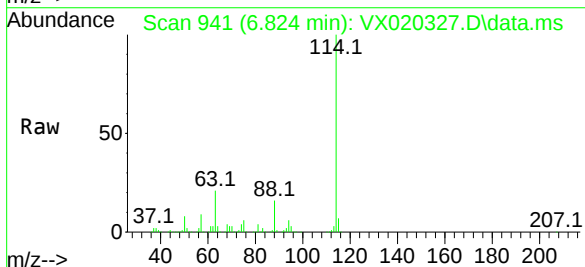
Tgt Ion: 114 Resp: 470251

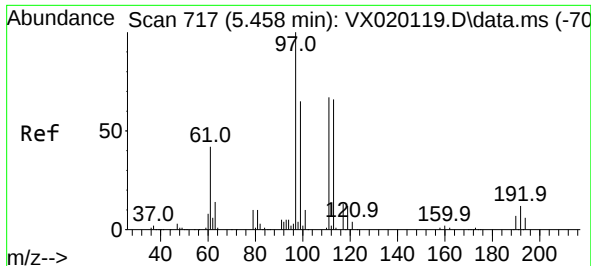
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

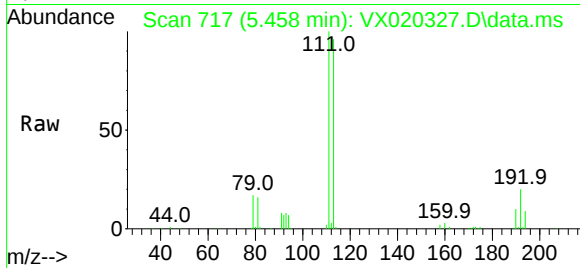
88 16.4 0.0 32.8



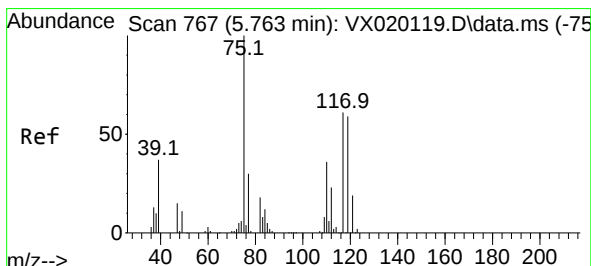
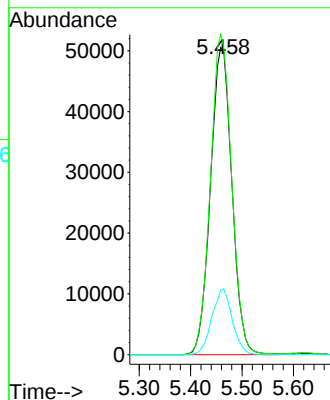
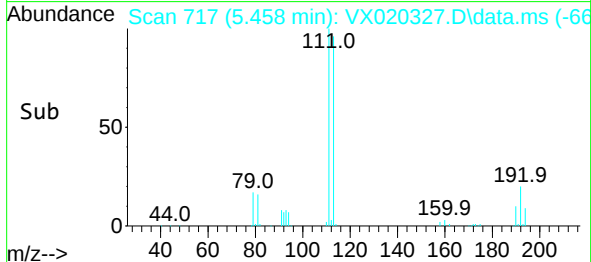


#35
Dibromofluoromethane
Concen: 48.77 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

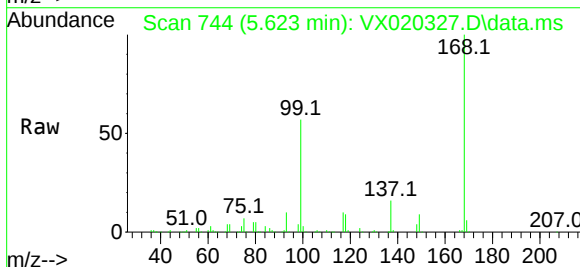
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01



