

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
 Data File : 001.D
 Acq On : 17 Aug 2020 13:26
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Aug 17 15:00:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 14:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	224088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	336547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	366055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115975	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	2346	0.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.36%	
35) Dibromofluoromethane	7.54	113	1880	0.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.64%	
50) Toluene-d8	10.06	98	6896	0.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.54%	
62) 4-Bromofluorobenzene	12.38	95	2890	0.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	1769	0.571 ug/l	98
3) Chloromethane	2.04	50	2594	0.880 ug/l #	87
4) Vinyl Chloride	2.16	62	3524	1.209 ug/l	97
5) Bromomethane	2.53	94	2437	1.260 ug/l	81
6) Chloroethane	2.67	64	2143	1.121 ug/l	95
7) Trichlorofluoromethane	2.98	101	4642	0.935 ug/l	93
8) Diethyl Ether	3.37	74	1368	0.970 ug/l #	52
9) 1,1,2-Trichlorotrifluoroet	3.71	101	2220	1.001 ug/l #	84
10) Methyl Iodide	3.91	142	2364	0.954 ug/l #	81
11) Tert butyl alcohol	4.69	59	1489	2.669 ug/l #	74
12) 1,1-Dichloroethene	3.70	96	2178	1.036 ug/l	96
13) Acrolein	3.58	56	796	2.299 ug/l #	74
14) Allyl chloride	4.27	41	3057	0.807 ug/l	89
15) Acrylonitrile	4.93	53	1680	1.241 ug/l #	31
16) Acetone	3.78	43	4210	3.340 ug/l	92
17) Carbon Disulfide	4.00	76	6601	1.066 ug/l	99
18) Methyl Acetate	4.27	43	1700	0.501 ug/l #	87
19) Methyl tert-butyl Ether	4.99	73	5690	0.687 ug/l	95
20) Methylene Chloride	4.50	84	3298	1.228 ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	2151	0.973 ug/l	88
22) Diisopropyl ether	5.90	45	5544	0.691 ug/l	92
23) Vinyl Acetate	5.85	43	20603	3.395 ug/l	99
24) 1,1-Dichloroethane	5.79	63	3648	0.771 ug/l #	83
25) 2-Butanone	6.80	43	5960	3.356 ug/l #	82
26) 2,2-Dichloropropane	6.76	77	1469	0.345 ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	2473	0.937 ug/l	82
28) Bromochloromethane	7.14	49	1467	0.641 ug/l #	99
29) Tetrahydrofuran	7.17	42	3422	2.959 ug/l #	59
30) Chloroform	7.32	83	4242	0.851 ug/l	93
31) Cyclohexane	7.62	56	6154	1.427 ug/l #	31
32) 1,1,1-Trichloroethane	7.53	97	3418	0.777 ug/l #	49
36) 1,1-Dichloropropene	7.75	75	2814	0.882 ug/l	93
37) Ethyl Acetate	6.89	43	2418	0.739 ug/l #	65
38) Carbon Tetrachloride	7.72	117	3128	0.832 ug/l	94

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	3908	0.995	ug/l	88
40) Benzene	8.00	78	8972	0.926	ug/l	100
41) Methacrylonitrile	7.13	41	1144	0.793	ug/l #	48
42) 1,2-Dichloroethane	8.09	62	3083	0.779	ug/l	82
43) Isopropyl Acetate	8.13	43	3464	0.636	ug/l #	85
44) Trichloroethene	8.80	130	2608	1.087	ug/l	96
45) 1,2-Dichloropropane	9.09	63	3011	1.158	ug/l	92
46) Dibromomethane	9.17	93	1614	0.946	ug/l	97
47) Bromodichloromethane	9.37	83	3098	0.822	ug/l #	92
48) Methyl methacrylate	9.17	41	1840	0.689	ug/l	96
49) 1,4-Dioxane	9.17	88	696	13.884	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	11601	3.296	ug/l	90
52) Toluene	10.12	92	5341	0.891	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	3010	0.729	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	3184	0.756	ug/l #	76
55) 1,1,2-Trichloroethane	10.53	97	2330	0.908	ug/l	96
56) Ethyl methacrylate	10.40	69	2607	0.693	ug/l	98
57) 1,3-Dichloropropane	10.68	76	3503	0.817	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	3344	3.214	ug/l	90
59) 2-Hexanone	10.72	43	7445	2.850	ug/l	90
60) Dibromochloromethane	10.87	129	2512	0.865	ug/l	97
61) 1,2-Dibromoethane	10.98	107	2463	0.974	ug/l	96
64) Tetrachloroethene	10.60	164	2419	1.010	ug/l	91
65) Chlorobenzene	11.41	112	7661	1.006	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	2959	0.975	ug/l #	65
67) Ethyl Benzene	11.48	91	12203	0.908	ug/l	96
68) m/p-Xylenes	11.60	106	8117	1.647	ug/l	93
69) o-Xylene	11.92	106	3742	0.812	ug/l	94
70) Styrene	11.94	104	5962	0.736	ug/l	98
71) Bromoform	12.10	173	2022	0.806	ug/l #	94
73) Isopropylbenzene	12.22	105	8119	0.950	ug/l	99
74) N-amyl acetate	12.05	43	2731	0.819	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.48	83	4103	1.364	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	4557	1.518	ug/l #	100
77) Bromobenzene	12.50	156	2685	1.232	ug/l	78
78) n-propylbenzene	12.57	91	10482	1.048	ug/l	93
79) 2-Chlorotoluene	12.65	91	6202	0.994	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	6102	0.824	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	625	0.641	ug/l #	61
82) 4-Chlorotoluene	12.75	91	5448	0.845	ug/l	97
83) tert-Butylbenzene	12.97	119	5534	0.879	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	5717	0.807	ug/l	92
85) sec-Butylbenzene	13.15	105	6881	0.834	ug/l	97
86) p-Isopropyltoluene	13.26	119	5670	0.773	ug/l	94
87) 1,3-Dichlorobenzene	13.26	146	3575	0.925	ug/l	95
88) 1,4-Dichlorobenzene	13.26	146	3575	0.920	ug/l	96
89) n-Butylbenzene	13.59	91	4767	0.774	ug/l	93
90) Hexachloroethane	13.85	117	1378	0.878	ug/l	85
91) 1,2-Dichlorobenzene	13.63	146	3523	0.969	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	313	0.504	ug/l	94

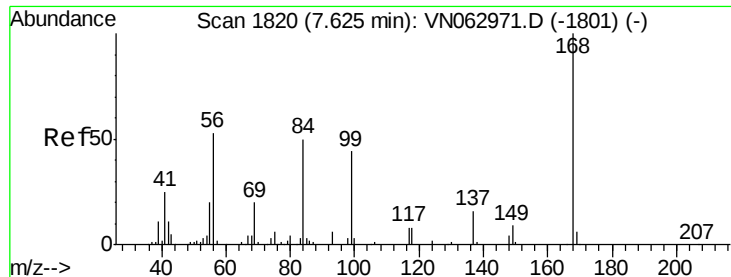
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	1137	0.661	ug/l #	88
94) Hexachlorobutadiene	14.98	225	1517	1.176	ug/l	89
95) Naphthalene	15.10	128	2721	0.616	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.28	180	1220	0.733	ug/l #	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

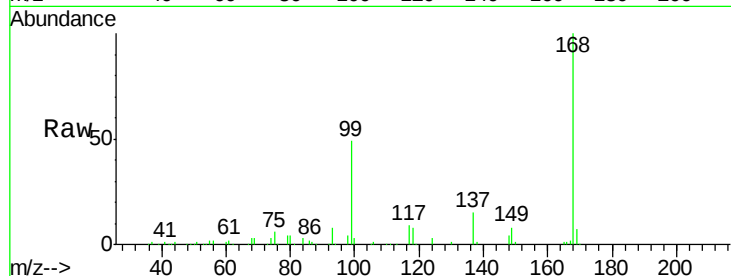
BFB

Tgt Ion: 168 Resp: 224088

Ion Ratio Lower Upper

168 100

99 48.5 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): 0

Ion 98.90 (98.60 to 99.60): 001

7.62

100000

80000

60000

40000

20000

0

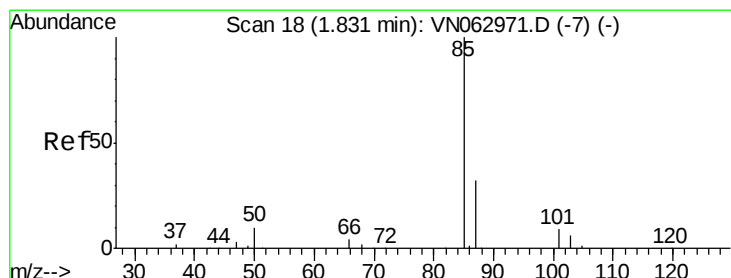
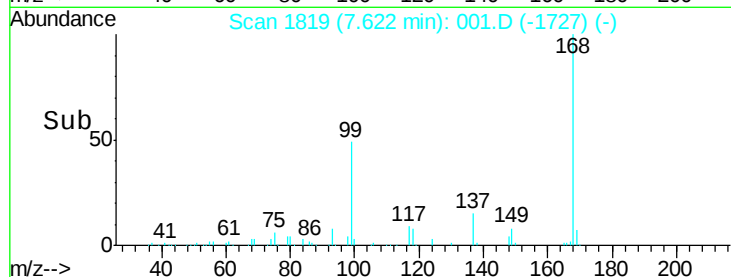
Time-->

7.50

7.60

7.70

7.80



#2

Dichlorodifluoromethane

Concen: 0.571 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: 001.D

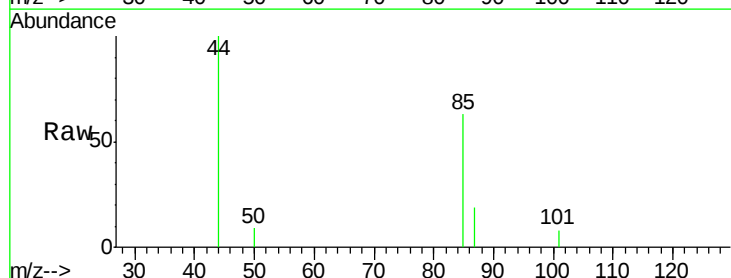
Acq: 17 Aug 2020 13:26

Tgt Ion: 85 Resp: 1769

Ion Ratio Lower Upper

85 100

87 30.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): 001

Ion 86.90 (86.60 to 87.60): 001

1.83

1500

1000

500

0

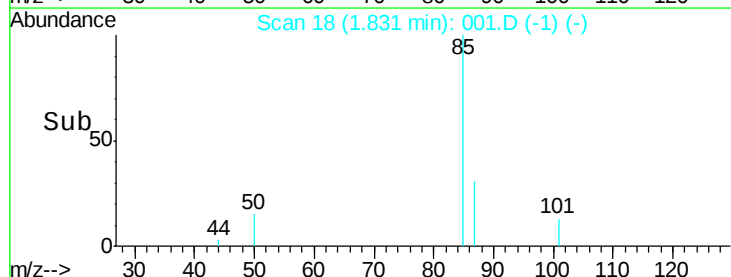
Time-->

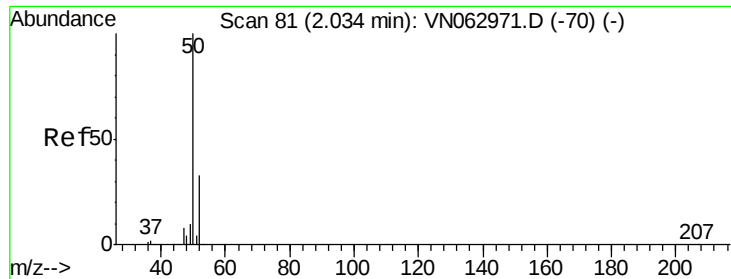
1.80

1.82

1.84

1.86





#3

Chloromethane

Concen: 0.880 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

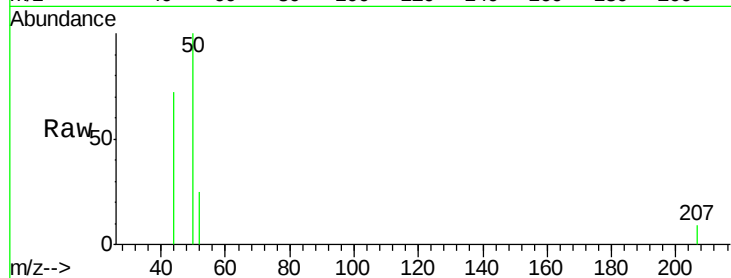
BFB

Tgt Ion: 50 Resp: 2594

Ion Ratio Lower Upper

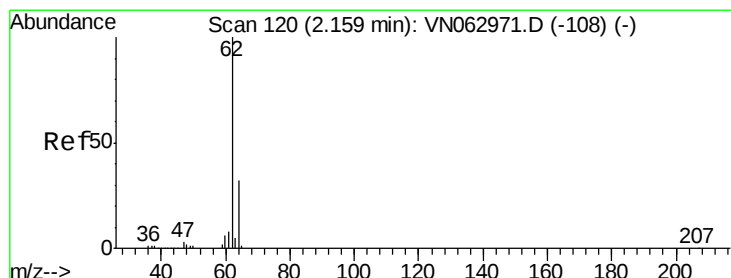
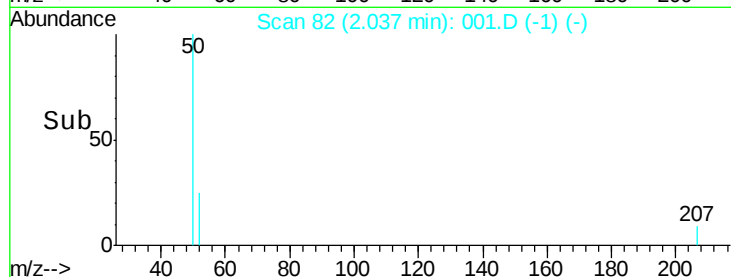
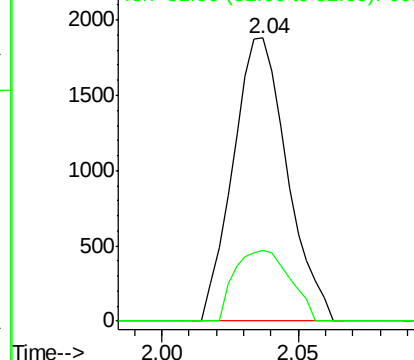
50 100

