

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX018998.D
 Acq On : 21 Oct 2020 10:14
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Oct 21 11:59:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 11:52:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	386491	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	686096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	603631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	264878	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	10505	1.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.88%	
35) Dibromofluoromethane	5.46	113	7544	1.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.24%	
50) Toluene-d8	8.70	98	25988	1.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.02%	
62) 4-Bromofluorobenzene	11.12	95	8519	1.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	2776	0.775	ug/l 93
3) Chloromethane	1.31	50	4097	0.971	ug/l 97
4) Vinyl Chloride	1.39	62	4814	1.035	ug/l 94
5) Bromomethane	1.63	94	6555	2.161	ug/l 94
6) Chloroethane	1.72	64	3912	1.389	ug/l # 85
7) Trichlorofluoromethane	1.92	101	8410	1.156	ug/l 99
8) Diethyl Ether	2.17	74	3694	1.409	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3688	1.004	ug/l 97
10) Methyl Iodide	2.49	142	3727	0.930	ug/l 94
11) Tert butyl alcohol	3.01	59	5341	5.443	ug/l # 87
12) 1,1-Dichloroethene	2.36	96	4104	1.104	ug/l 83
13) Acrolein	2.28	56	4236	6.972	ug/l 93
14) Allyl chloride	2.71	41	5576	0.806	ug/l 94
15) Acrylonitrile	3.12	53	9857	4.436	ug/l 96
16) Acetone	2.42	43	9230	4.508	ug/l 94
17) Carbon Disulfide	2.55	76	12411	1.117	ug/l 98
18) Methyl Acetate	2.75	43	4387	0.874	ug/l 97
19) Methyl tert-butyl Ether	3.17	73	11728	0.902	ug/l 93
20) Methylene Chloride	2.83	84	4624	1.000	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	4855	1.103	ug/l 97
22) Diisopropyl ether	3.82	45	9401	0.718	ug/l 95
23) Vinyl Acetate	3.78	43	43987	3.753	ug/l 99
24) 1,1-Dichloroethane	3.67	63	7142	0.912	ug/l 99
25) 2-Butanone	4.64	43	12432	3.886	ug/l 93
26) 2,2-Dichloropropane	4.55	77	6813	0.932	ug/l 86
27) cis-1,2-Dichloroethene	4.56	96	5201	1.047	ug/l 95
28) Bromochloromethane	4.98	49	3383	0.938	ug/l 89
29) Tetrahydrofuran	5.09	42	7240	3.657	ug/l 100
30) Chloroform	5.17	83	7663	0.949	ug/l 99
31) Cyclohexane	5.54	56	6149	0.950	ug/l # 79
32) 1,1,1-Trichloroethane	5.46	97	7190	0.960	ug/l # 50
36) 1,1-Dichloropropene	5.78	75	6397	0.973	ug/l 97
37) Ethyl Acetate	4.79	43	5139	0.752	ug/l # 93
38) Carbon Tetrachloride	5.75	117	6005	0.840	ug/l # 79

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 BFB

Quant Time: Oct 21 11:59:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 11:52:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.43	83	6507	0.882	ug/l #	82
40) Benzene	6.10	78	17258	0.907	ug/l	98
41) Methacrylonitrile	4.99	41	1126	0.299	ug/l #	50
42) 1,2-Dichloroethane	6.16	62	6315	0.870	ug/l	96
43) Isopropyl Acetate	6.42	43	8415	0.741	ug/l	97
44) Trichloroethene	7.19	130	4613	0.845	ug/l	89
45) 1,2-Dichloropropane	7.49	63	4103	0.799	ug/l	93
46) Dibromomethane	7.64	93	3180	0.895	ug/l	92
47) Bromodichloromethane	7.87	83	5965	0.833	ug/l #	87
48) Methyl methacrylate	7.74	41	3739	0.682	ug/l	93
49) 1,4-Dioxane	7.72	88	1989	20.387	ug/l #	86
51) 4-Methyl-2-Pentanone	8.62	43	24032	3.547	ug/l	97
52) Toluene	8.76	92	10136	0.834	ug/l	93
53) t-1,3-Dichloropropene	9.02	75	6858	0.837	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	7275	0.867	ug/l #	94
55) 1,1,2-Trichloroethane	9.20	97	4099	0.819	ug/l	95
56) Ethyl methacrylate	9.16	69	6563	0.890	ug/l	93
57) 1,3-Dichloropropane	9.35	76	7105	0.849	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	15988	4.103	ug/l	99
59) 2-Hexanone	9.47	43	18722	3.635	ug/l	96
60) Dibromochloromethane	9.57	129	3963	0.673	ug/l	97
61) 1,2-Dibromoethane	9.65	107	4533	0.851	ug/l	94
64) Tetrachloroethene	9.32	164	4217	0.904	ug/l	89
65) Chlorobenzene	10.12	112	11670	0.937	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	3769	0.768	ug/l #	63
67) Ethyl Benzene	10.24	91	19689	0.915	ug/l	95
68) m/p-Xylenes	10.34	106	14536	1.765	ug/l	92
69) o-Xylene	10.68	106	7199	0.927	ug/l	98
70) Styrene	10.70	104	11653	0.874	ug/l	97
71) Bromoform	10.84	173	2644	0.645	ug/l #	97
73) Isopropylbenzene	11.00	105	18355	1.031	ug/l	96
74) N-amyl acetate	10.88	43	6479	0.856	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	5703	0.978	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	7697	1.398	ug/l	85
77) Bromobenzene	11.24	156	4583	0.945	ug/l	92
78) n-propylbenzene	11.34	91	21609	1.048	ug/l	95
79) 2-Chlorotoluene	11.40	91	12870	1.034	ug/l	94
80) 1,3,5-Trimethylbenzene	11.49	105	14931	0.987	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	2263	1.057	ug/l	89
82) 4-Chlorotoluene	11.49	91	15702	1.061	ug/l	91
83) tert-Butylbenzene	11.76	119	14270	0.965	ug/l	90
84) 1,2,4-Trimethylbenzene	11.79	105	14795	0.974	ug/l	99
85) sec-Butylbenzene	11.93	105	17882	1.029	ug/l	98
86) p-Isopropyltoluene	12.05	119	16115	1.008	ug/l	91
87) 1,3-Dichlorobenzene	12.01	146	8719	0.997	ug/l	96
88) 1,4-Dichlorobenzene	12.01	146	8719	0.981	ug/l	96
89) n-Butylbenzene	12.37	91	15914	1.079	ug/l	98
90) Hexachloroethane	12.58	117	2409	0.776	ug/l	82
91) 1,2-Dichlorobenzene	12.38	146	8014	0.973	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1488	1.064	ug/l	82

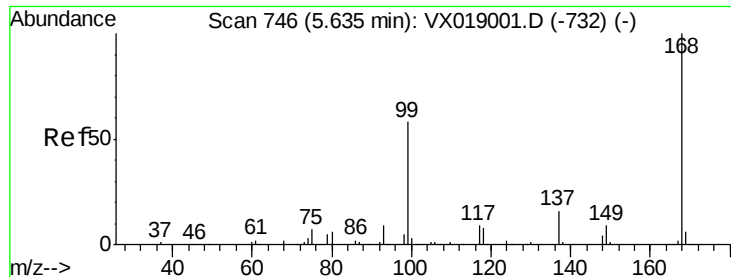
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102120\
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Quant Title : SW846 8260
QLast Update : Wed Oct 21 11:52:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	6178	1.086	ug/l	92
94) Hexachlorobutadiene	13.76	225	3165	1.337	ug/l	92
95) Naphthalene	13.82	128	19816	1.143	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	6115	1.131	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

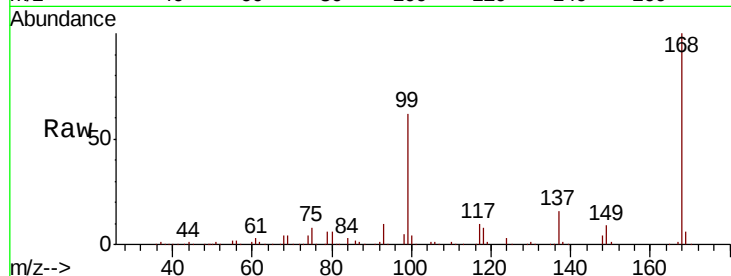
BFB

Tot Ion:168 Resp: 386491

Ion Ratio Lower Upper

168 100

99 61.7 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

150000

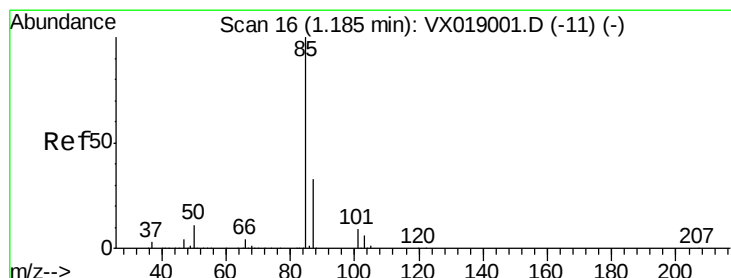
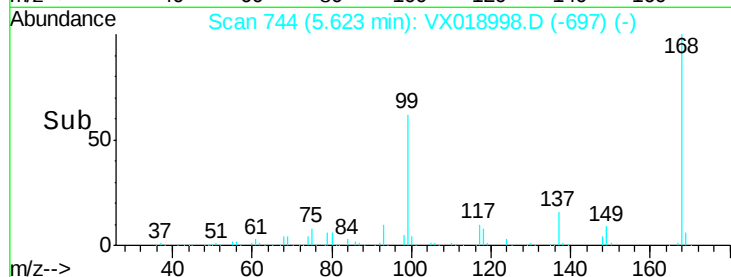
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 0.775 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018998.D

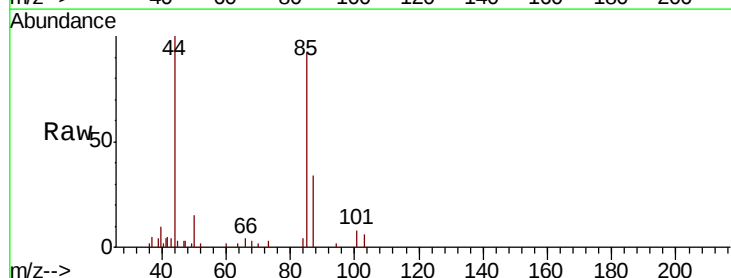
Acq: 21 Oct 2020 10:14

Tgt Ion: 85 Resp: 2776

Ion Ratio Lower Upper

85 100

87 36.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

3000

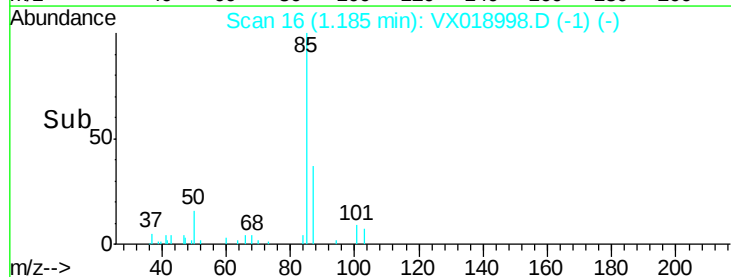
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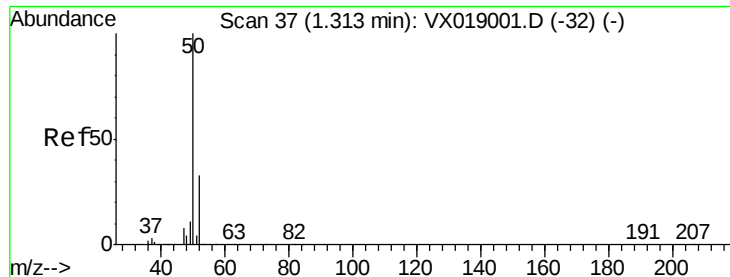
1000

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 0.971 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

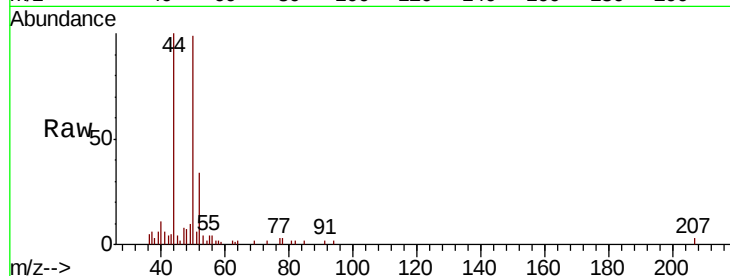
BFB

Tot Ion: 50 Resp: 4097

Ion Ratio Lower Upper

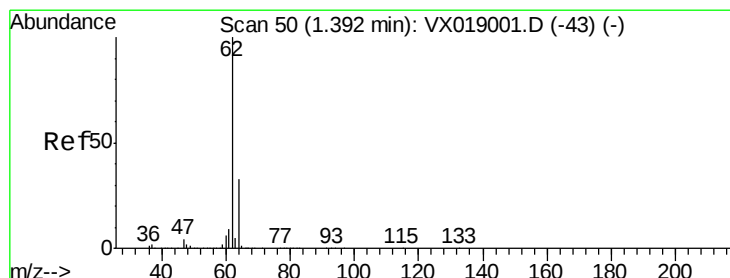
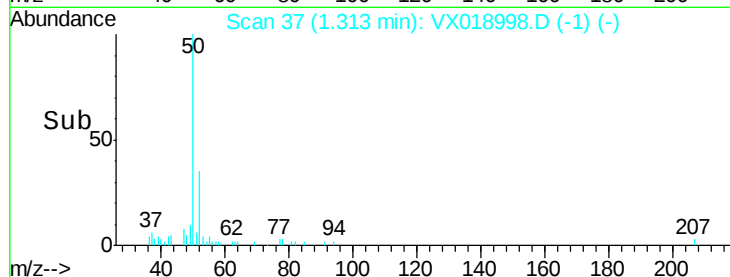
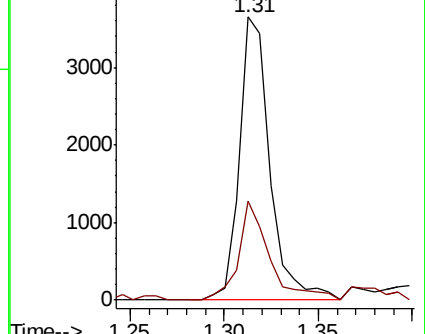
50 100

52 34.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.035 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018998.D

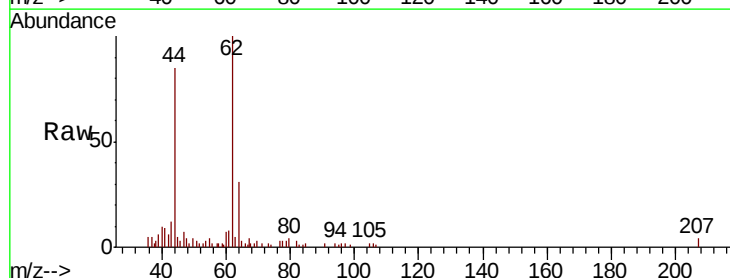
Acq: 21 Oct 2020 10:14

Tgt Ion: 62 Resp: 4814

Ion Ratio Lower Upper

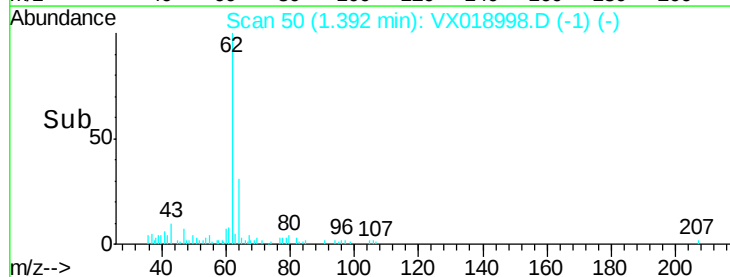
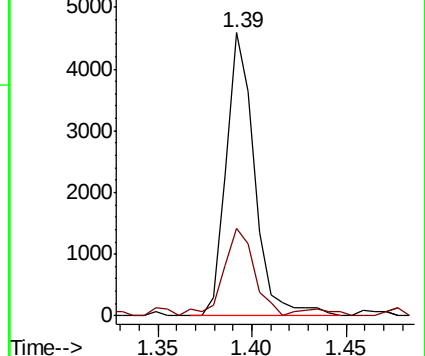
62 100

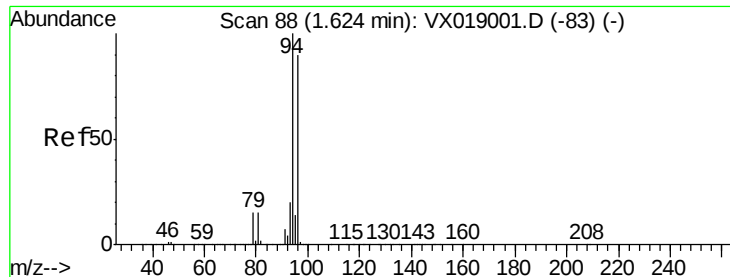
64 29.4 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 2.161 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

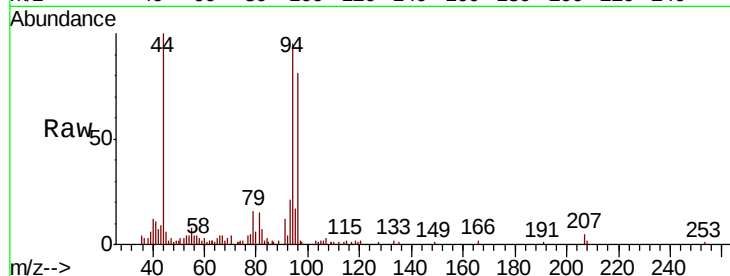
BFB

Tot Ion: 94 Resp: 6555

Ion Ratio Lower Upper

94 100

96 84.4 72.3 108.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

5000

4000

3000

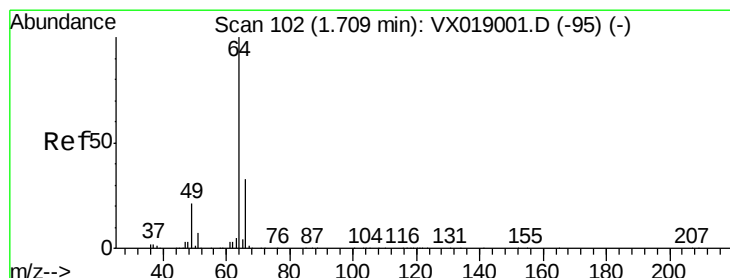
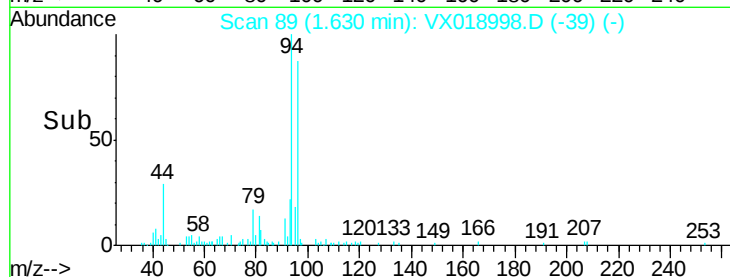
2000

1000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 1.389 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018998.D

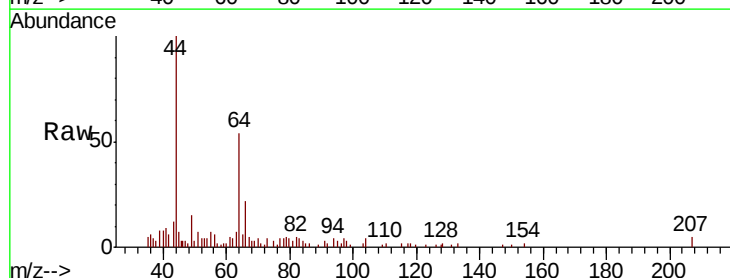
Acq: 21 Oct 2020 10:14

Tgt Ion: 64 Resp: 3912

Ion Ratio Lower Upper

64 100

66 41.1 26.1 39.1#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

3000

2500

2000

1500

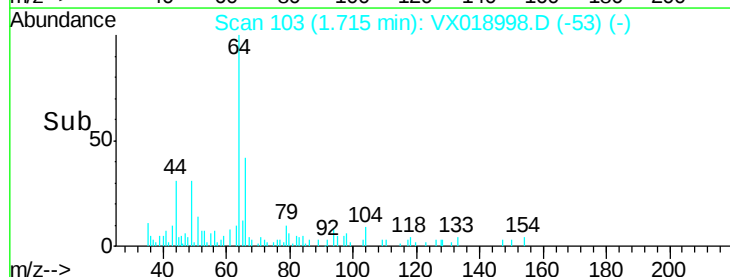
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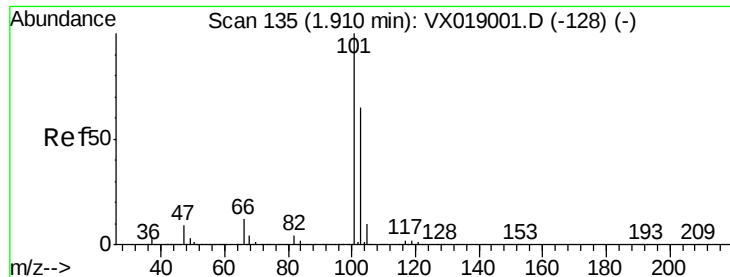
500

0

1.65 1.70 1.75 1.80

Time-->



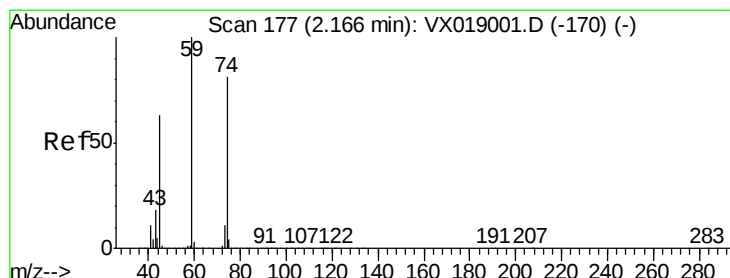
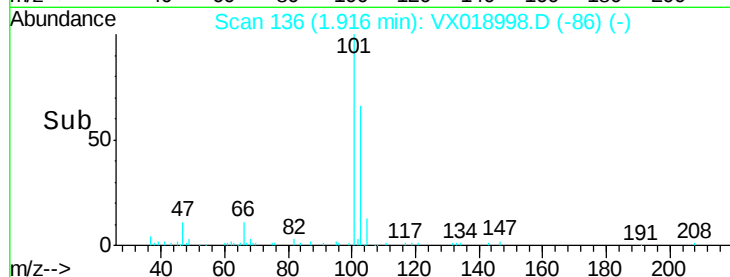
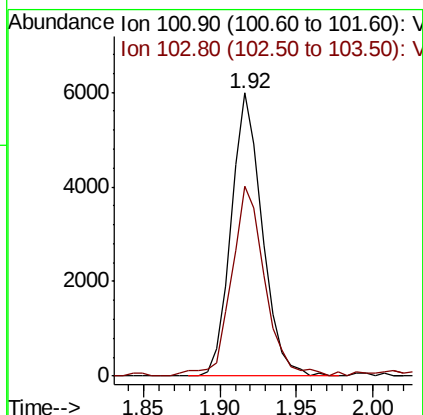
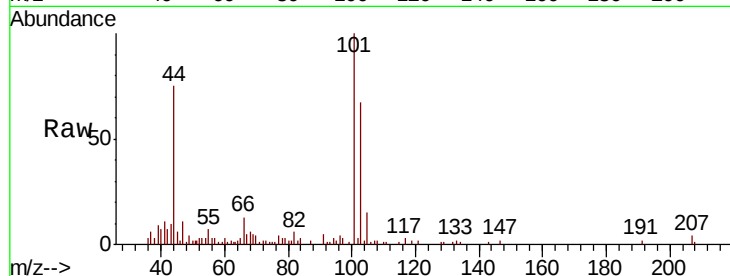


#7

Trichlorofluoromethane
Concen: 1.156 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX018998.D
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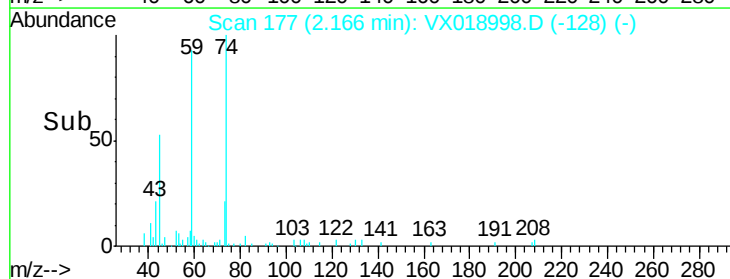
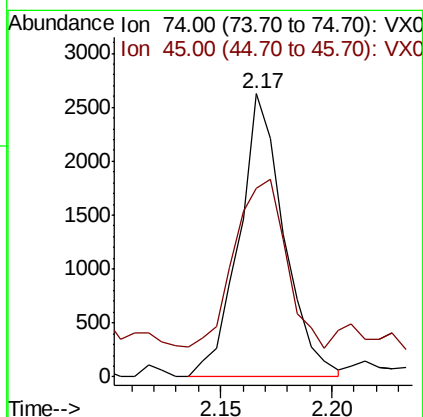
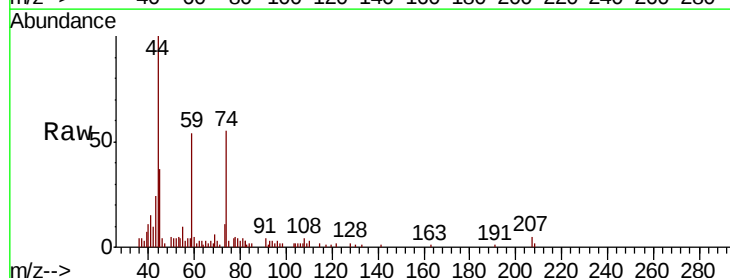
Tot Ion:101 Resp: 8410
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.6

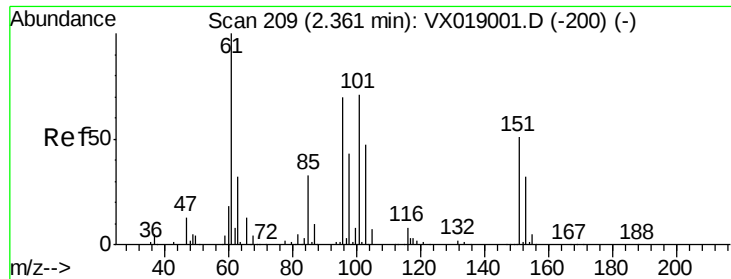


#8

Diethyl Ether
Concen: 1.409 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Tgt Ion: 74 Resp: 3694
Ion Ratio Lower Upper
74 100
45 70.9 36.9 110.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.004 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

BFB

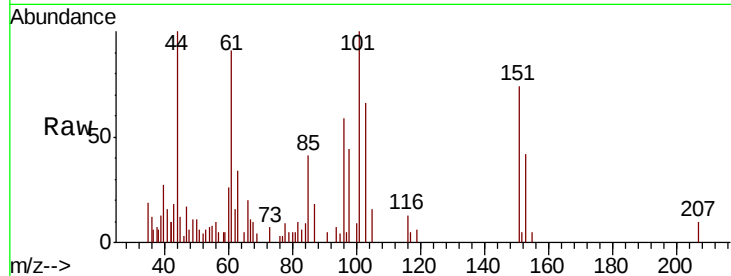
Tot Ion:101 Resp: 3688

Ion Ratio Lower Upper

101 100

85 45.7 35.1 52.7

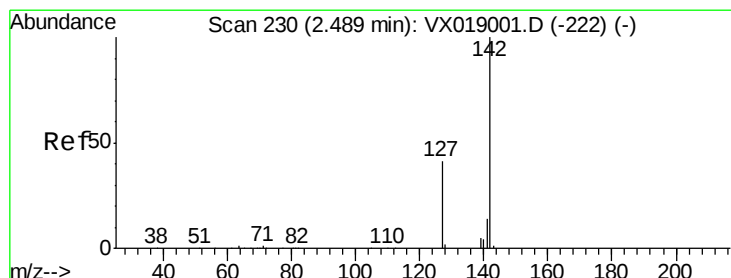
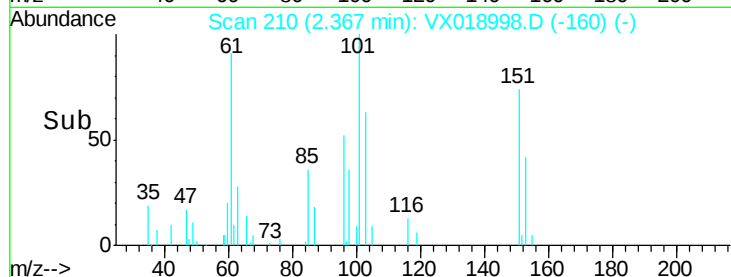
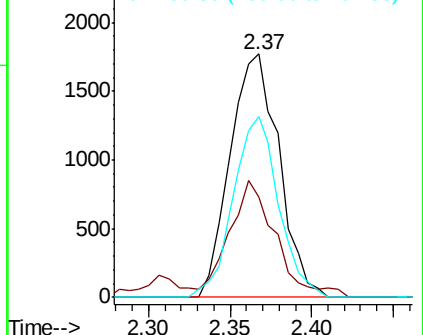
151 69.2 57.1 85.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.930 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

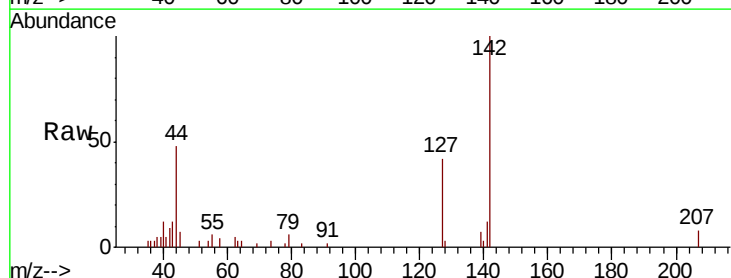
Tgt Ion:142 Resp: 3727

Ion Ratio Lower Upper

142 100

127 46.2 34.0 51.0

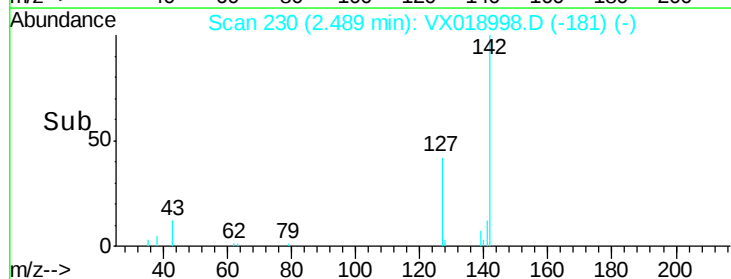
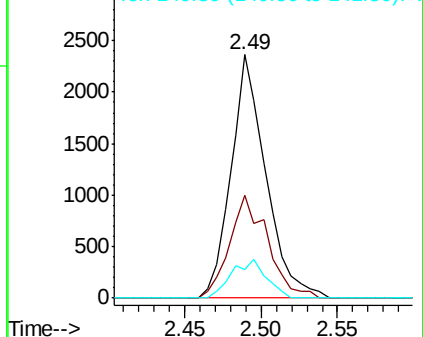
141 15.9 11.1 16.7

