

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020325.D
 Acq On : 23 Dec 2020 00:26
 Operator : JC/MD
 Sample : L5094-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Dec 23 05:05:13 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)

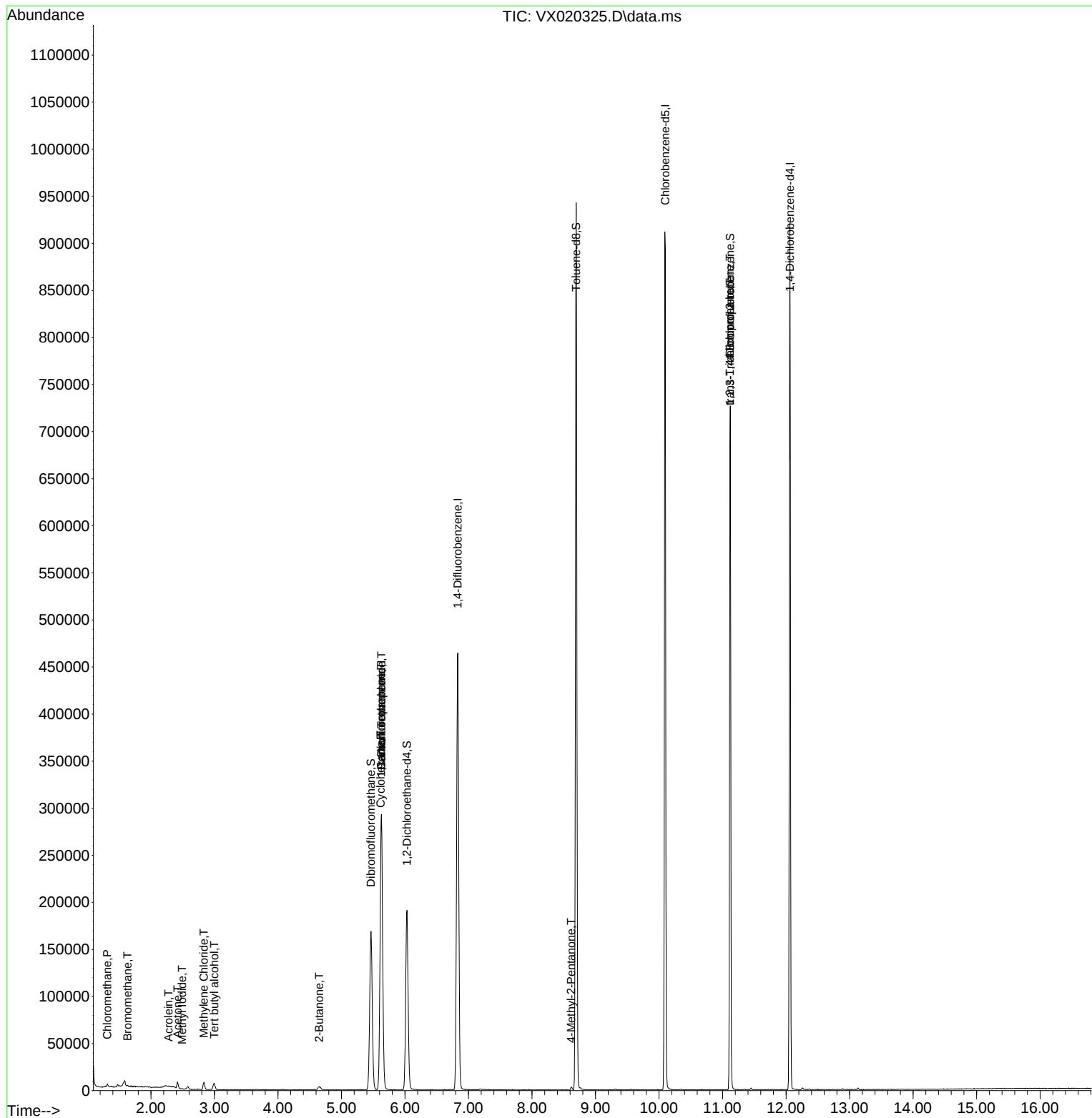
Internal Standards						
1) Pentafluorobenzene	5.629	168	280222	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	466667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	433394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	185667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	181877	48.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.84%		
35) Dibromofluoromethane	5.464	113	146723	49.15	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.30%		
50) Toluene-d8	8.696	98	562391	48.94	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.88%		
62) 4-Bromofluorobenzene	11.122	95	206575	46.97	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.94%		
Target Compounds						Qvalue
3) Chloromethane	1.313	50	1207	0.34	ug/l	90
5) Bromomethane	1.630	94	605	0.49	ug/l	93
10) Methyl Iodide	2.489	142	291	3.36	ug/l #	86
11) Tert butyl alcohol	2.995	59	4059	4.83	ug/l #	73
13) Acrolein	2.276	56	214	0.41	ug/l #	68
16) Acetone	2.416	43	6624	3.87	ug/l	97
20) Methylene Chloride	2.831	84	3483	0.90	ug/l	91
25) 2-Butanone	4.648	43	1300	0.52	ug/l	96
31) Cyclohexane	5.617	56	5609	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21466	4.65	ug/l #	48
38) Carbon Tetrachloride	5.629	117	27307	6.22	ug/l #	17
51) 4-Methyl-2-Pentanone	8.616	43	1998	0.43	ug/l	88
76) 1,2,3-Trichloropropane	11.116	75	100339	21.94	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	100339	65.09	ug/l #	12

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

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BFB

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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

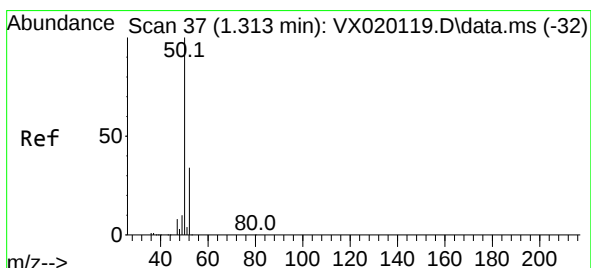
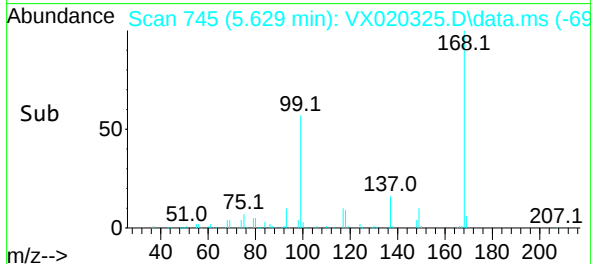
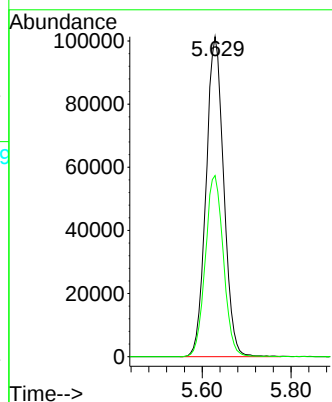
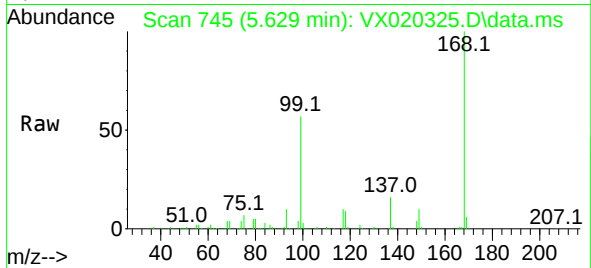