52 25.2 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): 001

Ion 51.90 (51.60 to 52.60): 001



#4

Vinyl Chloride

Concen: 1.209 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: 001.D

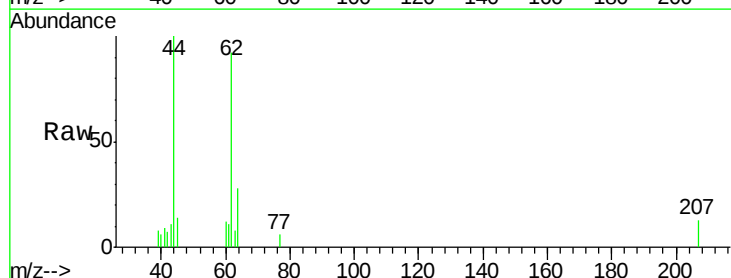
Acq: 17 Aug 2020 13:26

Tgt Ion: 62 Resp: 3524

Ion Ratio Lower Upper

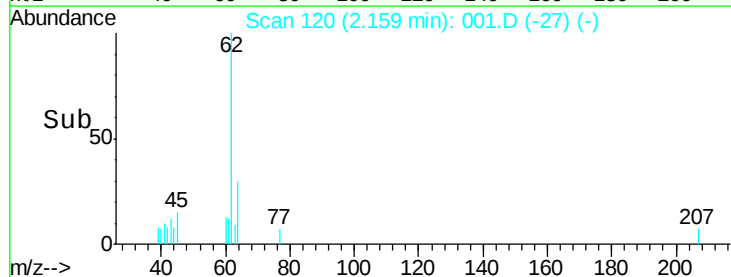
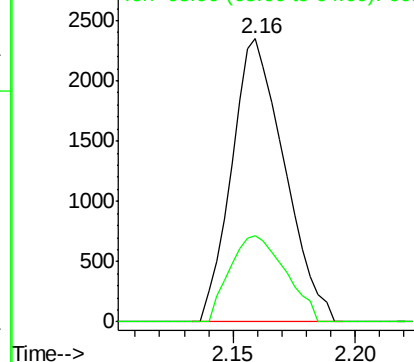
62 100

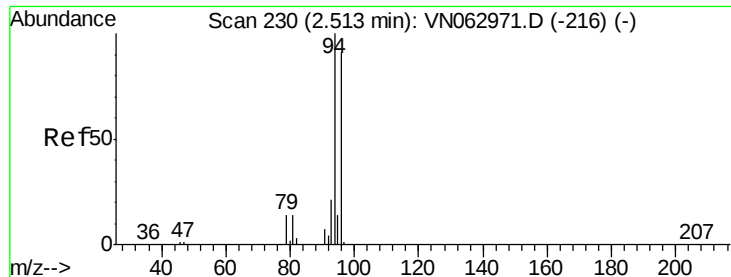
64 30.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): 001

Ion 63.90 (63.60 to 64.60): 001





#5

Bromomethane

Concen: 1.260 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

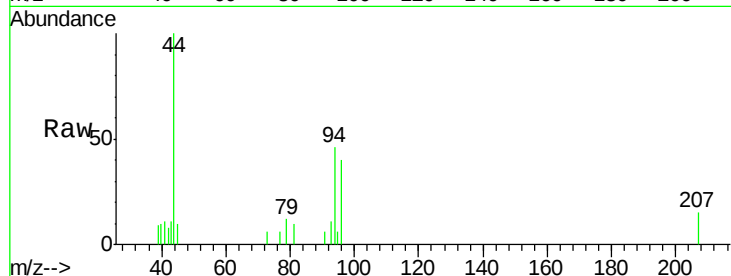
BFB

Tgt Ion: 94 Resp: 2437

Ion Ratio Lower Upper

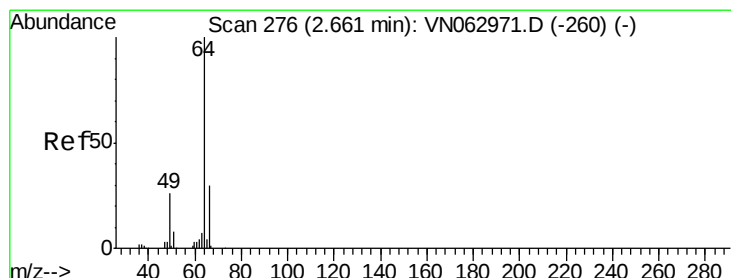
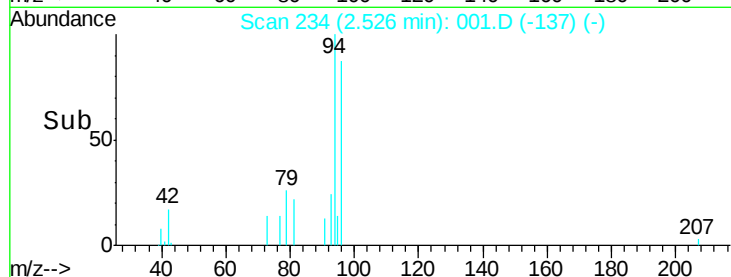
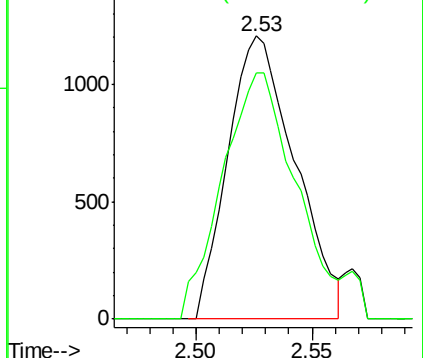
94 100

96 73.5 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): 001

Ion 95.90 (95.60 to 96.60): 001



#6

Chloroethane

Concen: 1.121 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.01 min

Lab File: 001.D

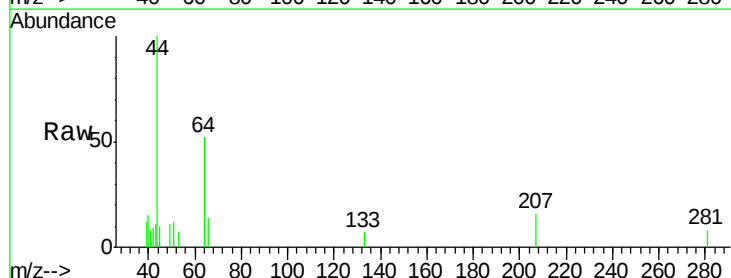
Acq: 17 Aug 2020 13:26

Tgt Ion: 64 Resp: 2143

Ion Ratio Lower Upper

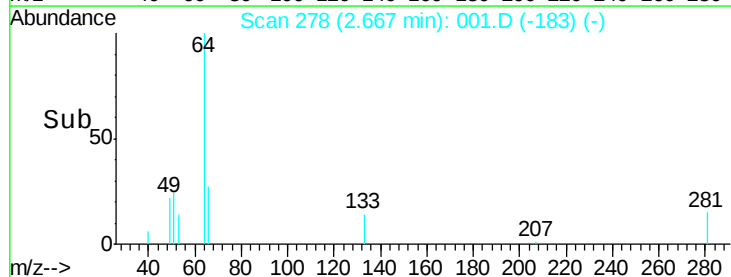
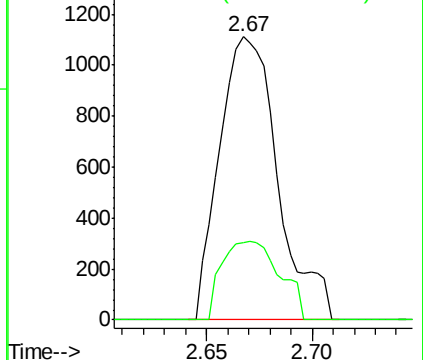
64 100

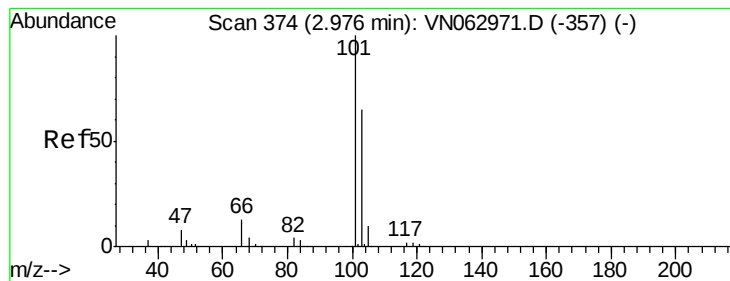
66 27.2 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): 001

Ion 65.90 (65.60 to 66.60): 001



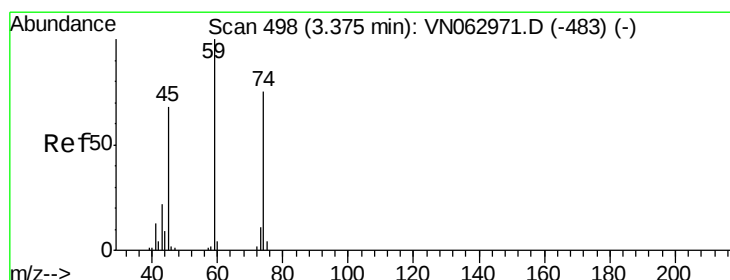
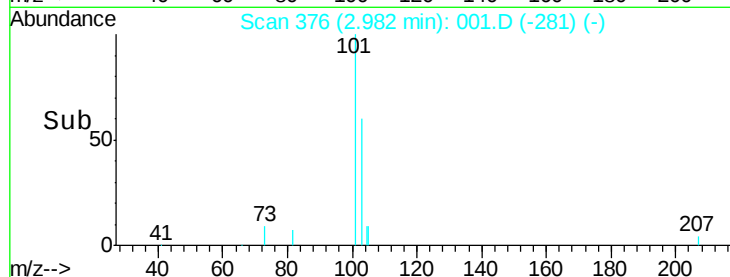
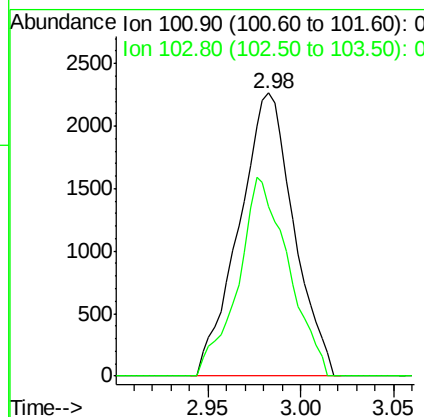
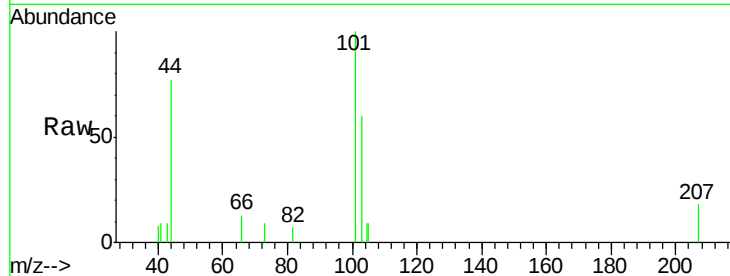


#7

Trichlorofluoromethane
 Concen: 0.935 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.01 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

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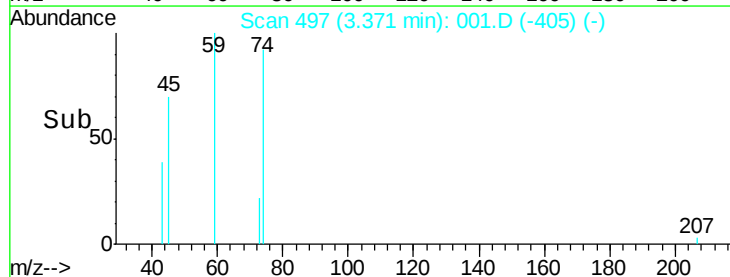
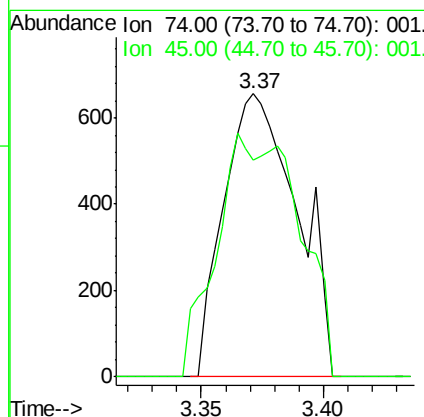
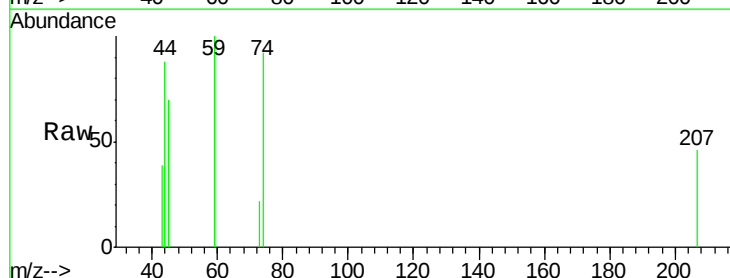
Tgt Ion: 101 Resp: 4642
 Ion Ratio Lower Upper
 101 100
 103 59.7 52.2 78.4