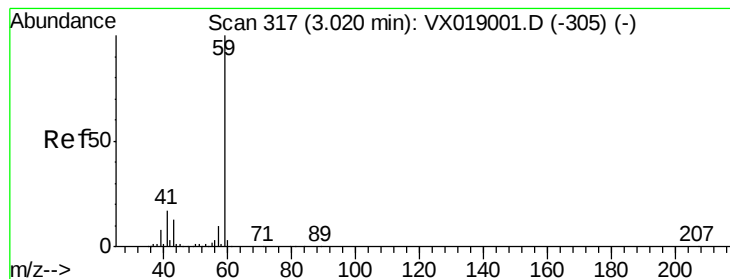


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



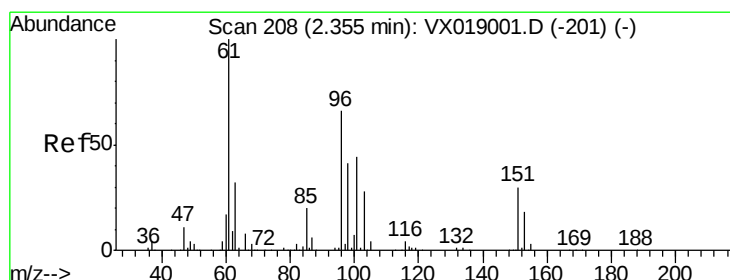
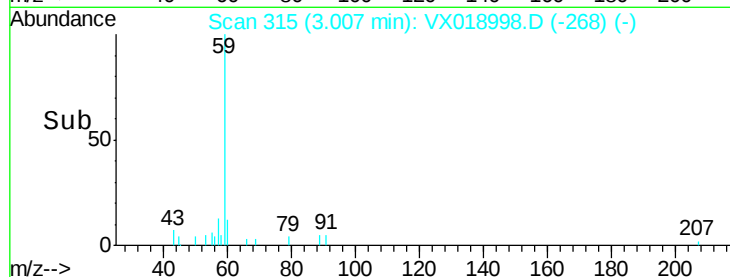
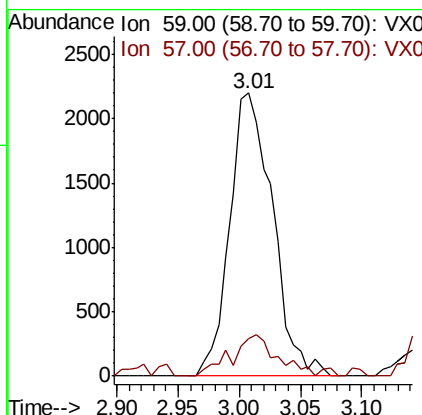
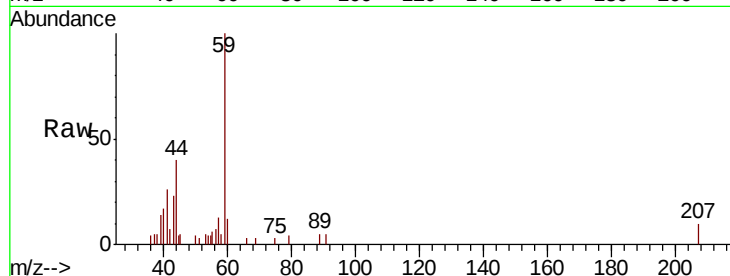


#11

Tert butyl alcohol
Concen: 5.443 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Instrument :
MSVOA_N
ClientSampled :
BFB

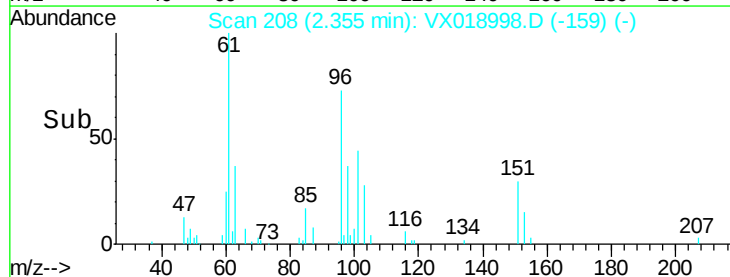
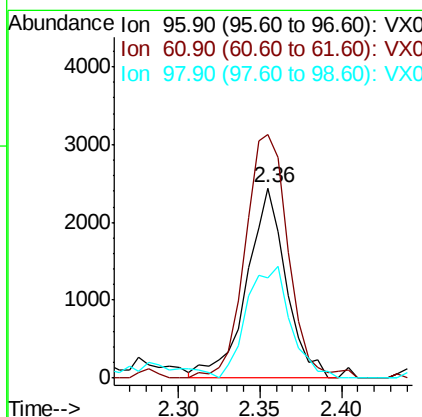
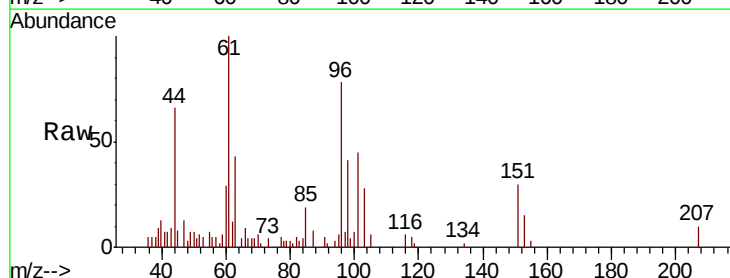
Tot Ion: 59 Resp: 5341
Ion Ratio Lower Upper
59 100
57 15.6 8.5 12.7#

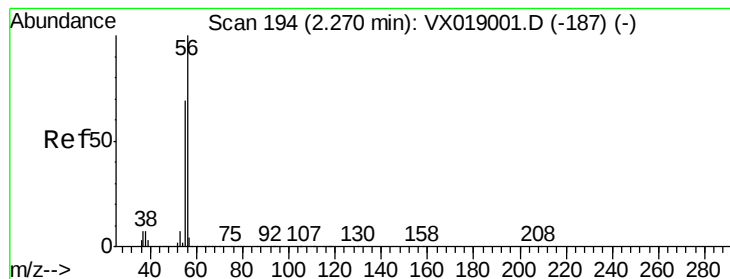


#12

1,1-Dichloroethene
Concen: 1.104 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Tgt Ion: 96 Resp: 4104
Ion Ratio Lower Upper
96 100
61 128.0 121.8 182.6
98 52.6 50.2 75.4





#13

Acrolein

Concen: 6.972 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

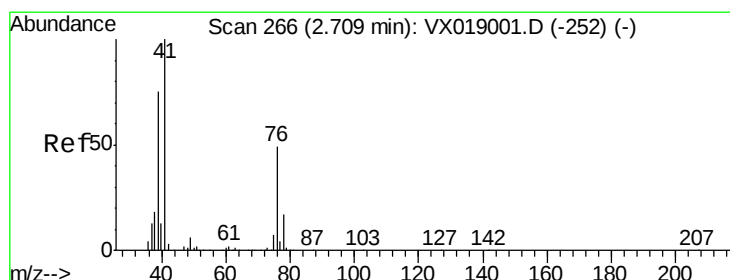
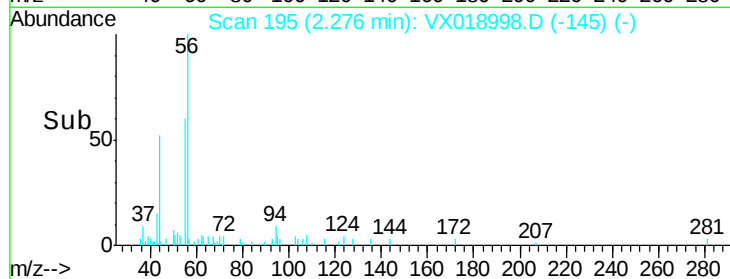
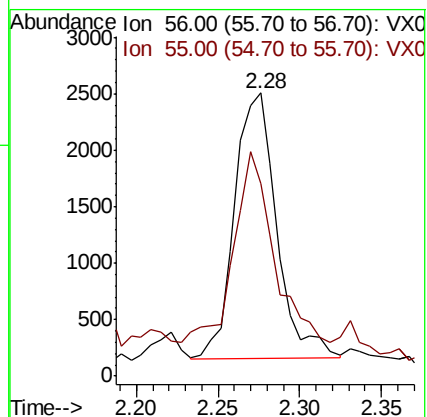
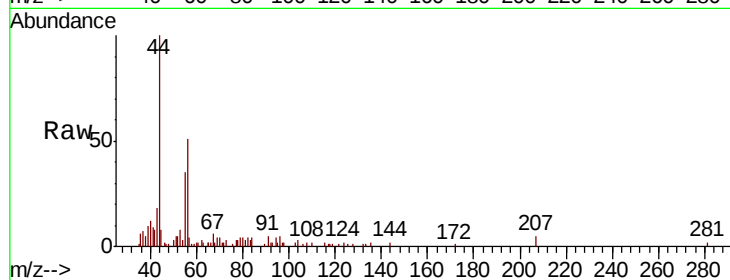
BFB

Tot Ion: 56 Resp: 4236

Ion Ratio Lower Upper

56 100

55 75.5 55.9 83.9



#14

Allyl chloride

Concen: 0.806 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

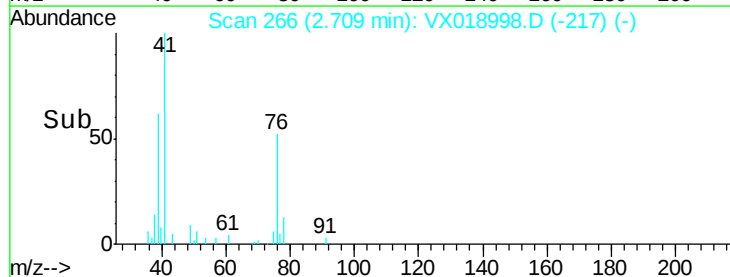
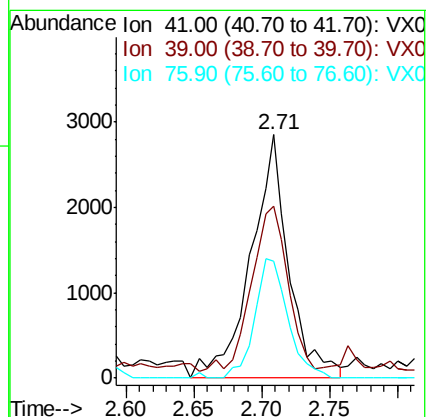
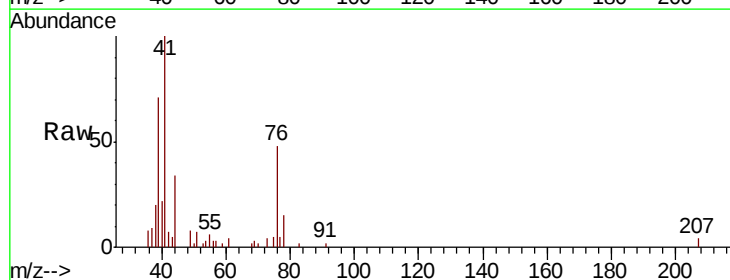
Tgt Ion: 41 Resp: 5576

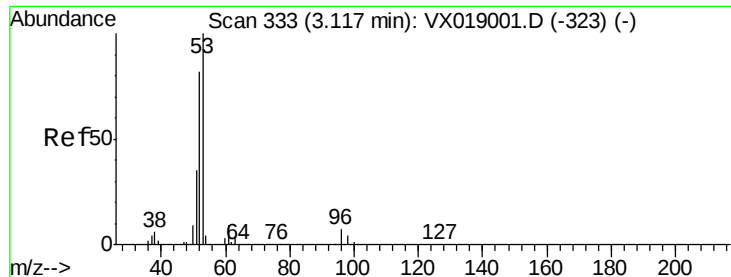
Ion Ratio Lower Upper

41 100

39 65.0 57.2 85.8

76 43.0 35.6 53.4





#15

Acrylonitrile

Concen: 4.436 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

BFB

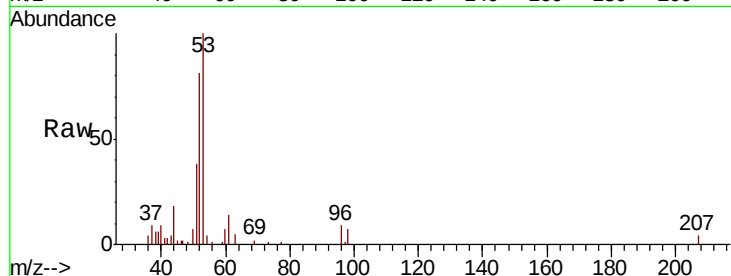
Tot Ion: 53 Resp: 9857

Ion Ratio Lower Upper

53 100

52 80.2 65.4 98.2

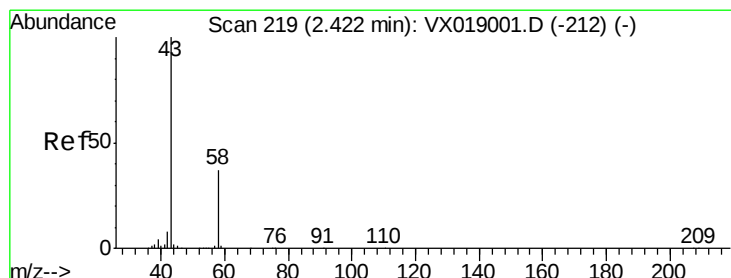
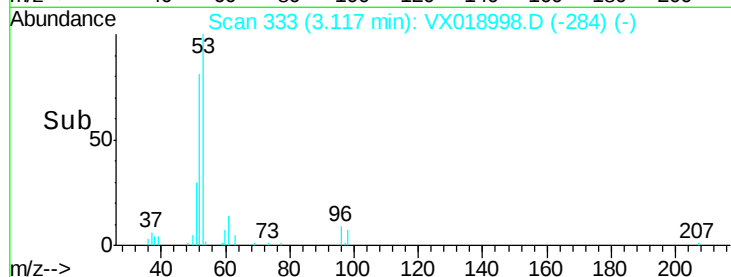
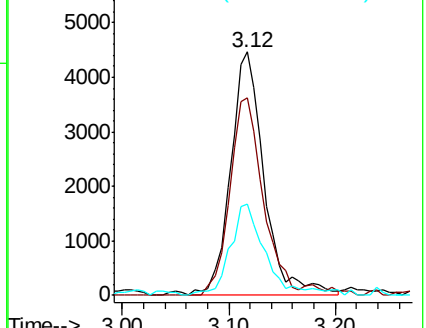
51 40.0 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 4.508 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018998.D

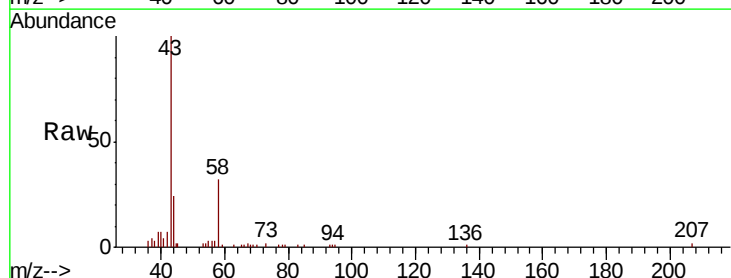
Acq: 21 Oct 2020 10:14

Tgt Ion: 43 Resp: 9230

Ion Ratio Lower Upper

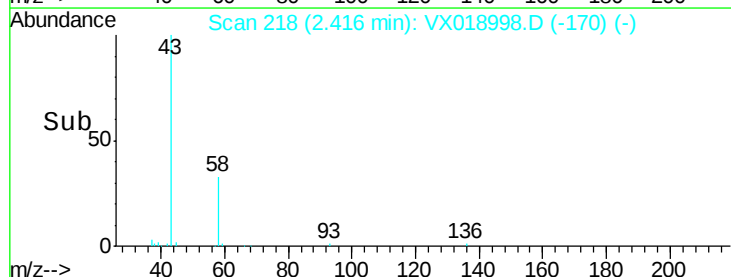
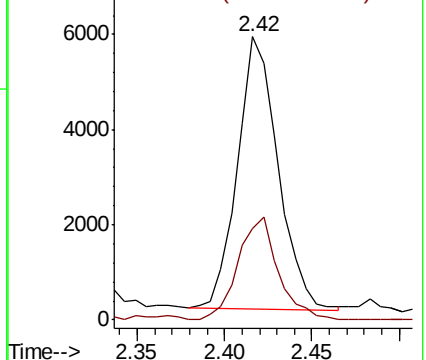
43 100

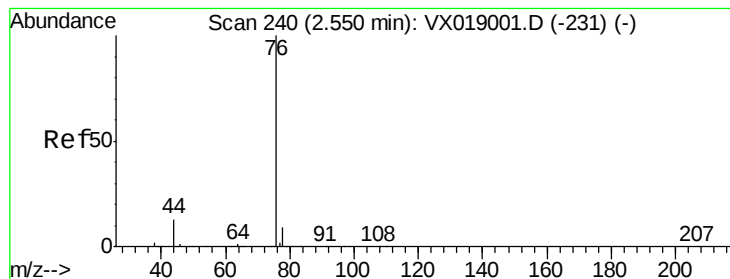
58 33.6 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.117 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

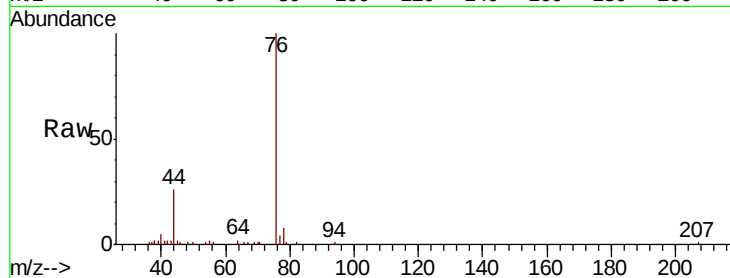
BFB

Tot Ion: 76 Resp: 12411

Ion Ratio Lower Upper

76 100

78 8.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

8000

6000

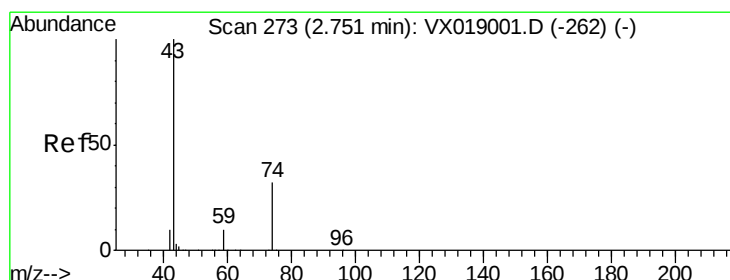
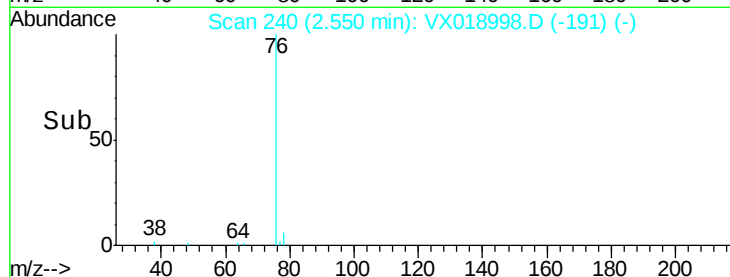
4000

2000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 0.874 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018998.D

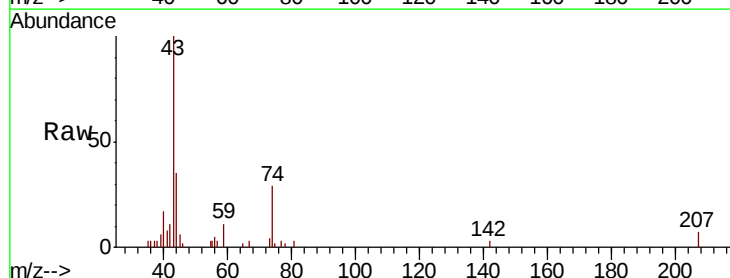
Acq: 21 Oct 2020 10:14

Tgt Ion: 43 Resp: 4387

Ion Ratio Lower Upper

43 100

74 30.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

2500

2000

1500

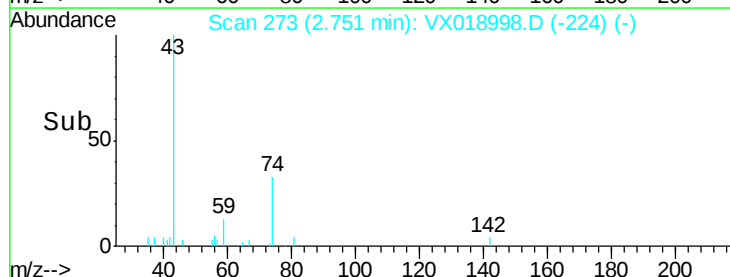
1000

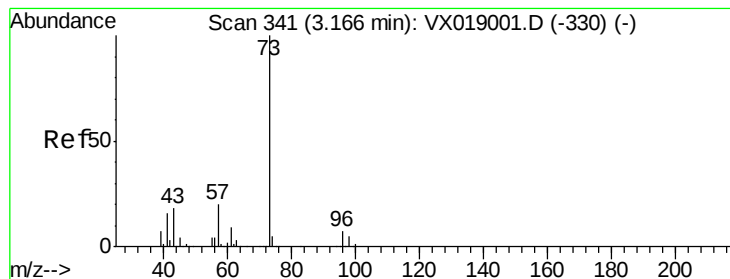
500

0

Time-->

2.70 2.75 2.80



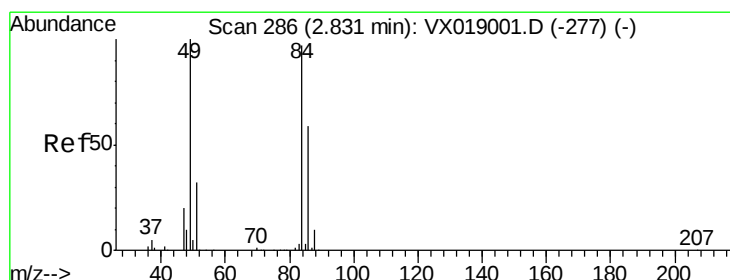
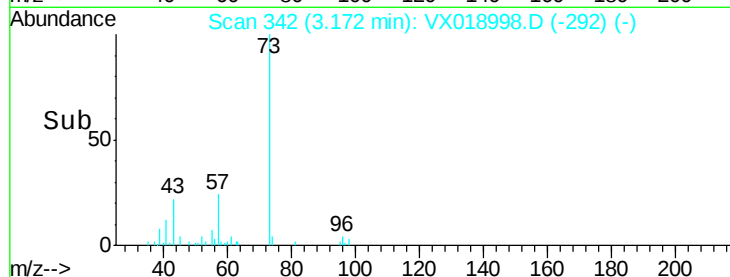
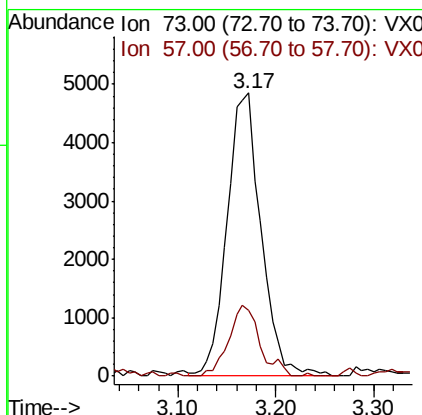
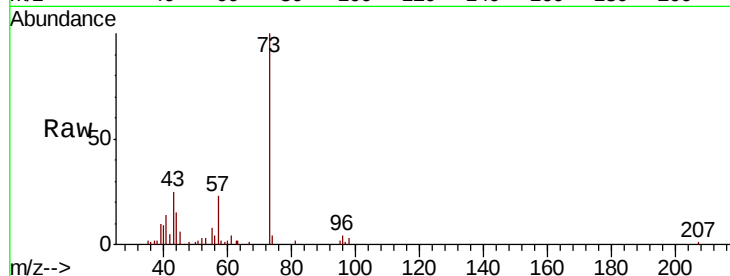


#19

Methyl tert-butyl Ether
 Concen: 0.902 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

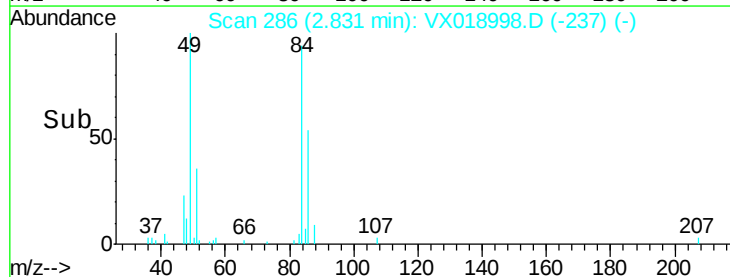
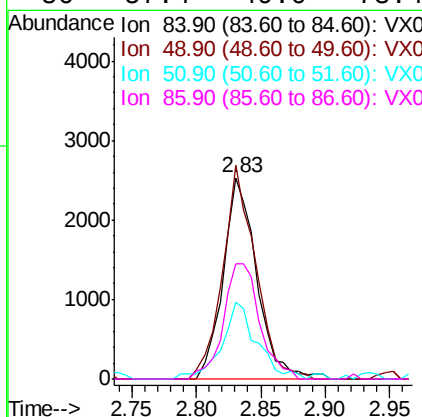
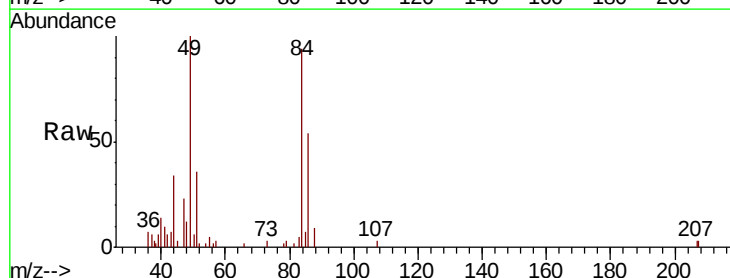
Tot Ion: 73 Resp: 11728
 Ion Ratio Lower Upper
 73 100
 57 23.4 16.2 24.4

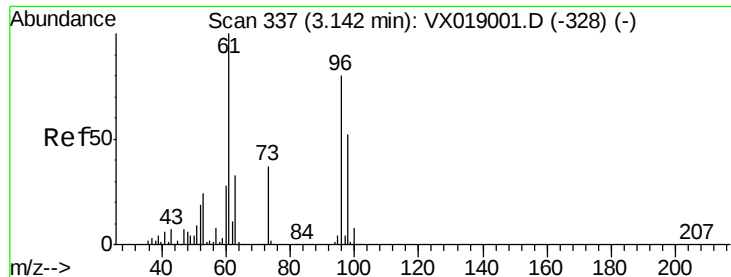


#20

Methylene Chloride
 Concen: 1.000 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

Tgt Ion: 84 Resp: 4624
 Ion Ratio Lower Upper
 84 100
 49 106.0 82.6 124.0
 51 37.9 26.6 39.8
 86 57.4 49.0 73.4





#21

trans-1,2-Dichloroethene

Concen: 1.103 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

BFB

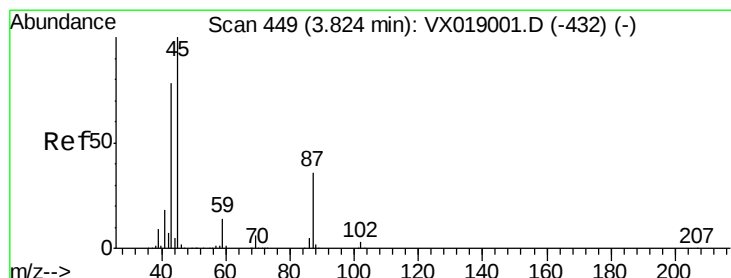
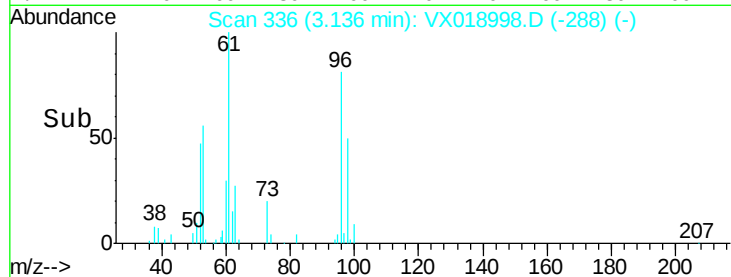
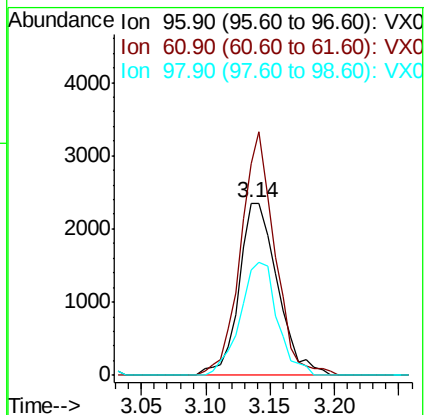
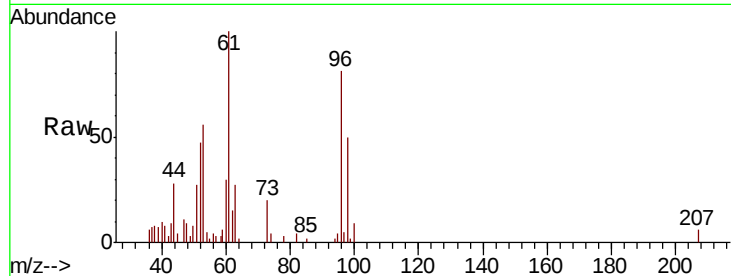
Tot Ion: 96 Resp: 4855

Ion Ratio Lower Upper

96 100

61 122.8 100.0 150.0

98 61.0 51.9 77.9



#22

Diisopropyl ether

Concen: 0.718 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Tgt Ion: 45 Resp: 9401

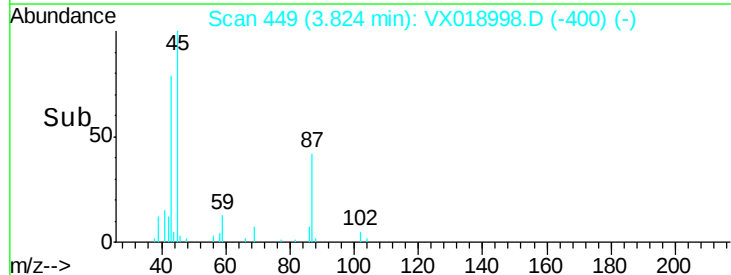
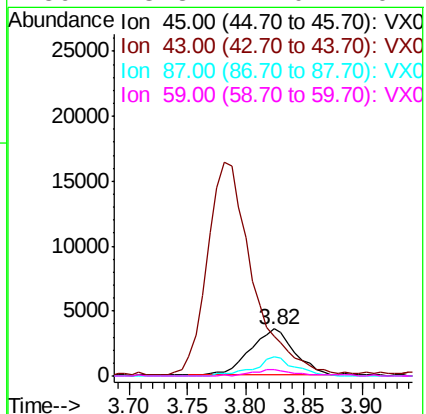
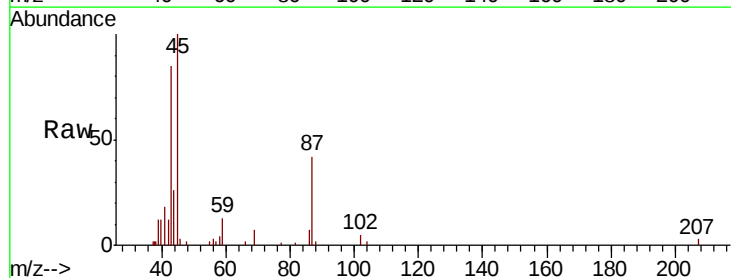
Ion Ratio Lower Upper

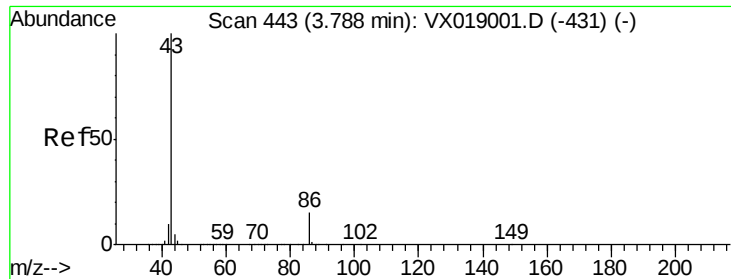
45 100

43 80.9 62.7 94.1

87 42.4 29.1 43.7

59 13.3 11.0 16.4





#23

Vinyl Acetate

Concen: 3.753 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

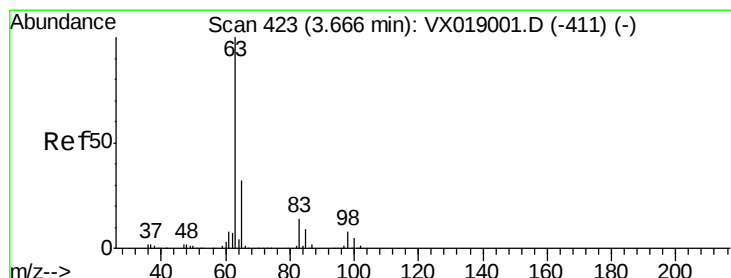
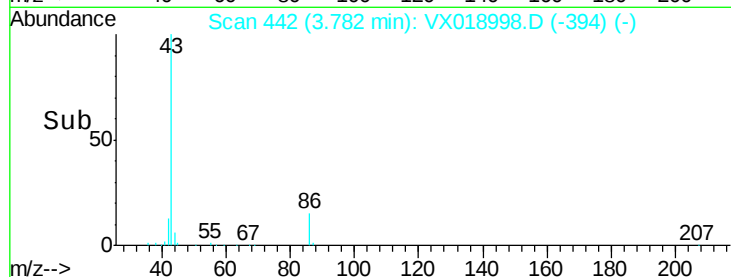
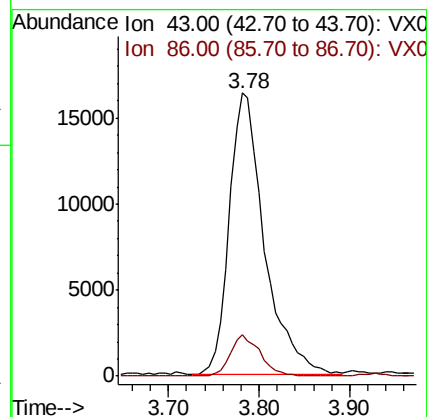
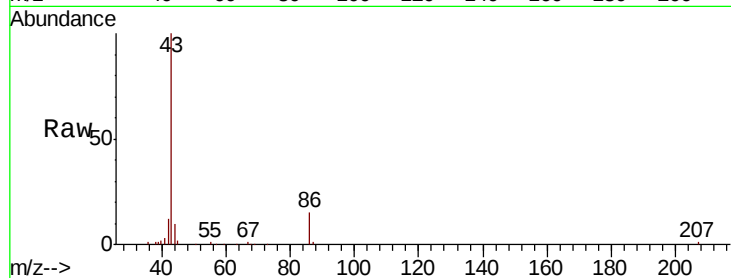
BFB