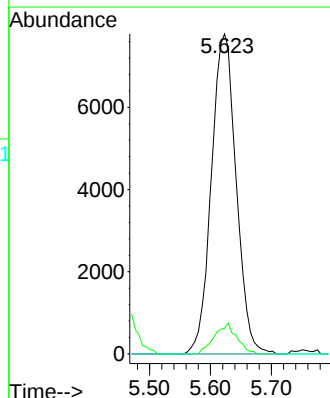
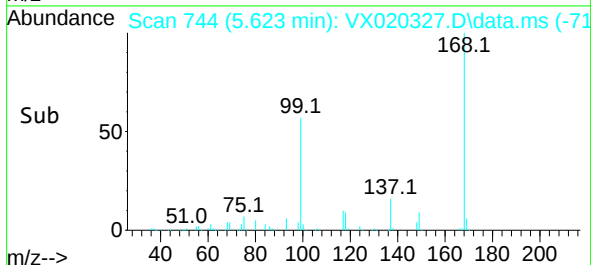
Tgt Ion:113 Resp: 146699
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 20.3 16.7 25.1

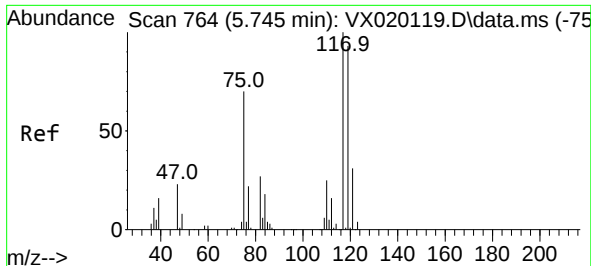


#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37



Tgt Ion: 75 Resp: 22017
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#

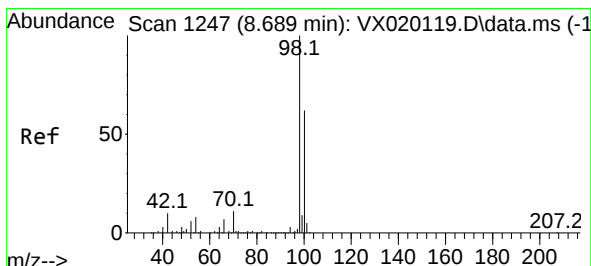
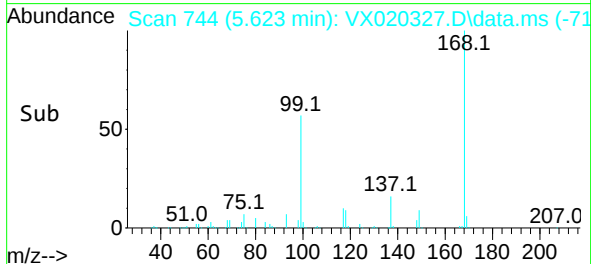
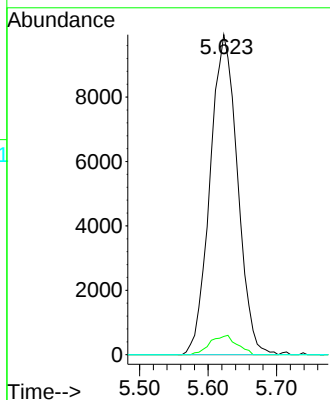
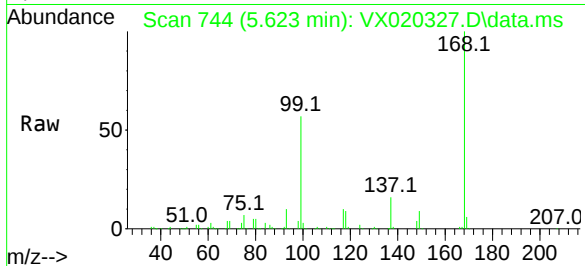