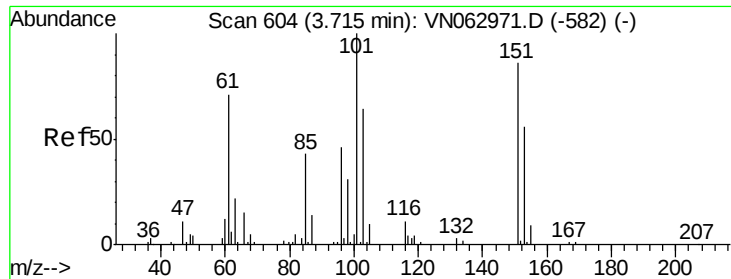


#8

Diethyl Ether
 Concen: 0.970 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 74 Resp: 1368
 Ion Ratio Lower Upper
 74 100
 45 45.5 45.7 137.1#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.001 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

BFB

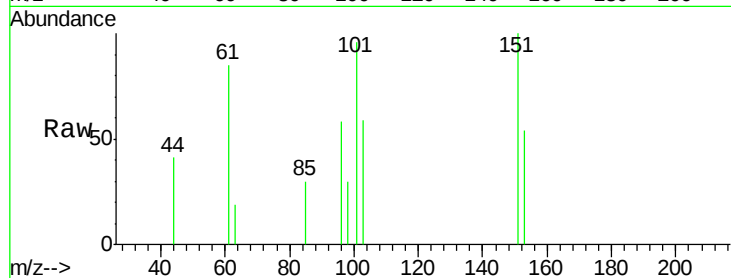
Tgt Ion:101 Resp: 2220

Ion Ratio Lower Upper

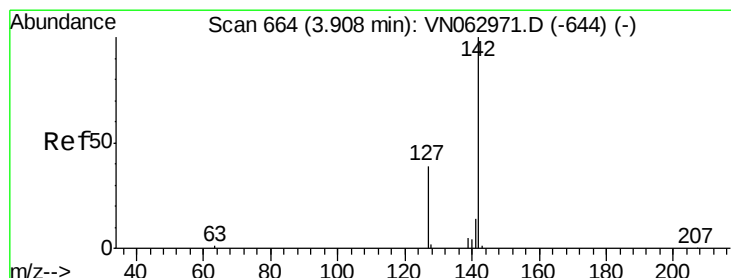
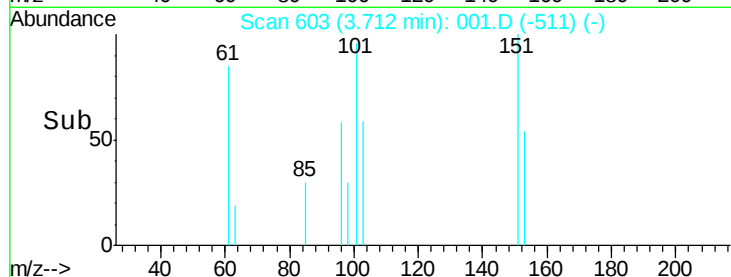
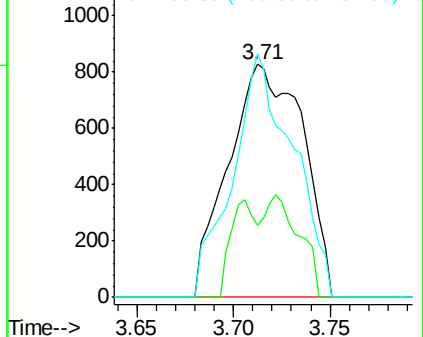
101 100

85 14.1 34.1 51.1#

151 84.7 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): 0
Ion 84.90 (84.60 to 85.60): 001
Ion 150.80 (150.50 to 151.50): 0



#10

Methyl Iodide

Concen: 0.954 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

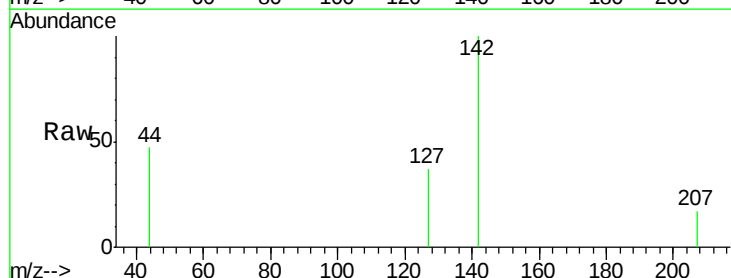
Tgt Ion:142 Resp: 2364

Ion Ratio Lower Upper

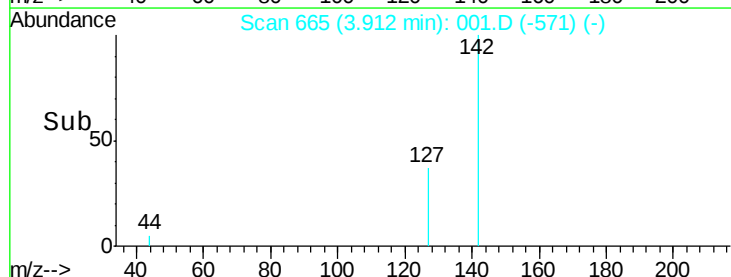
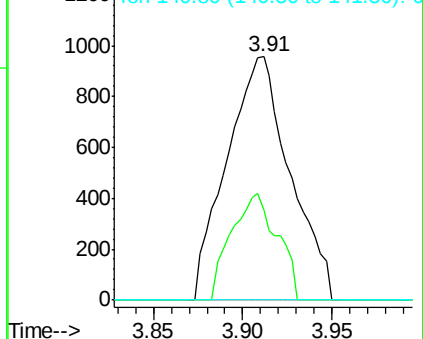
142 100

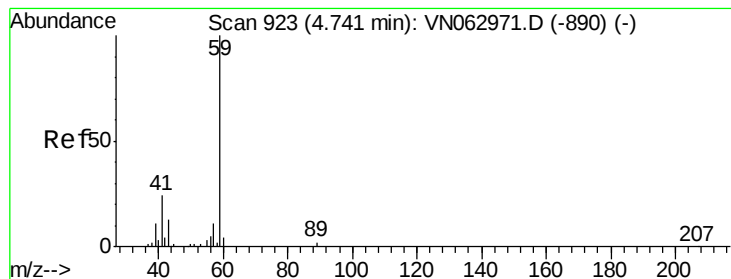
127 31.9 31.9 47.9#

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): 0
Ion 126.80 (126.50 to 127.50): 0
Ion 140.80 (140.50 to 141.50): 0



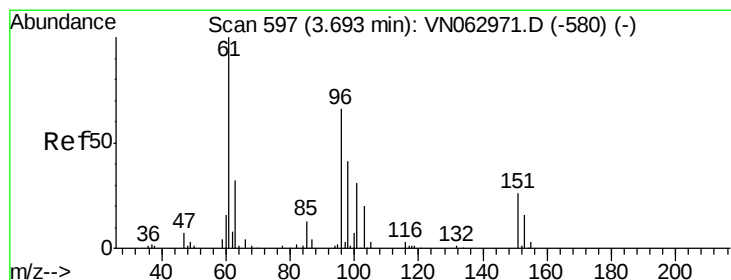
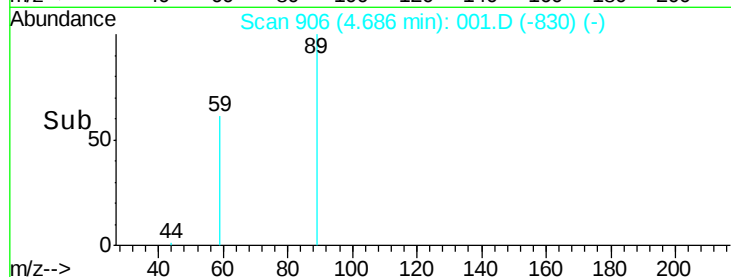
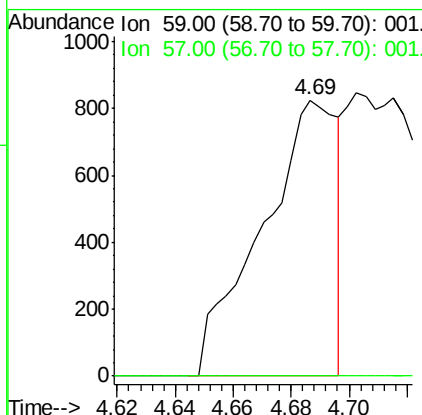
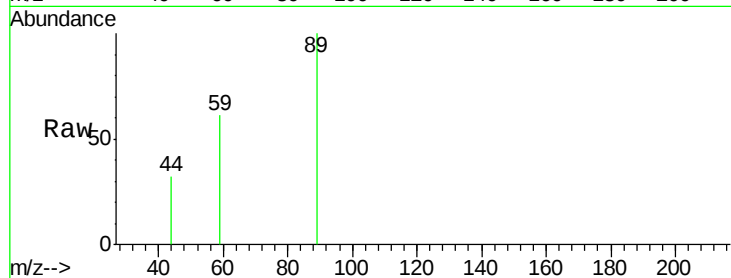


#11

Tert butyl alcohol
 Concen: 2.669 ug/l
 RT: 4.69 min Scan# 906
 Delta R.T. -0.05 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

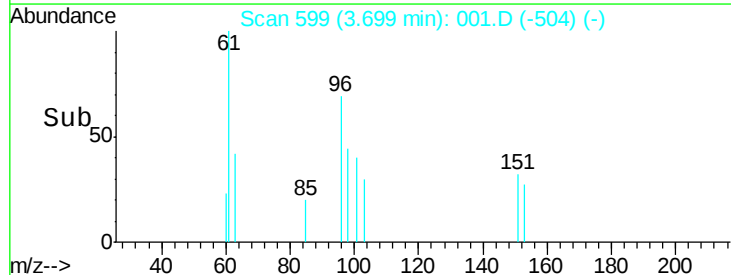
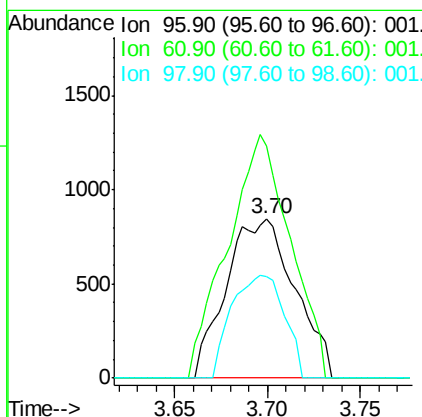
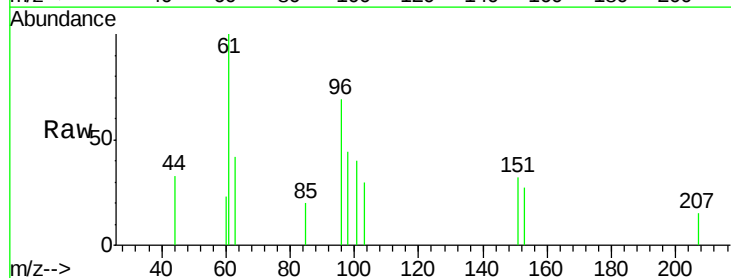
Tgt Ion: 59 Resp: 1489
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

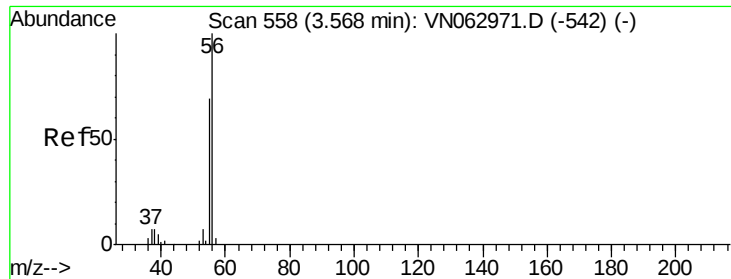


#12

1,1-Dichloroethene
 Concen: 1.036 ug/l
 RT: 3.70 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 96 Resp: 2178
 Ion Ratio Lower Upper
 96 100
 61 145.3 120.4 180.6
 98 64.0 49.8 74.6





#13

Acrolein

Concen: 2.299 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.01 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