Tot Ion: 43 Resp: 43987

Ion Ratio Lower Upper

43 100

86 14.7 12.0 18.0



#24

1,1-Dichloroethane

Concen: 0.912 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

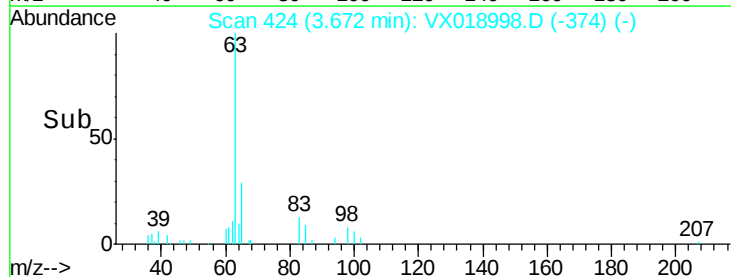
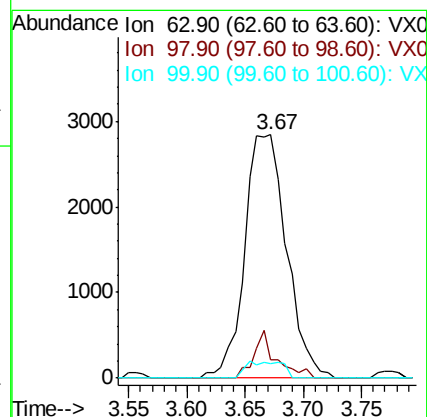
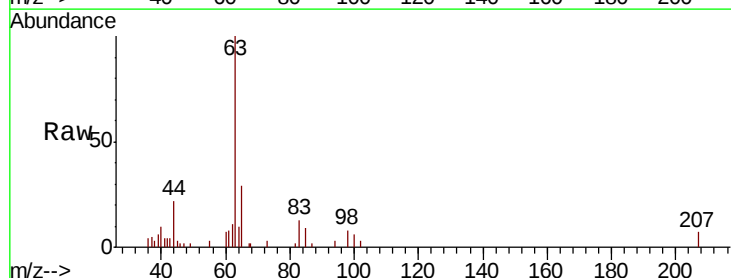
Tgt Ion: 63 Resp: 7142

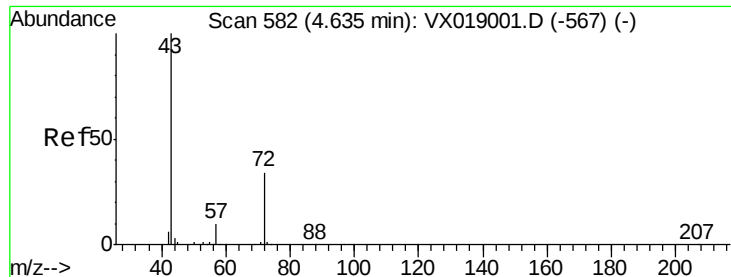
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 5.9 2.5 7.5

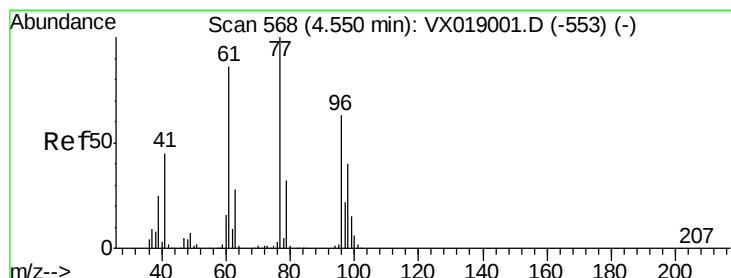
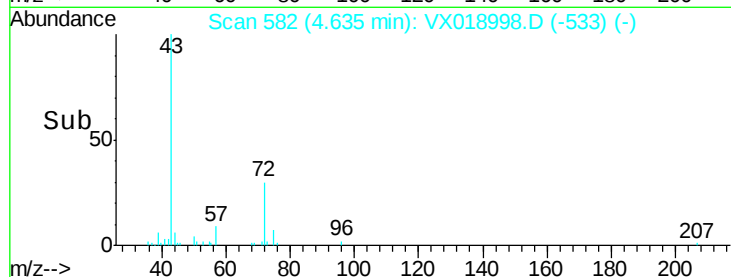
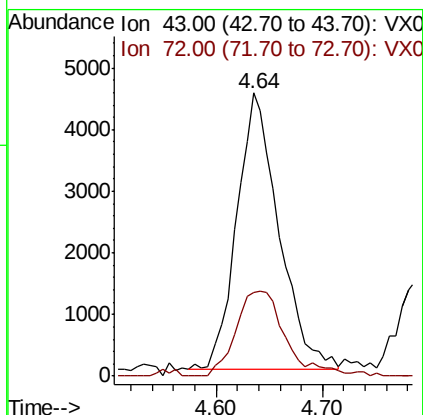
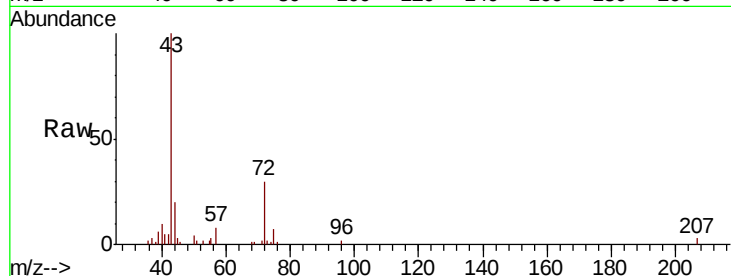




#25
2-Butanone
Concen: 3.886 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

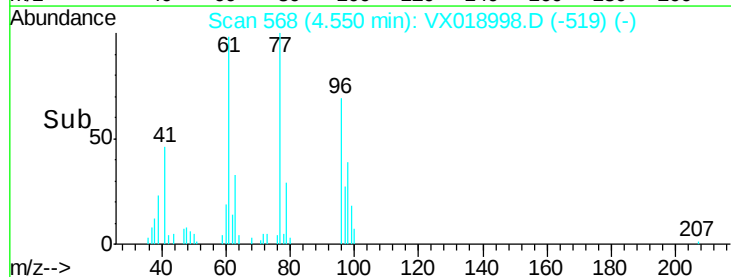
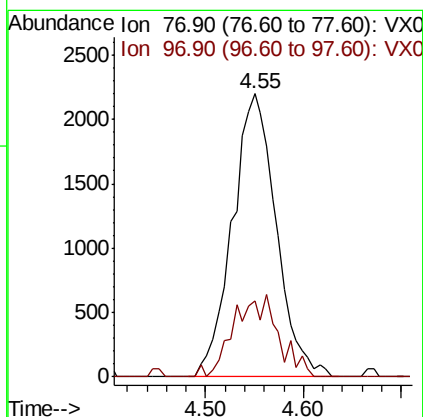
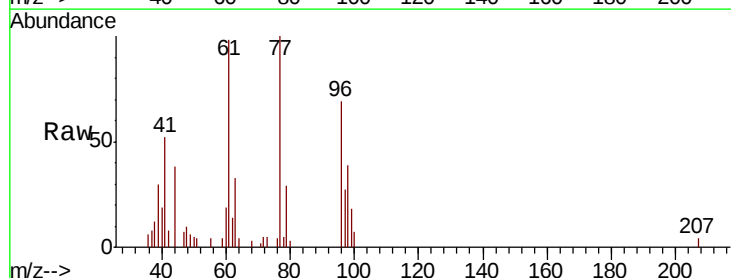
Instrument :
MSVOA_N
ClientSampled :
BFB

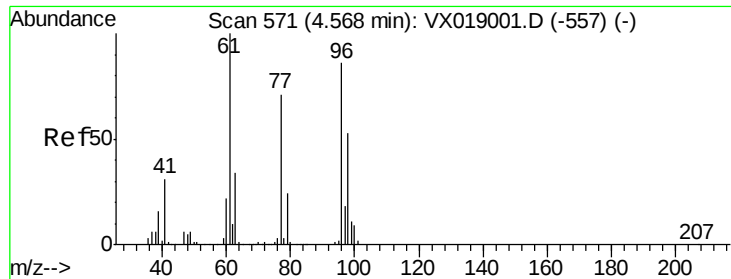
Tot Ion: 43 Resp: 12432
Ion Ratio Lower Upper
43 100
72 30.3 27.5 41.3



#26
2,2-Dichloropropane
Concen: 0.932 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Tgt Ion: 77 Resp: 6813
Ion Ratio Lower Upper
77 100
97 29.7 11.5 34.5

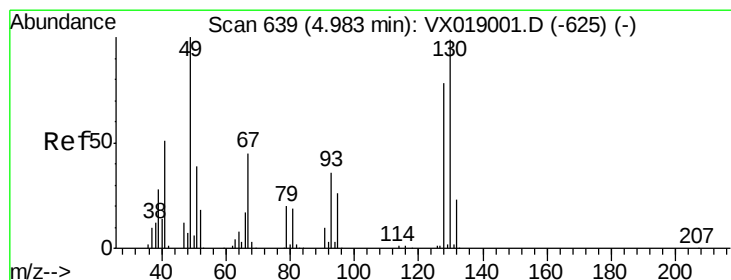
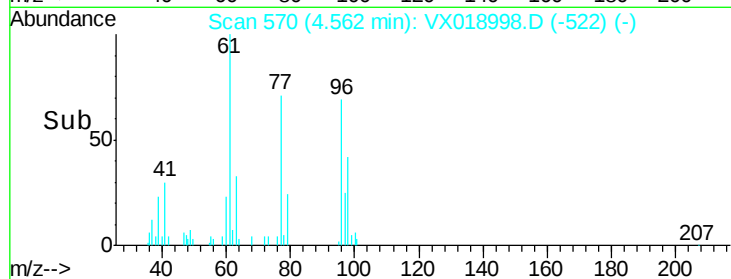
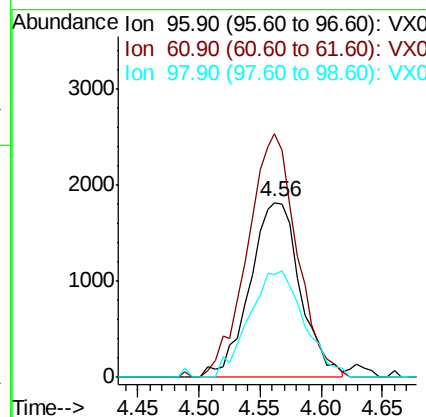
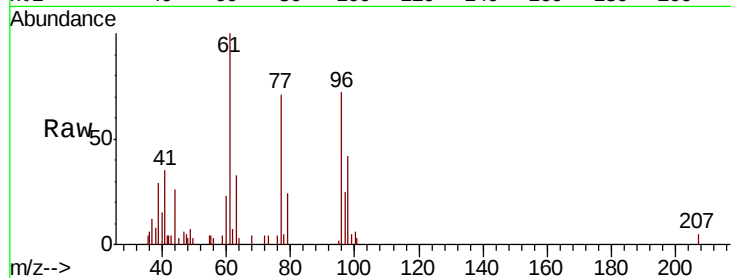




#27
 cis-1,2-Dichloroethene
 Concen: 1.047 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

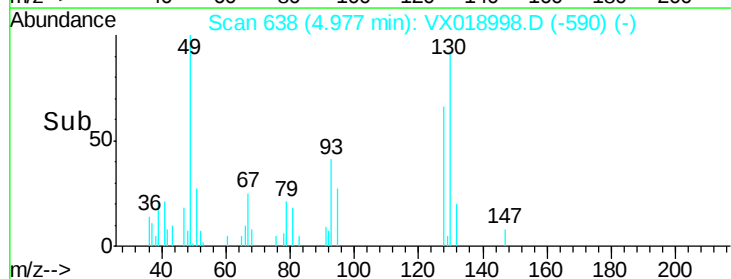
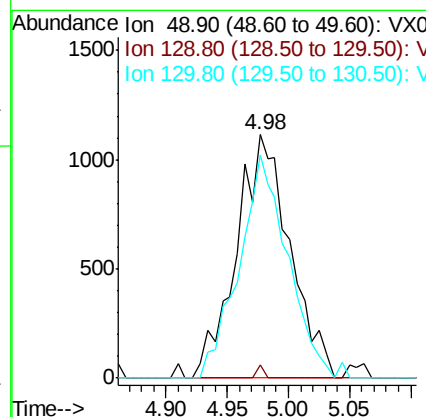
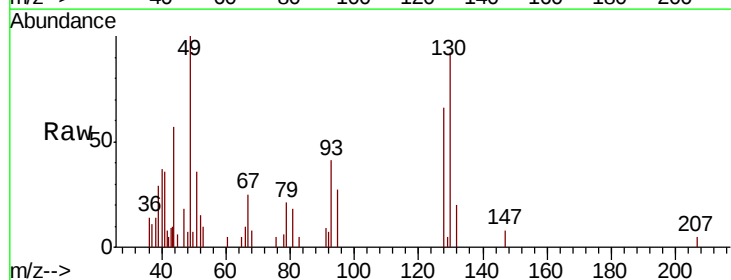
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

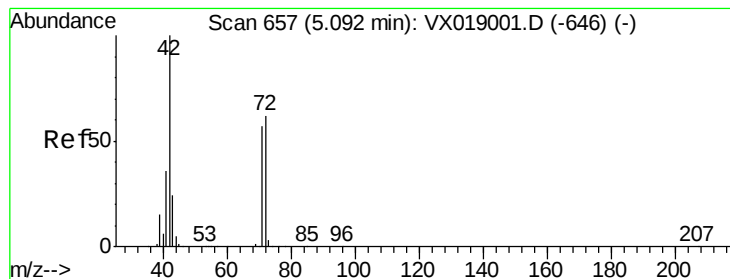
Tot Ion: 96 Resp: 5201
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 259.8
 98 66.7 0.0 129.2



#28
 Bromochloromethane
 Concen: 0.938 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

Tgt Ion: 49 Resp: 3383
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.8
 130 83.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 3.657 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

BFB

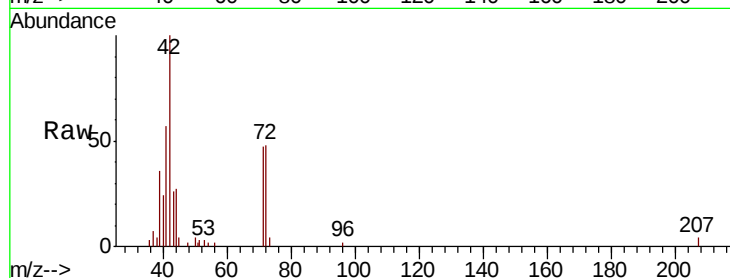
Tot Ion: 42 Resp: 7240

Ion Ratio Lower Upper

42 100

72 62.4 49.8 74.8

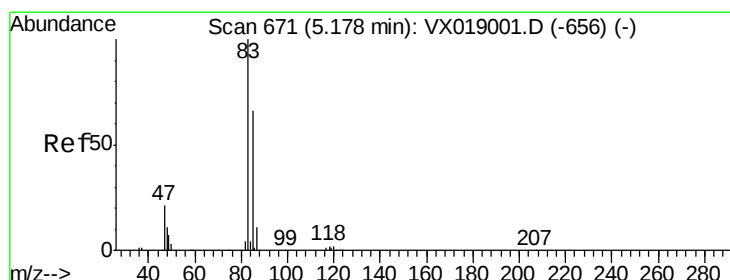
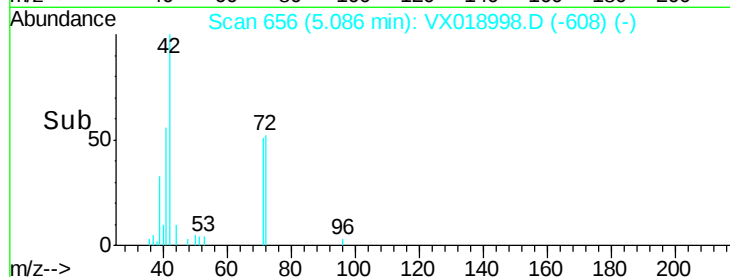
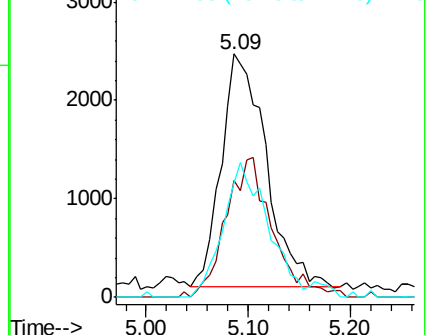
71 57.3 45.8 68.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.949 ug/l

RT: 5.17 min Scan# 669

Delta R.T. -0.01 min

Lab File: VX018998.D

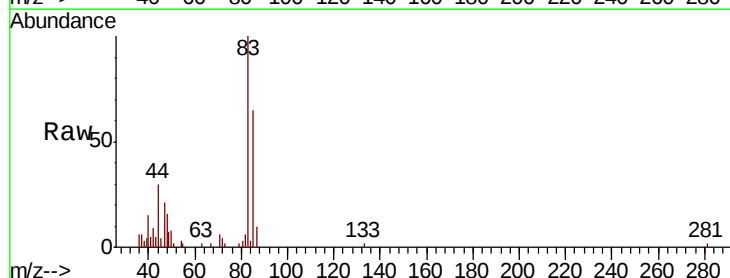
Acq: 21 Oct 2020 10:14

Tgt Ion: 83 Resp: 7663

Ion Ratio Lower Upper

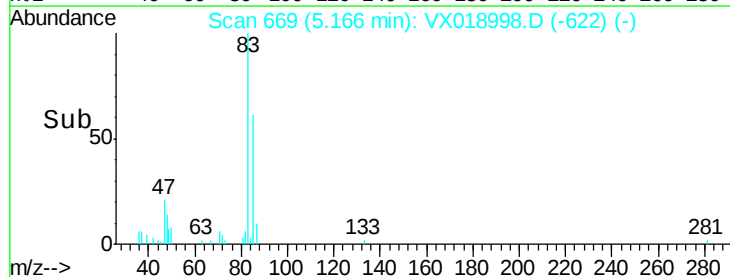
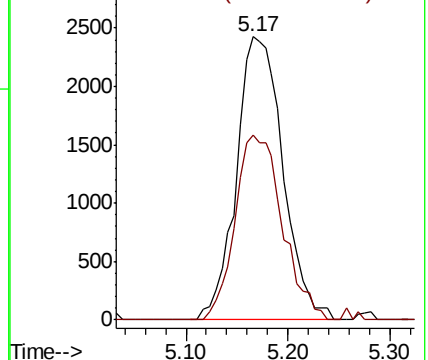
83 100

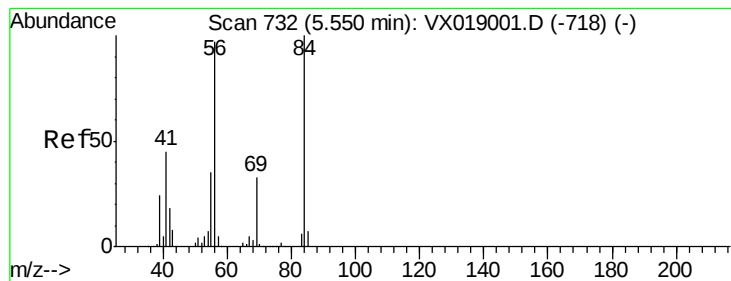
85 65.1 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 0.950 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

BFB

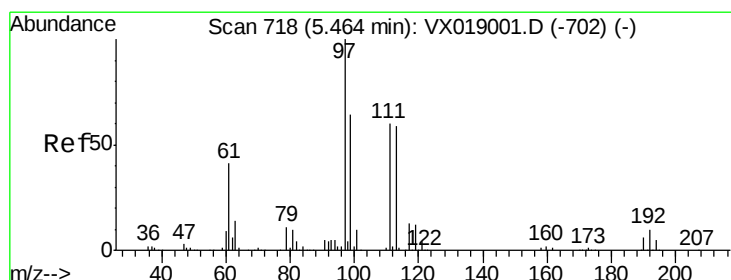
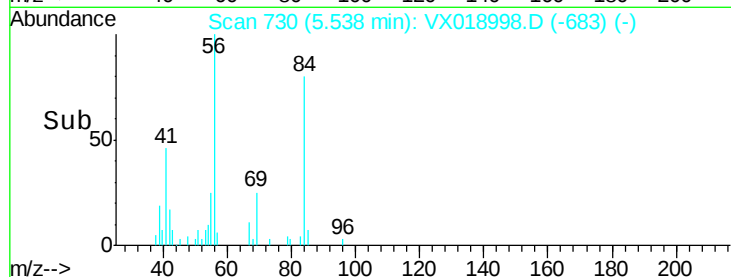
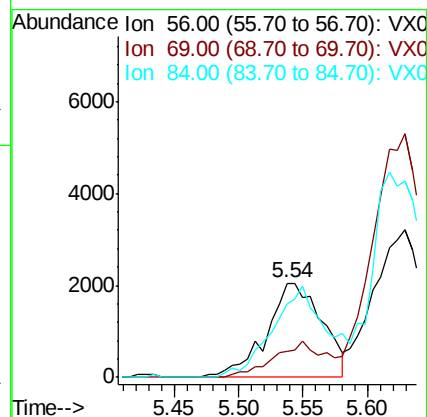
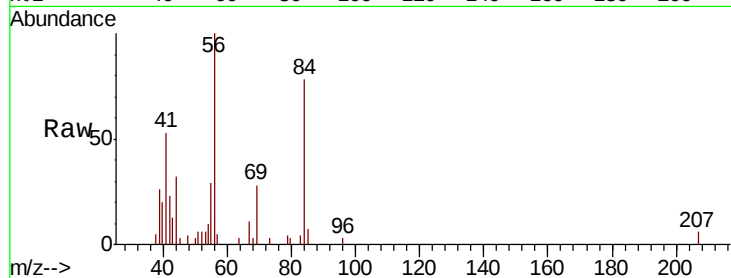
Tot Ion: 56 Resp: 6149

Ion Ratio Lower Upper

56 100

69 28.2 26.9 40.3

84 77.7 82.2 123.4#



#32

1,1,1-Trichloroethane

Concen: 0.960 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

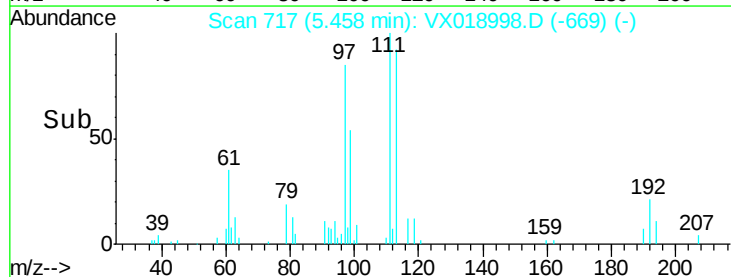
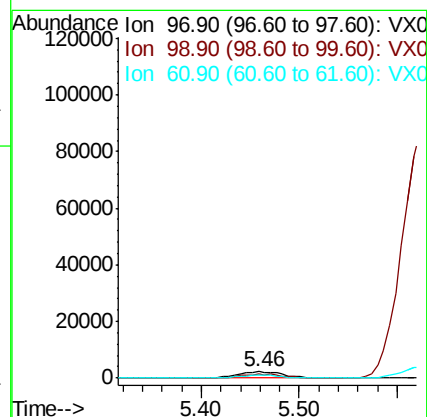
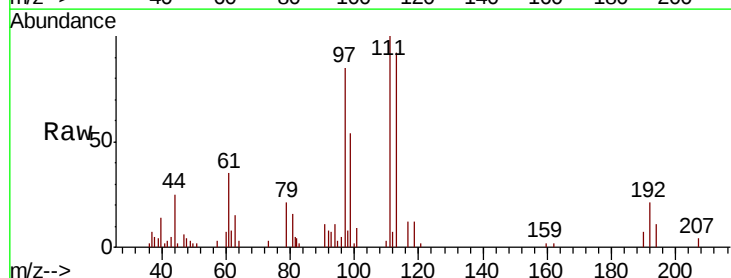
Tgt Ion: 97 Resp: 7190

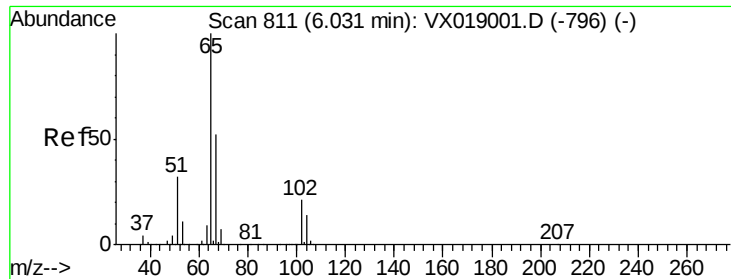
Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.8#

61 41.2 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 1.937 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

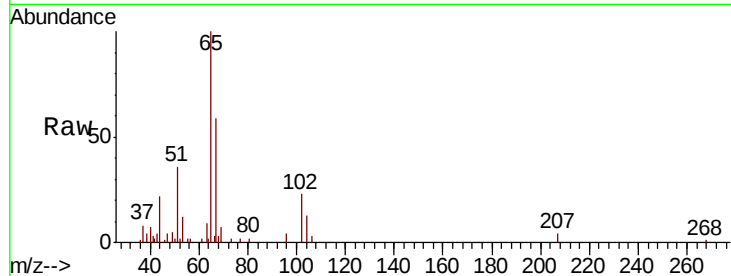
BFB

Tot Ion: 65 Resp: 10505

Ion Ratio Lower Upper

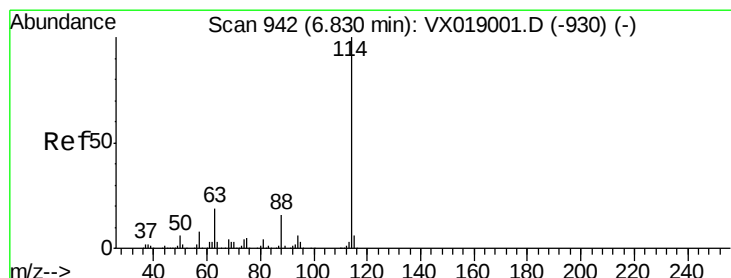
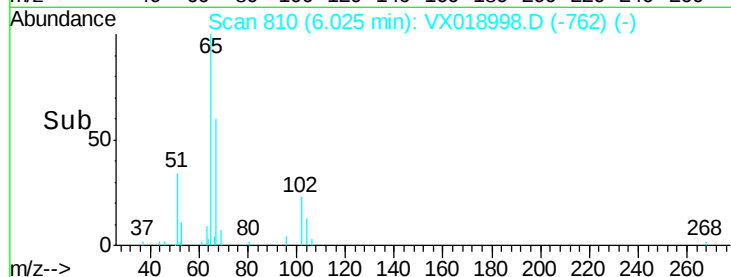
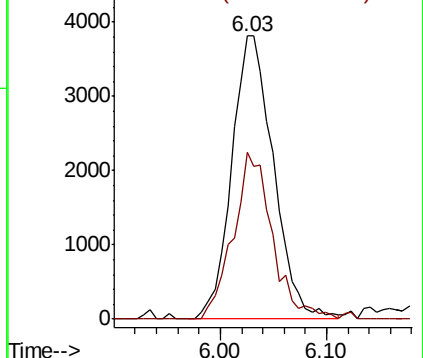
65 100

67 55.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

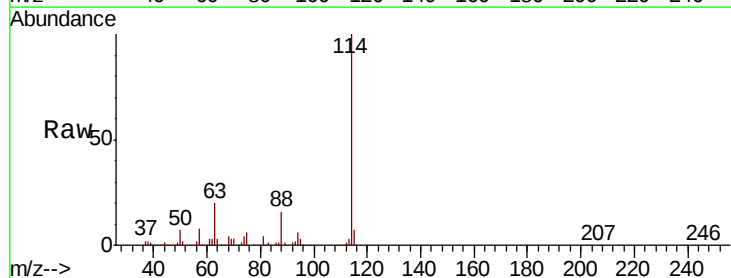
Tgt Ion: 114 Resp: 686096

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.6

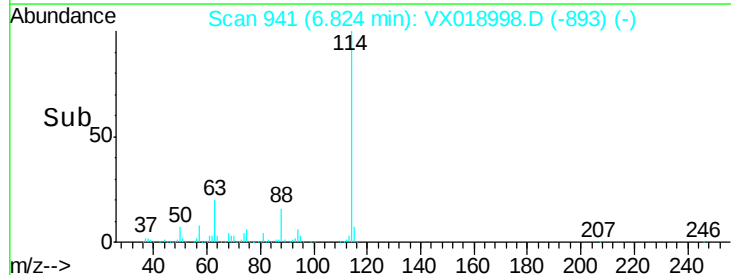
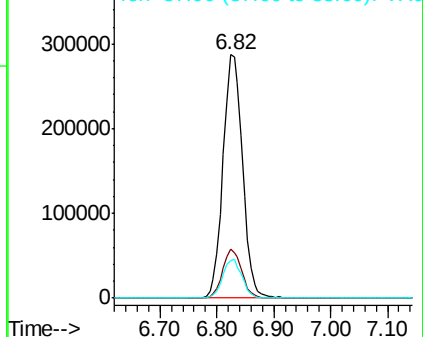
88 15.6 0.0 31.2

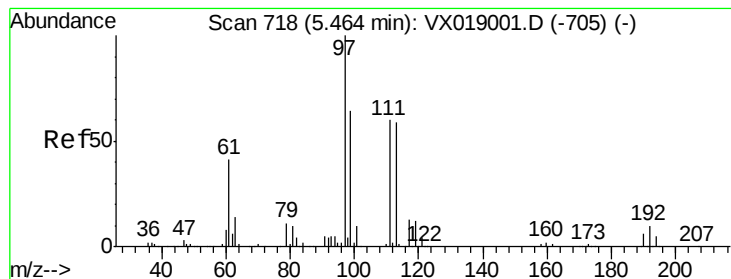


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.624 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

BFB

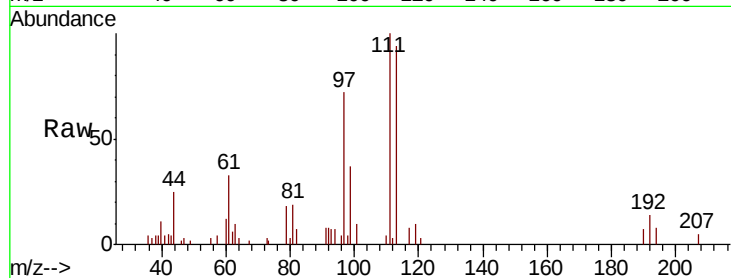
Tot Ion:113 Resp: 7544

Ion Ratio Lower Upper

113 100

111 107.8 82.6 123.8

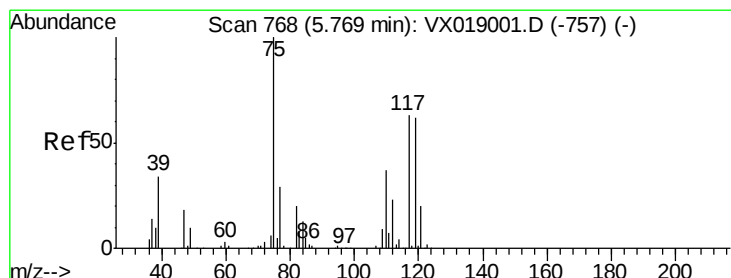
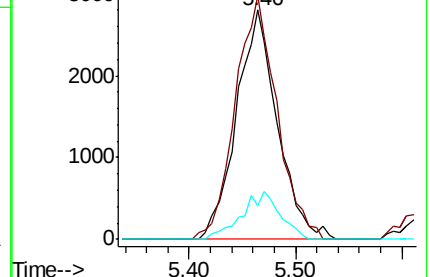
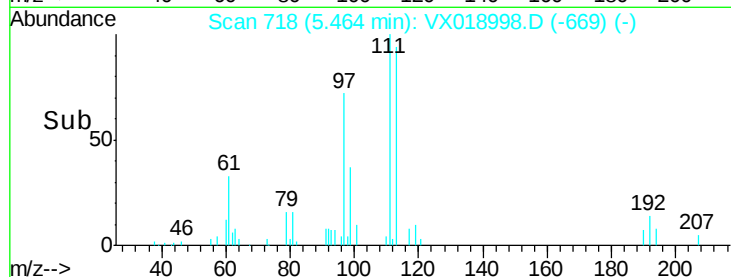
192 19.5 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.973 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