#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

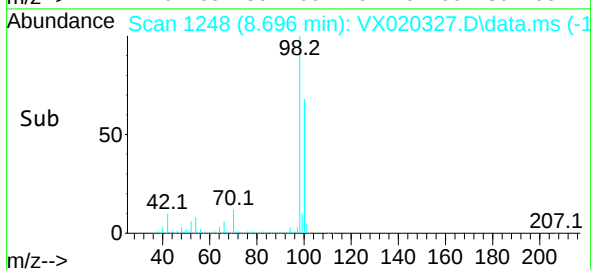
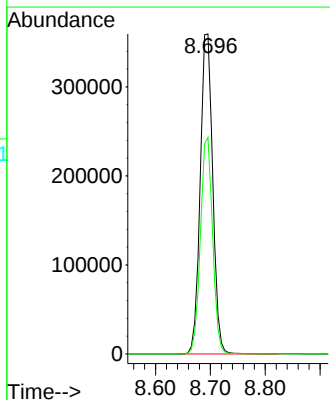
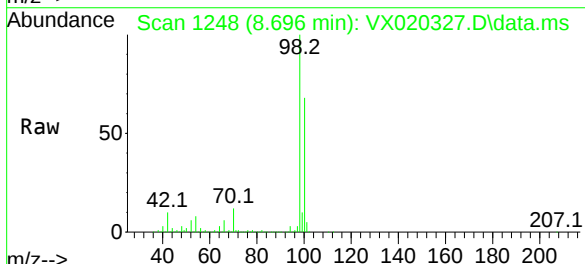
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

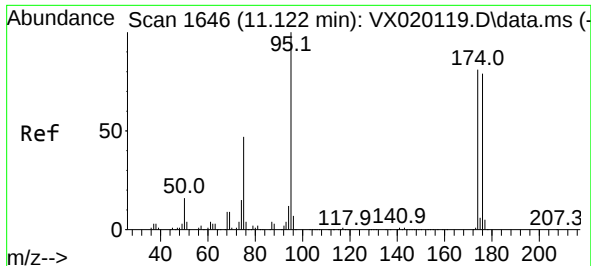
Tgt Ion:117 Resp: 27634
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.13 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 98 Resp: 568865
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

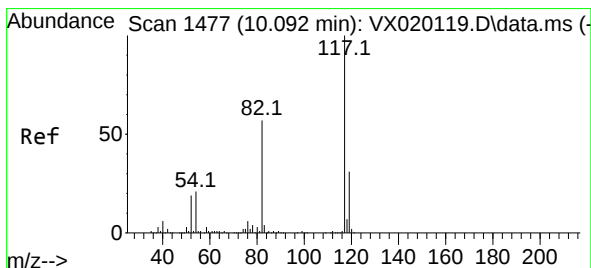
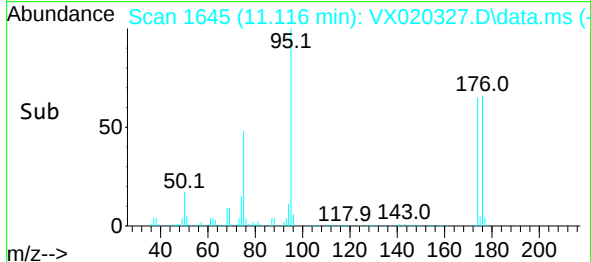
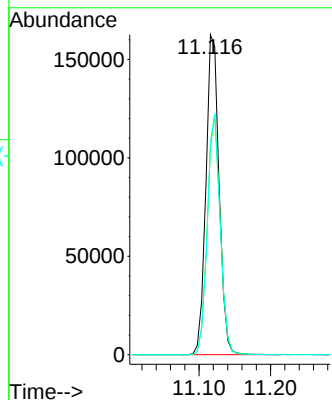
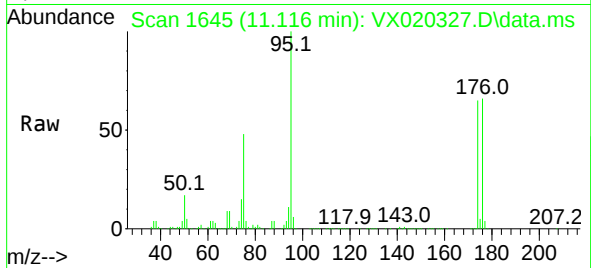




#62
4-Bromofluorobenzene
Concen: 46.85 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