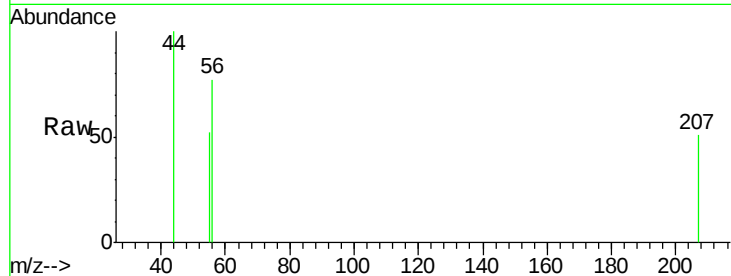
BFB

Tgt Ion: 56 Resp: 796

Ion Ratio Lower Upper

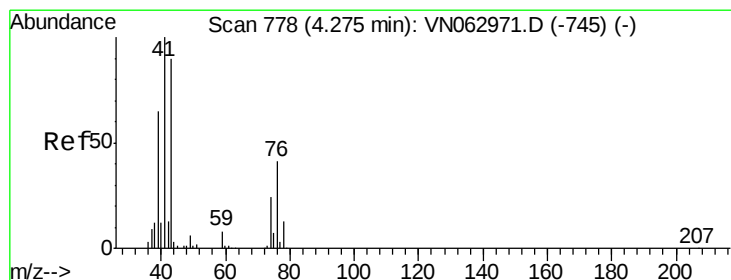
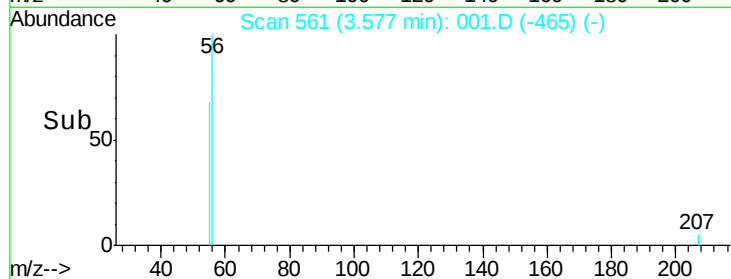
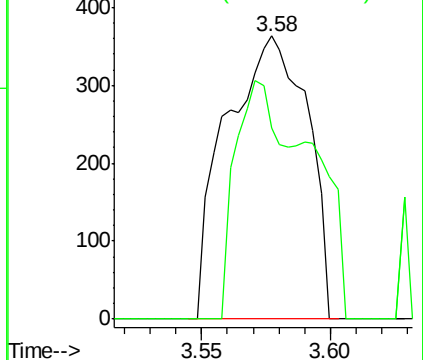
56 100

55 48.4 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): 001

Ion 55.00 (54.70 to 55.70): 001



#14

Allyl chloride

Concen: 0.807 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

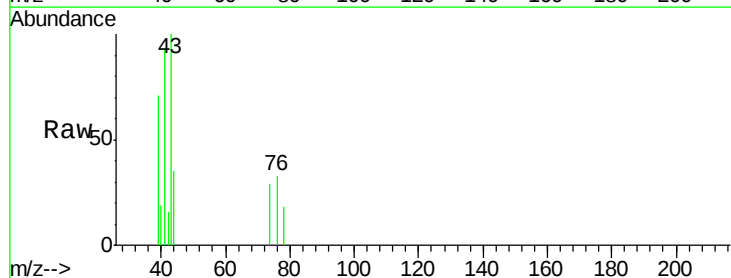
Tgt Ion: 41 Resp: 3057

Ion Ratio Lower Upper

41 100

39 69.1 46.7 70.1

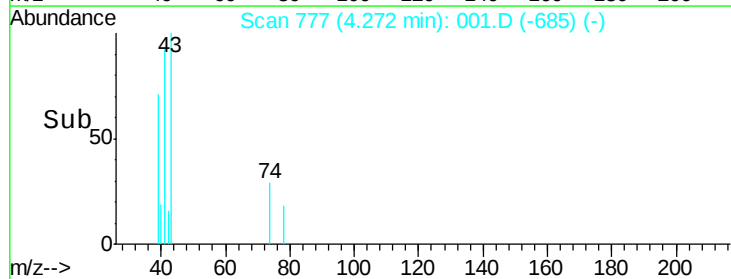
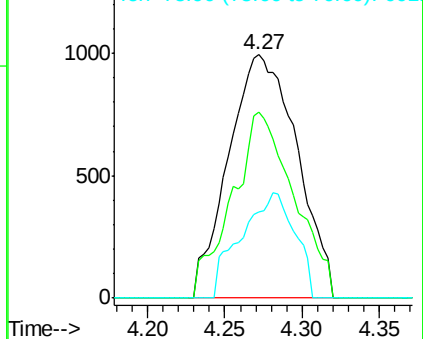
76 34.2 30.2 45.4

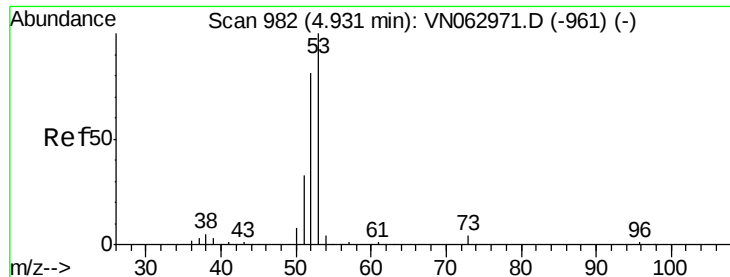


Abundance Ion 41.00 (40.70 to 41.70): 001

Ion 39.00 (38.70 to 39.70): 001

Ion 75.90 (75.60 to 76.60): 001





#15

Acrylonitrile

Concen: 1.241 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

BFB

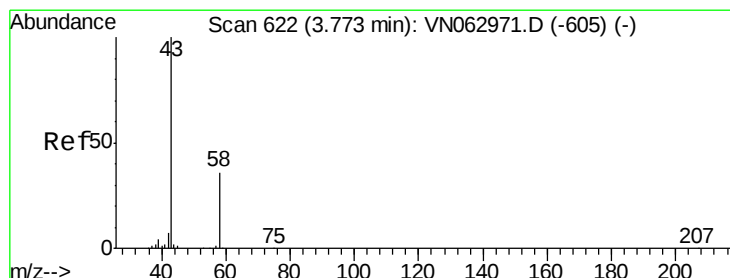
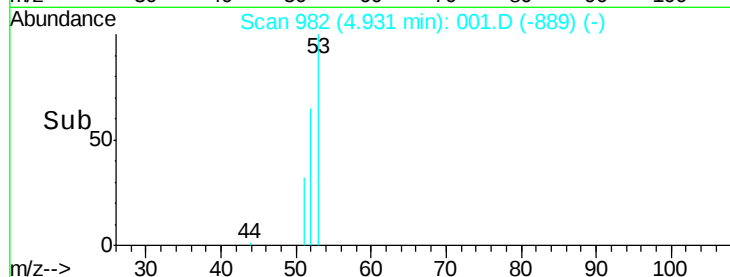
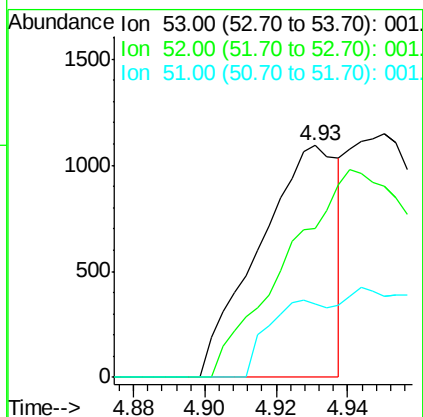
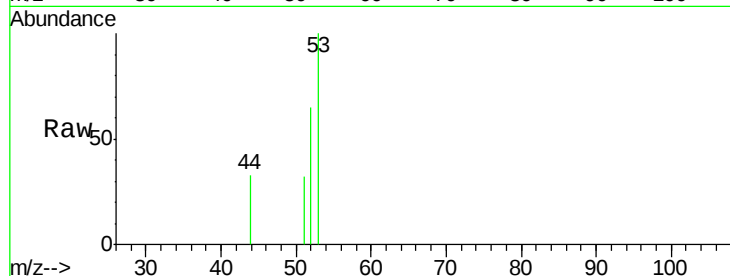
Tgt Ion: 53 Resp: 1680

Ion Ratio Lower Upper

53 100

52 0.0 65.0 97.6#

51 24.5 27.4 41.2#



#16

Acetone

Concen: 3.340 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: 001.D

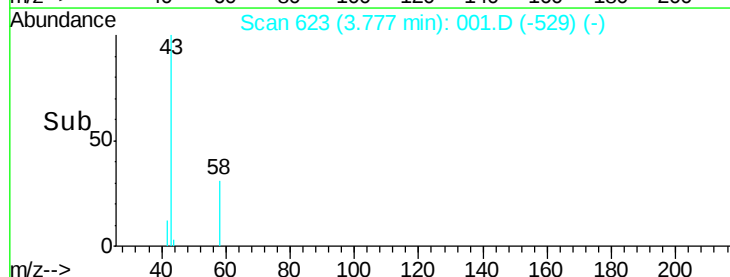
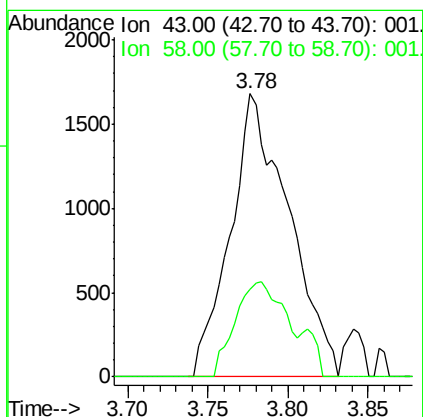
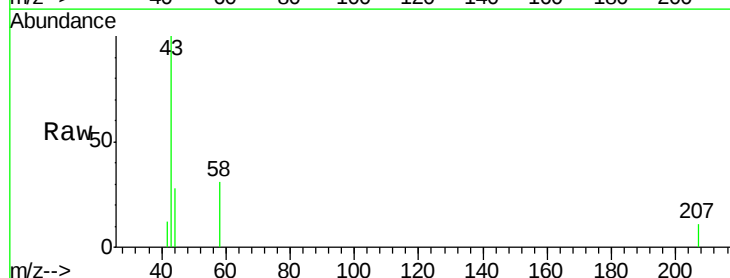
Acq: 17 Aug 2020 13:26

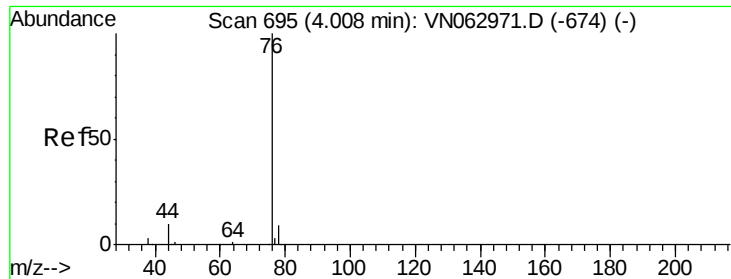
Tgt Ion: 43 Resp: 4210

Ion Ratio Lower Upper

43 100

58 31.1 28.7 43.1





#17

Carbon Disulfide

Concen: 1.066 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.01 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

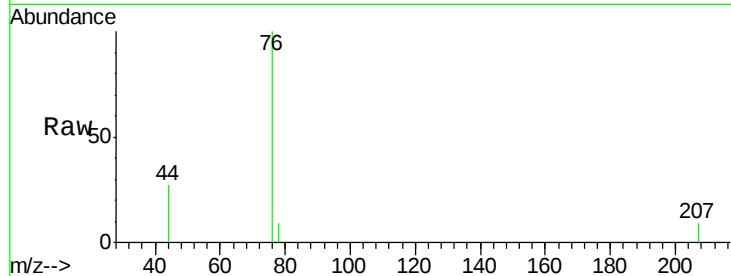
BFB

Tgt Ion: 76 Resp: 6601

Ion Ratio Lower Upper

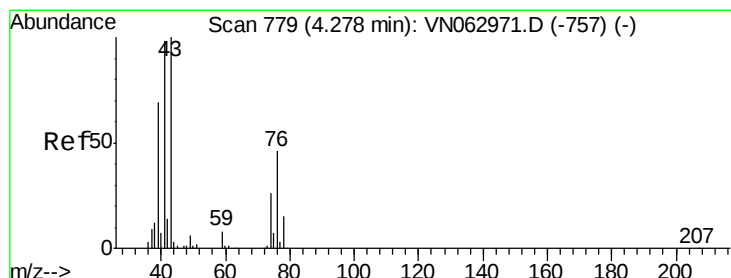
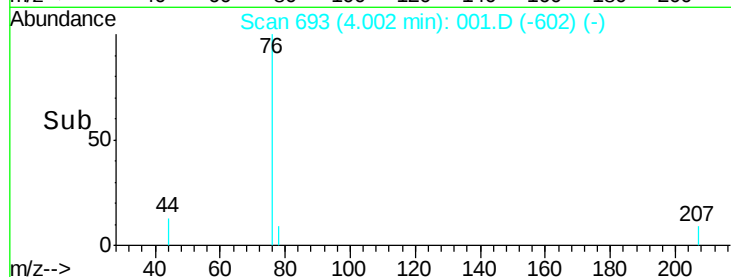
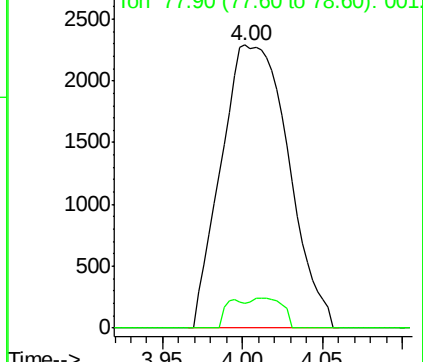
76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): 001