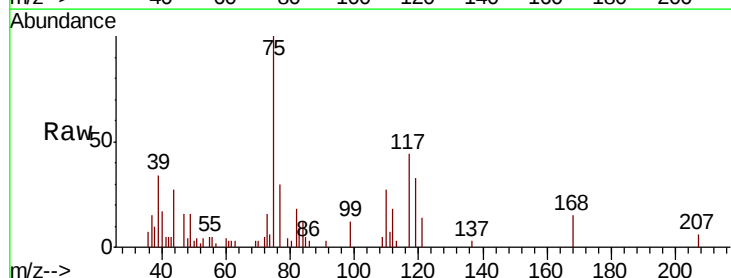
Tgt Ion: 75 Resp: 6397

Ion Ratio Lower Upper

75 100

110 35.4 18.6 55.6

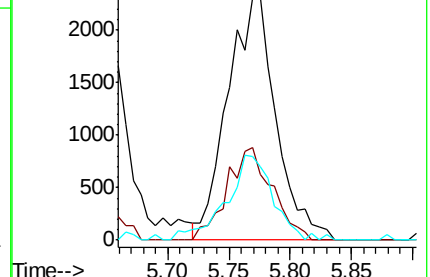
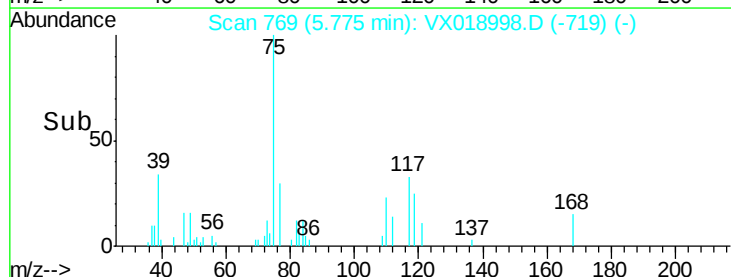
77 33.5 25.0 37.4

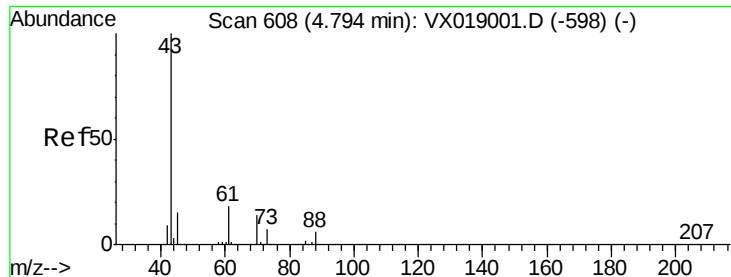


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

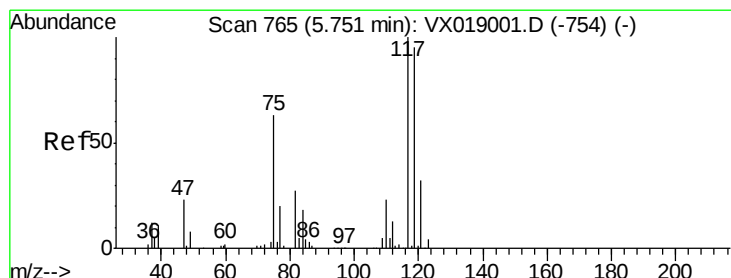
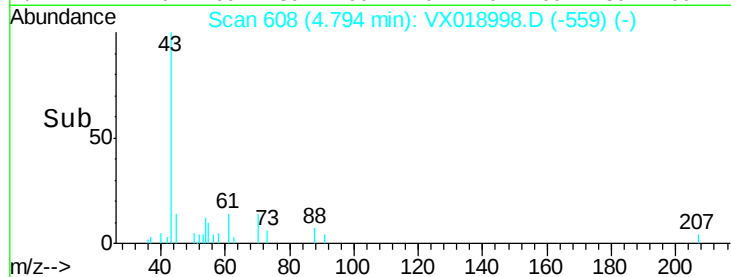
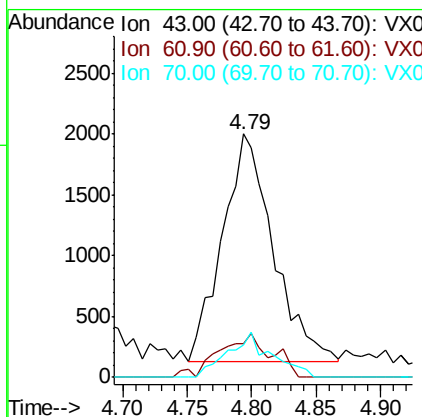
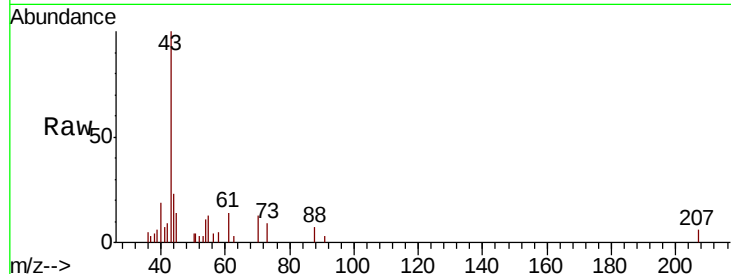




#37
Ethyl Acetate
Concen: 0.752 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

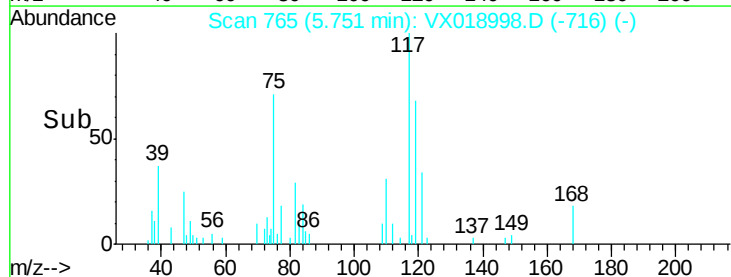
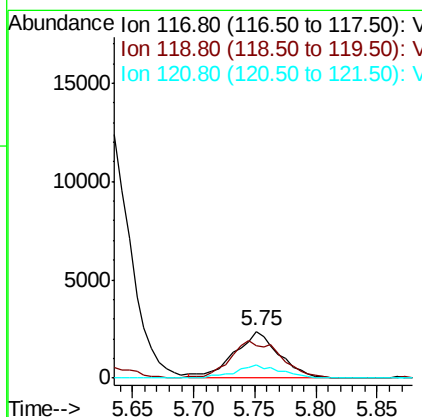
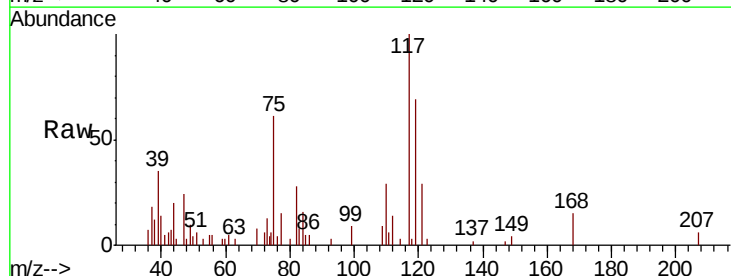
Instrument :
MSVOA_N
ClientSampled :
BFB

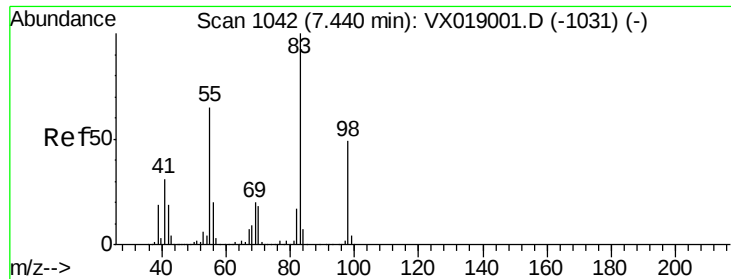
Tot Ion: 43 Resp: 5139
Ion Ratio Lower Upper
43 100
61 19.6 13.6 20.4
70 17.2 11.4 17.0#



#38
Carbon Tetrachloride
Concen: 0.840 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Tgt Ion: 117 Resp: 6005
Ion Ratio Lower Upper
117 100
119 68.9 75.5 113.3#
121 28.7 25.2 37.8

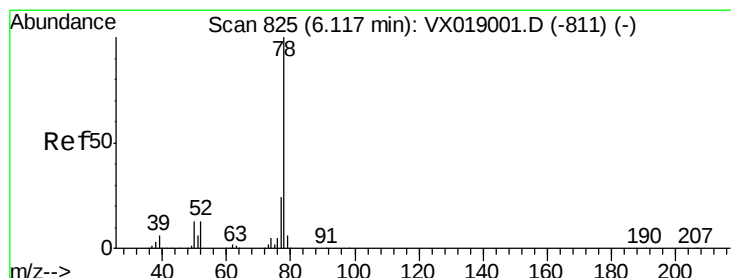
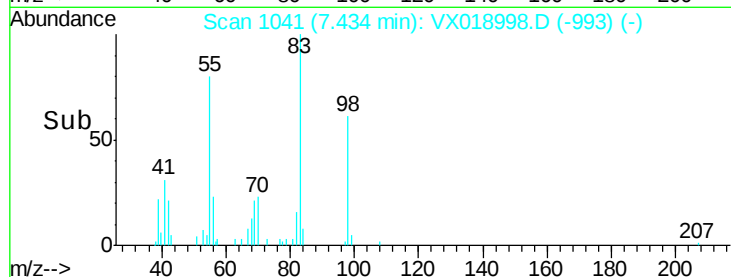
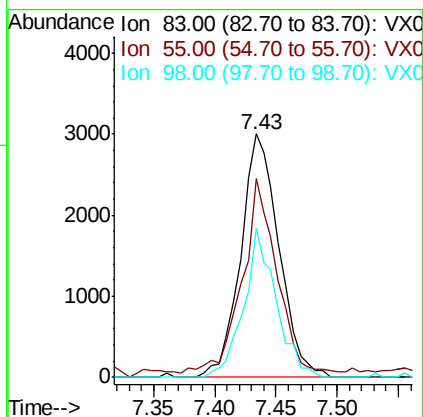
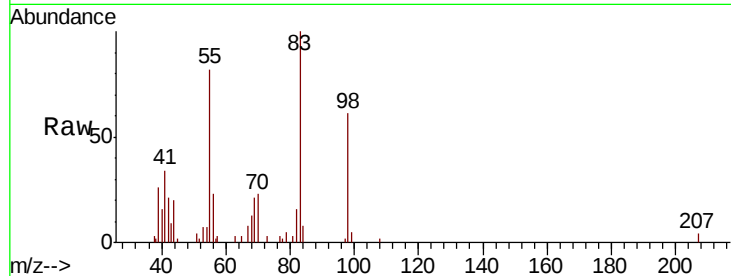




#39
Methvlcvclohexane
Concen: 0.882 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

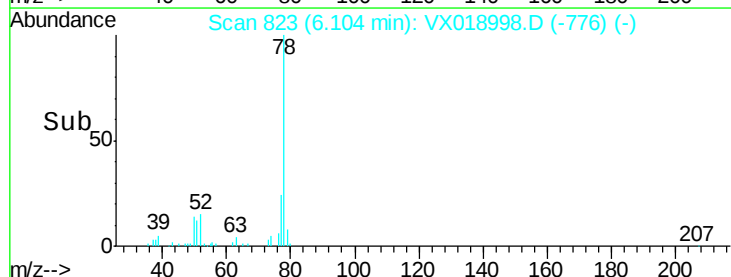
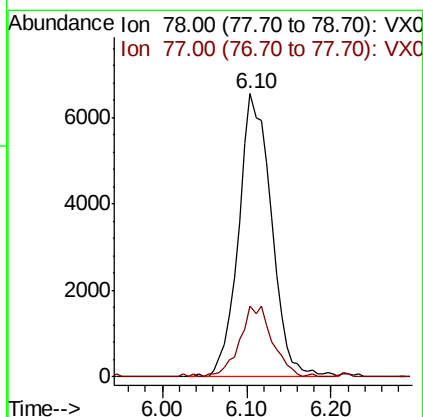
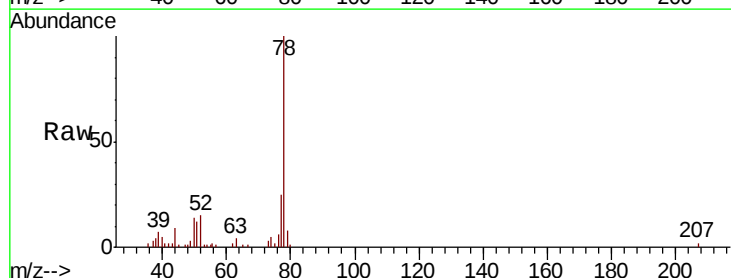
Instrument :
MSVOA_N
ClientSampleId :
BFB

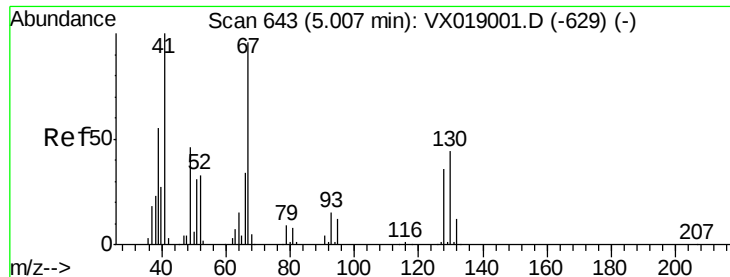
Tot Ion: 83 Resp: 6507
Ion Ratio Lower Upper
83 100
55 79.1 51.8 77.6#
98 61.4 39.5 59.3#



#40
Benzene
Concen: 0.907 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Tgt Ion: 78 Resp: 17258
Ion Ratio Lower Upper
78 100
77 25.1 19.2 28.8





#41

Methacrylonitrile

Concen: 0.299 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

BFB

Tot Ion: 41 Resp: 1126

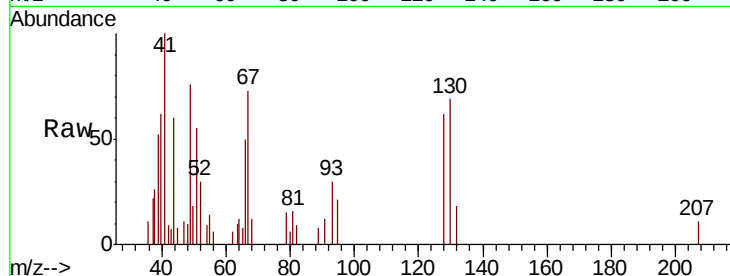
Ion Ratio Lower Upper

41 100

39 0.0 45.0 67.6#

67 127.8 78.0 117.0#

52 0.0 28.2 42.4#

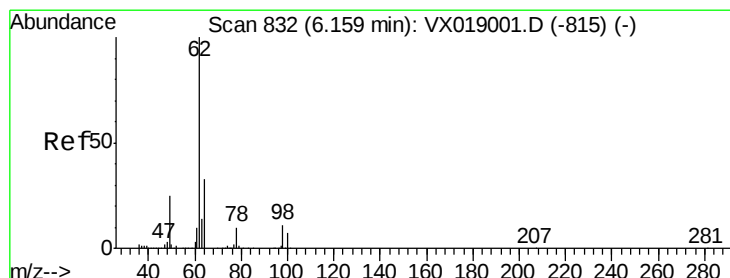
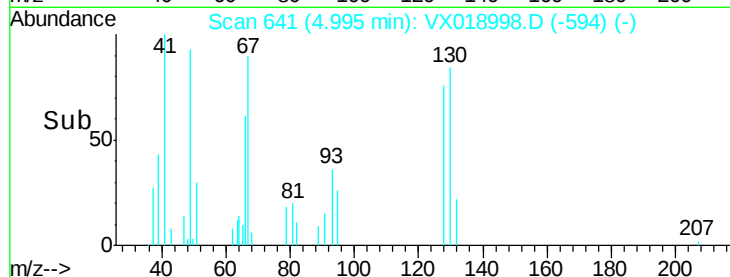
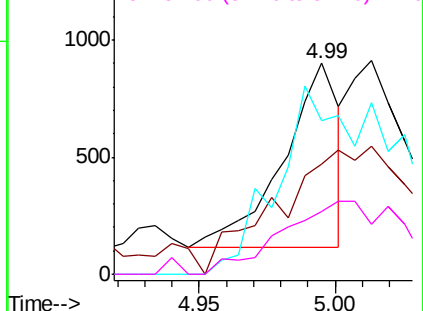


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.870 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018998.D

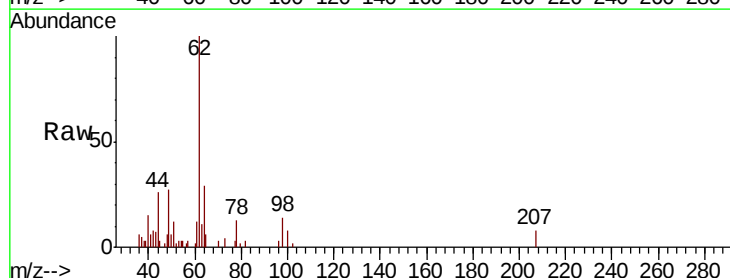
Acq: 21 Oct 2020 10:14

Tgt Ion: 62 Resp: 6315

Ion Ratio Lower Upper

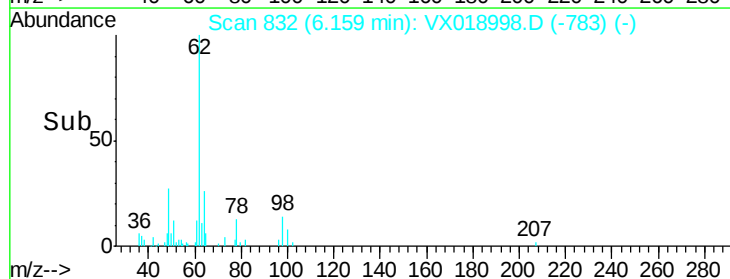
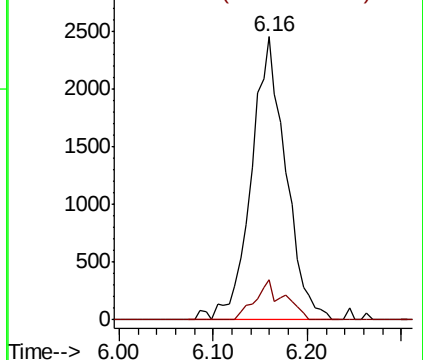
62 100

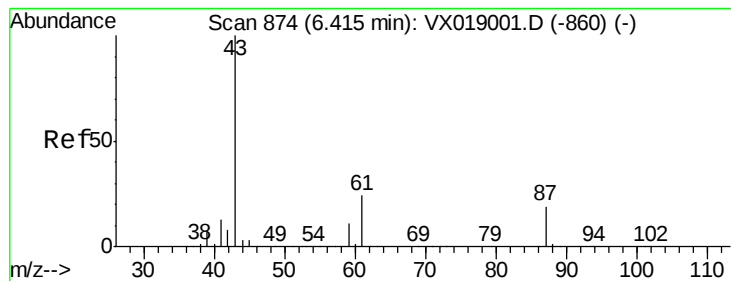
98 11.8 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.741 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

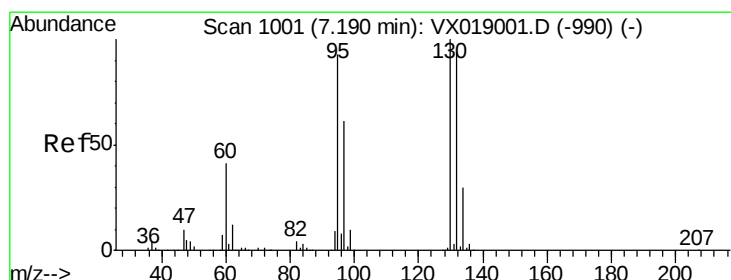
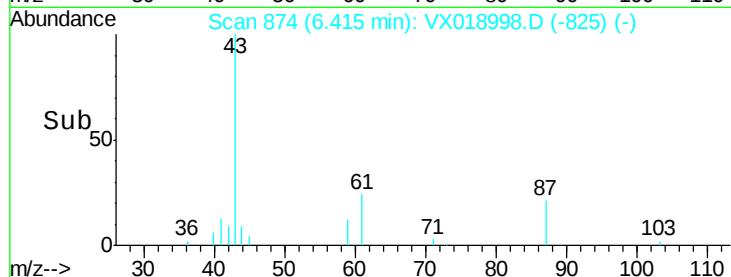
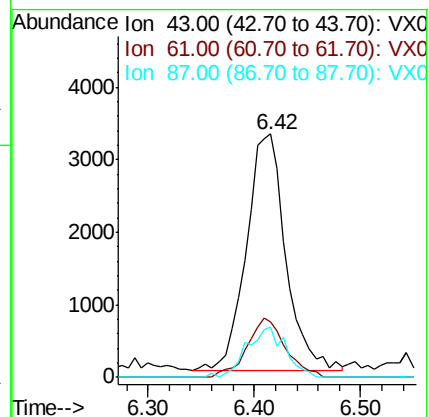
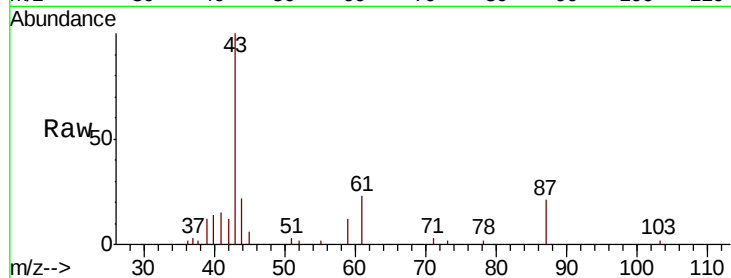
Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion: 43 Resp: 8415

Ion	Ratio	Lower	Upper
43	100		
61	24.4	19.2	28.8
87	21.0	14.4	21.6



#44

Trichloroethene

Concen: 0.845 ug/l

RT: 7.19 min Scan# 1001

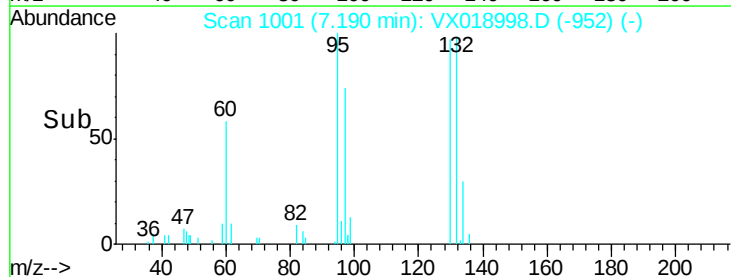
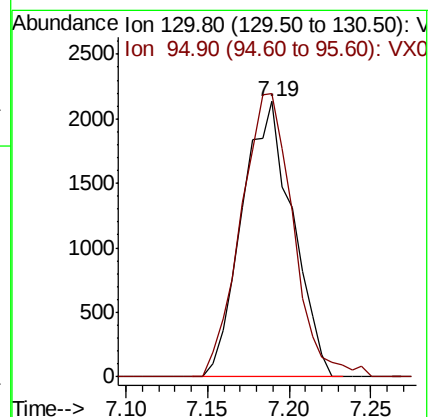
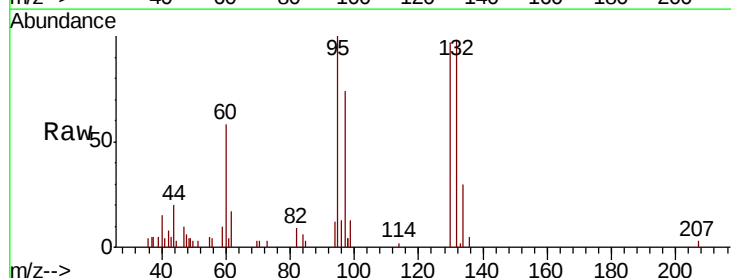
Delta R.T. 0.00 min

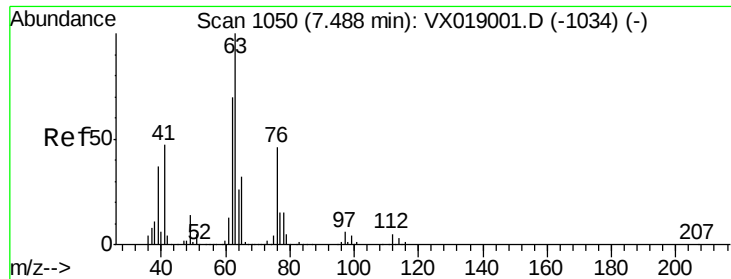
Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Tgt Ion: 130 Resp: 4613

Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	185.2

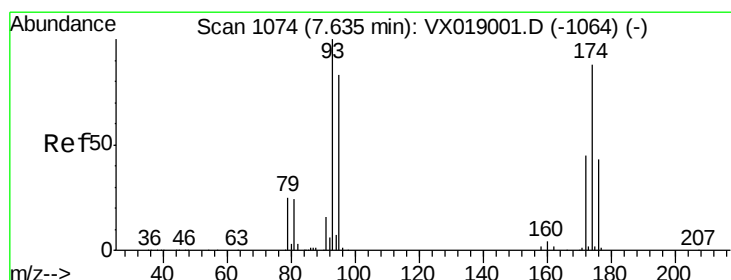
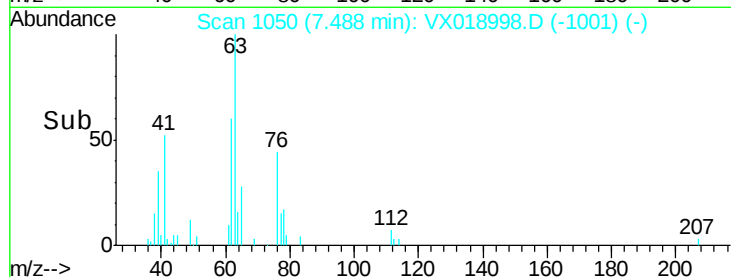
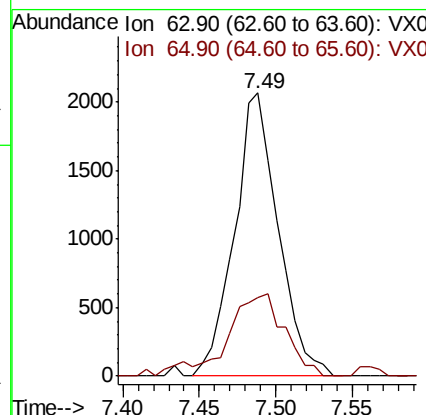
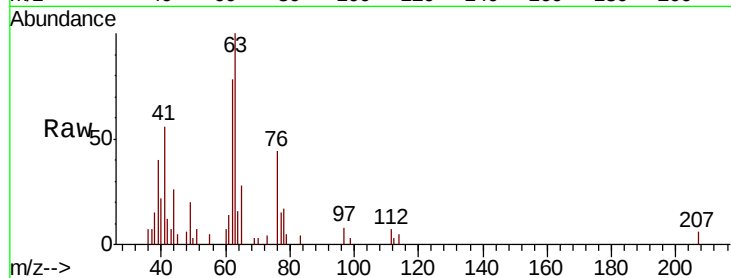




#45
 1,2-Dichloropropane
 Concen: 0.799 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

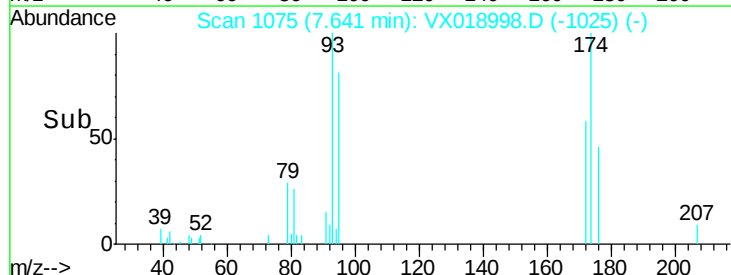
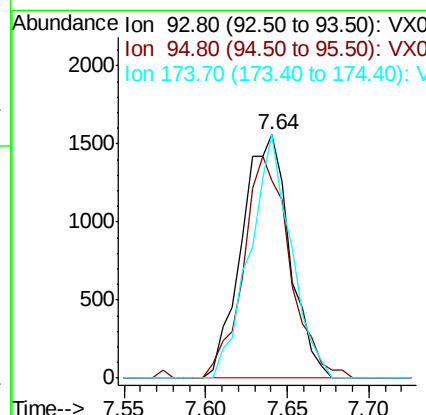
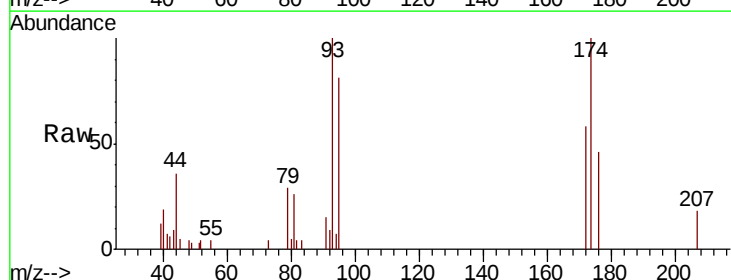
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

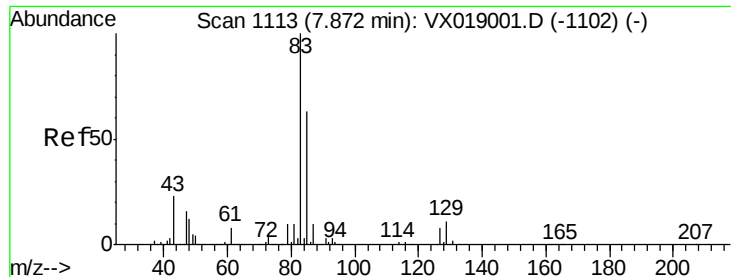
Tot Ion: 63 Resp: 4103
 Ion Ratio Lower Upper
 63 100
 65 27.8 25.4 38.0



#46
 Dibromomethane
 Concen: 0.895 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

Tgt Ion: 93 Resp: 3180
 Ion Ratio Lower Upper
 93 100
 95 88.7 66.8 100.2
 174 86.2 76.1 114.1





#47

Bromodichloromethane

Concen: 0.833 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

BFB

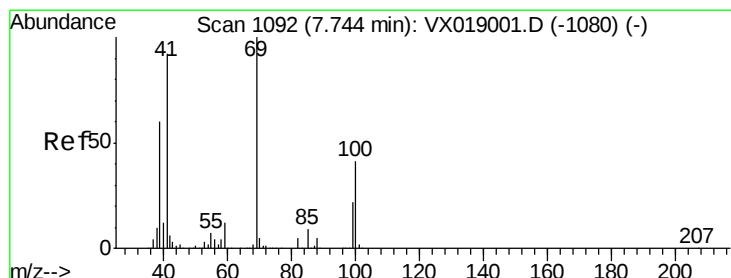
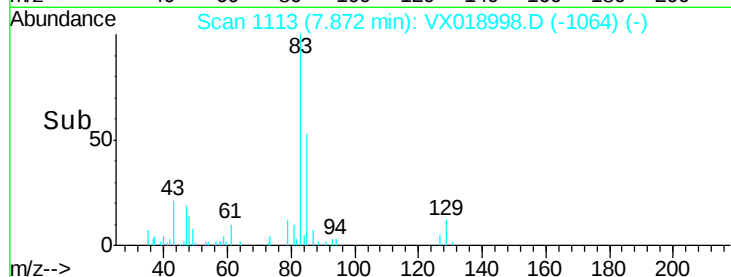
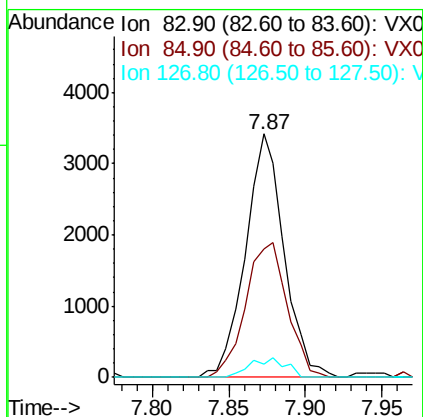
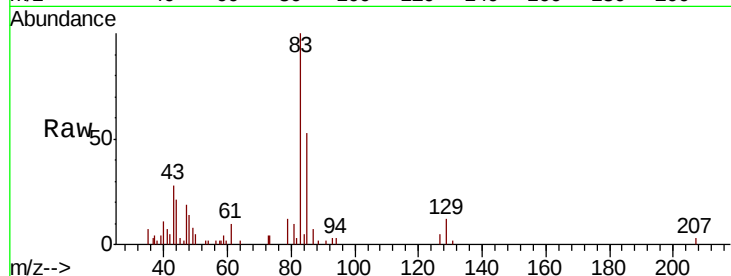
Tot Ion: 83 Resp: 5965