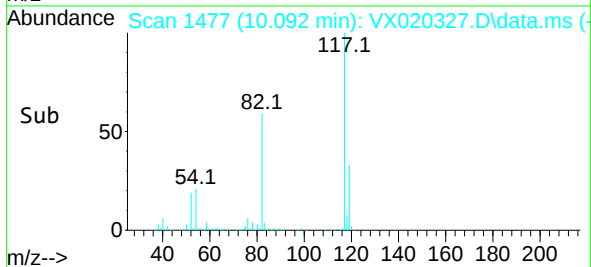
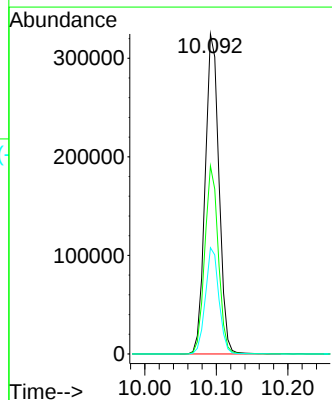
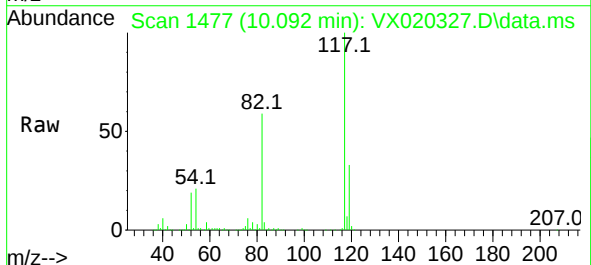
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

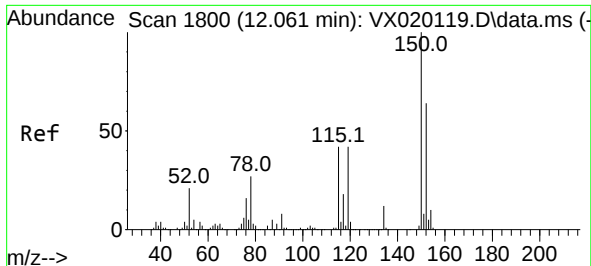
Tgt Ion: 95 Resp: 207646
Ion Ratio Lower Upper
95 100
174 74.2 0.0 154.6
176 73.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 117 Resp: 435789
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 33.2 26.6 39.8

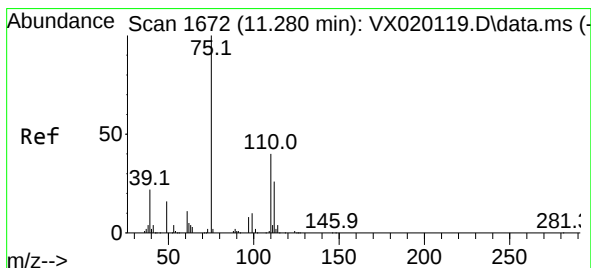
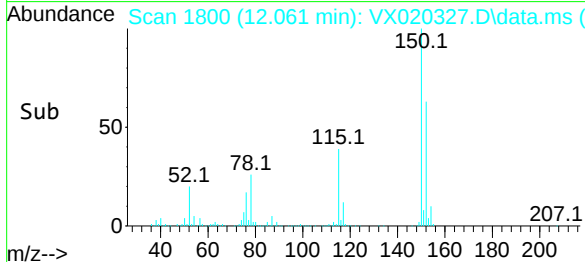
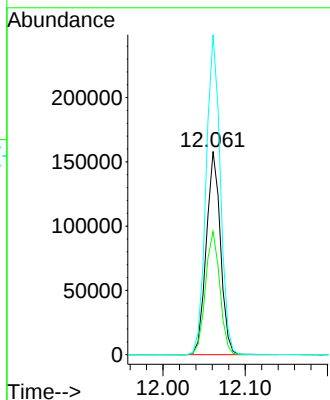
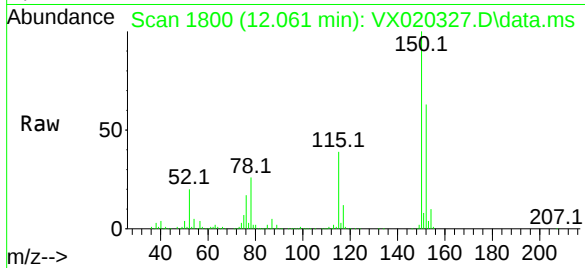