Ion 77.90 (77.60 to 78.60): 001



#18

Methyl Acetate

Concen: 0.501 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: 001.D

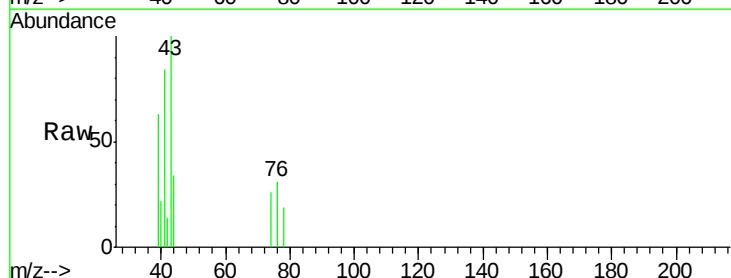
Acq: 17 Aug 2020 13:26

Tgt Ion: 43 Resp: 1700

Ion Ratio Lower Upper

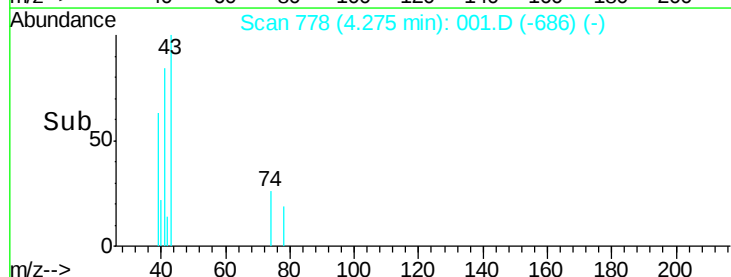
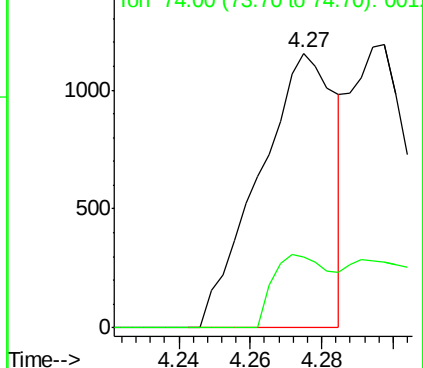
43 100

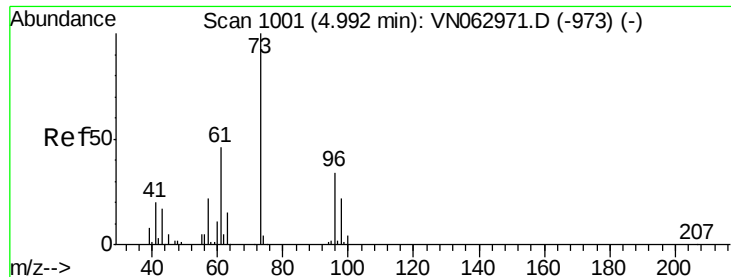
74 20.5 21.6 32.4#



Abundance Ion 43.00 (42.70 to 43.70): 001

Ion 74.00 (73.70 to 74.70): 001

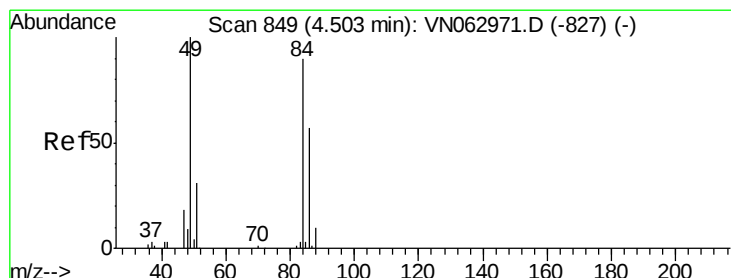
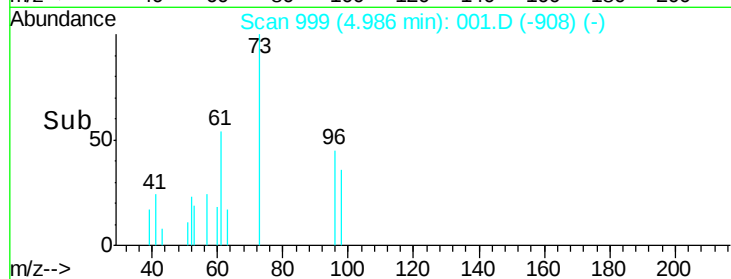
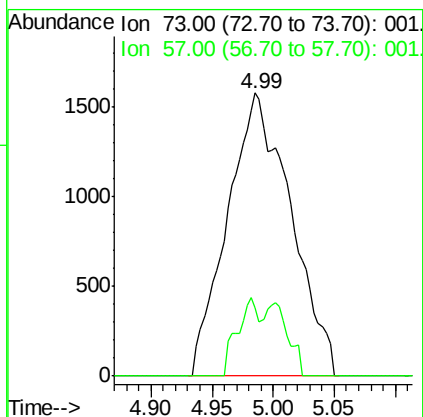
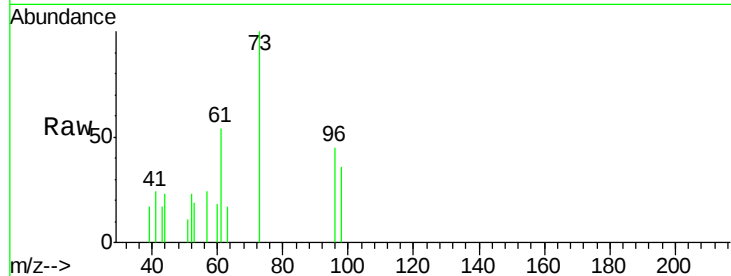




#19
Methyl tert-butyl Ether
Concen: 0.687 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

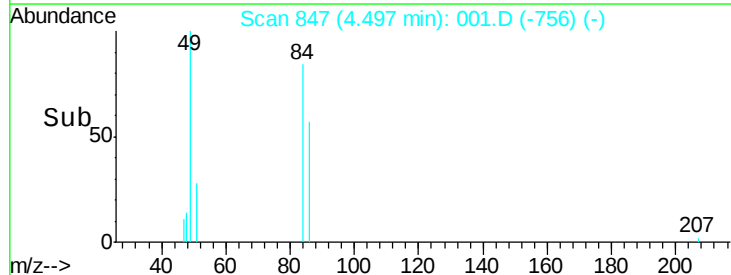
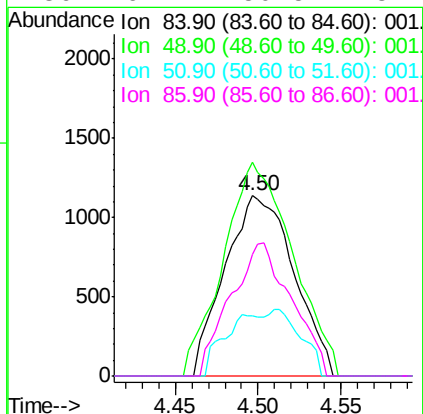
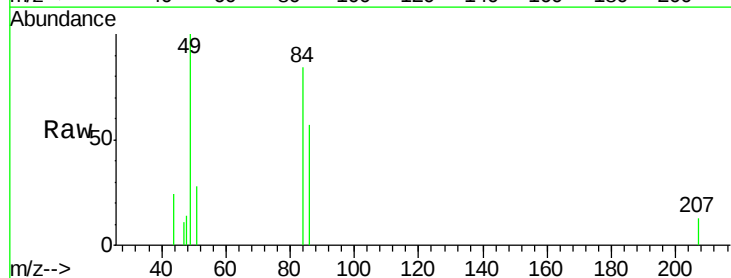
Instrument :
MSVOA_N
ClientSampled :
BFB

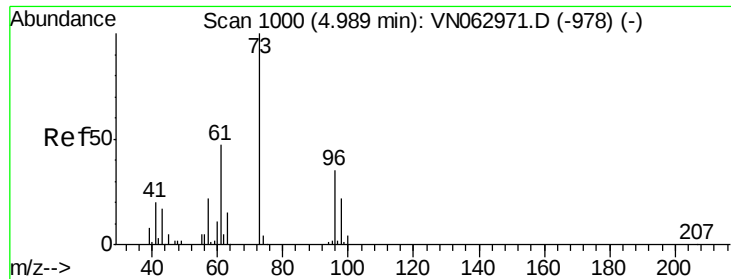
Tgt Ion: 73 Resp: 5690
Ion Ratio Lower Upper
73 100
57 24.3 17.6 26.4



#20
Methylene Chloride
Concen: 1.228 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 84 Resp: 3298
Ion Ratio Lower Upper
84 100
49 118.3 88.8 133.2
51 33.1 27.1 40.7
86 67.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 0.973 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

BFB

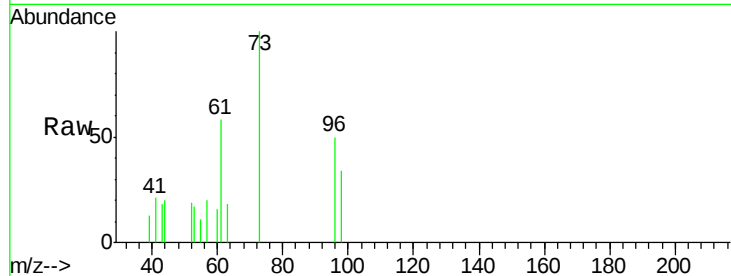
Tgt Ion: 96 Resp: 2151

Ion Ratio Lower Upper

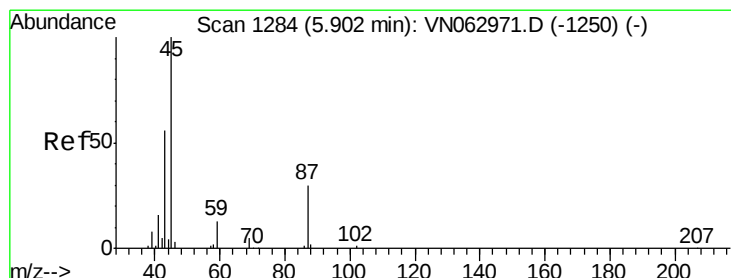
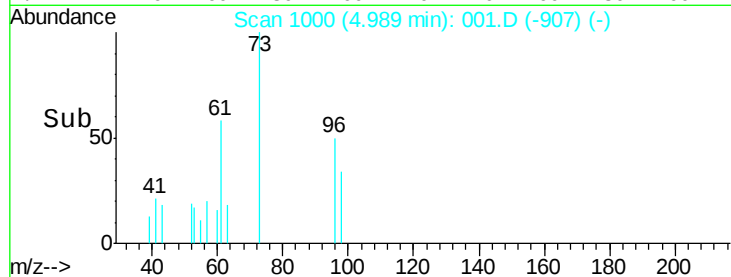
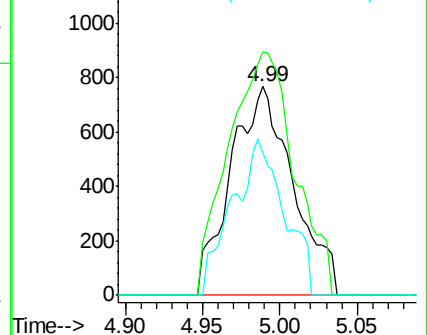
96 100

61 116.6 107.7 161.5

98 67.9 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): 001
Ion 60.90 (60.60 to 61.60): 001
Ion 97.90 (97.60 to 98.60): 001



#22

Diisopropyl ether

Concen: 0.691 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Tgt Ion: 45 Resp: 5544

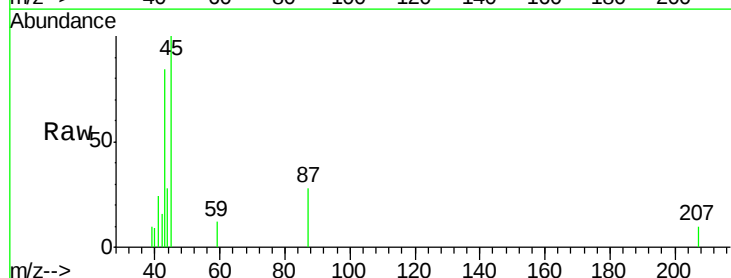
Ion Ratio Lower Upper

45 100

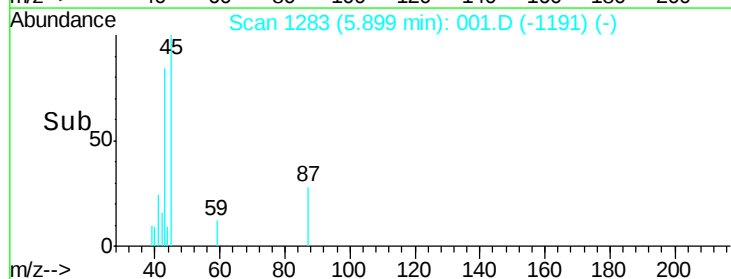
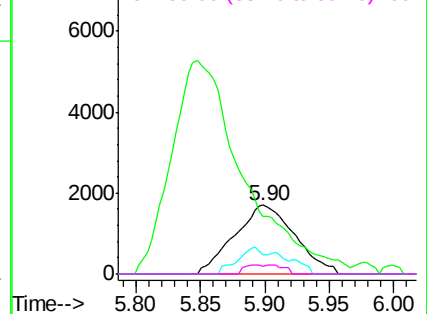
43 66.7 47.1 70.7

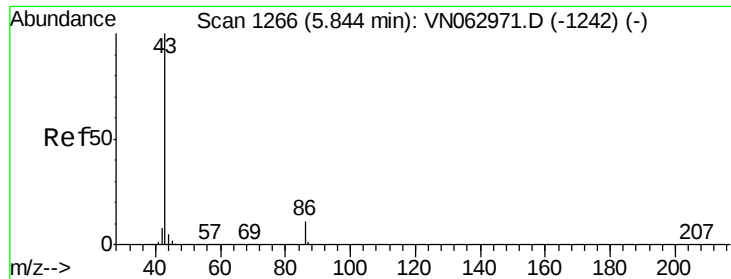
87 28.2 24.3 36.5

59 11.7 10.4 15.6



Abundance Ion 45.00 (44.70 to 45.70): 001
Ion 43.00 (42.70 to 43.70): 001
Ion 87.00 (86.70 to 87.70): 001
Ion 59.00 (58.70 to 59.70): 001