Ion Ratio Lower Upper

83 100

85 52.8 50.7 76.1

127 5.5 6.2 9.4#



#48

Methyl methacrylate

Concen: 0.682 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

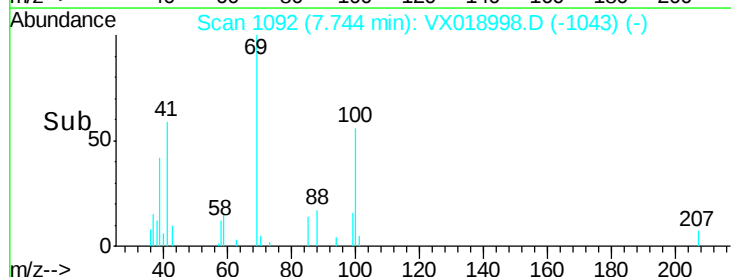
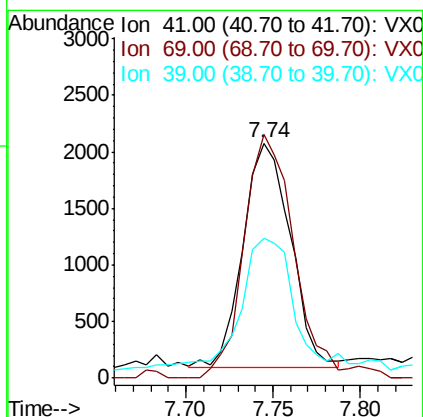
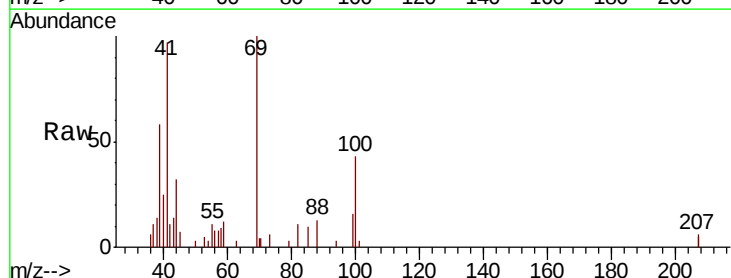
Tgt Ion: 41 Resp: 3739

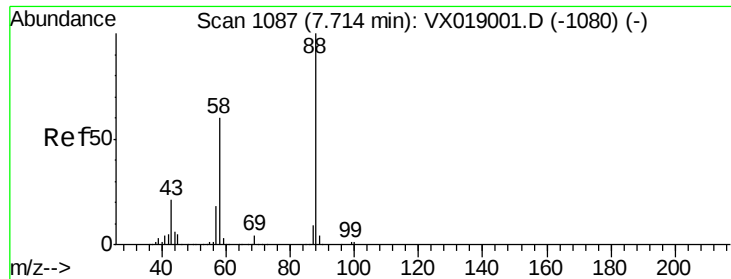
Ion Ratio Lower Upper

41 100

69 113.9 87.8 131.8

39 72.0 50.0 75.0

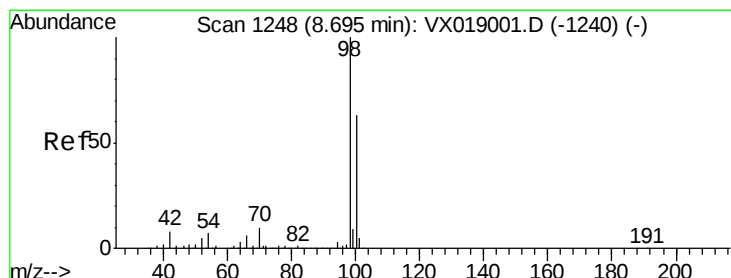
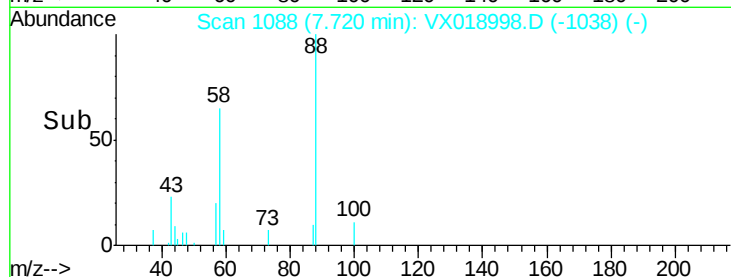
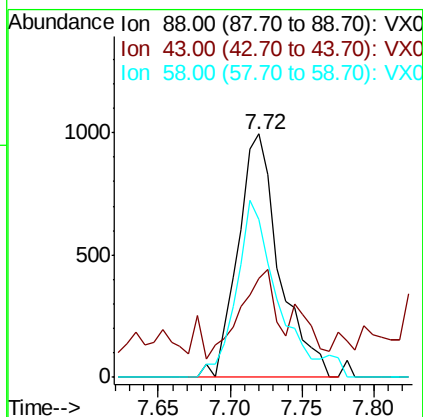
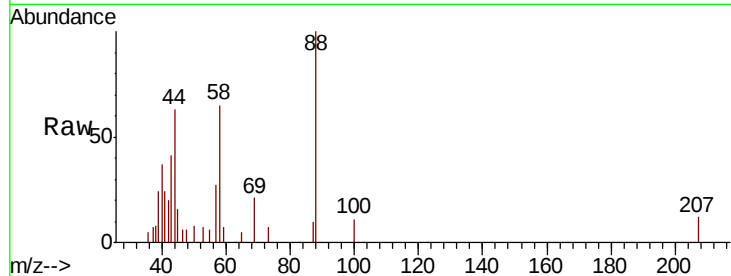




#49
1,4-Dioxane
Concen: 20.387 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

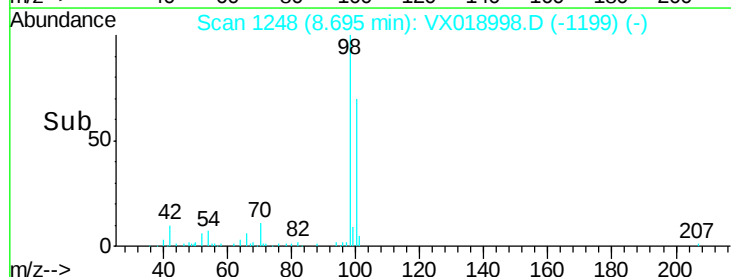
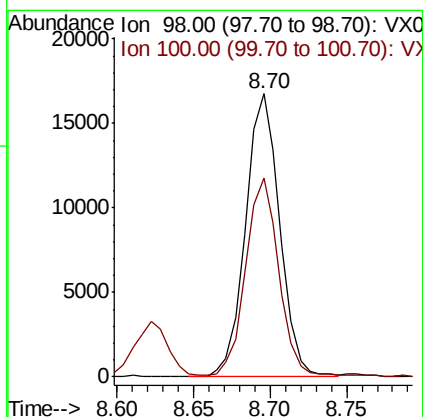
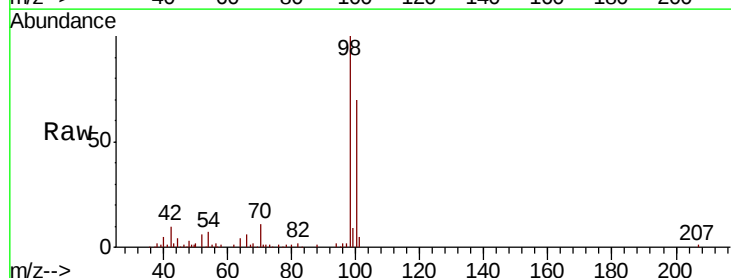
Instrument :
MSVOA_N
ClientSampled :
BFB

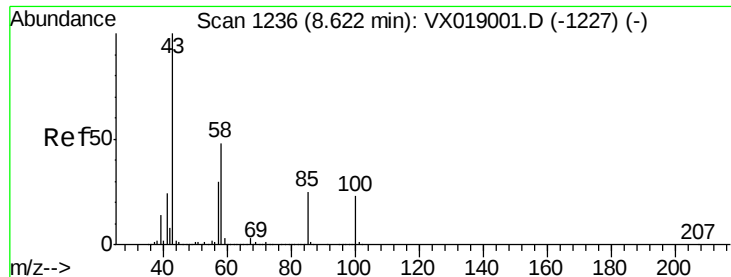
Tot Ion: 88 Resp: 1989
Ion Ratio Lower Upper
88 100
43 22.4 20.1 30.1
58 74.0 48.8 73.2#



#50
Toluene-d8
Concen: 1.513 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Tgt Ion: 98 Resp: 25988
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 3.547 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

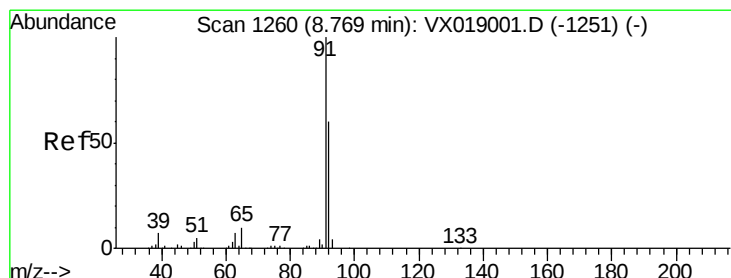
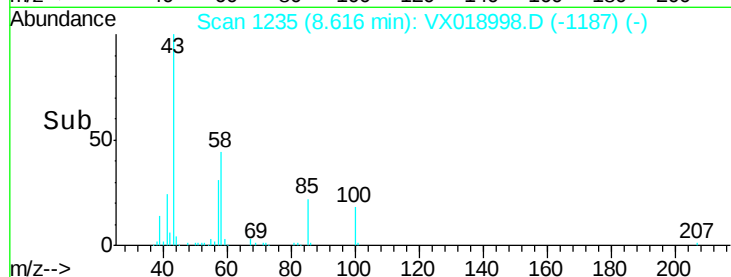
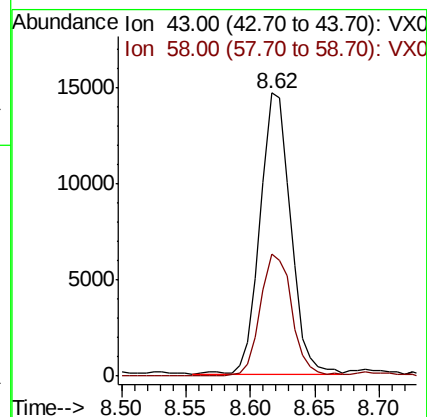
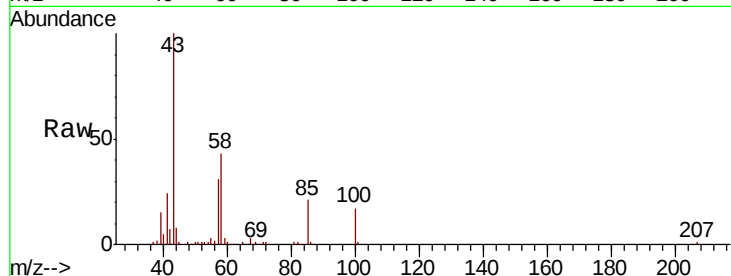
BFB

Tot Ion: 43 Resp: 24032

Ion Ratio Lower Upper

43 100

58 45.1 37.8 56.6



#52

Toluene

Concen: 0.834 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018998.D

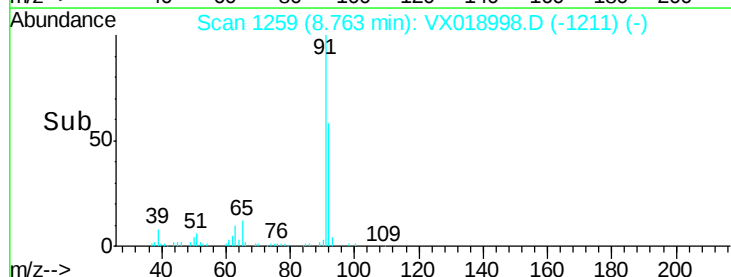
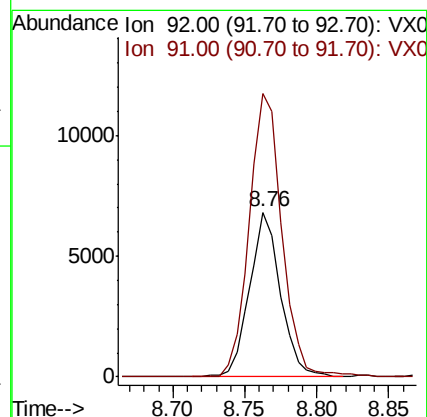
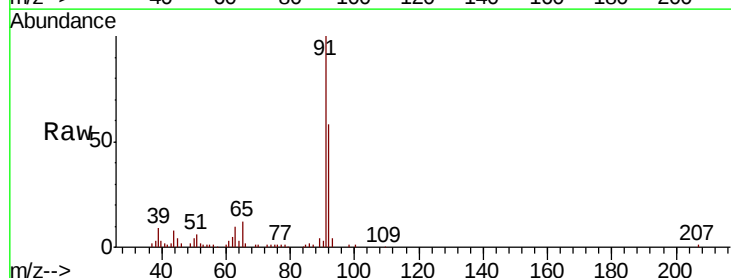
Acq: 21 Oct 2020 10:14

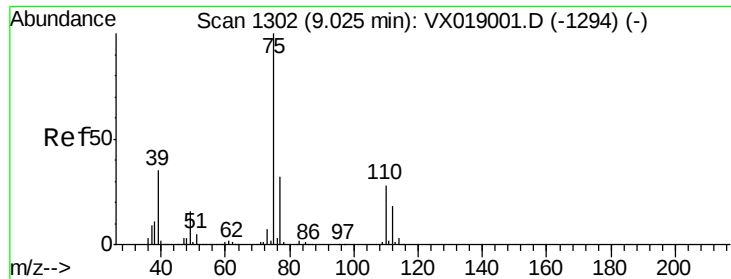
Tgt Ion: 92 Resp: 10136

Ion Ratio Lower Upper

92 100

91 181.2 136.8 205.2

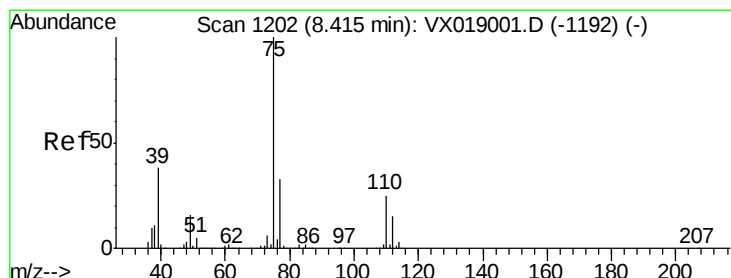
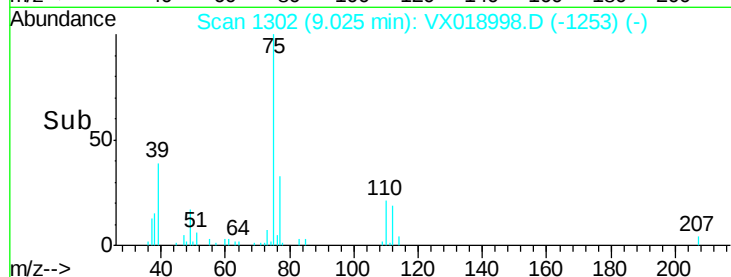
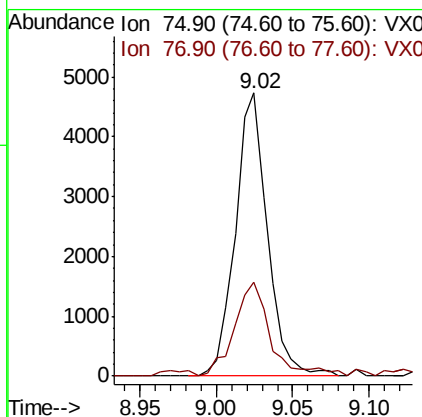
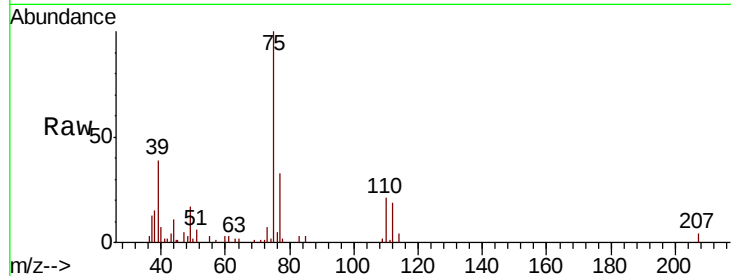




#53
 t-1,3-Dichloropropene
 Concen: 0.837 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

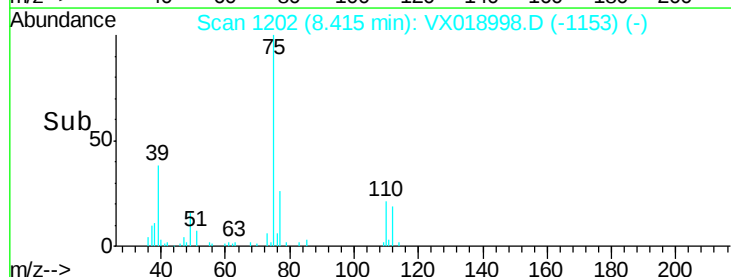
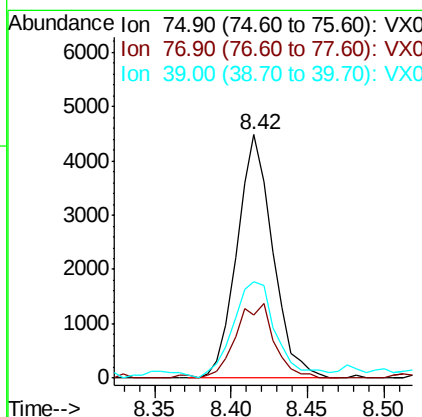
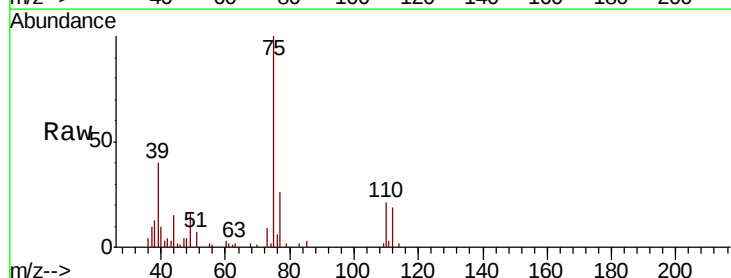
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

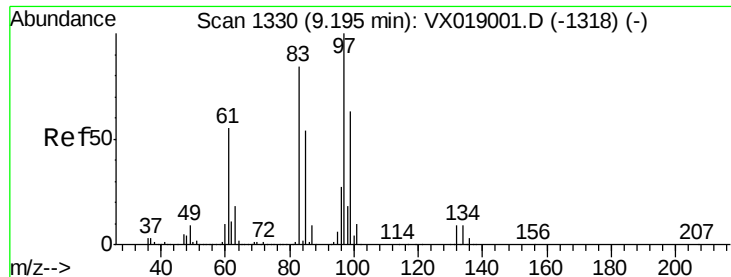
Tot Ion: 75 Resp: 6858
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 0.867 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

Tgt Ion: 75 Resp: 7275
 Ion Ratio Lower Upper
 75 100
 77 25.7 26.3 39.5#
 39 38.4 30.5 45.7

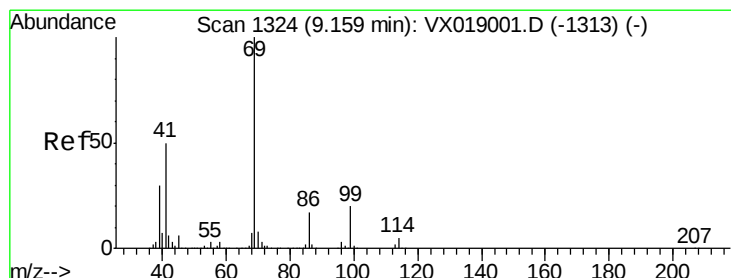
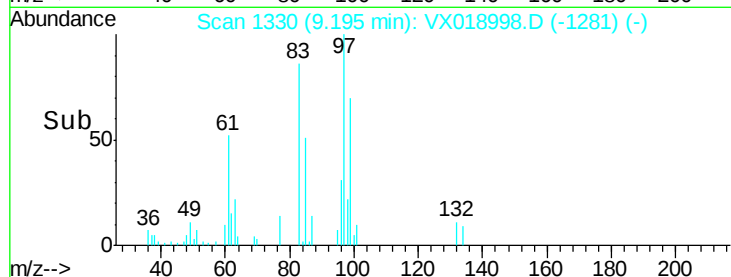
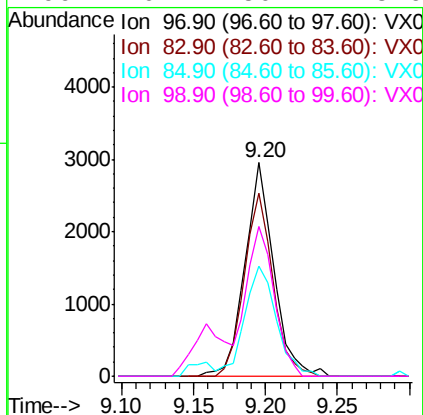
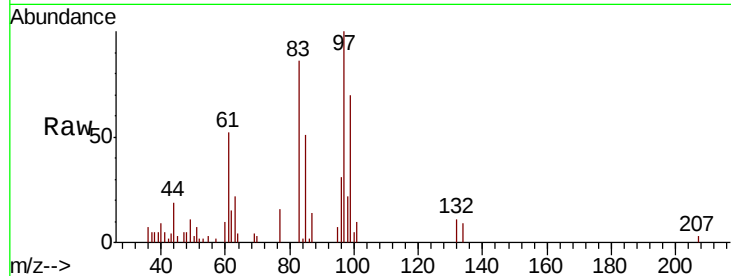




#55
 1,1,2-Trichloroethane
 Concen: 0.819 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

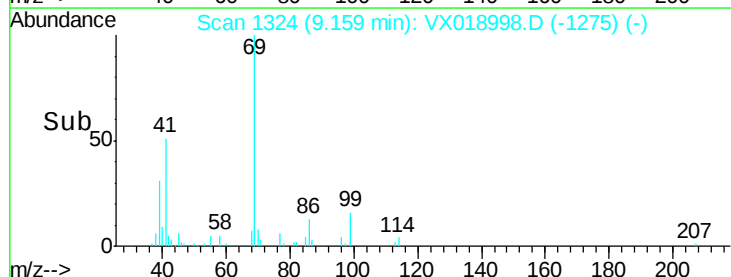
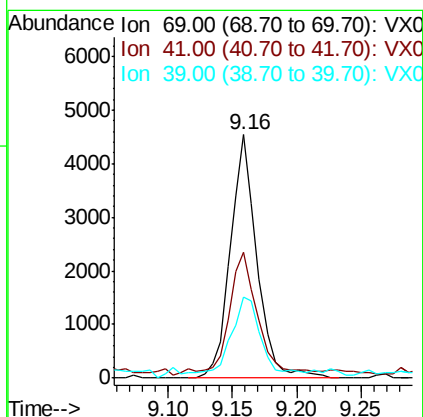
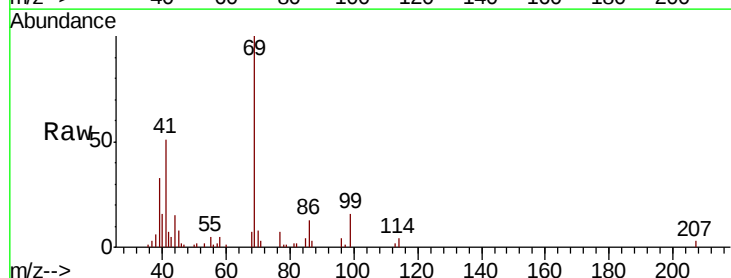
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

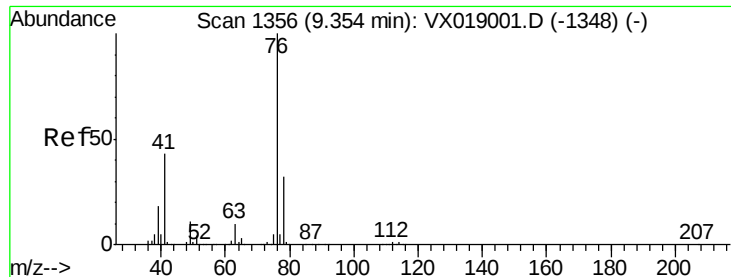
Tot Ion:	97	Resp:	4099
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.0	100.4
85	51.4	43.4	65.0
99	70.2	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 0.890 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

Tgt Ion:	69	Resp:	6563
Ion	Ratio	Lower	Upper
69	100		
41	55.5	40.2	60.4
39	33.1	24.1	36.1

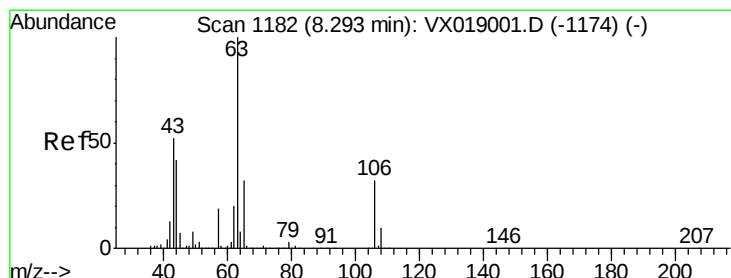
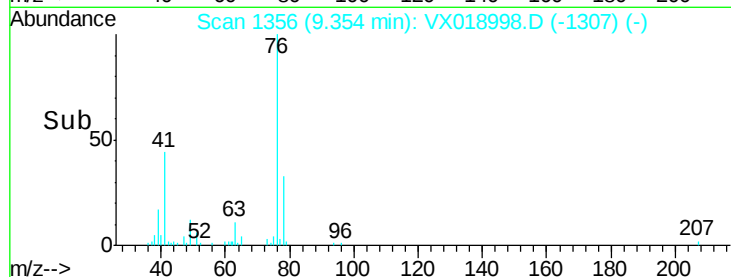
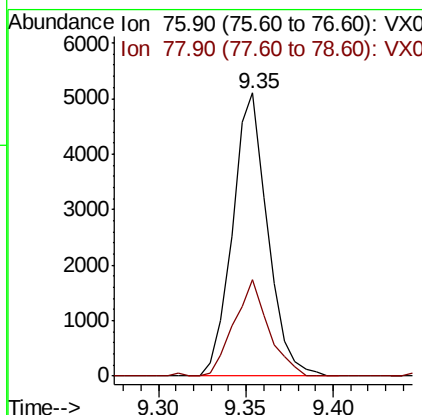
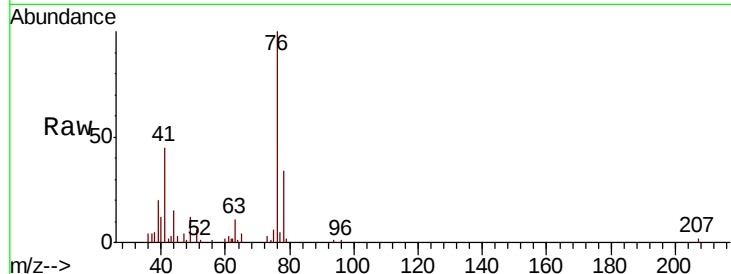




#57
 1,3-Dichloropropane
 Concen: 0.849 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

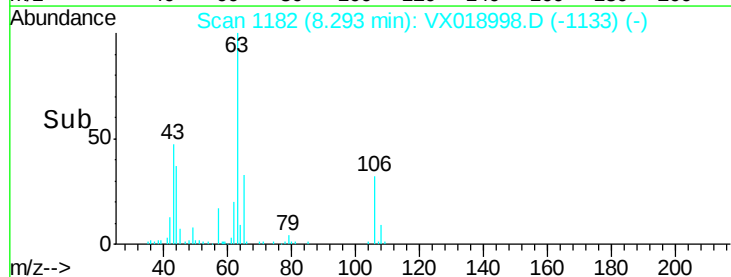
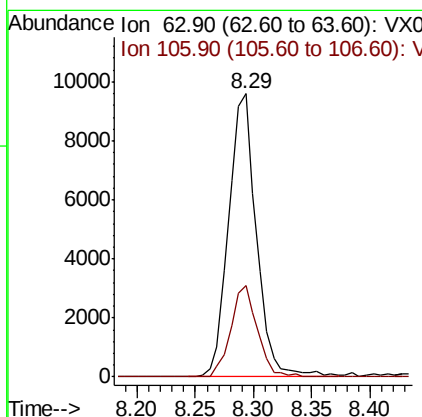
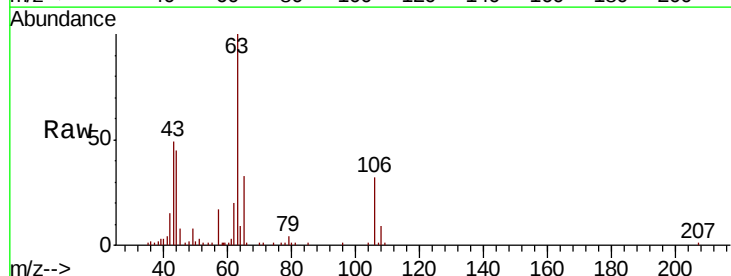
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

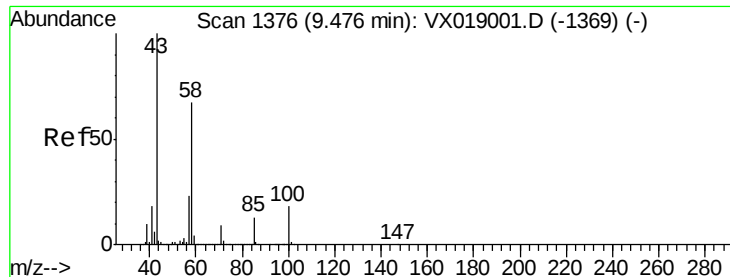
Tot Ion: 76 Resp: 7105
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.103 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

Tgt Ion: 63 Resp: 15988
 Ion Ratio Lower Upper
 63 100
 106 30.6 25.0 37.6

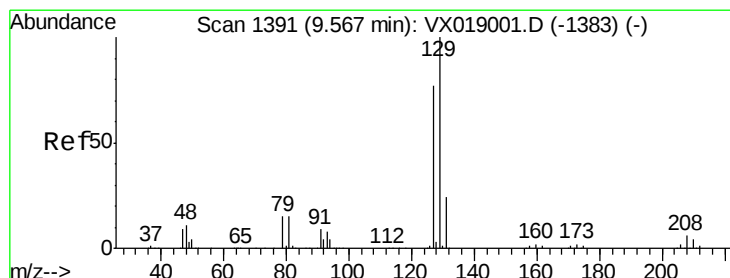
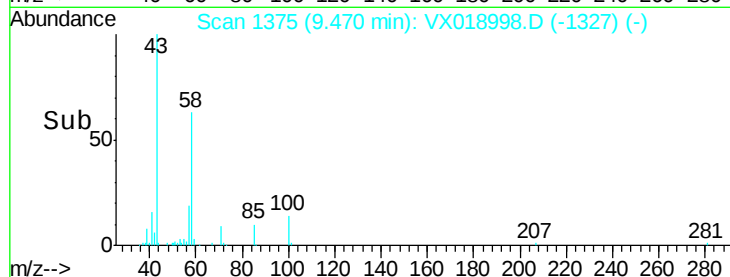
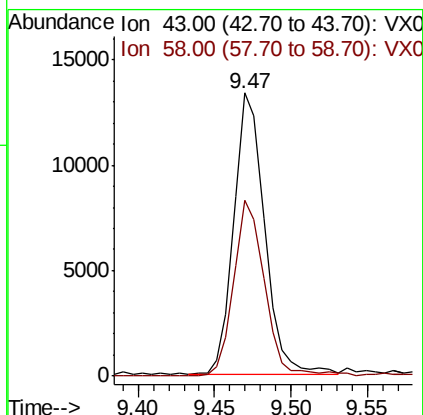
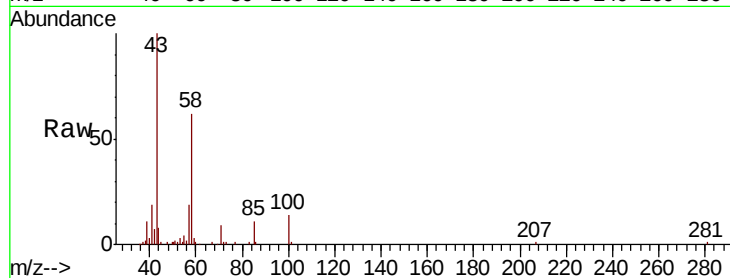