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

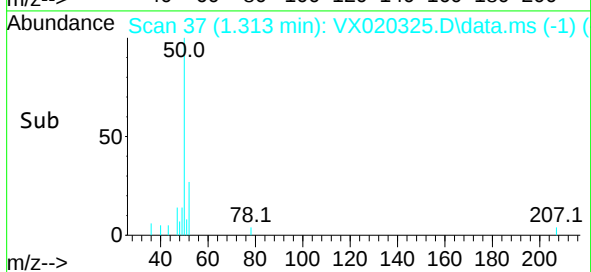
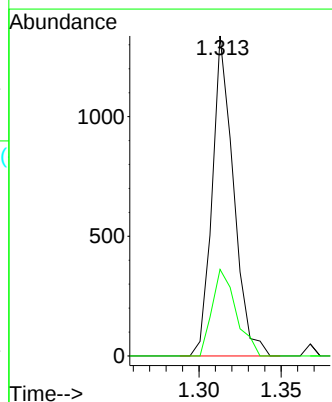
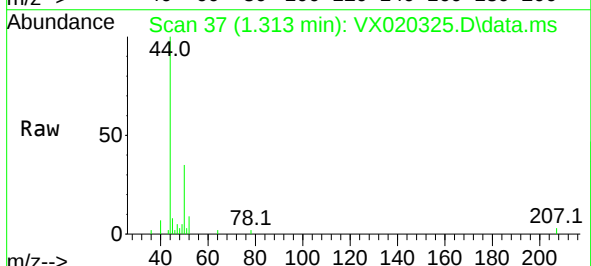
Instrument :
MSVOA_X
ClientSampleId :
BFB

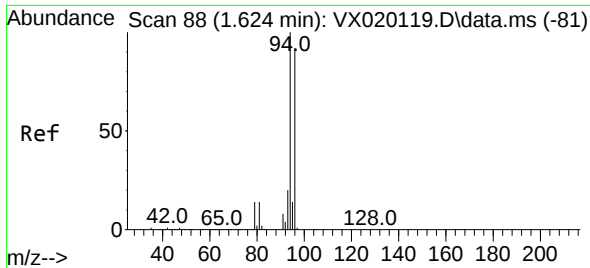
Tgt Ion:168 Resp: 280222
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6



#3
Chloromethane
Concen: 0.34 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

Tgt Ion: 50 Resp: 1207
Ion Ratio Lower Upper
50 100
52 27.1 26.4 39.6

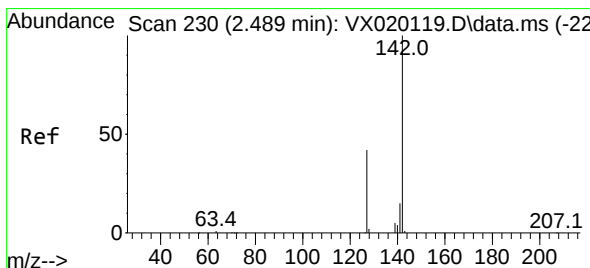
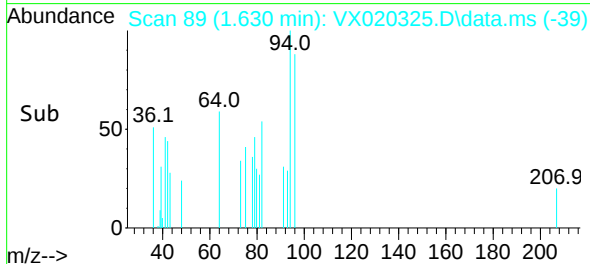
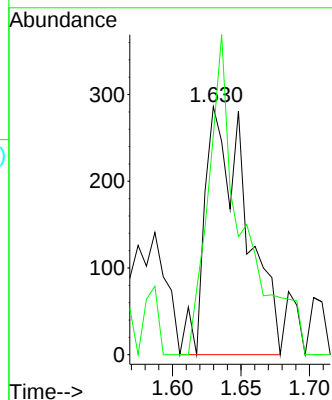
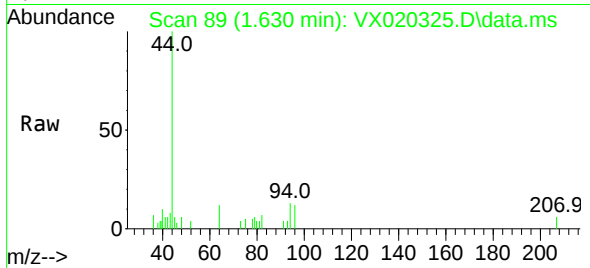




#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

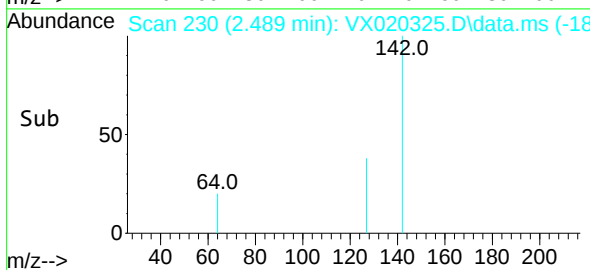
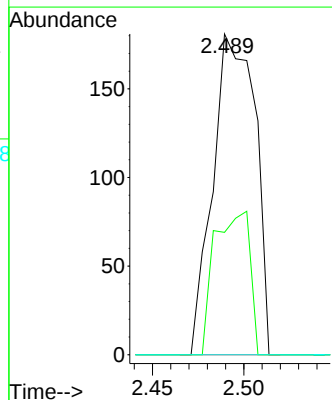
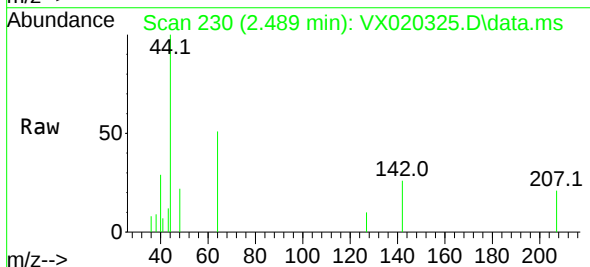
Instrument :
MSVOA_X
ClientSampled :
BFB