#23

Vinyl Acetate

Concen: 3.395 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

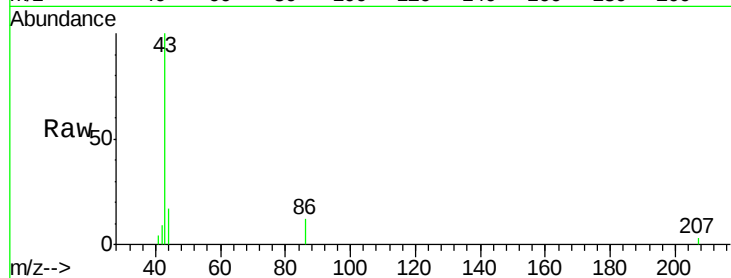
BFB

Tgt Ion: 43 Resp: 20603

Ion Ratio Lower Upper

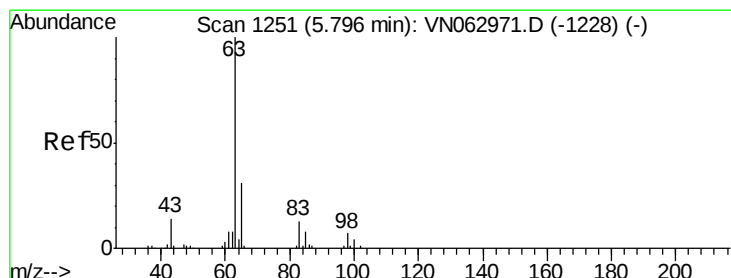
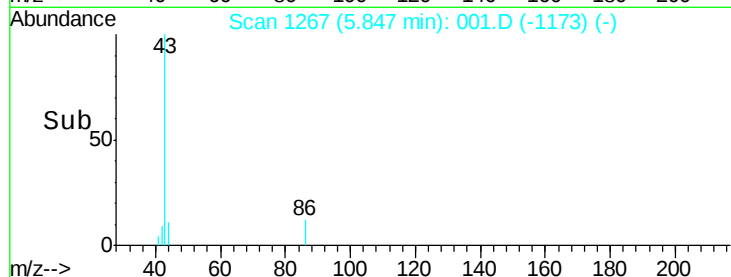
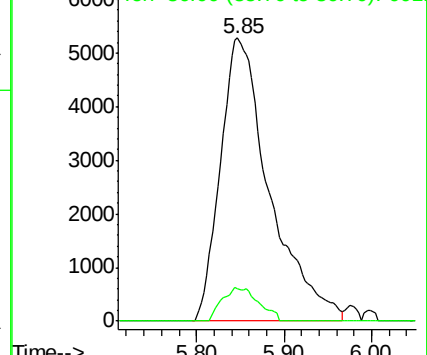
43 100

86 11.6 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): 001

Ion 86.00 (85.70 to 86.70): 001



#24

1,1-Dichloroethane

Concen: 0.771 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

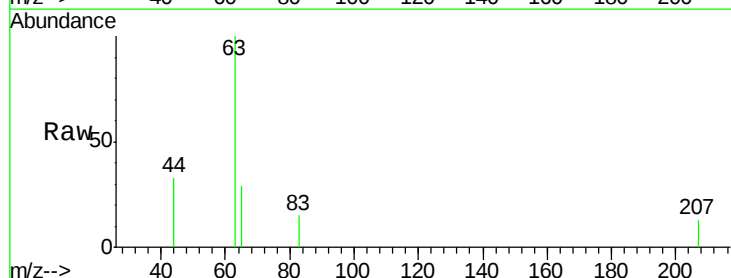
Tgt Ion: 63 Resp: 3648

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

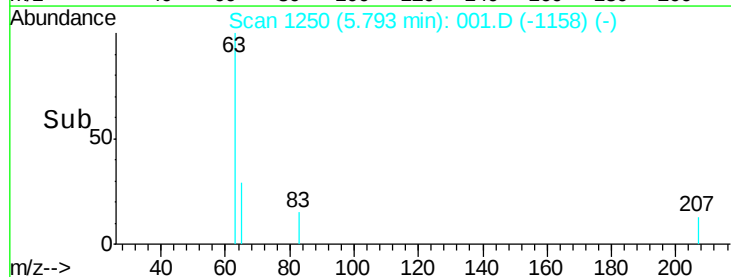
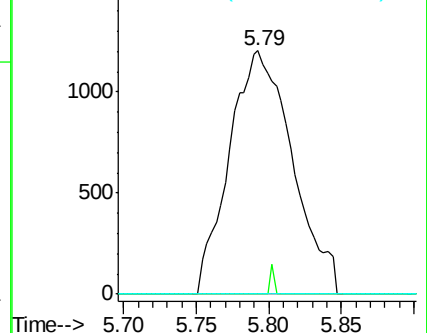
100 0.0 2.0 6.0#

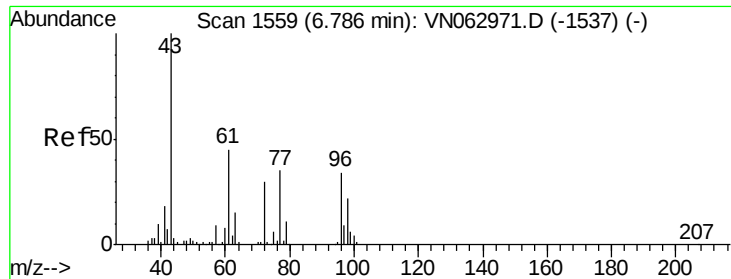


Abundance Ion 62.90 (62.60 to 63.60): 001

Ion 97.90 (97.60 to 98.60): 001

Ion 99.90 (99.60 to 100.60): 001

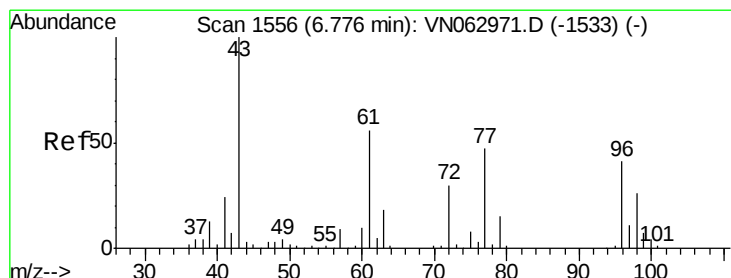
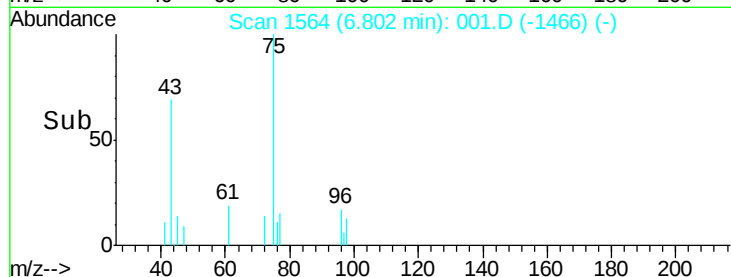
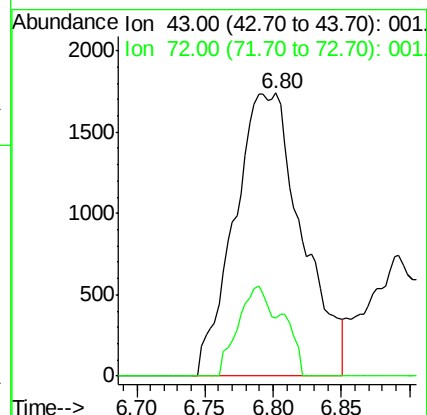
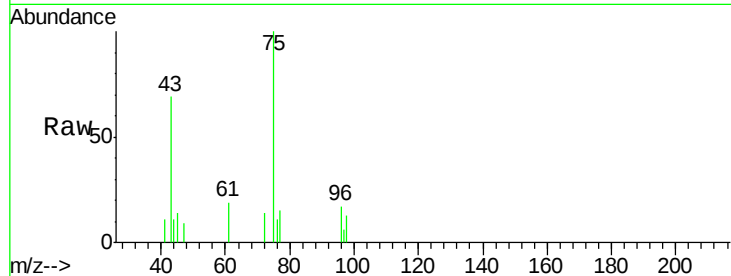




#25
2-Butanone
Concen: 3.356 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.02 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

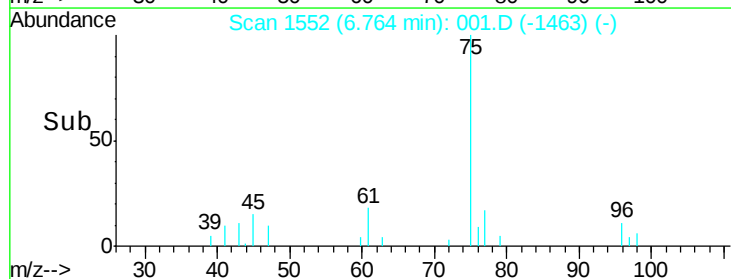
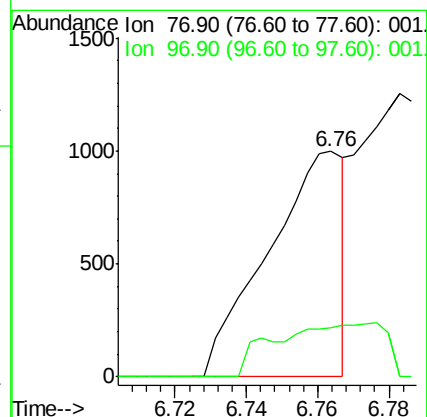
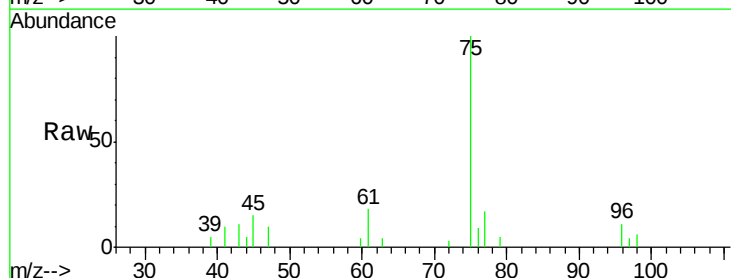
Instrument :
MSVOA_N
ClientSampled :
BFB

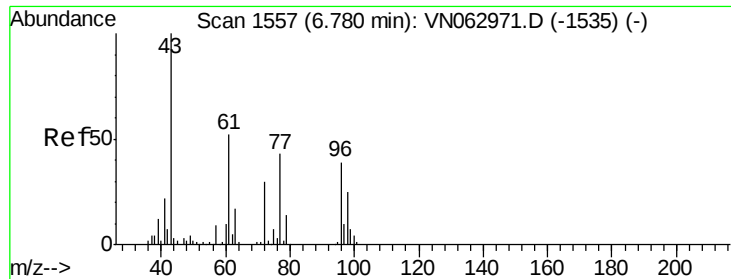
Tgt Ion: 43 Resp: 5960
Ion Ratio Lower Upper
43 100
72 20.4 23.9 35.9#



#26
2,2-Dichloropropane
Concen: 0.345 ug/l
RT: 6.76 min Scan# 1552
Delta R.T. -0.01 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 77 Resp: 1469
Ion Ratio Lower Upper
77 100
97 25.7 12.0 36.1

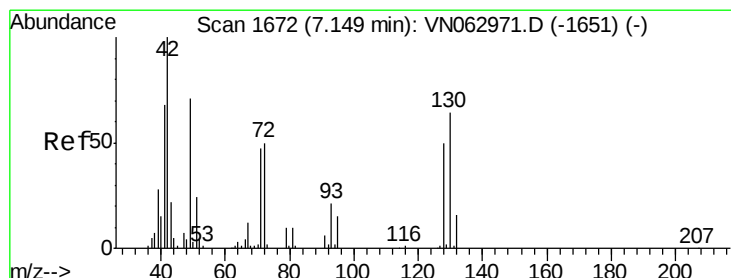
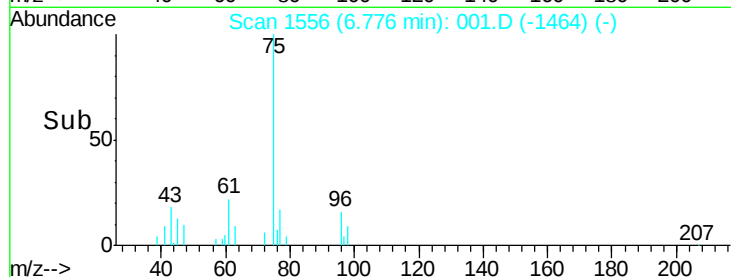
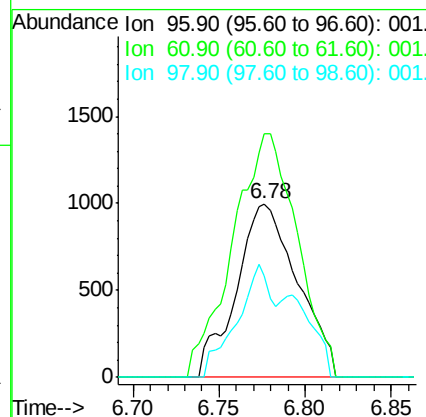
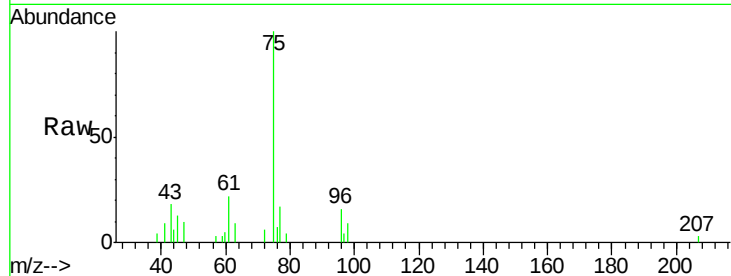