#59
2-Hexanone
Concen: 3.635 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

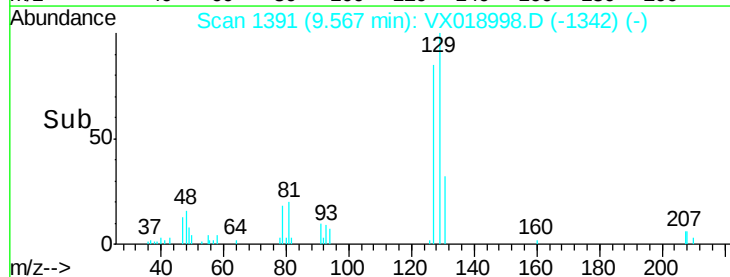
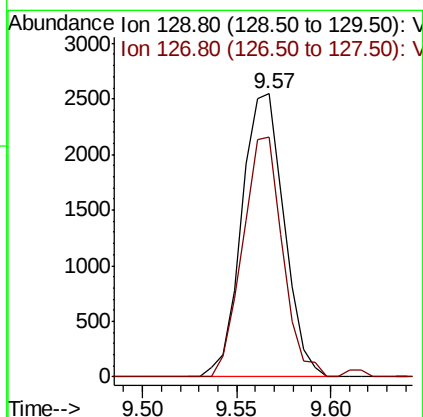
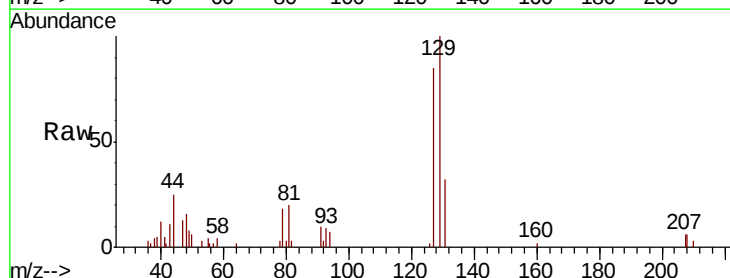
Instrument :
MSVOA_N
ClientSampleId :
BFB

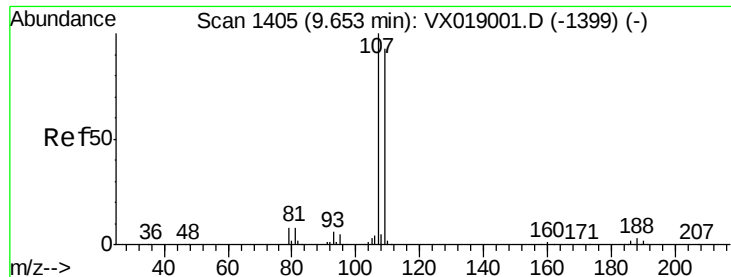
Tot Ion: 43 Resp: 18722
Ion Ratio Lower Upper
43 100
58 62.5 33.0 99.0



#60
Dibromochloromethane
Concen: 0.673 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Tgt Ion: 129 Resp: 3963
Ion Ratio Lower Upper
129 100
127 79.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 0.851 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

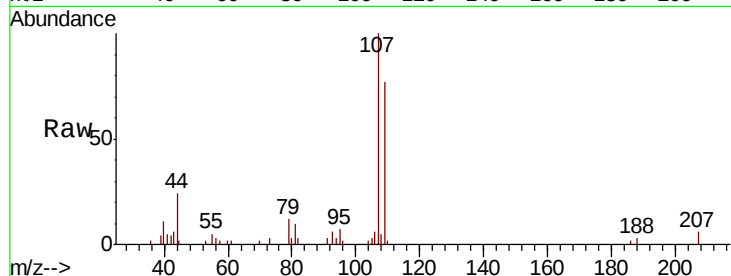
BFB

Tot Ion:107 Resp: 4533

Ion Ratio Lower Upper

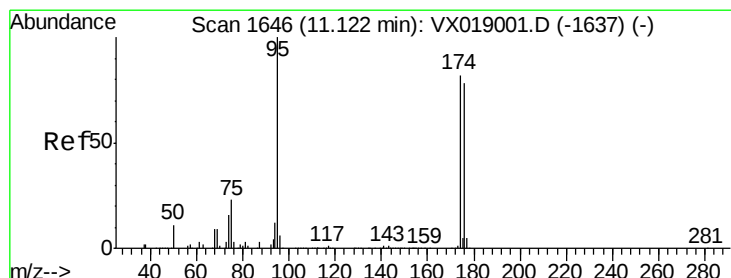
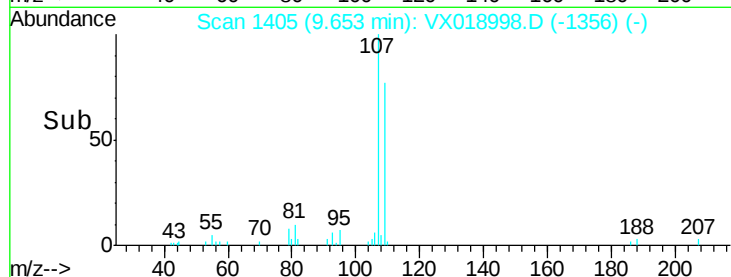
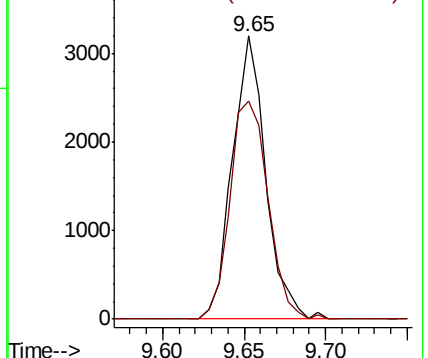
107 100

109 88.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.261 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

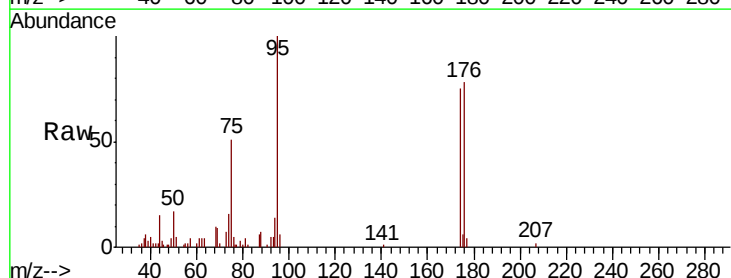
Tgt Ion: 95 Resp: 8519

Ion Ratio Lower Upper

95 100

174 74.3 0.0 158.4

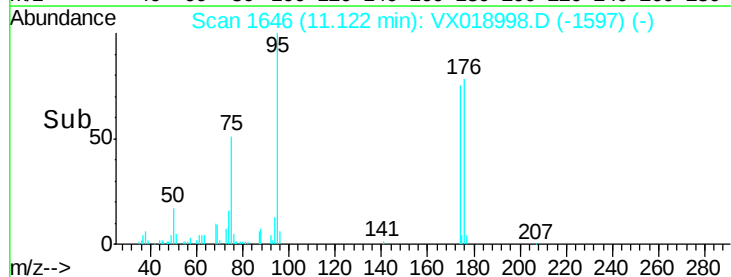
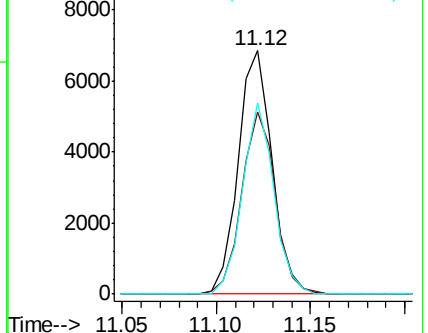
176 73.0 0.0 153.4

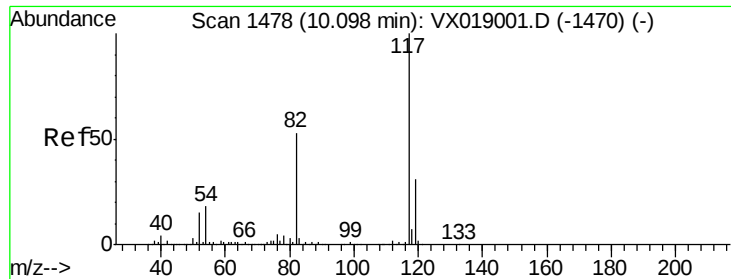


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

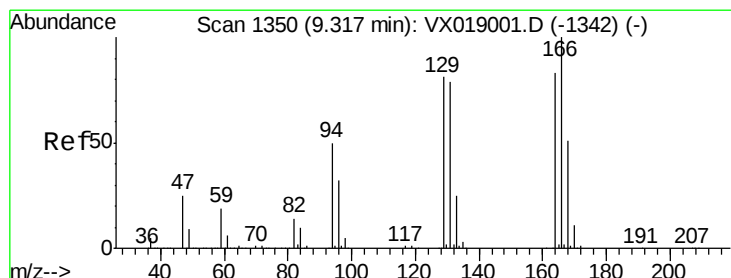
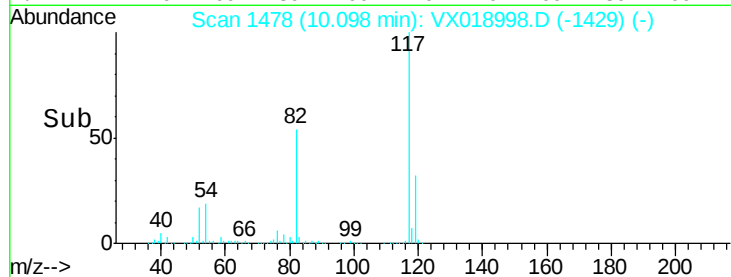
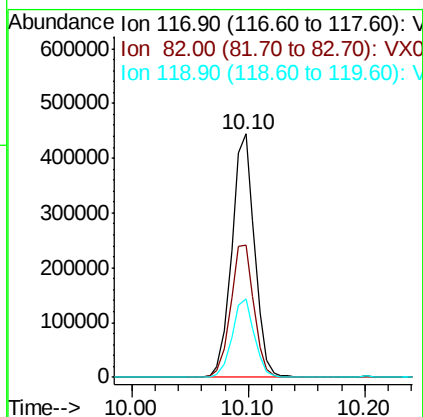
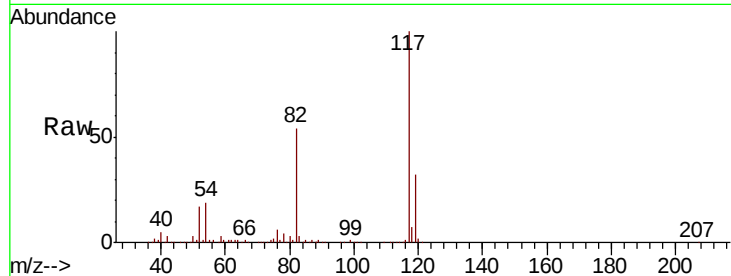




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

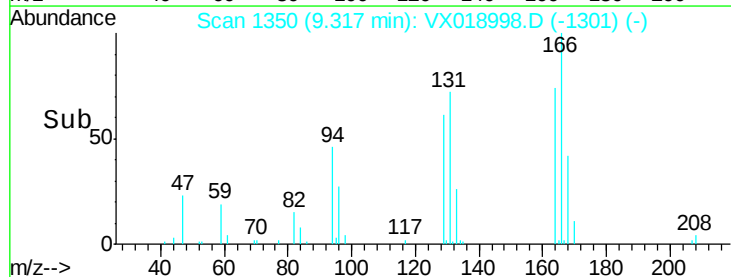
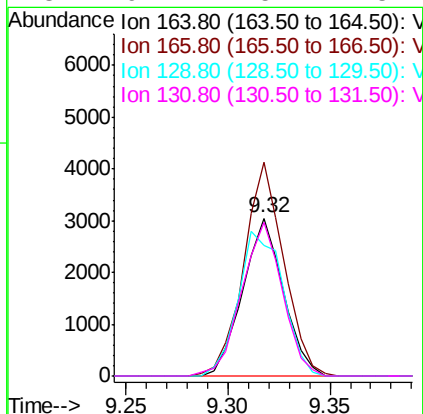
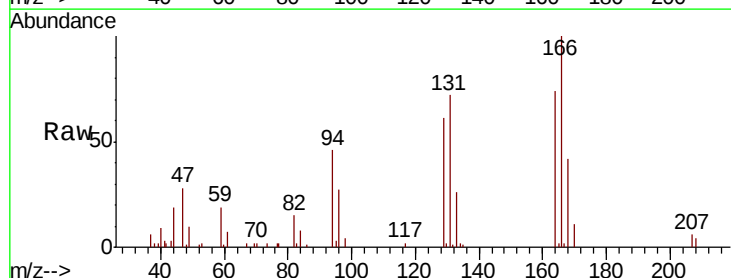
Instrument :
MSVOA_N
ClientSampleId :
BFB

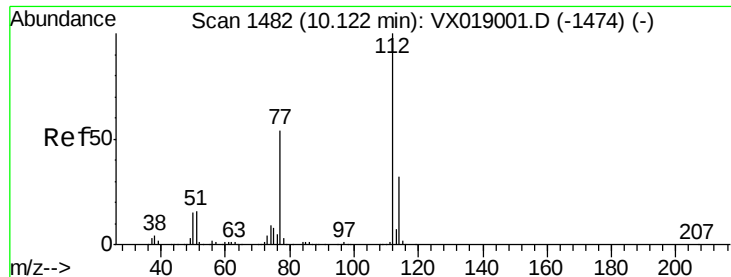
Tot Ion:117 Resp: 603631
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 32.1 25.0 37.4



#64
Tetrachloroethene
Concen: 0.904 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Tgt Ion:164 Resp: 4217
Ion Ratio Lower Upper
164 100
166 135.2 96.1 144.1
129 82.7 78.2 117.4
131 97.2 75.4 113.2

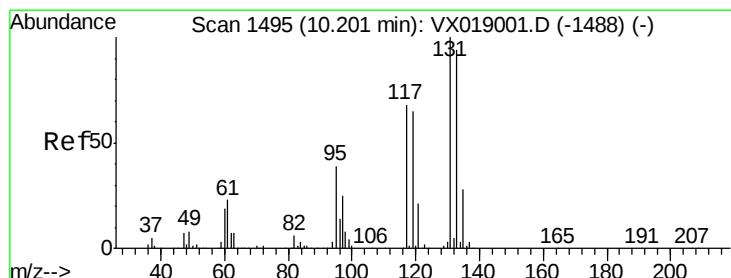
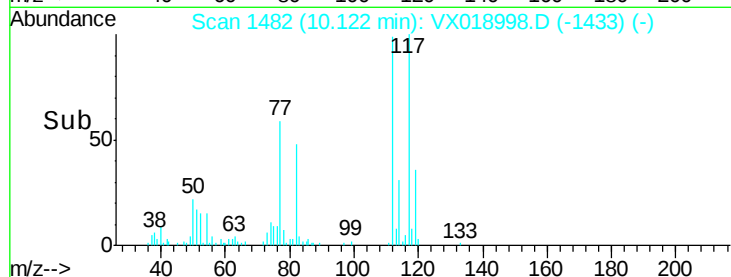
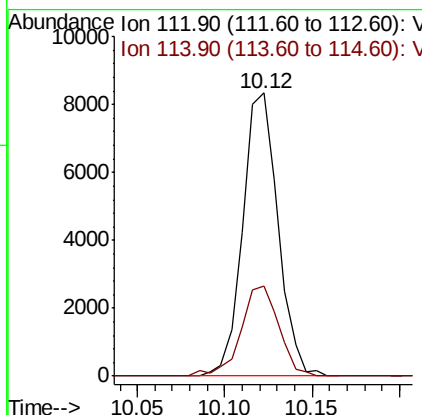
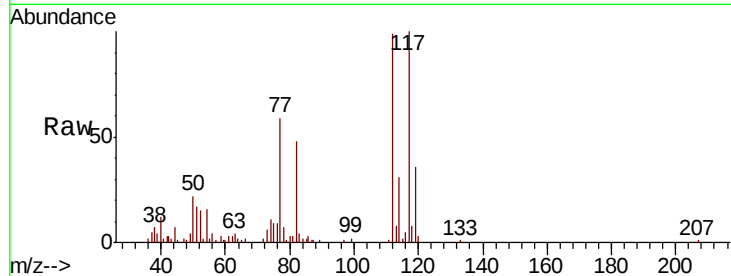




#65
Chlorobenzene
Concen: 0.937 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

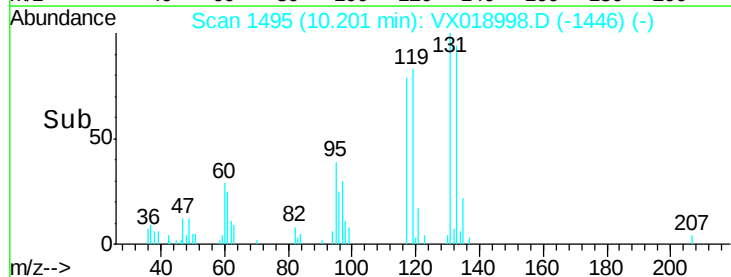
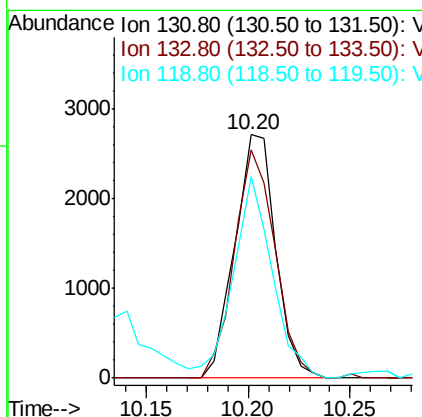
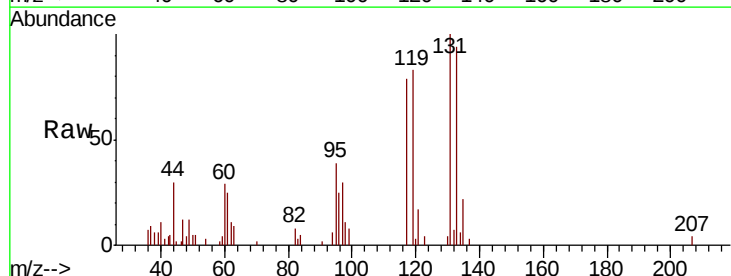
Instrument :
MSVOA_N
ClientSampleId :
BFB

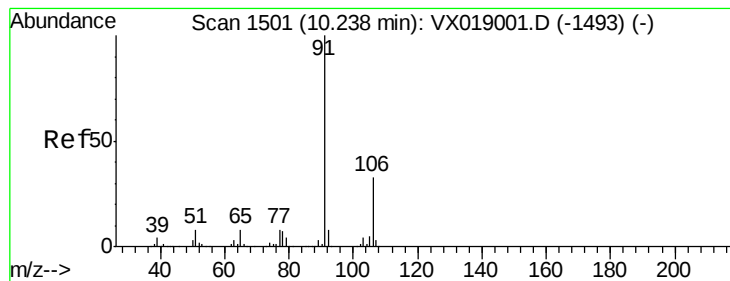
Tot Ion:112 Resp: 11670
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 0.768 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Tgt Ion:131 Resp: 3769
Ion Ratio Lower Upper
131 100
133 93.2 48.6 145.9
119 0.0 33.9 101.6#





#67

Ethyl Benzene

Concen: 0.915 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

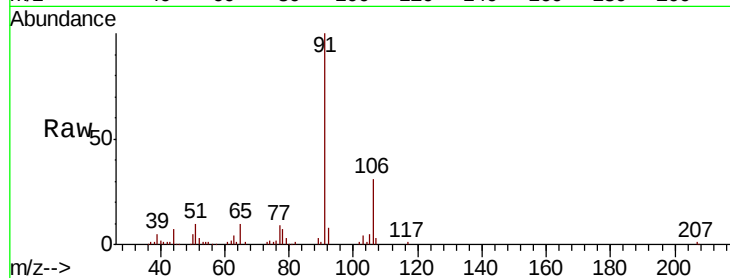
BFB

Tot Ion: 91 Resp: 19689

Ion Ratio Lower Upper

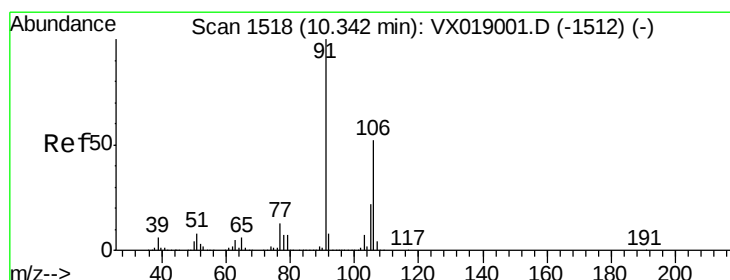
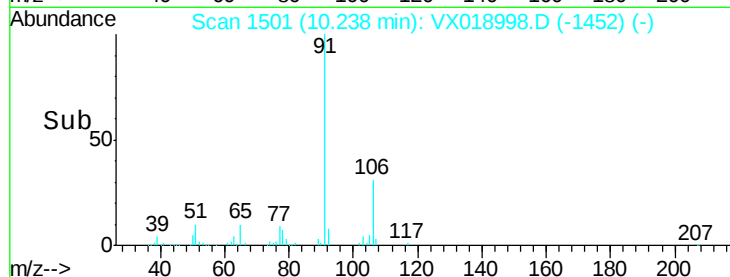
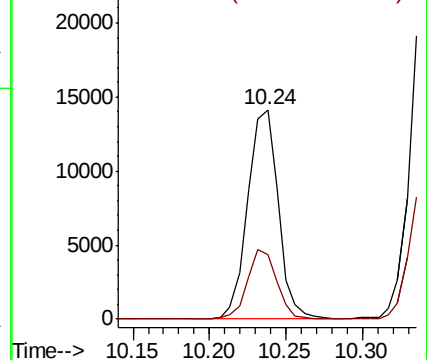
91 100

106 30.7 26.7 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 1.765 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018998.D

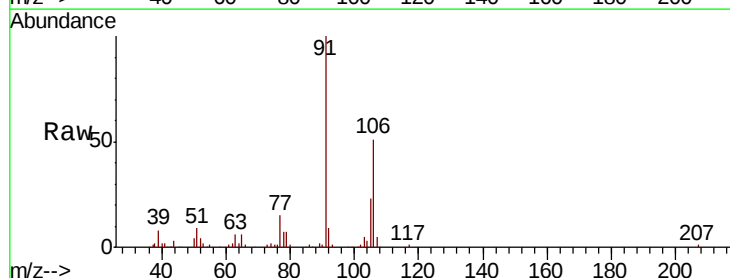
Acq: 21 Oct 2020 10:14

Tgt Ion: 106 Resp: 14536

Ion Ratio Lower Upper

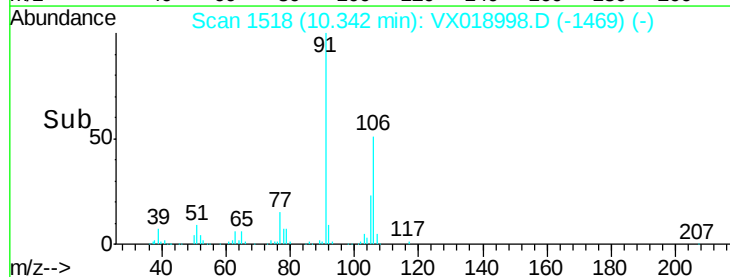
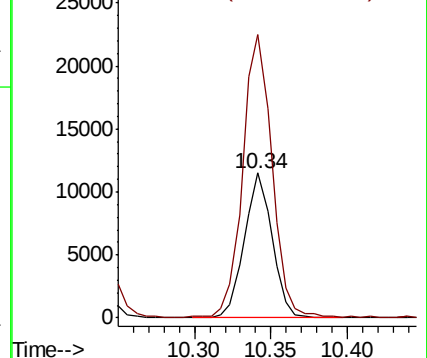
106 100

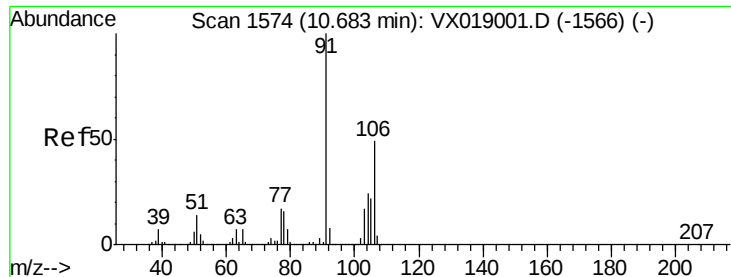
91 207.0 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

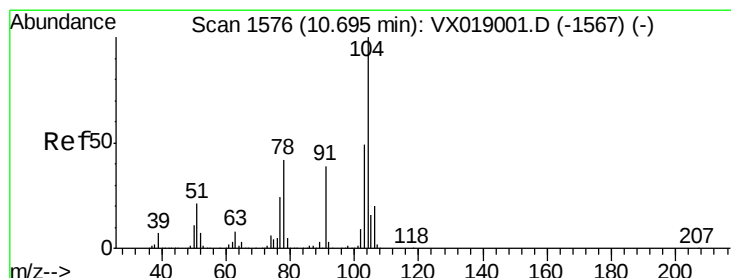
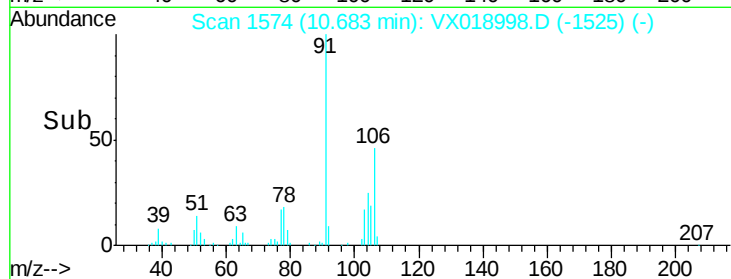
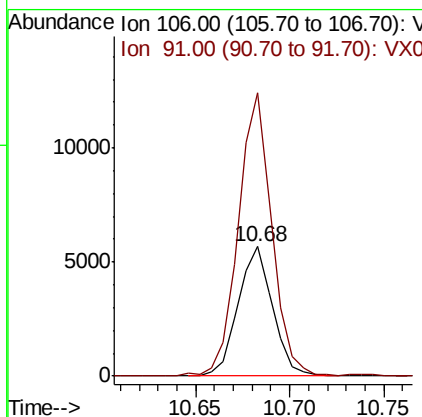
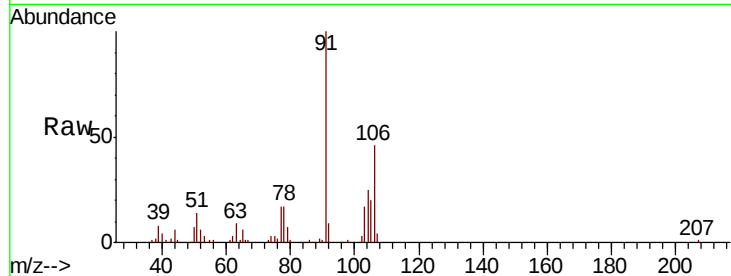




#69
o-Xylene
Concen: 0.927 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

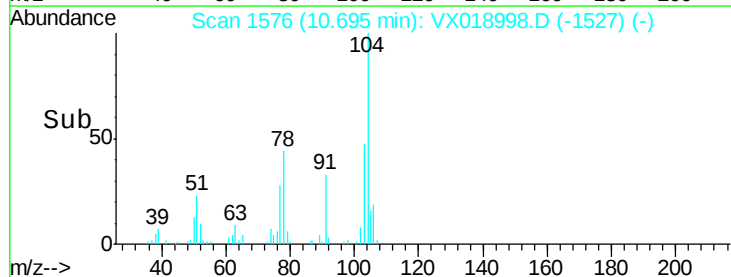
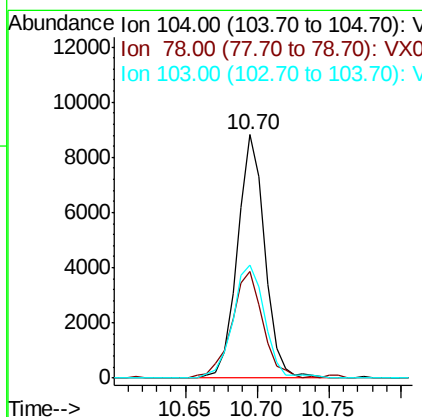
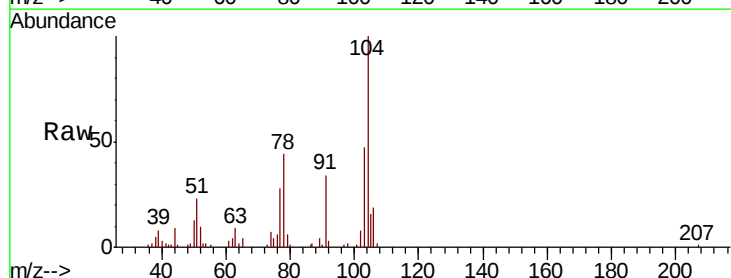
Instrument :
MSVOA_N
ClientSampled :
BFB

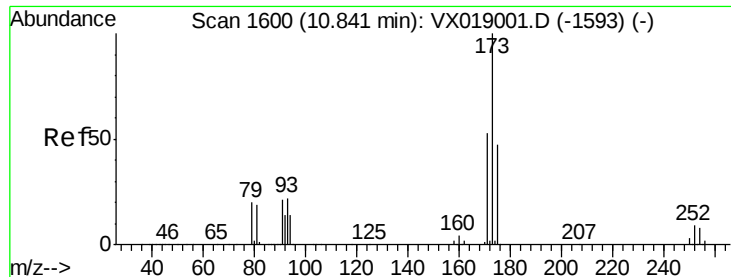
Tot Ion:106 Resp: 7199
Ion Ratio Lower Upper
106 100
91 211.8 104.1 312.2



#70
Styrene
Concen: 0.874 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Tgt Ion:104 Resp: 11653
Ion Ratio Lower Upper
104 100
78 50.6 37.3 55.9
103 54.6 43.0 64.6





#71

Bromoform

Concen: 0.645 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

BFB

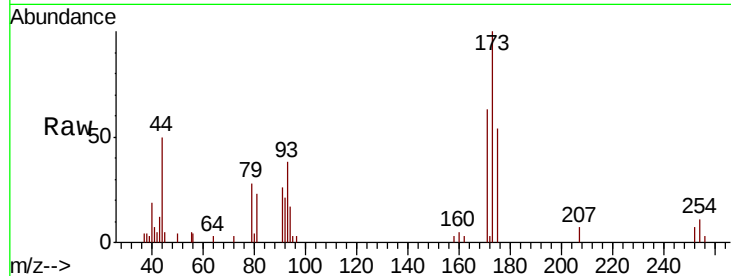
Tot Ion:173 Resp: 2644

Ion Ratio Lower Upper

173 100

175 49.4 23.8 71.2

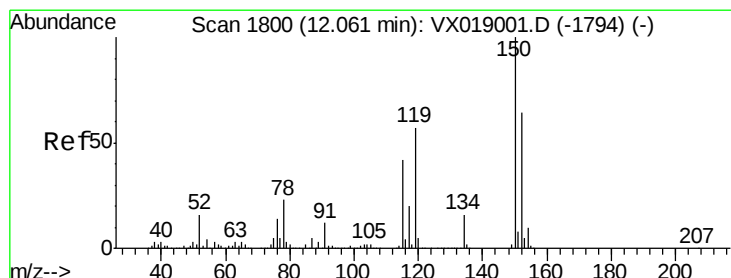
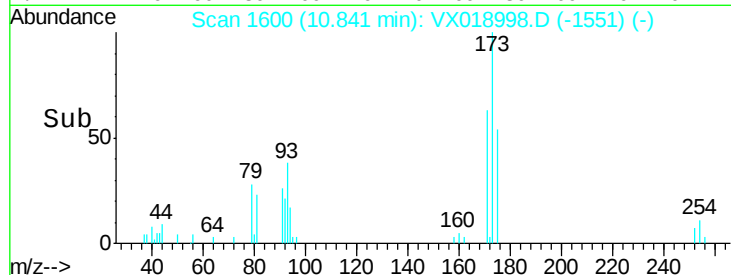
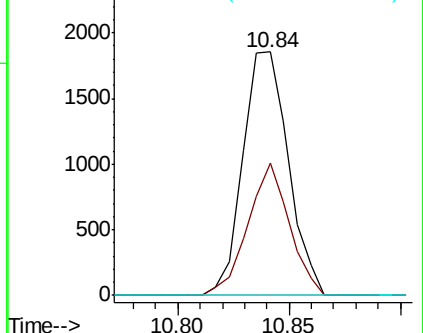
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