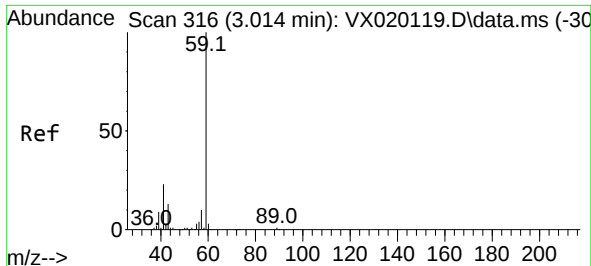
Tgt Ion: 94 Resp: 605
Ion Ratio Lower Upper
94 100
96 88.5 76.4 114.6



#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

Tgt Ion: 142 Resp: 291
Ion Ratio Lower Upper
142 100
127 37.5 33.3 49.9
141 0.0 11.4 17.0#

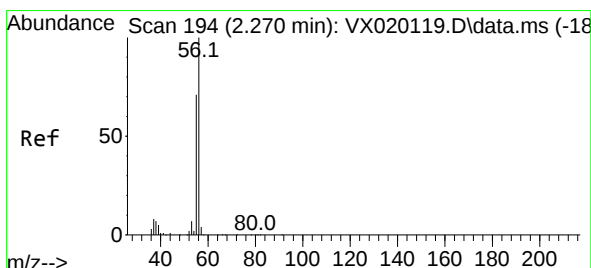
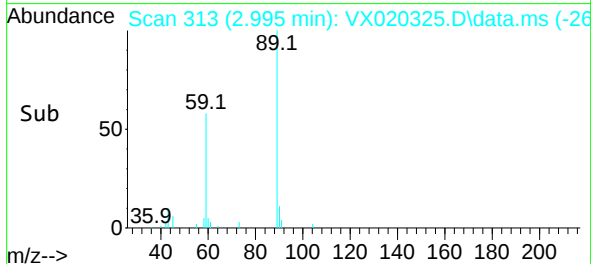
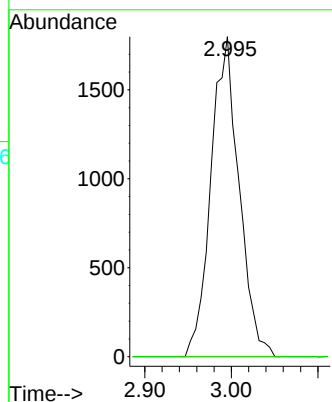
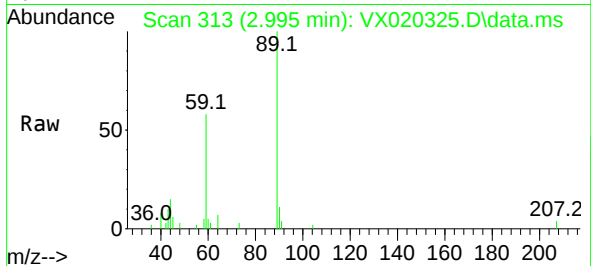




#11
Tert butyl alcohol
Concen: 4.83 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

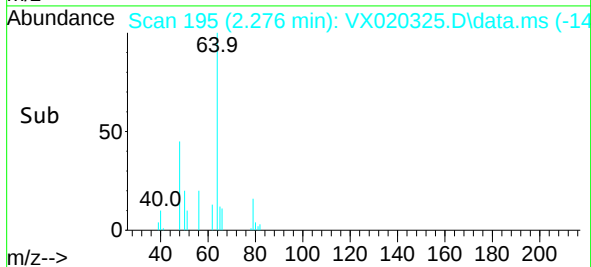
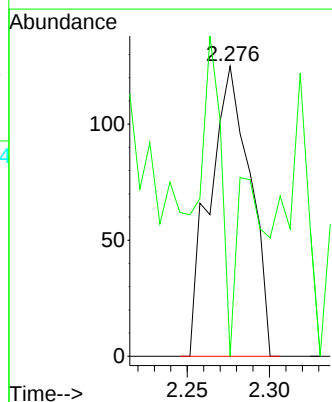
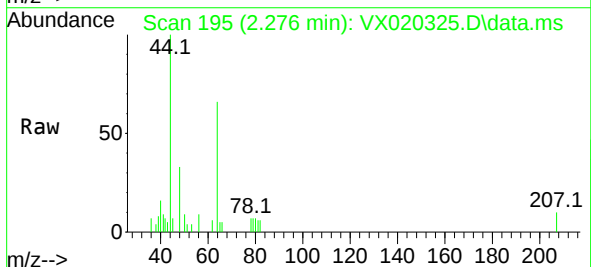
Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 59 Resp: 4059
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.41 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

Tgt Ion: 56 Resp: 214
Ion Ratio Lower Upper
56 100
55 44.4 56.4 84.6#

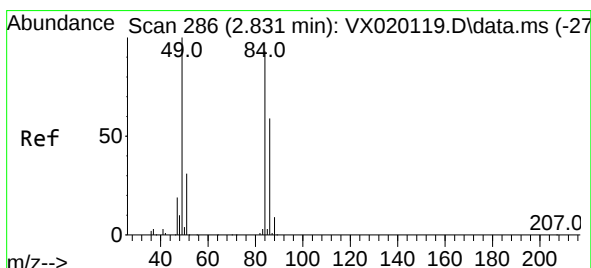
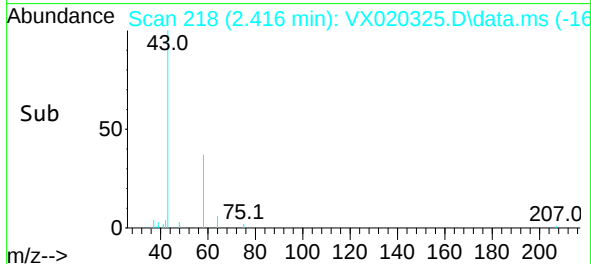
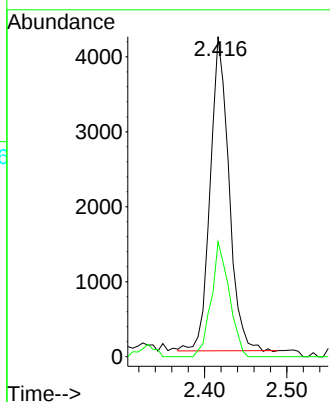
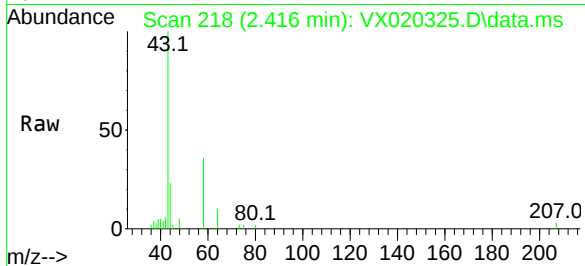