#27
 cis-1,2-Dichloroethene
 Concen: 0.937 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

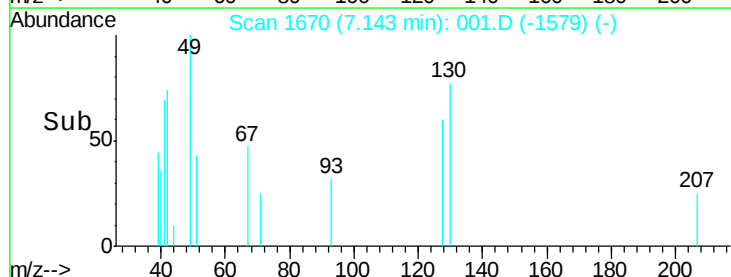
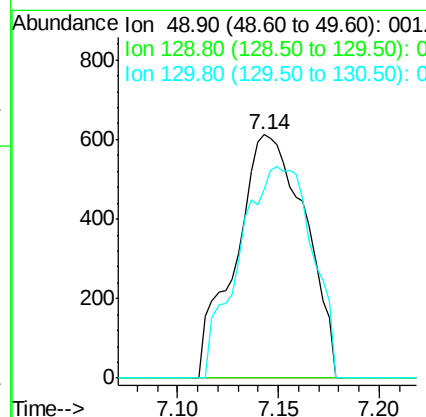
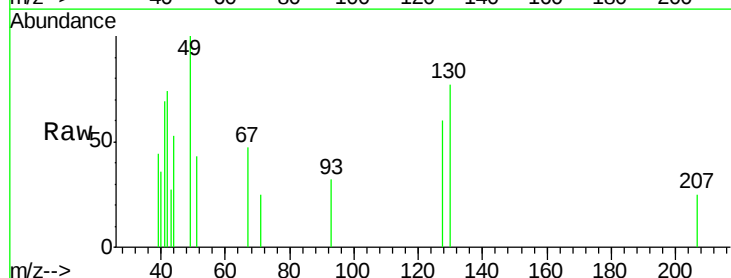
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

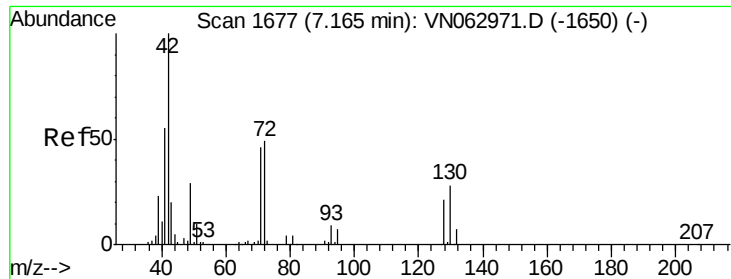
Tgt Ion: 96 Resp: 2473
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 270.4
 98 37.3 0.0 128.2



#28
 Bromochloromethane
 Concen: 0.641 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 49 Resp: 1467
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 90.9 73.5 110.3

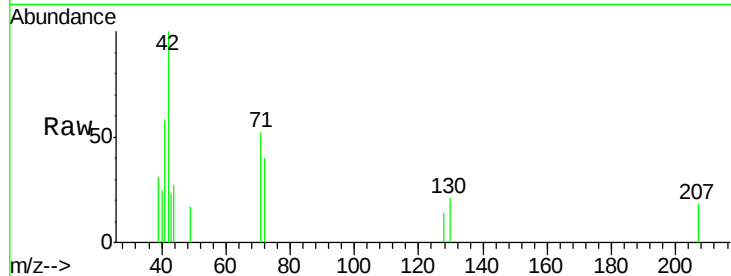




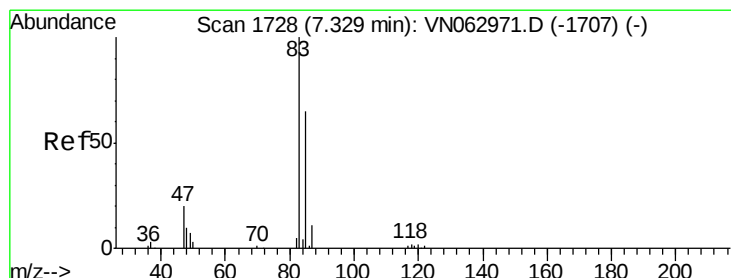
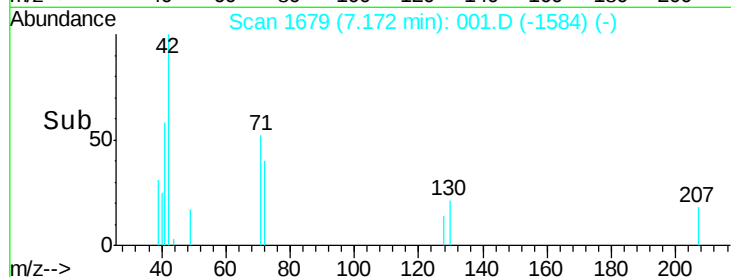
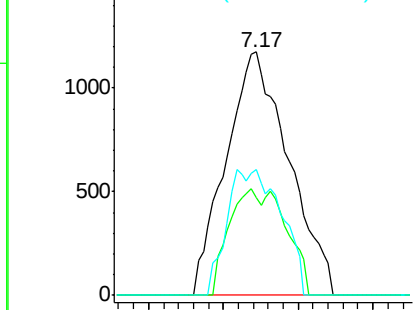
#29
Tetrahydrofuran
Concen: 2.959 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.01 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampled :
BFB

Tgt Ion: 42 Resp: 3422
Ion Ratio Lower Upper
42 100
72 22.3 39.4 59.2#
71 17.8 37.2 55.8#

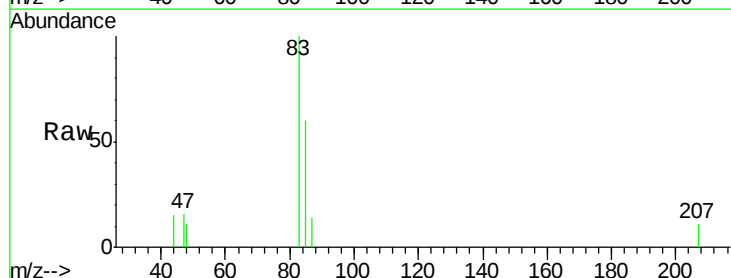


Abundance Ion 42.00 (41.70 to 42.70): 001
Ion 72.00 (71.70 to 72.70): 001
Ion 71.00 (70.70 to 71.70): 001

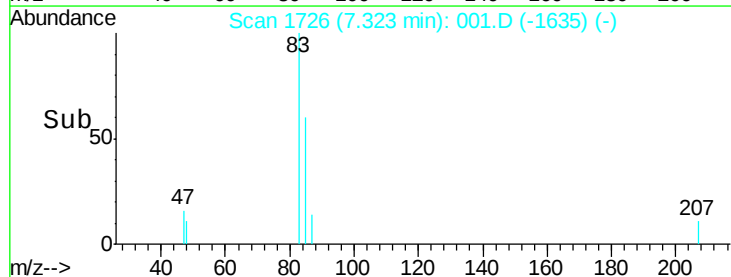
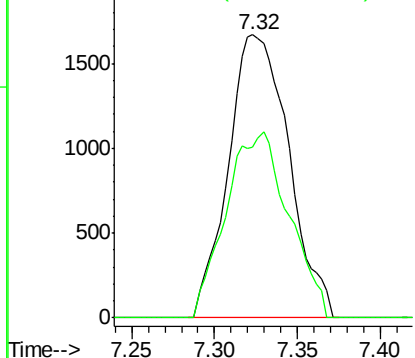


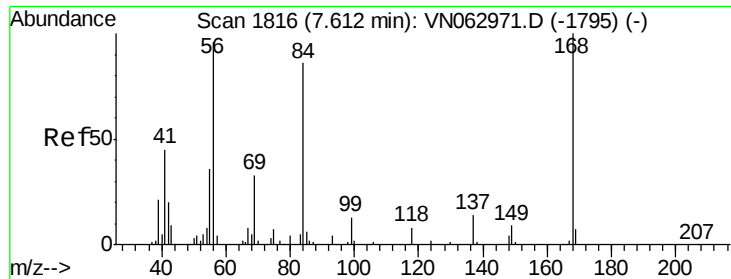
#30
Chloroform
Concen: 0.851 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 83 Resp: 4242
Ion Ratio Lower Upper
83 100
85 60.2 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): 001
Ion 84.90 (84.60 to 85.60): 001

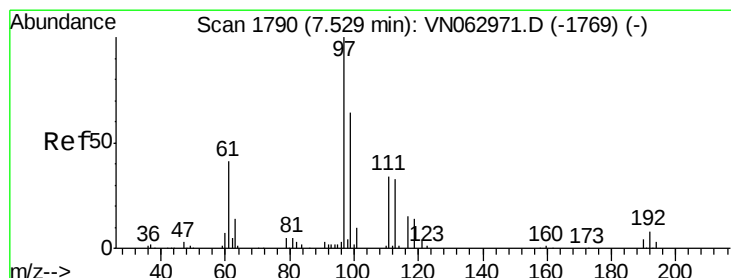
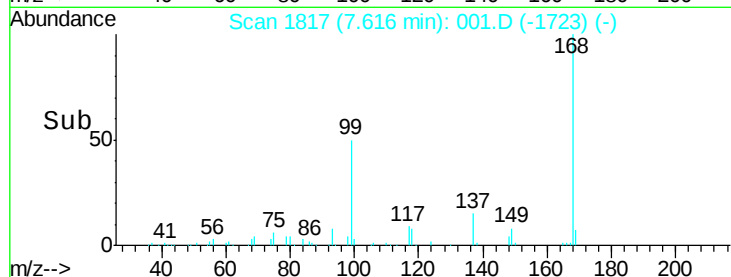
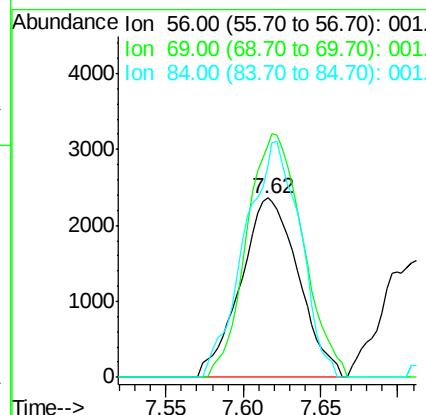
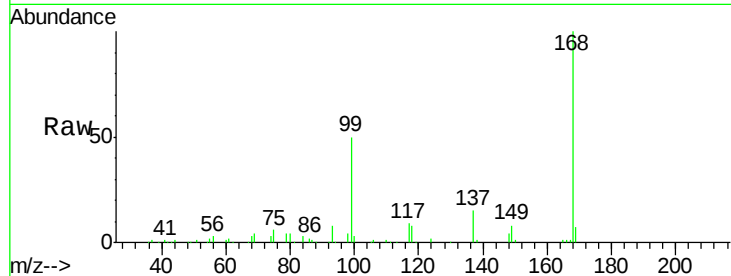




#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

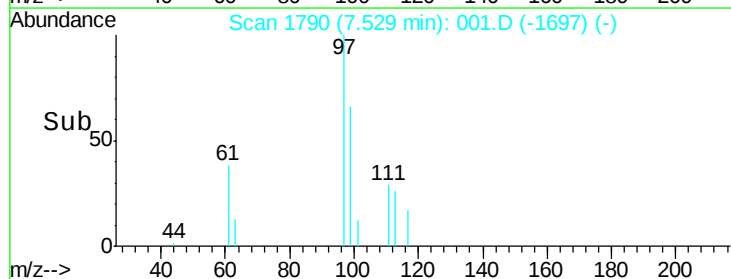
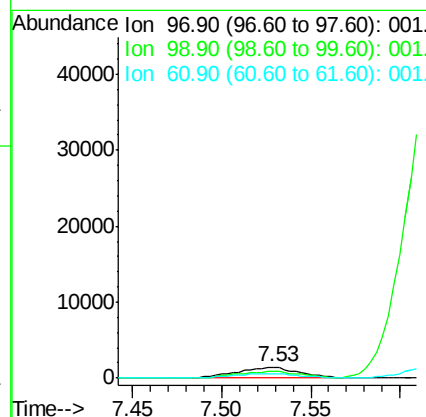
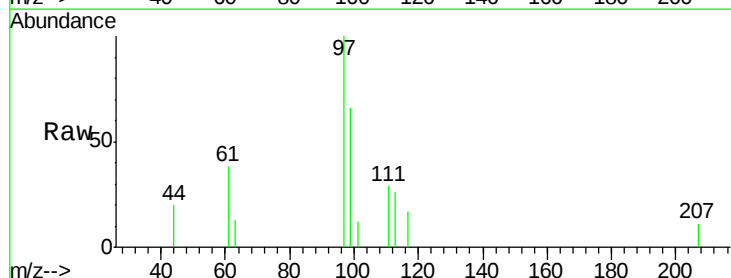
Instrument :
MSVOA_N
ClientSampled :
BFB