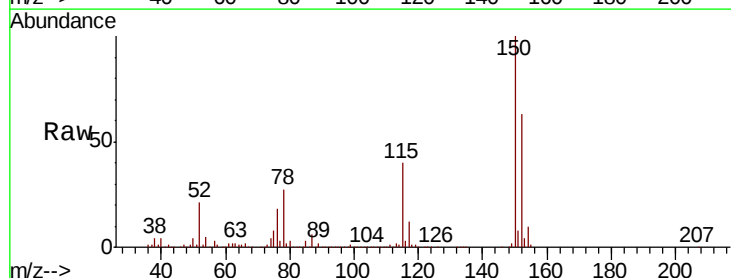
Tgt Ion:152 Resp: 264878

Ion Ratio Lower Upper

152 100

115 63.2 41.1 123.4

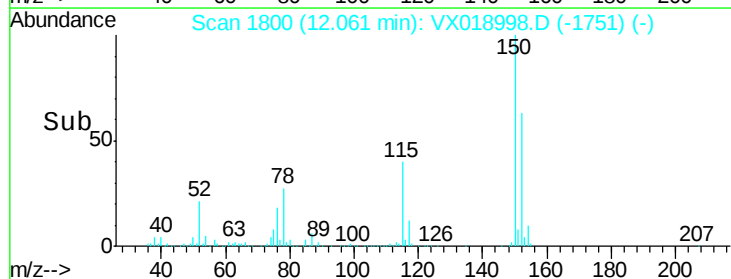
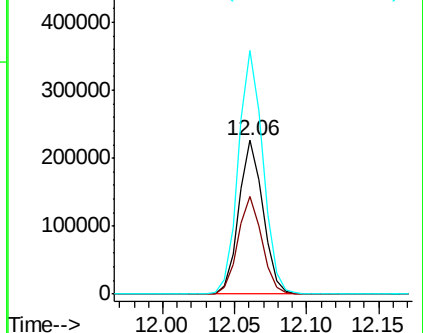
150 160.7 0.0 356.4

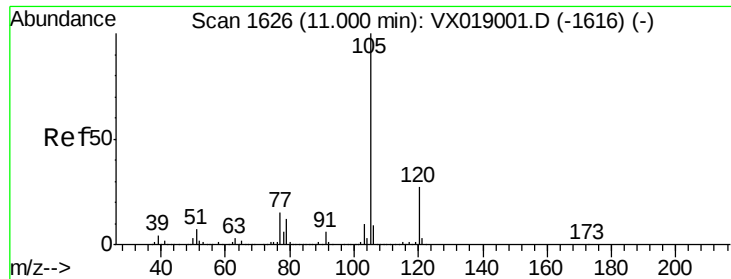


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.031 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

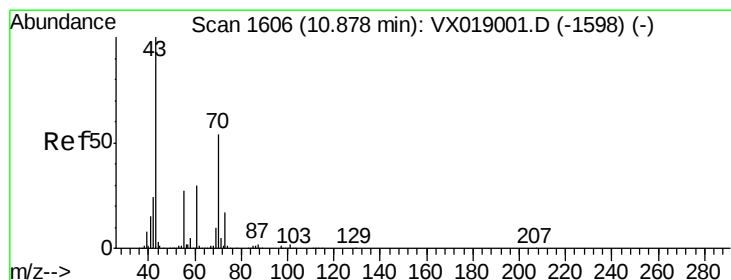
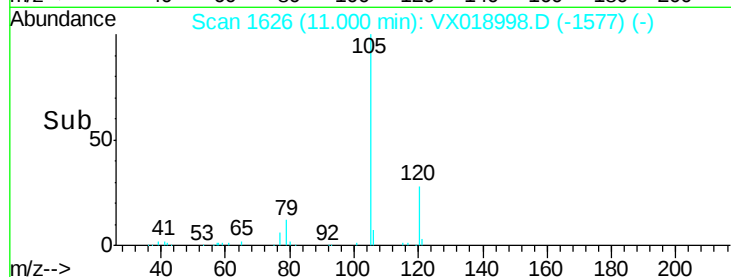
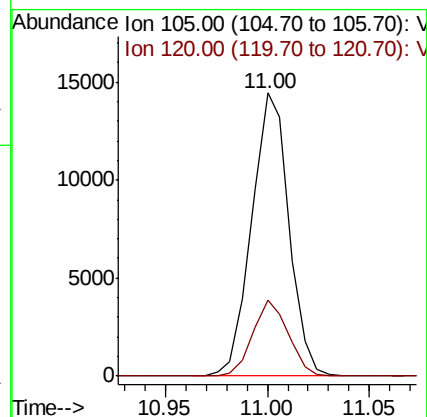
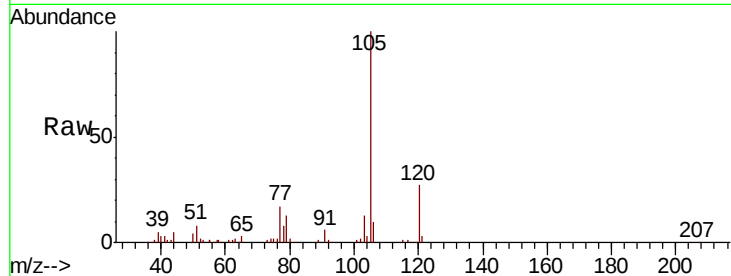
BFB

Tot Ion:105 Resp: 18355

Ion Ratio Lower Upper

105 100

120 25.7 13.8 41.3



#74

N-ethyl acetate

Concen: 0.856 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Tgt Ion: 43 Resp: 6479

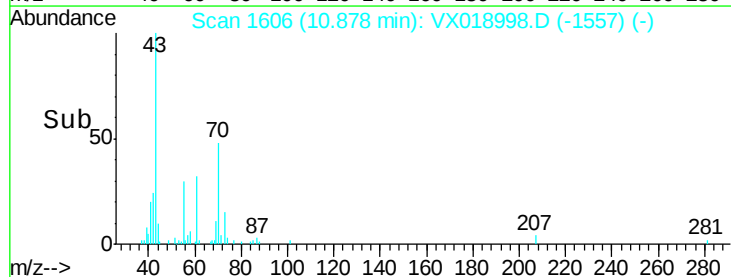
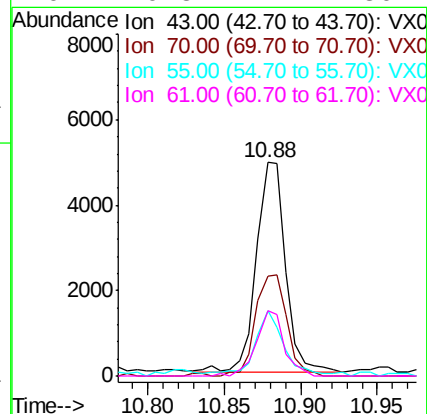
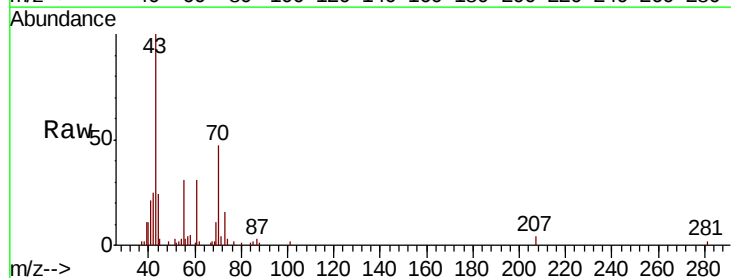
Ion Ratio Lower Upper

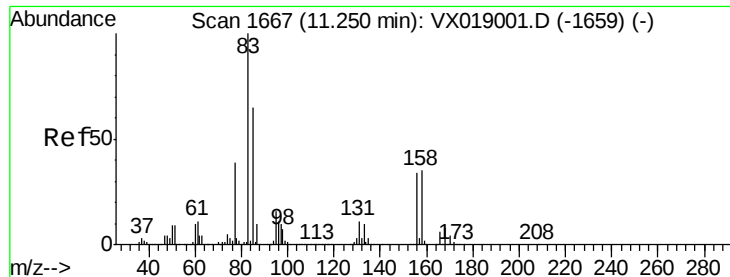
43 100

70 52.3 45.3 67.9

55 31.8 21.7 32.5

61 29.8 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 0.978 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

BFB

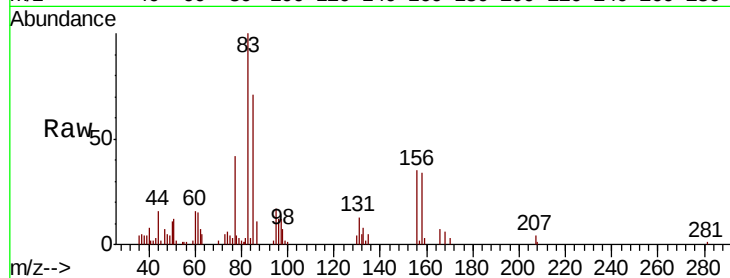
Tot Ion: 83 Resp: 5703

Ion Ratio Lower Upper

83 100

131 11.9 5.5 16.4

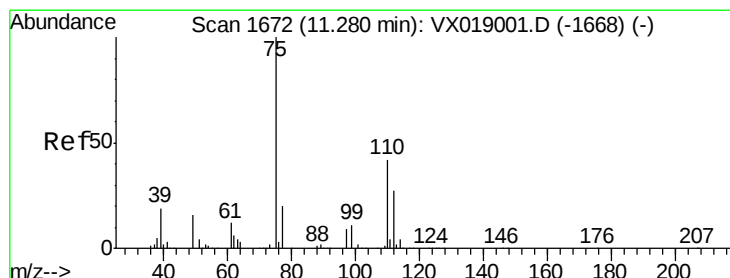
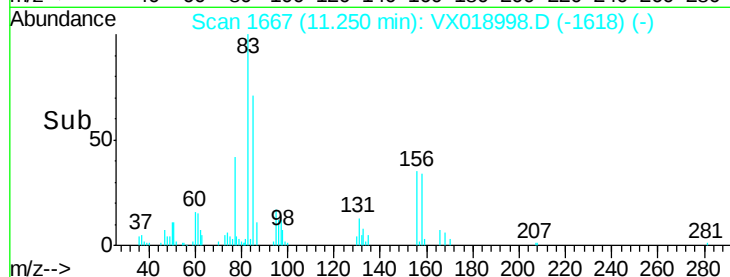
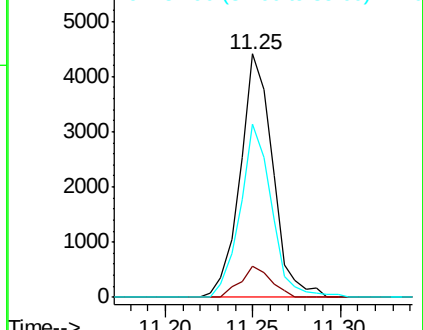
85 69.0 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.398 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018998.D

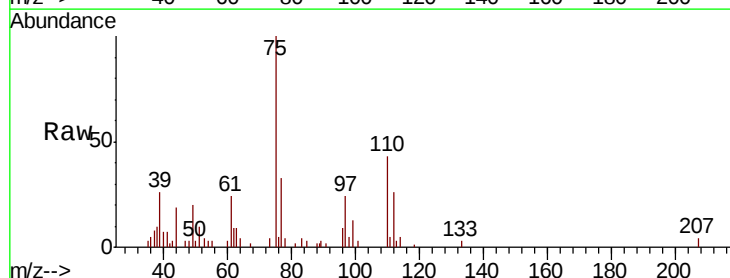
Acq: 21 Oct 2020 10:14

Tgt Ion: 75 Resp: 7697

Ion Ratio Lower Upper

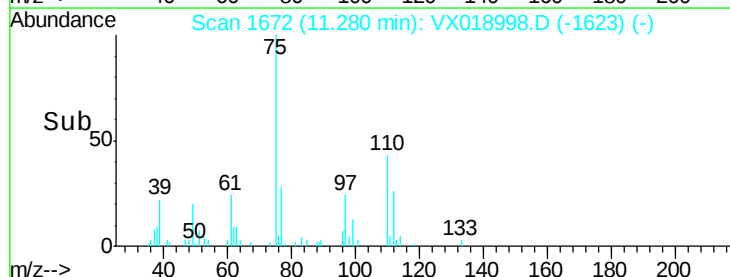
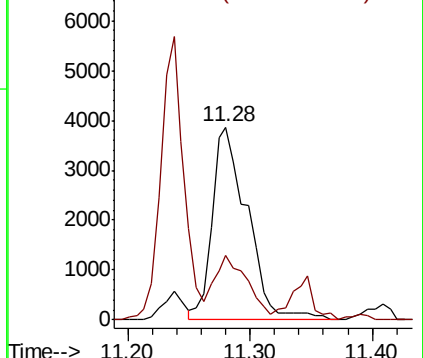
75 100

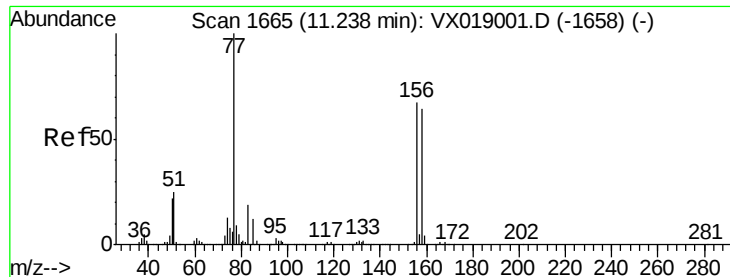
77 31.7 20.6 61.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.945 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

BFB

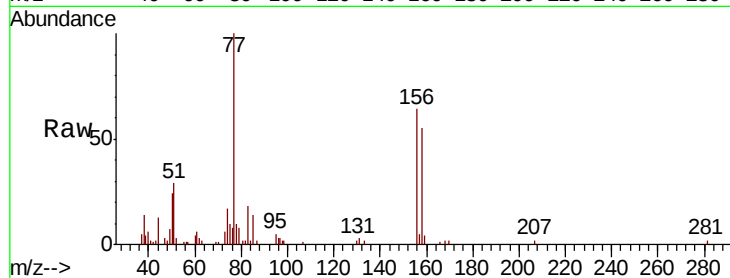
Tot Ion:156 Resp: 4583

Ion Ratio Lower Upper

156 100

77 164.2 74.0 221.9

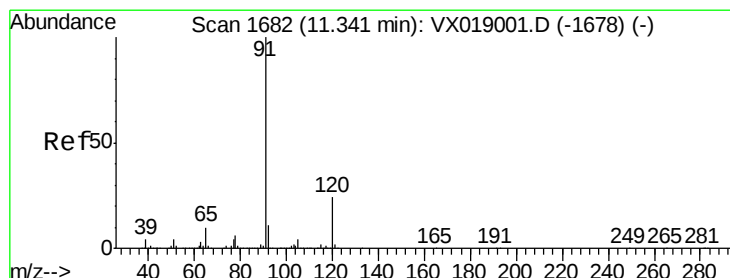
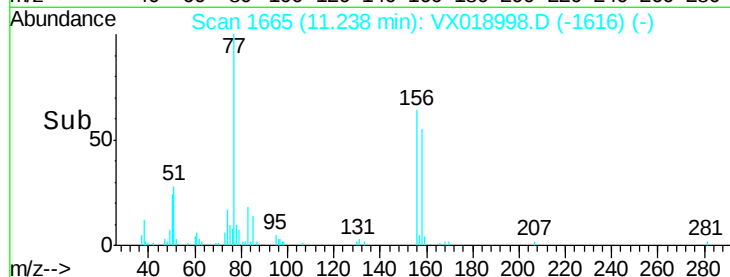
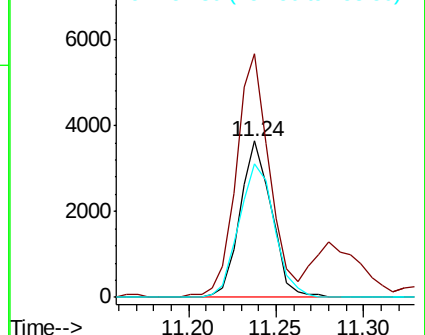
158 95.7 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.048 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018998.D

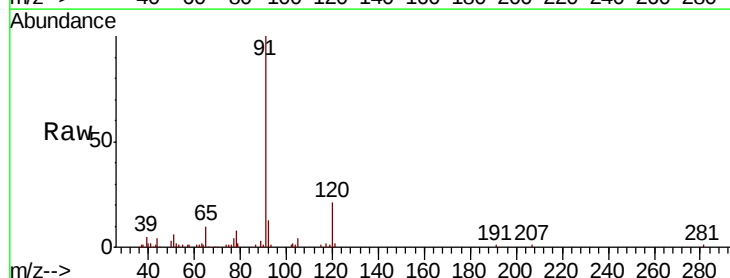
Acq: 21 Oct 2020 10:14

Tgt Ion: 91 Resp: 21609

Ion Ratio Lower Upper

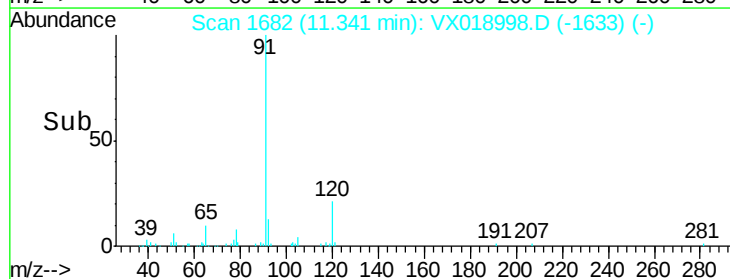
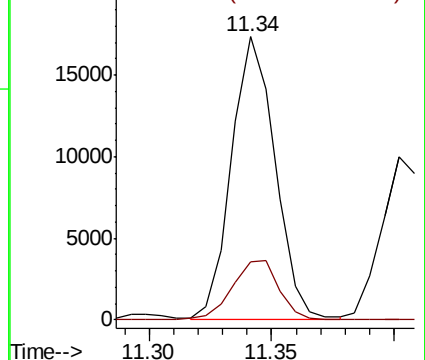
91 100

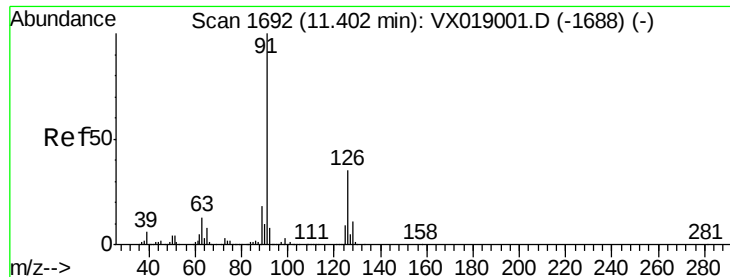
120 22.4 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.034 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampleId :

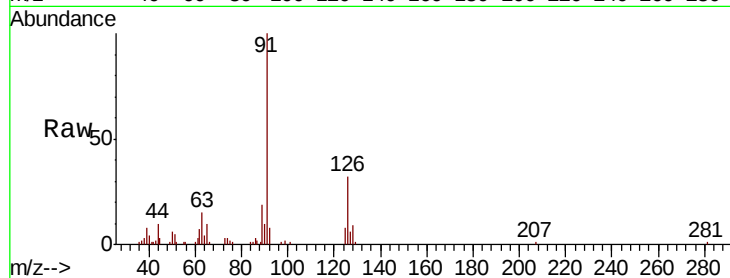
BFB

Tot Ion: 91 Resp: 12870

Ion Ratio Lower Upper

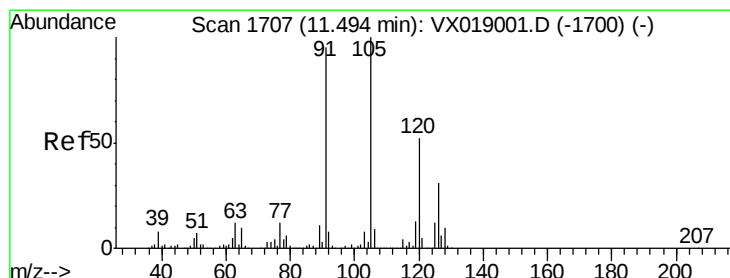
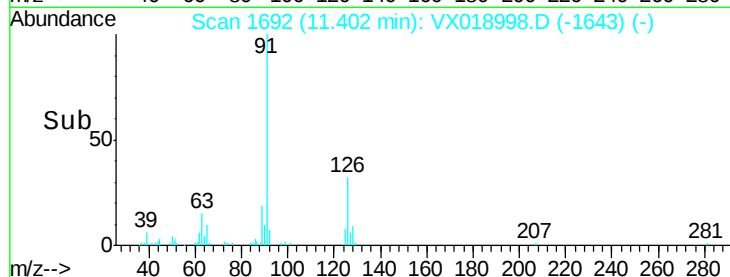
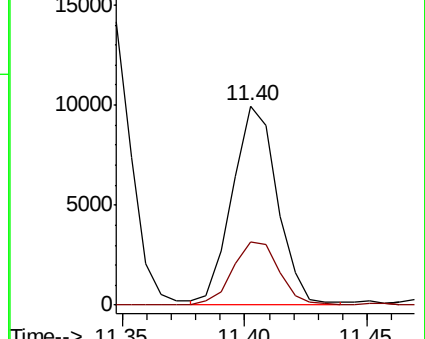
91 100

126 32.6 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.987 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018998.D

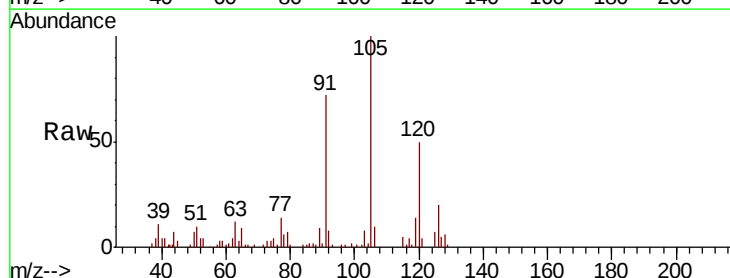
Acq: 21 Oct 2020 10:14

Tgt Ion:105 Resp: 14931

Ion Ratio Lower Upper

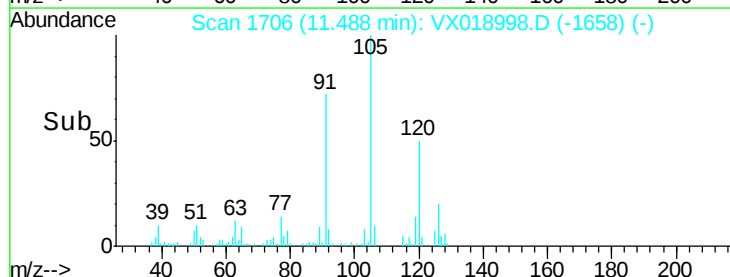
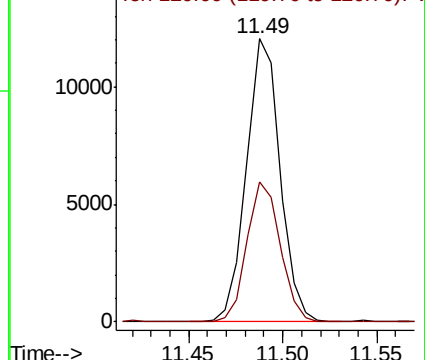
105 100

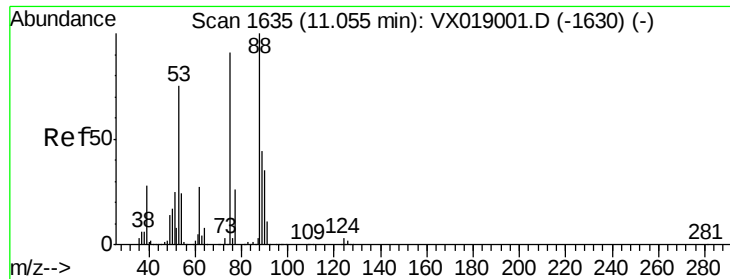
120 48.7 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 1.057 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

BFB

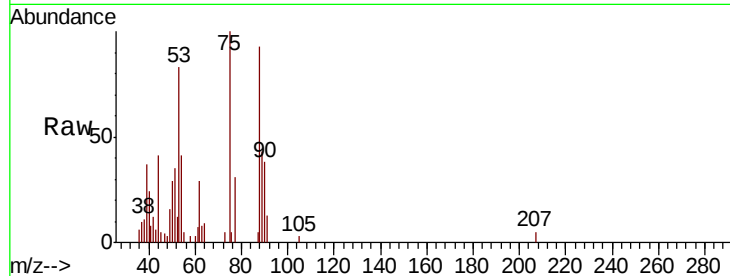
Tot Ion: 75 Resp: 2263

Ion Ratio Lower Upper

75 100

53 93.0 64.2 96.4

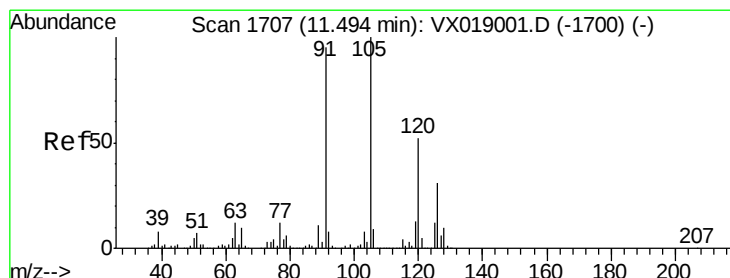
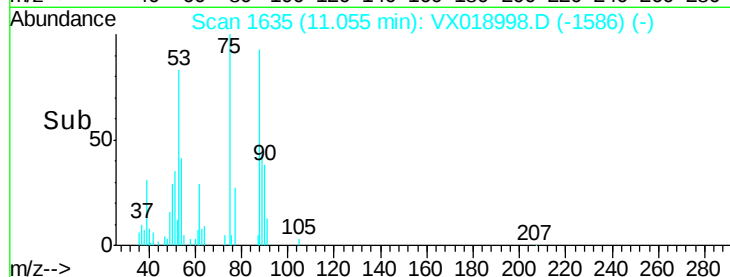
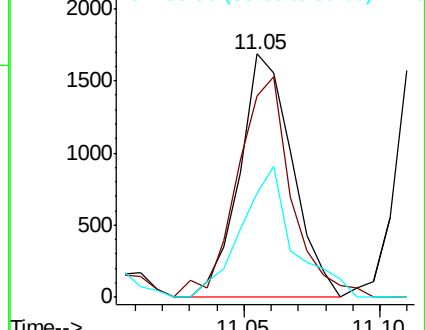
89 53.4 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.061 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018998.D

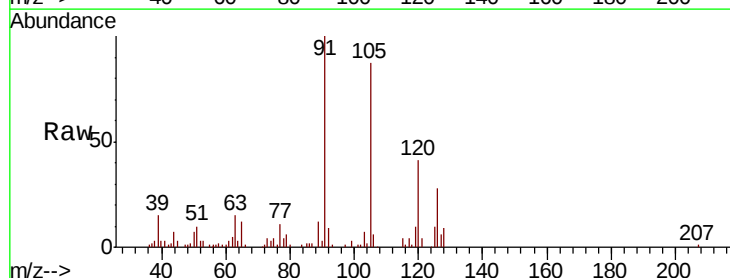
Acq: 21 Oct 2020 10:14

Tgt Ion: 91 Resp: 15702

Ion Ratio Lower Upper

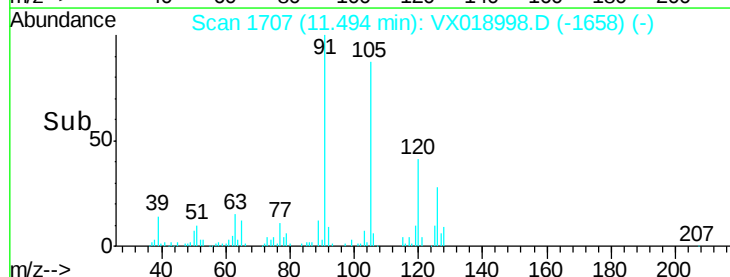
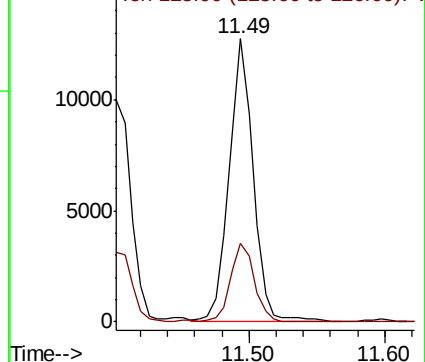
91 100

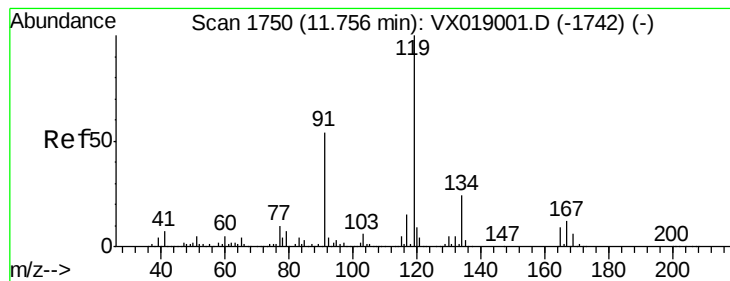
126 27.4 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.965 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

BFB

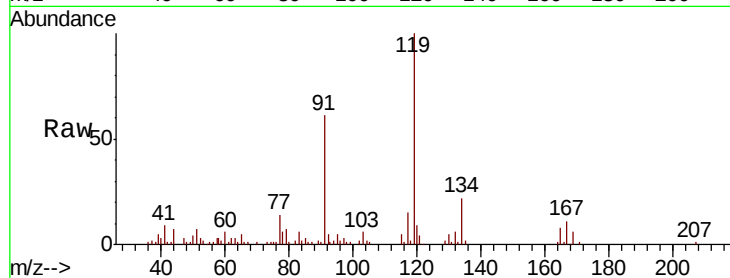
Tot Ion:119 Resp: 14270

Ion Ratio Lower Upper

119 100

91 62.9 26.6 79.7

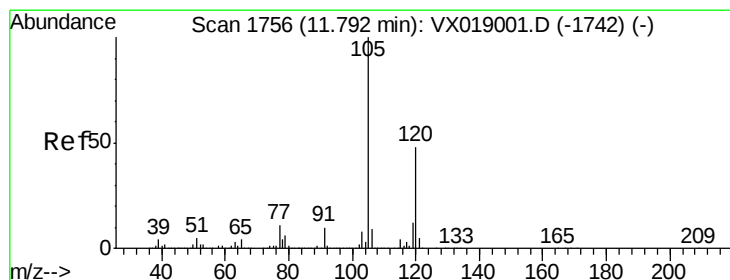
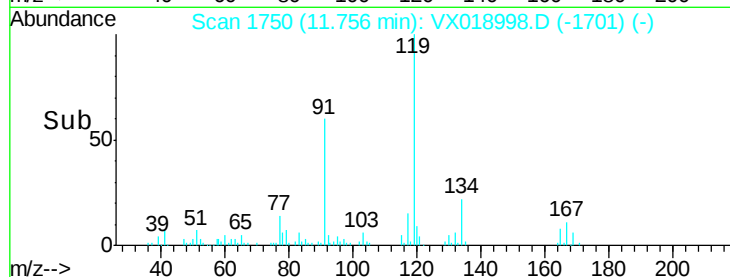
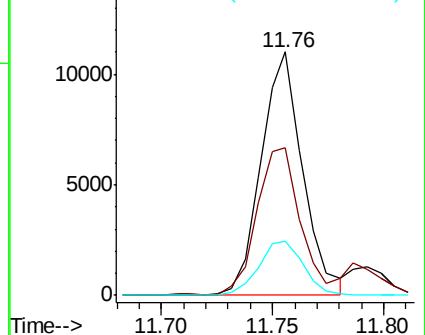
134 24.0 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.974 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018998.D