#16
Acetone
Concen: 3.87 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

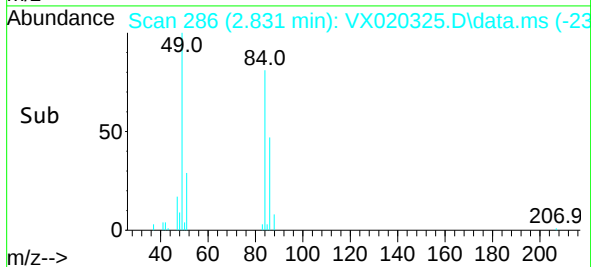
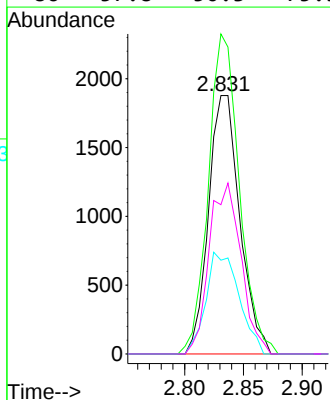
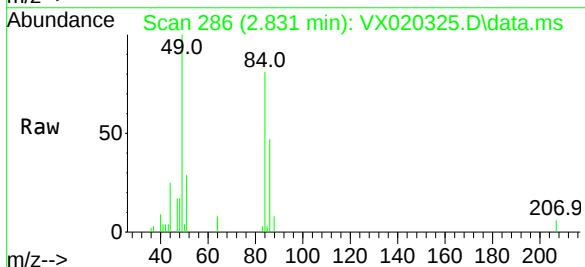
Instrument :
MSVOA_X
ClientSampleId :
BFB

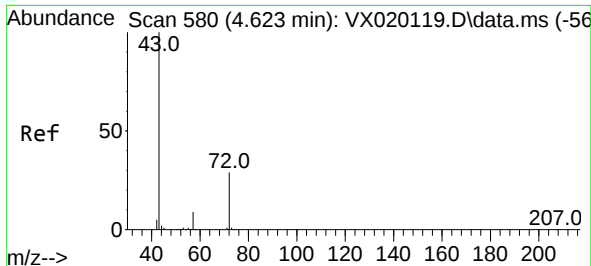
Tgt Ion: 43 Resp: 6624
Ion Ratio Lower Upper
43 100
58 36.6 27.8 41.8



#20
Methylene Chloride
Concen: 0.90 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

Tgt Ion: 84 Resp: 3483
Ion Ratio Lower Upper
84 100
49 123.8 88.6 132.8
51 36.3 27.0 40.6
86 57.8 50.3 75.5

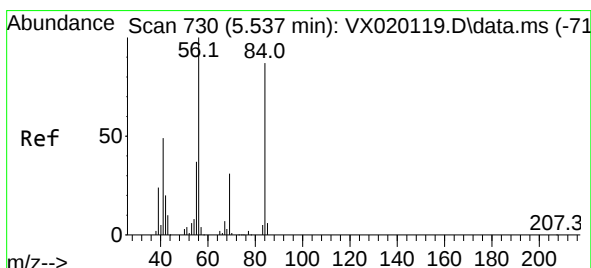
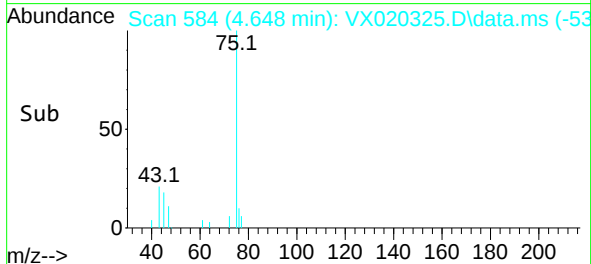
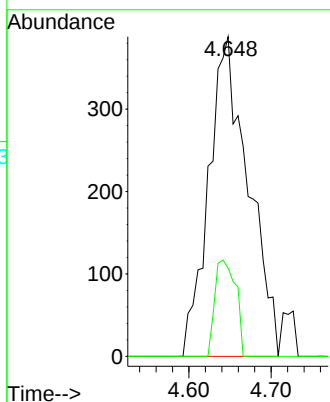
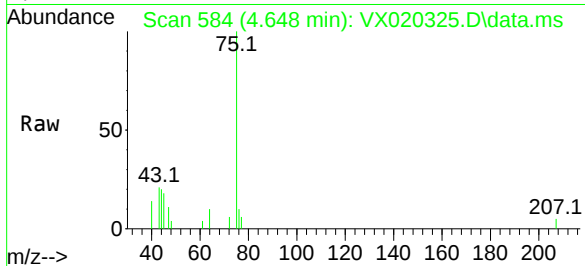




#25
2-Butanone
Concen: 0.52 ug/l
RT: 4.648 min Scan# 584
Delta R.T. 0.025 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