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

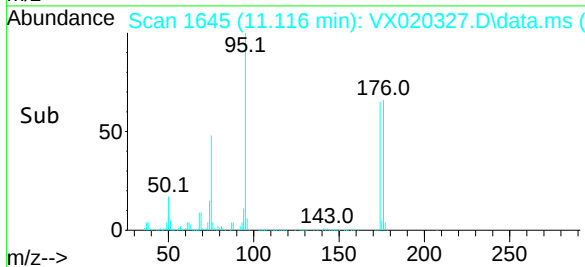
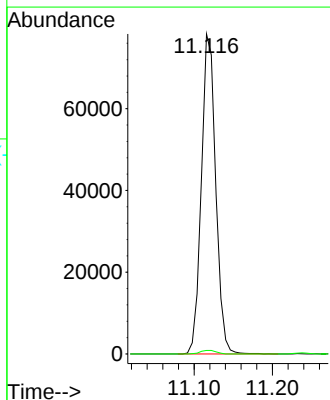
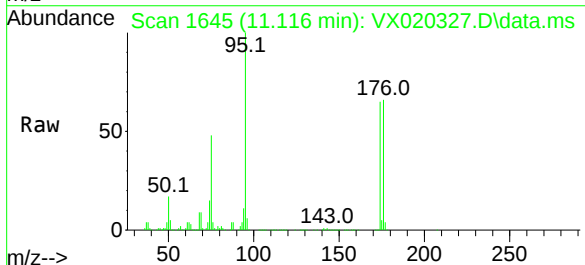
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

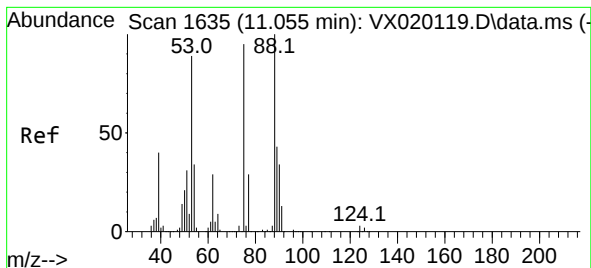
Tgt Ion:152 Resp: 188832
Ion Ratio Lower Upper
152 100
115 61.4 41.1 123.3
150 157.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.39 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 75 Resp: 99500
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

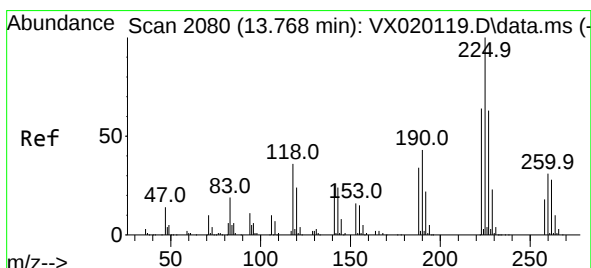
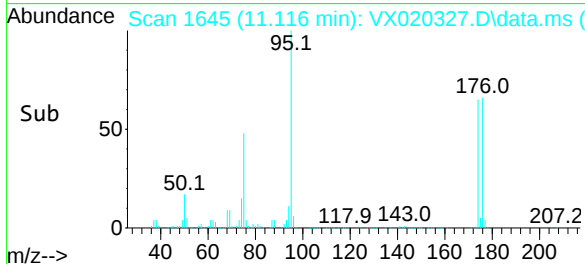
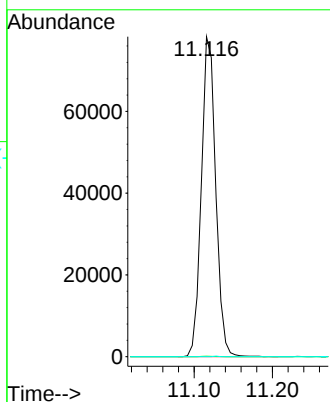
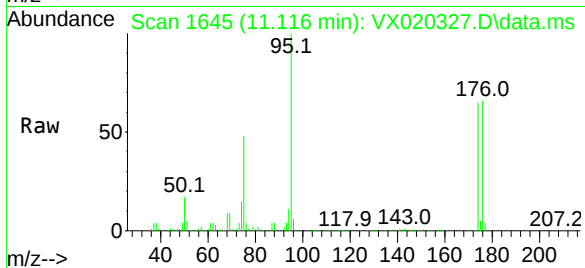




#81
trans-1,4-Dichloro-2-butene
Concen: 63.46 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

Tgt Ion: 75 Resp: 99500
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.80 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 225 Resp: 292
Ion Ratio Lower Upper
225 100
223 75.0 31.1 93.2
227 58.2 31.6 95.0