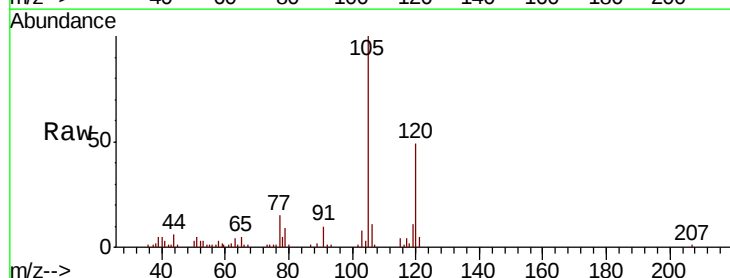
Acq: 21 Oct 2020 10:14

Tgt Ion:105 Resp: 14795

Ion Ratio Lower Upper

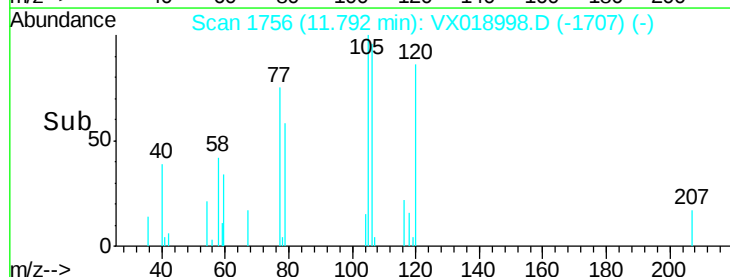
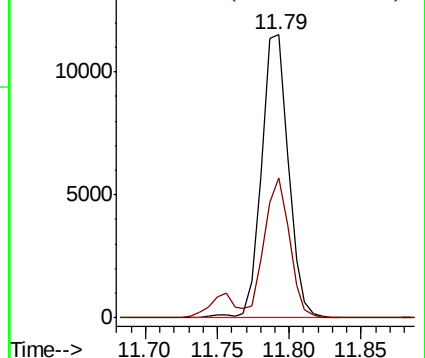
105 100

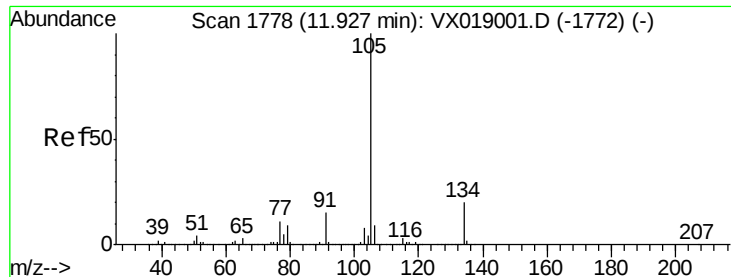
120 46.3 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

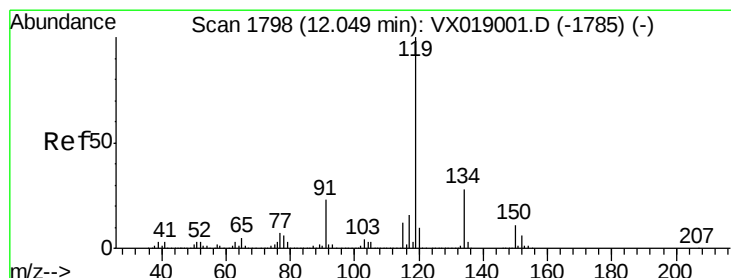
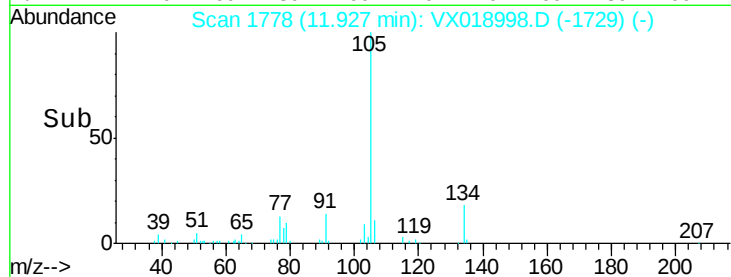
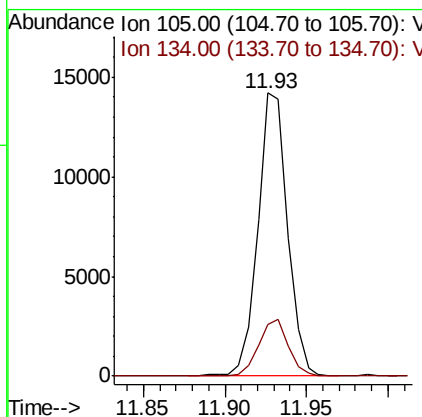
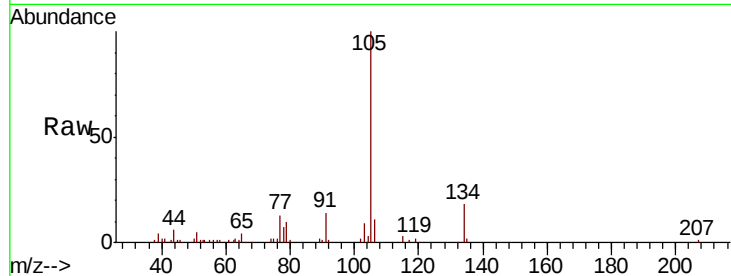




#85
 sec-Butylbenzene
 Concen: 1.029 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

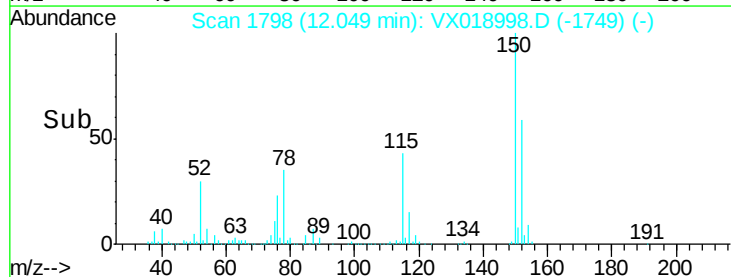
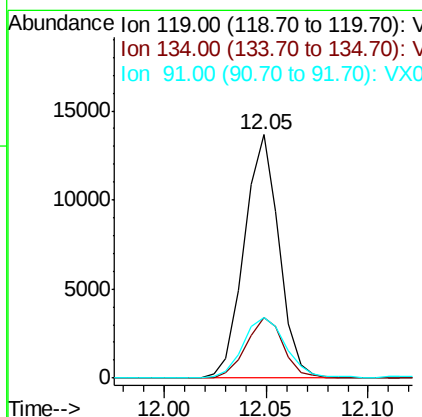
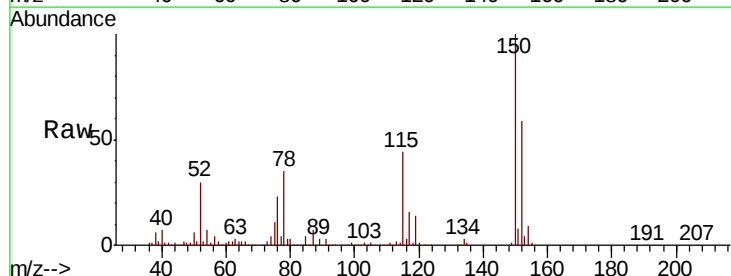
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

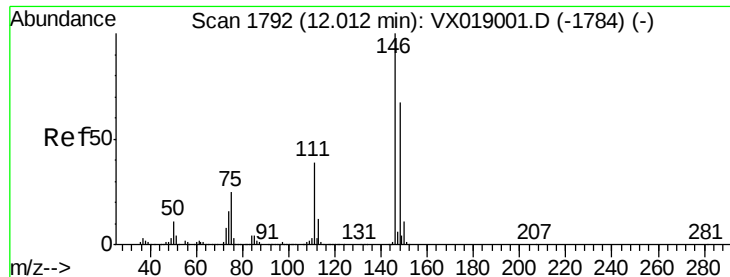
Tot Ion:105 Resp: 17882
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 1.008 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

Tgt Ion:119 Resp: 16115
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.8 41.3
 91 31.1 11.4 34.2

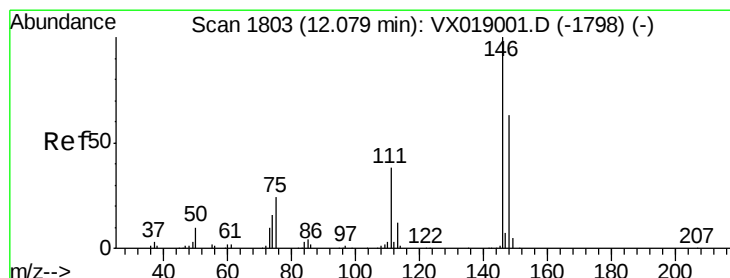
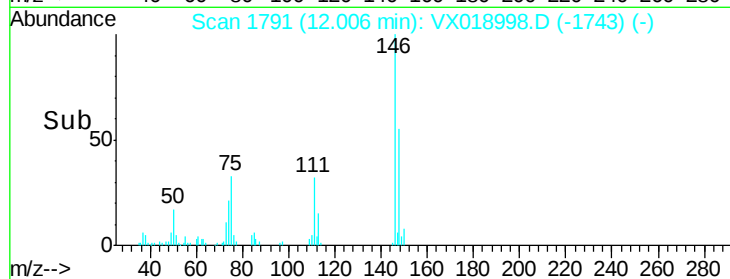
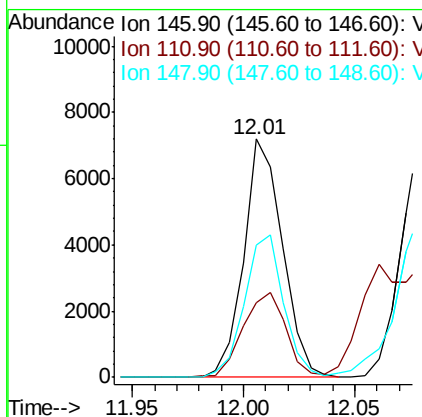
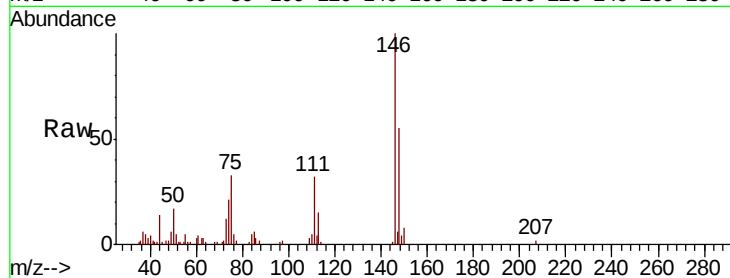




#87
 1,3-Dichlorobenzene
 Concen: 0.997 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

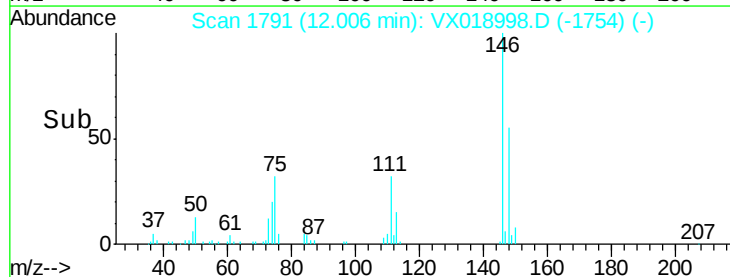
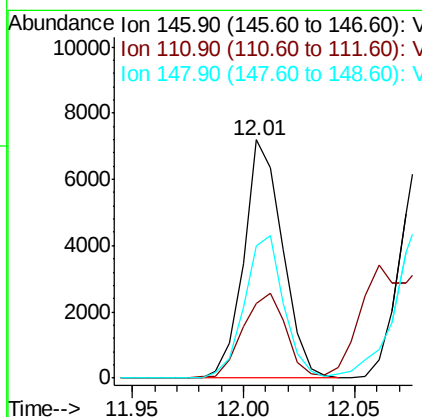
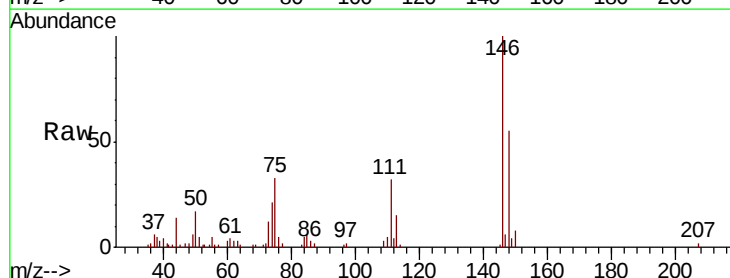
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

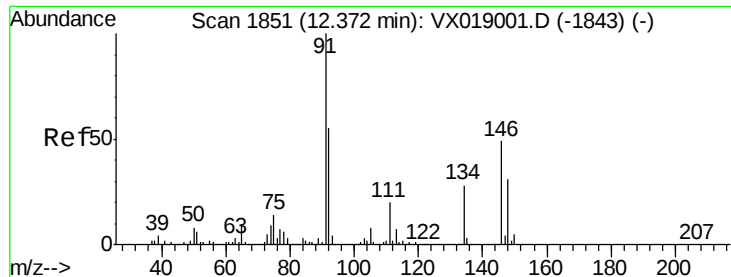
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.4
148	60.5	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.981 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.07 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.2	57.6
148	60.5	32.3	96.8





#89

n-Butylbenzene

Concen: 1.079 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018998.D

Acq: 21 Oct 2020 10:14

Instrument :

MSVOA_N

ClientSampled :

BFB

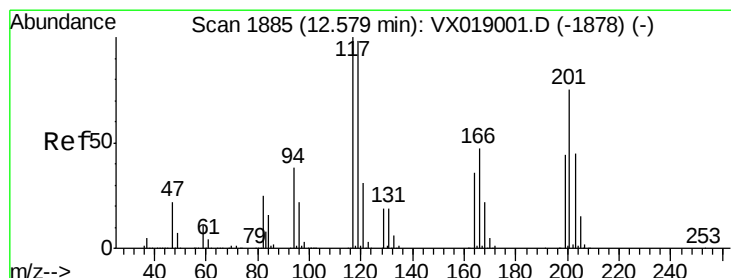
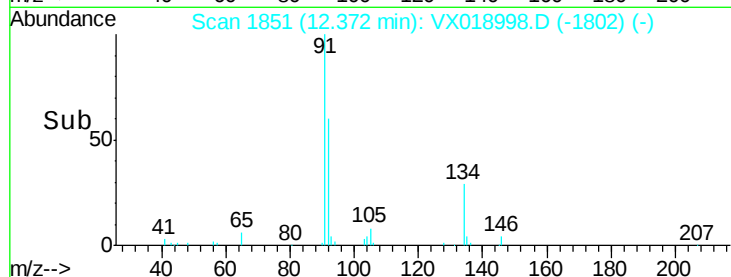
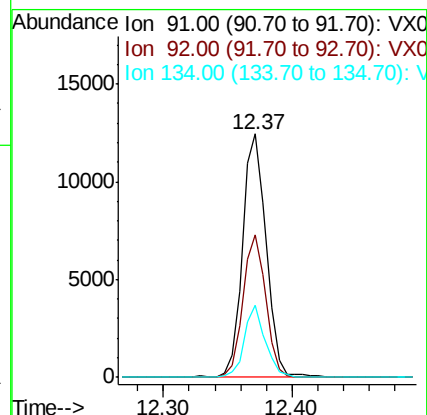
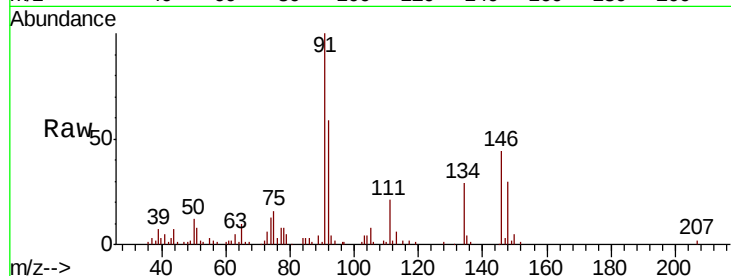
Tot Ion: 91 Resp: 15914

Ion Ratio Lower Upper

91 100

92 55.7 27.3 81.9

134 25.9 14.1 42.3



#90

Hexachloroethane

Concen: 0.776 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018998.D

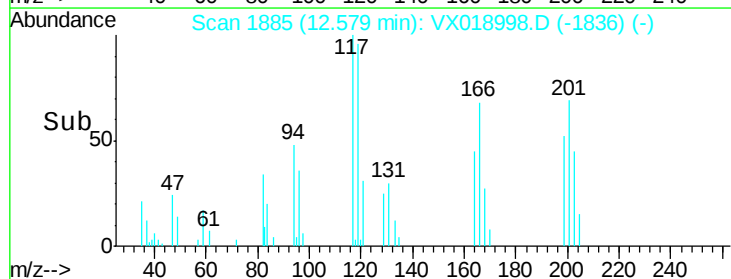
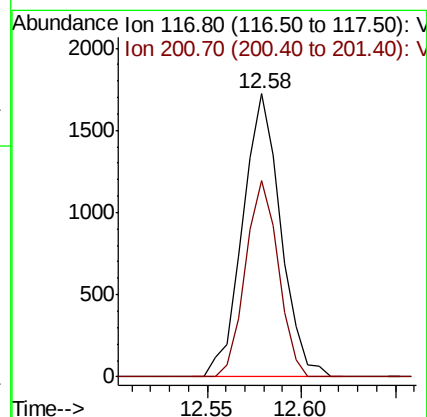
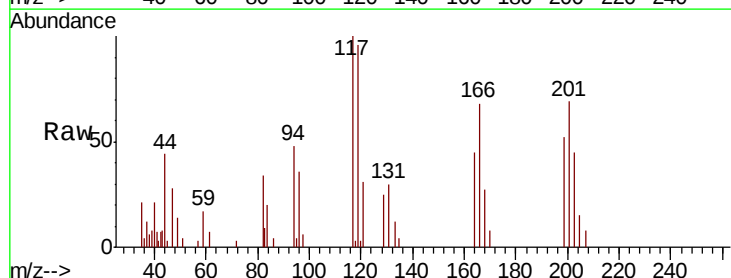
Acq: 21 Oct 2020 10:14

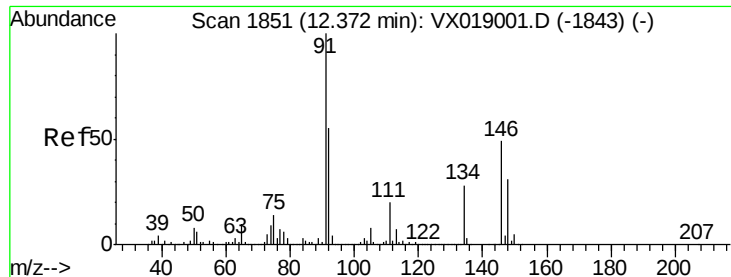
Tgt Ion: 117 Resp: 2409

Ion Ratio Lower Upper

117 100

201 59.7 37.5 112.3

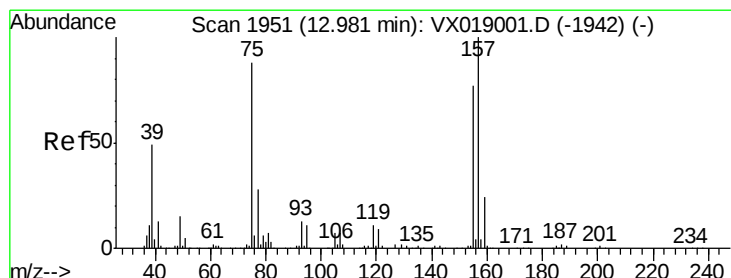
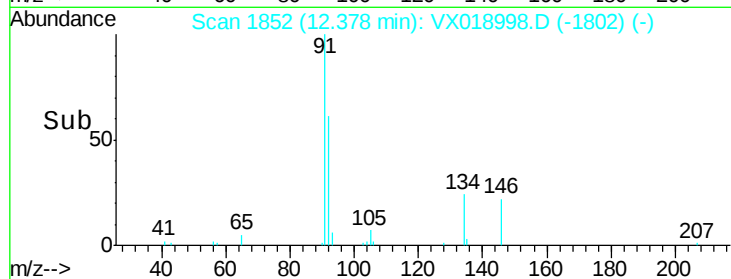
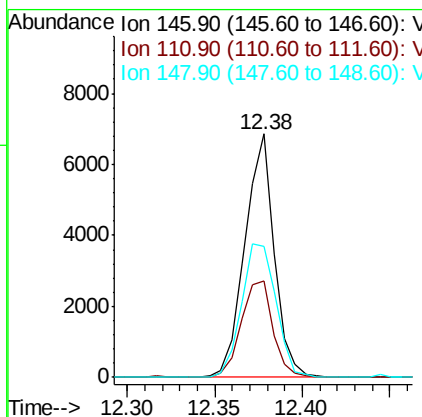
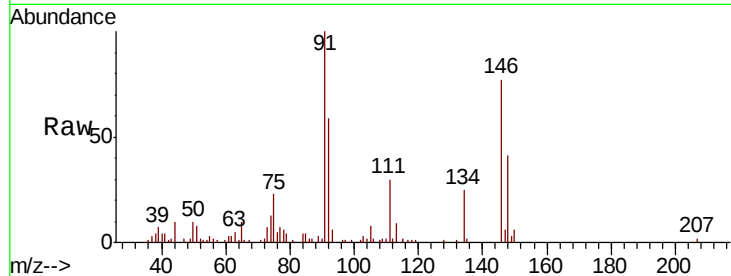




#91
 1,2-Dichlorobenzene
 Concen: 0.973 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

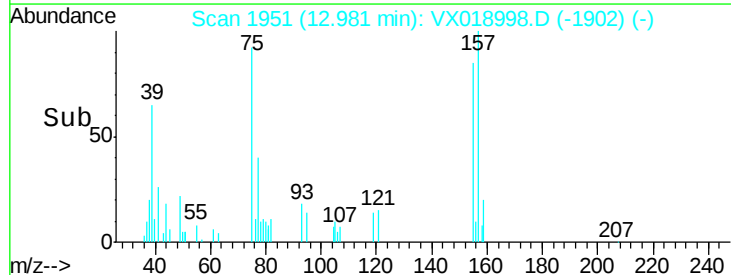
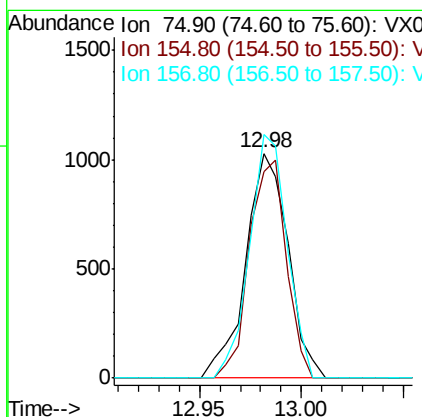
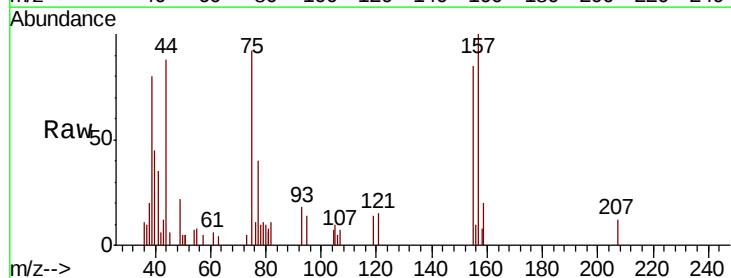
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

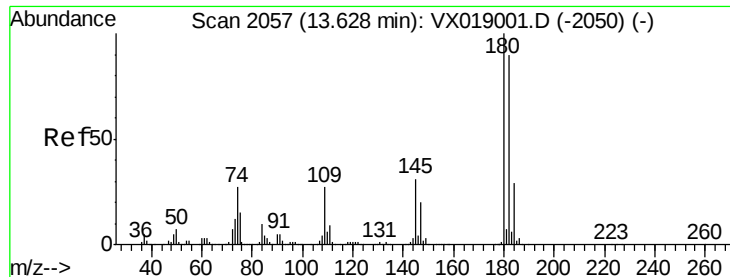
Tot Ion:146 Resp: 8014
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.5 61.5
 148 64.7 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.064 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

Tgt Ion: 75 Resp: 1488
 Ion Ratio Lower Upper
 75 100
 155 84.9 47.3 141.8
 157 96.4 61.6 184.8

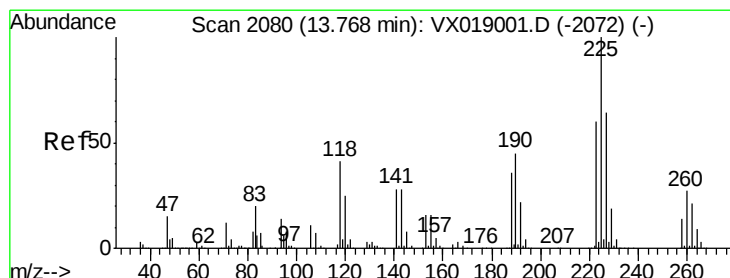
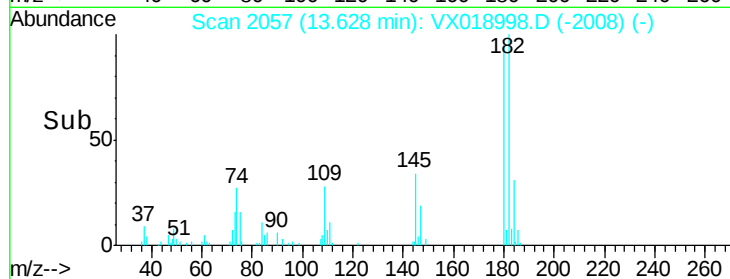
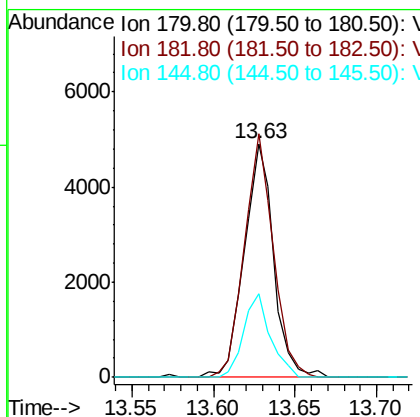
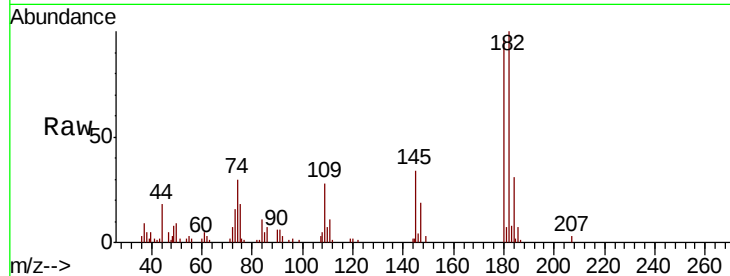




#93
 1,2,4-Trichlorobenzene
 Concen: 1.086 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

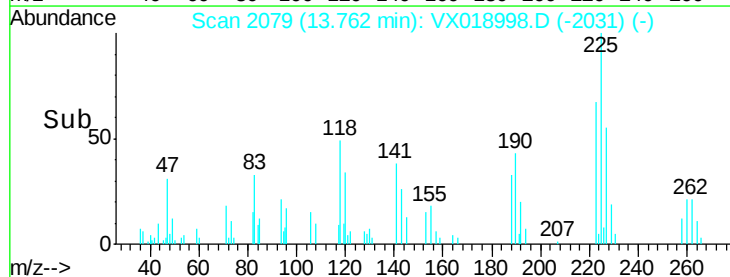
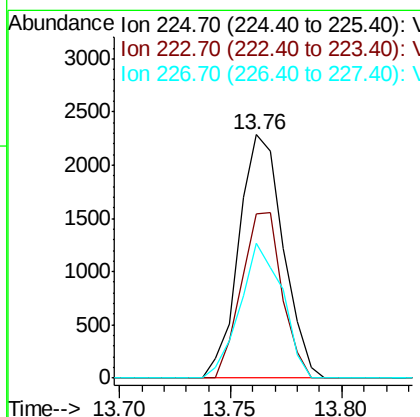
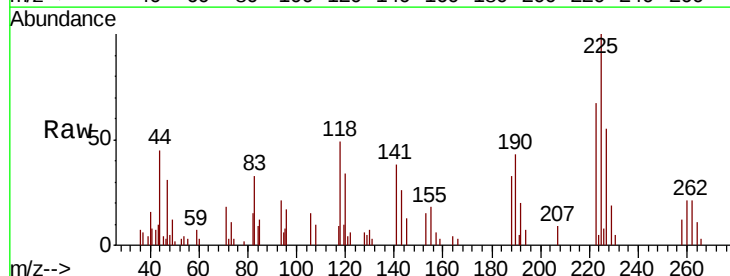
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

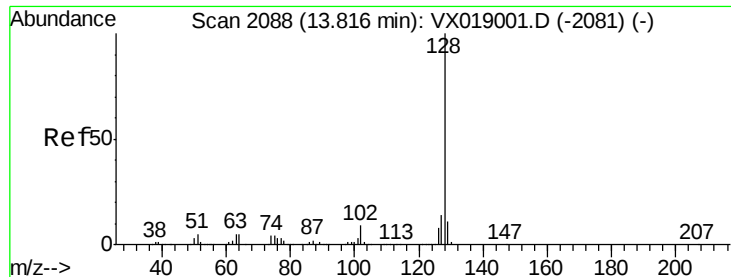
Tot Ion:180 Resp: 6178
 Ion Ratio Lower Upper
 180 100
 182 102.3 46.4 139.2
 145 32.5 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 1.337 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018998.D
 Acq: 21 Oct 2020 10:14

Tgt Ion:225 Resp: 3165
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.4 97.2
 227 53.0 31.2 93.6

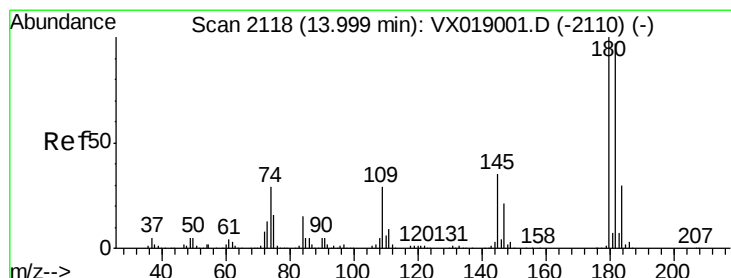
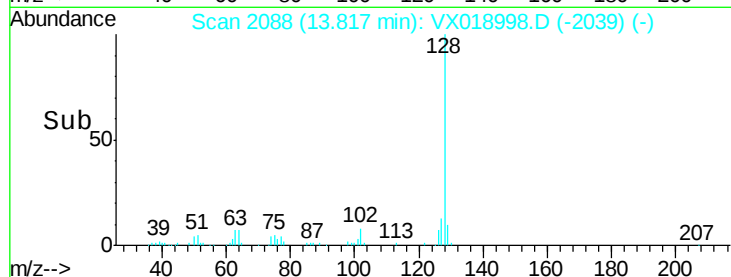
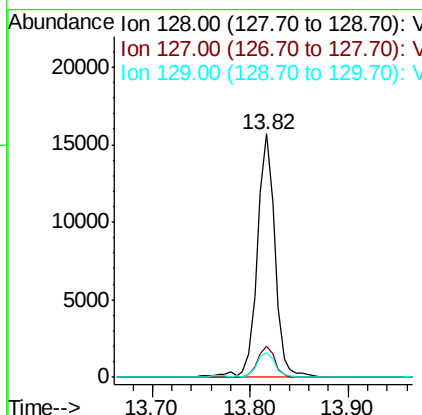
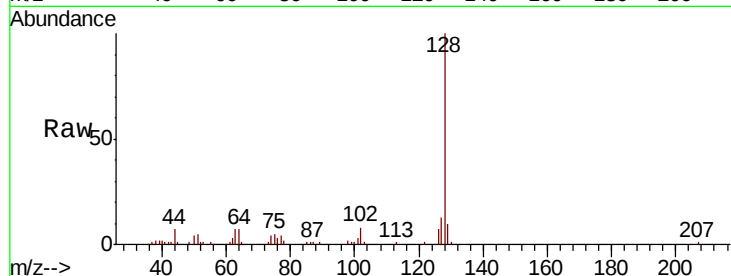




#95
Naphthalene
Concen: 1.143 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion:128 Resp: 19816
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.131 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018998.D
Acq: 21 Oct 2020 10:14

Tgt Ion:180 Resp: 6115
Ion Ratio Lower Upper
180 100
182 92.0 46.9 140.7
145 32.4 16.7 50.0