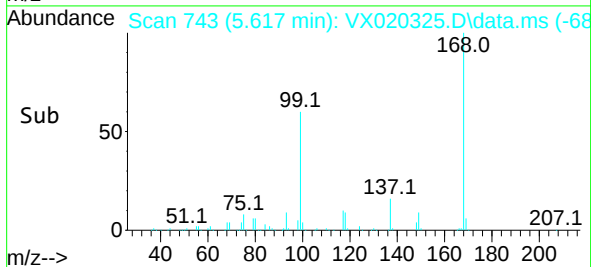
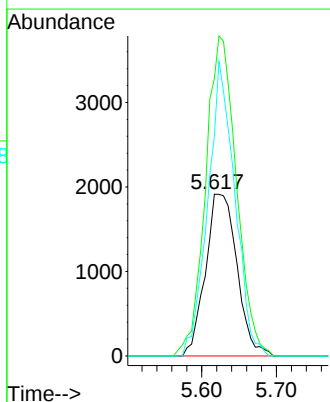
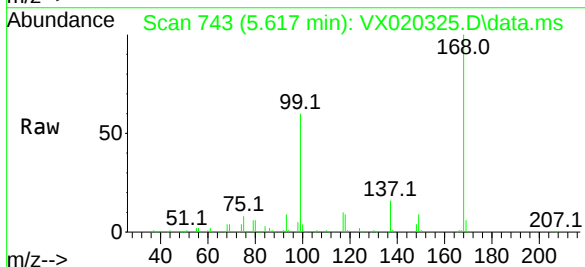
Instrument :
MSVOA_X
ClientSampled :
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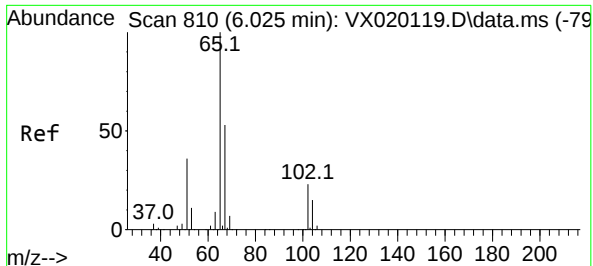
Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
72 27.6 23.7 35.5



#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.080 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

Tgt Ion: 56 Resp: 5609
Ion Ratio Lower Upper
56 100
69 171.6 25.3 37.9#
84 135.6 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.42 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020325.D

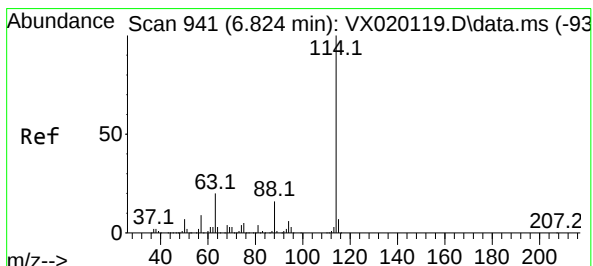
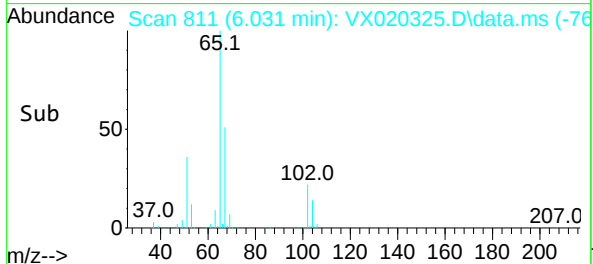
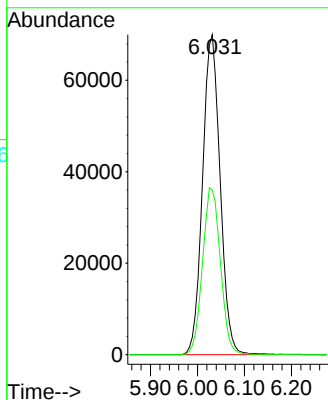
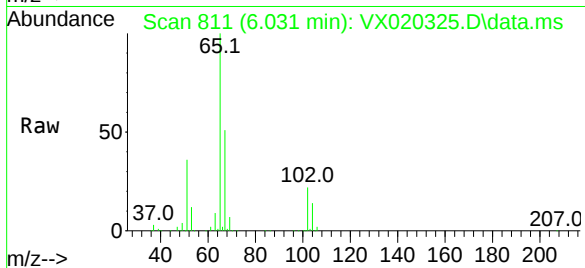
Acq: 23 Dec 2020 00:26

Tgt Ion: 65 Resp: 181877

Ion Ratio Lower Upper

65 100

67 53.1 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: VX020325.D

Acq: 23 Dec 2020 00:26

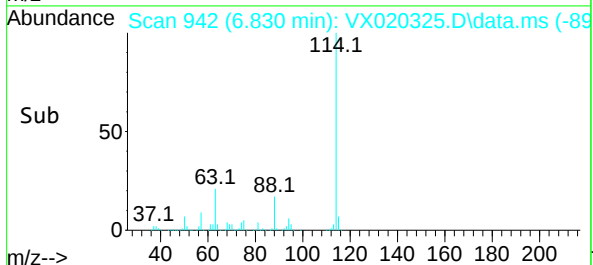
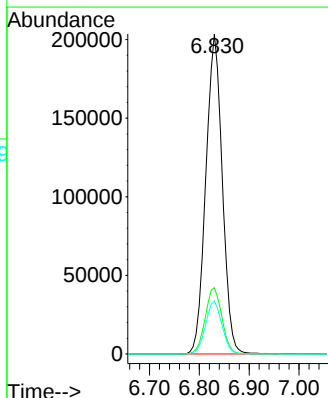
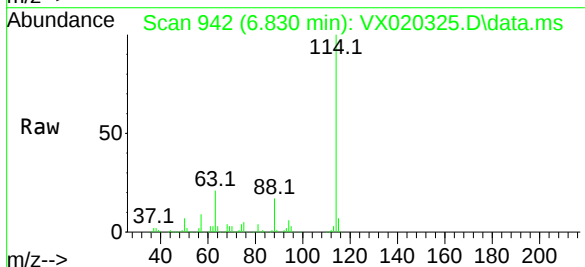
Tgt Ion: 114 Resp: 466667

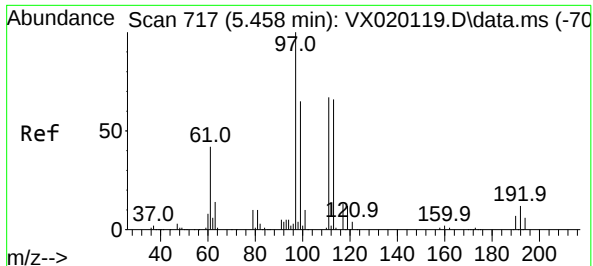
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

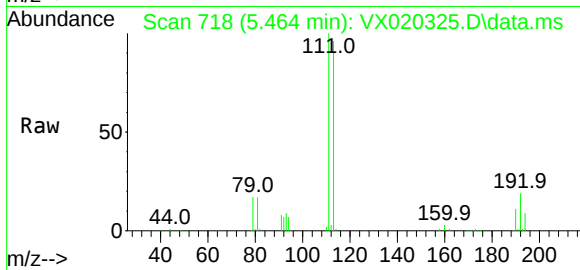
88 16.5 0.0 32.8



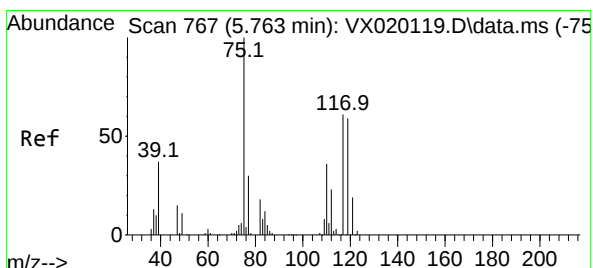
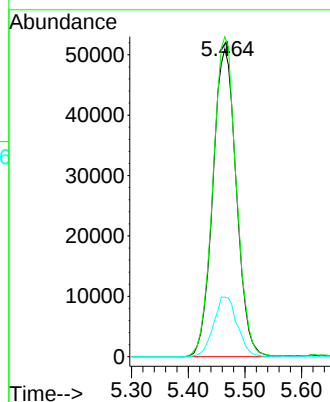
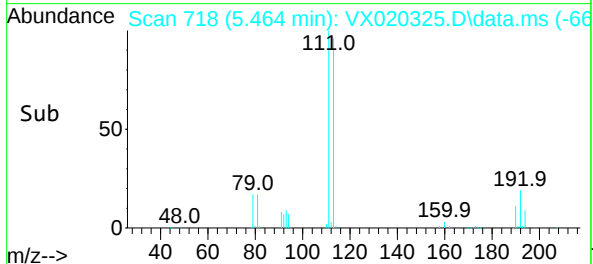


#35
Dibromofluoromethane
Concen: 49.15 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

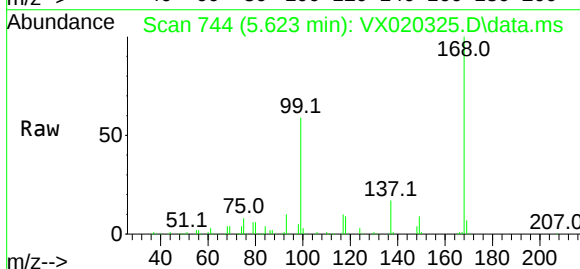
Instrument :
MSVOA_X
ClientSampled :
BFB



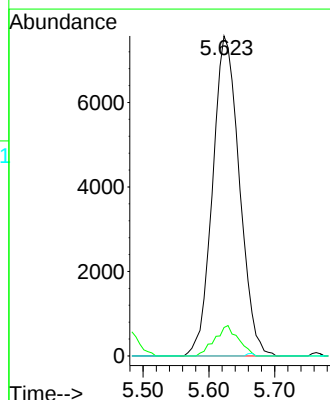
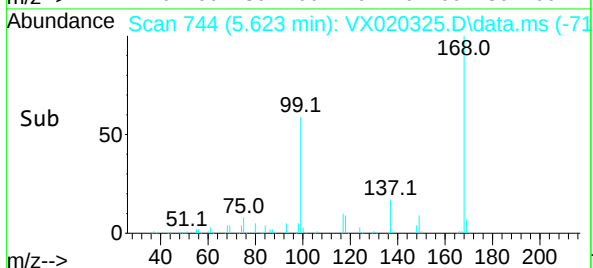
Tgt Ion:113 Resp: 146723
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.6 16.7 25.1

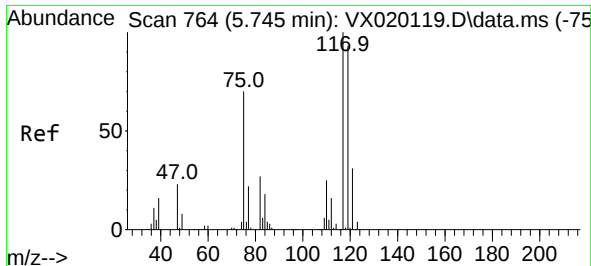


#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26



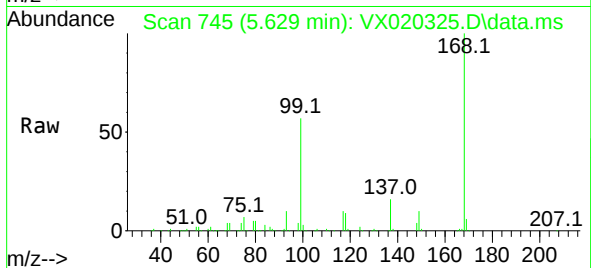
Tgt Ion: 75 Resp: 21466
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



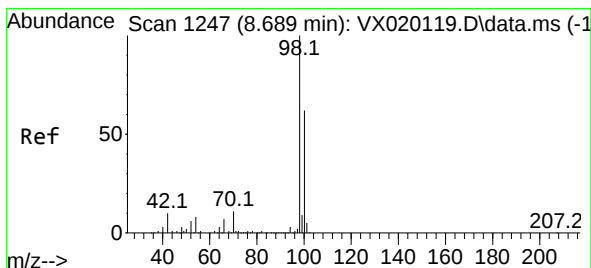
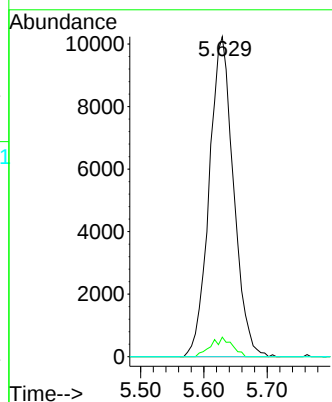
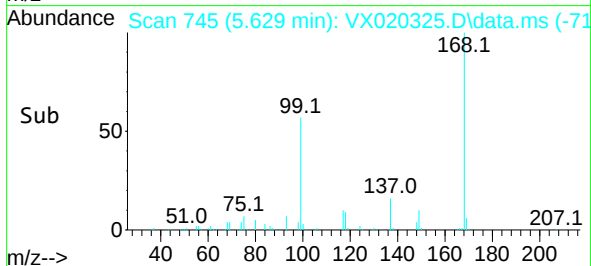


#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

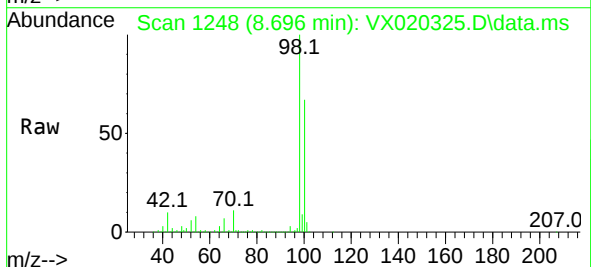
Instrument :
MSVOA_X
ClientSampled :
BFB



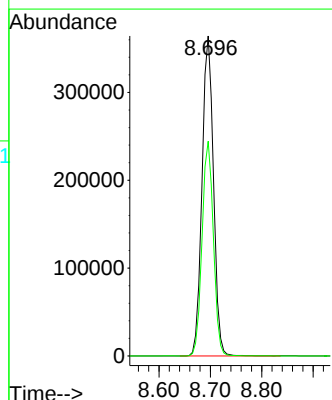
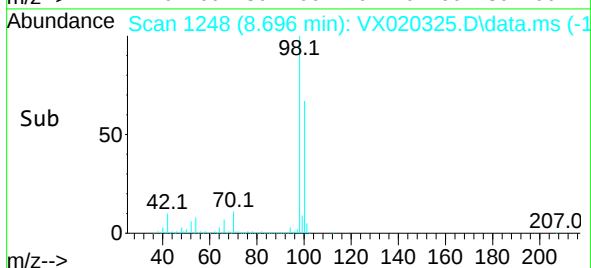
Tgt Ion:117 Resp: 27307
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

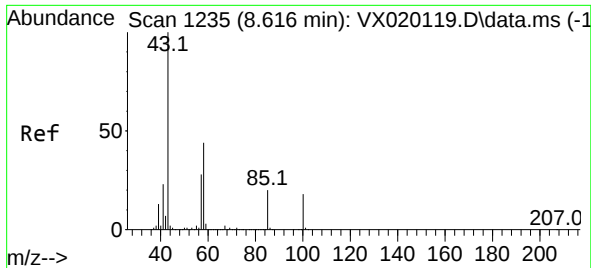


#50
Toluene-d8
Concen: 48.94 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26



Tgt Ion: 98 Resp: 562391
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

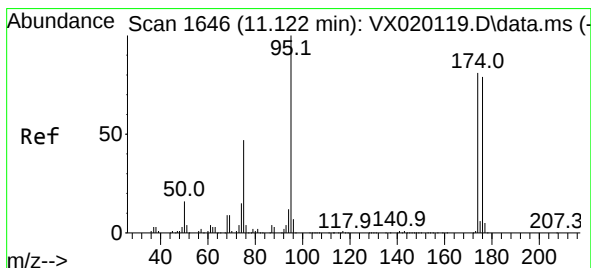
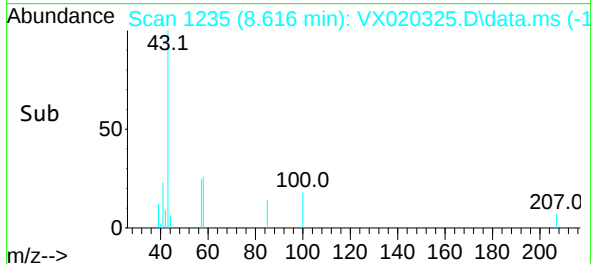
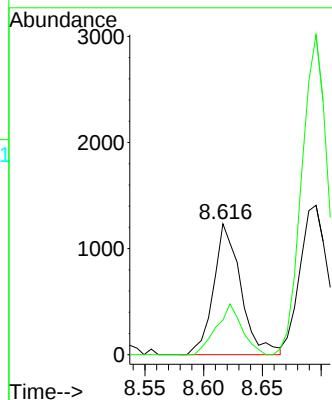
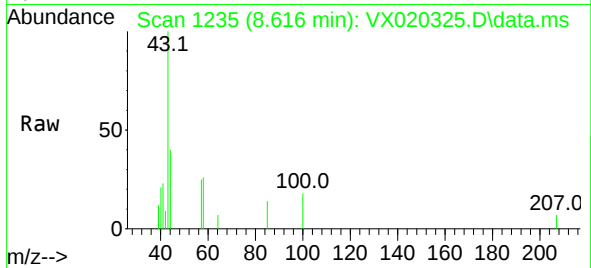




#51
4-Methyl-2-Pentanone
Concen: 0.43 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

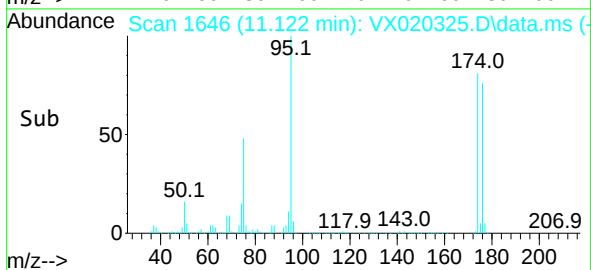
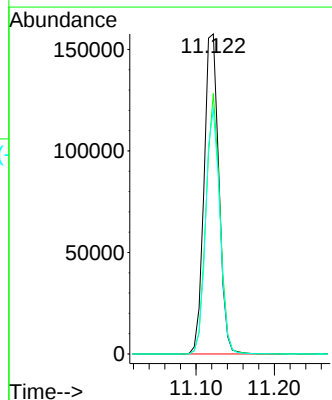
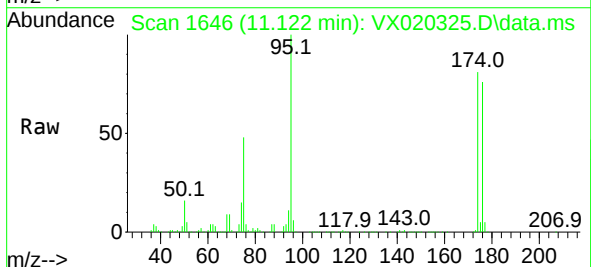
Instrument :
MSVOA_X
ClientSampled :
BFB

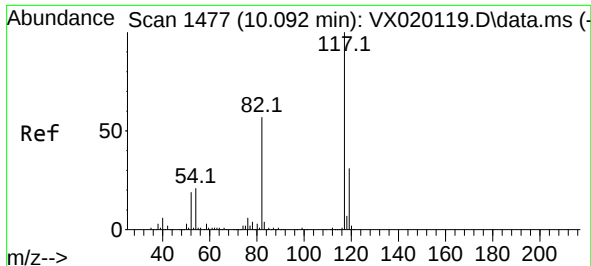
Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
58 36.3 35.4 53.0



#62
4-Bromofluorobenzene
Concen: 46.97 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

Tgt Ion: 95 Resp: 206575
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 73.8 0.0 155.8

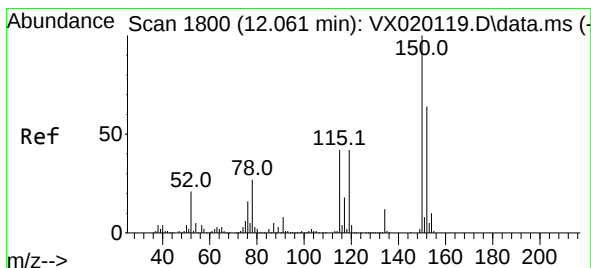
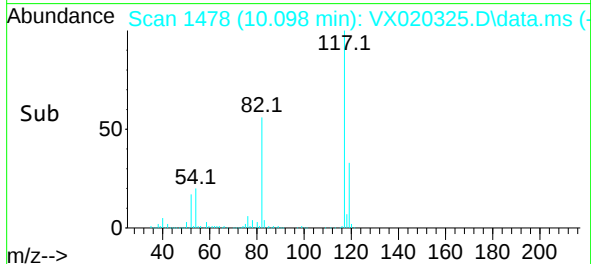
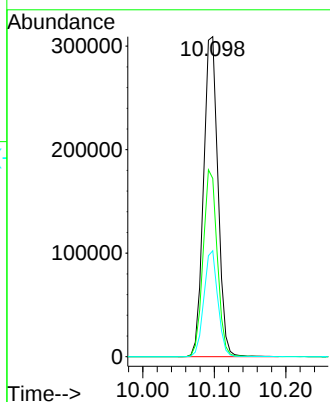
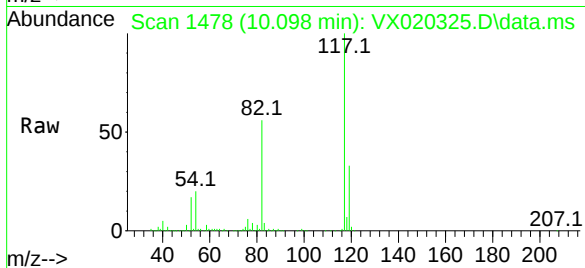




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

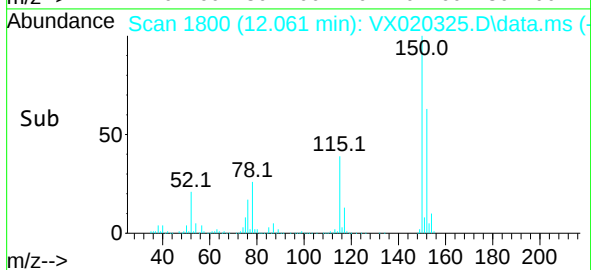
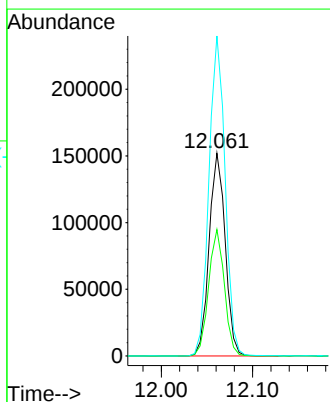
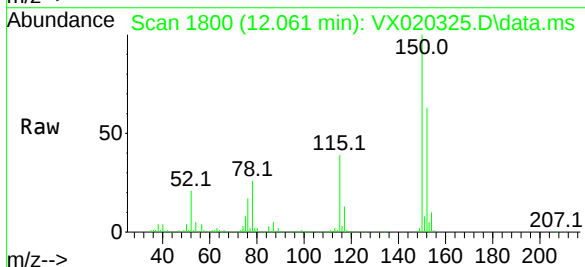
Instrument :
MSVOA_X
ClientSampleId :
BFB

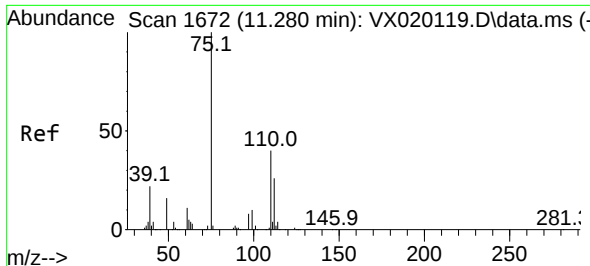
Tgt Ion:117 Resp: 433394
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 33.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

Tgt Ion:152 Resp: 185667
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 158.3 0.0 349.0

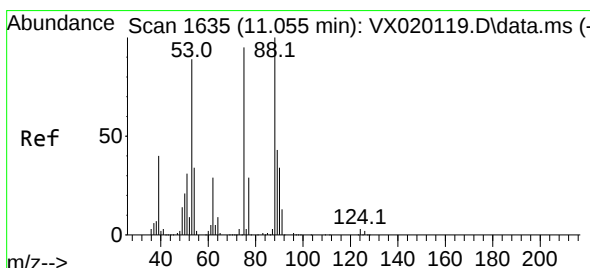
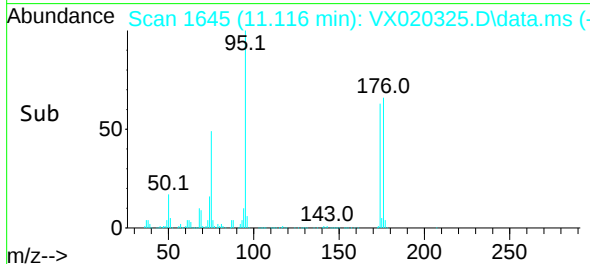
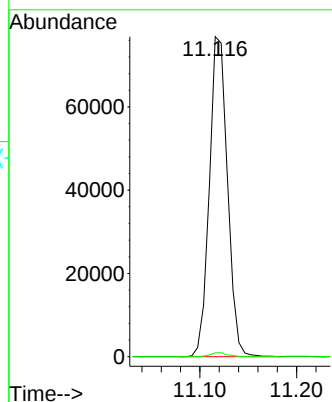
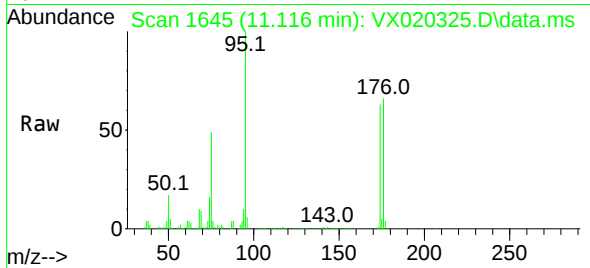




#76
1,2,3-Trichloropropane
Concen: 21.94 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 75 Resp: 100339
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.09 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020325.D
Acq: 23 Dec 2020 00:26

Tgt Ion: 75 Resp: 100339
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