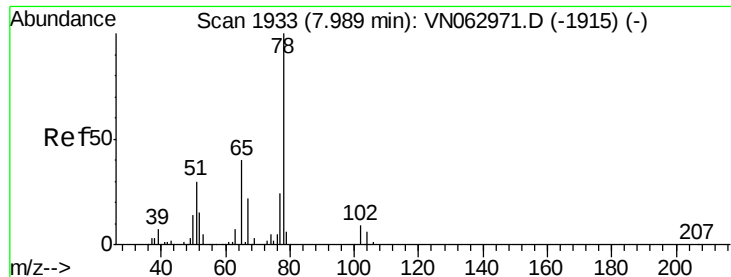
Tgt Ion: 56 Resp: 6154
Ion Ratio Lower Upper
56 100
69 129.4 27.4 41.2#
84 118.4 71.3 106.9#



#32
1,1,1-Trichloroethane
Concen: 0.777 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 97 Resp: 3418
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.4#
61 40.2 33.5 50.3

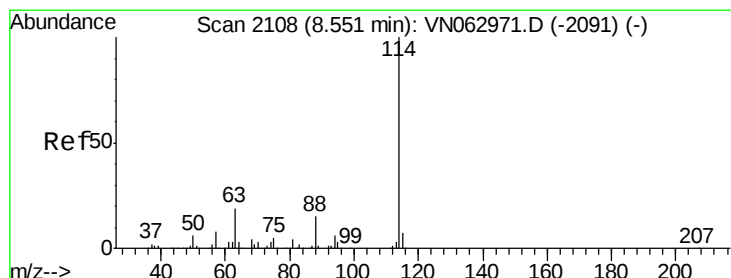
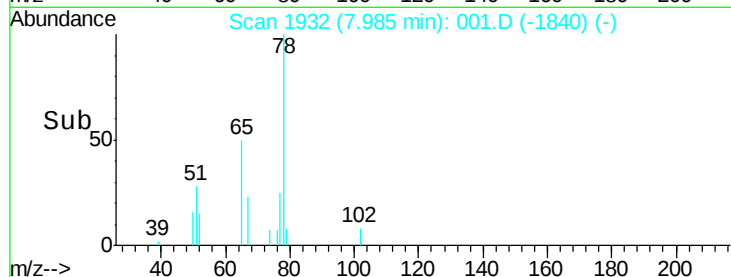
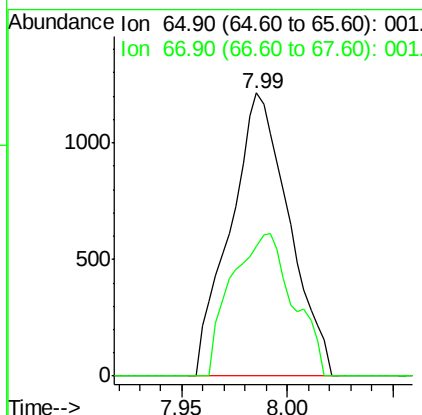
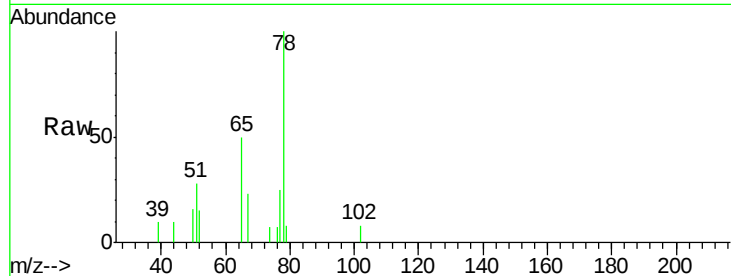




#33
 1,2-Dichloroethane-d4
 Concen: 0.682 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

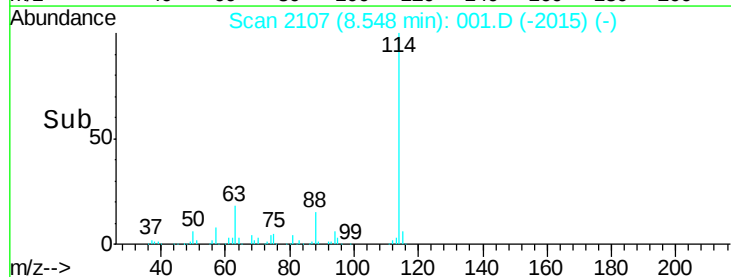
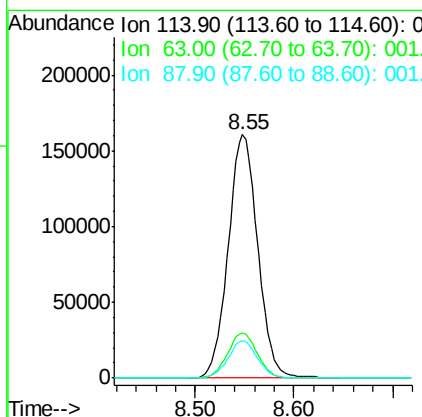
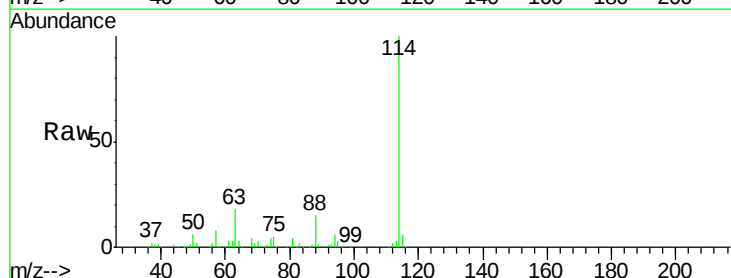
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

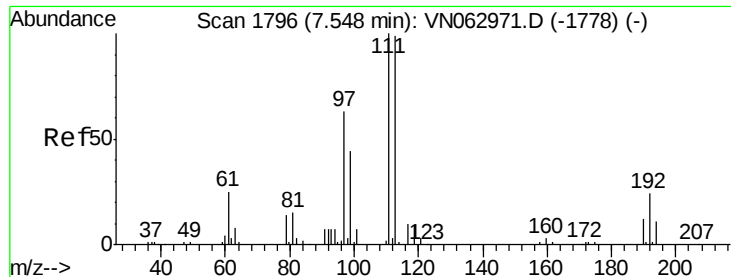
Tgt Ion: 65 Resp: 2346
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 114 Resp: 336547
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.6
 88 15.4 0.0 31.0

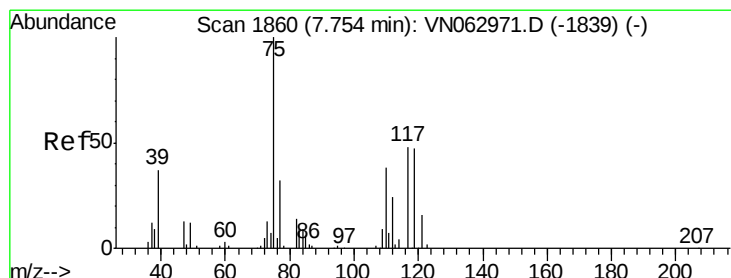
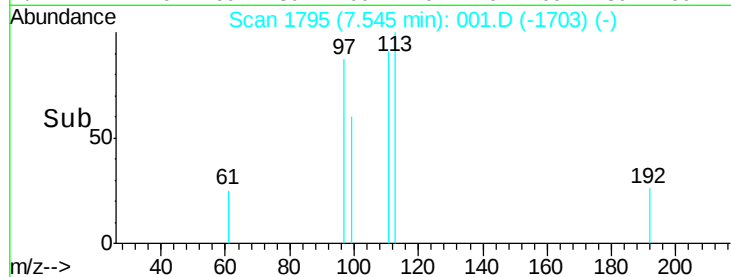
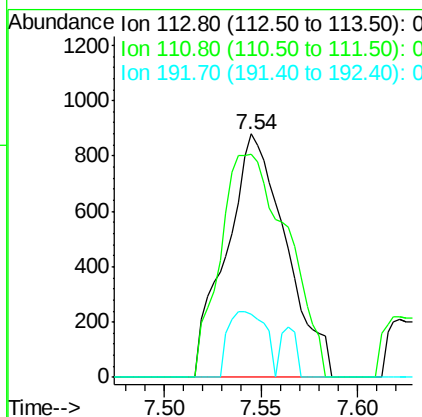
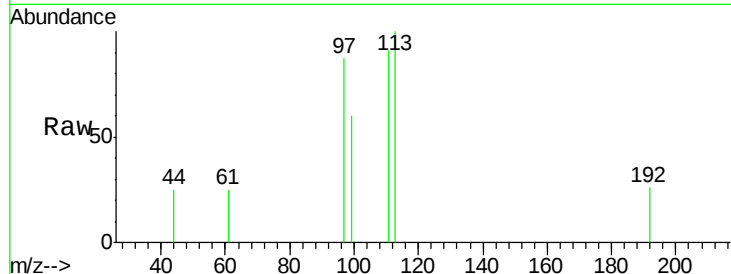




#35
 Dibromofluoromethane
 Concen: 0.825 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

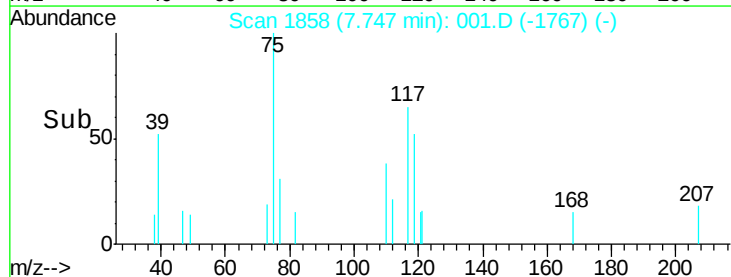
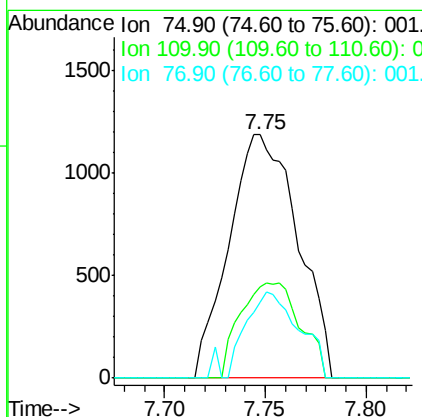
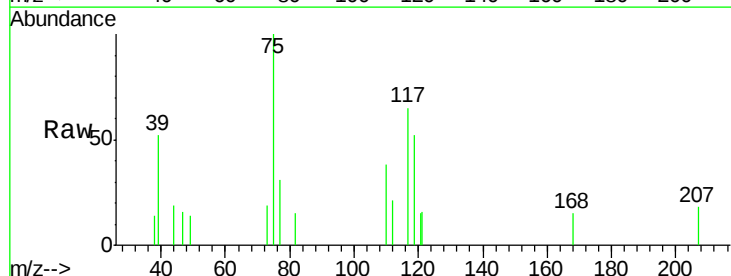
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

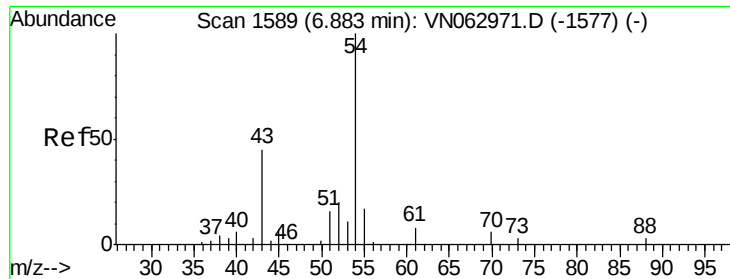
Tgt Ion: 113 Resp: 1880
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.4 122.0
 192 17.0 19.2 28.8#



#36
 1,1-Dichloropropene
 Concen: 0.882 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 75 Resp: 2814
 Ion Ratio Lower Upper
 75 100
 110 34.3 18.7 56.1
 77 27.4 25.6 38.4

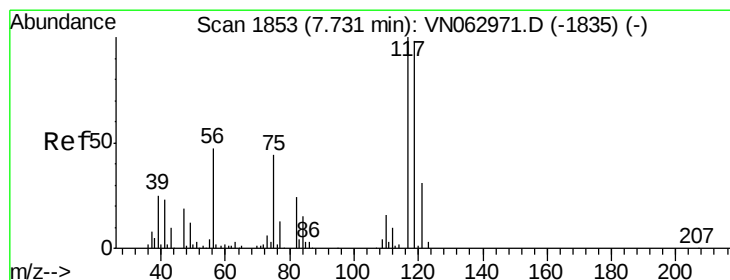
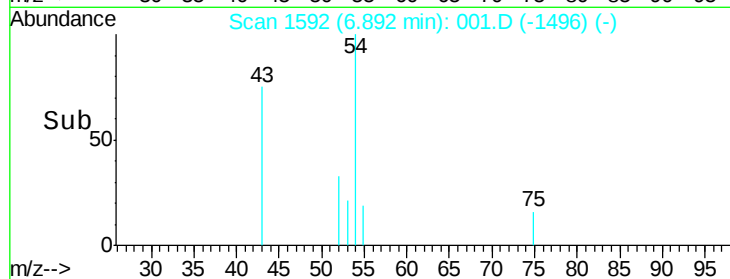
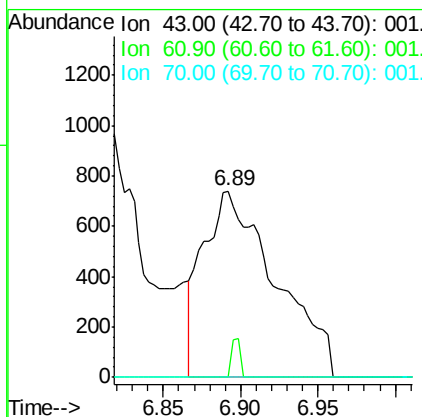
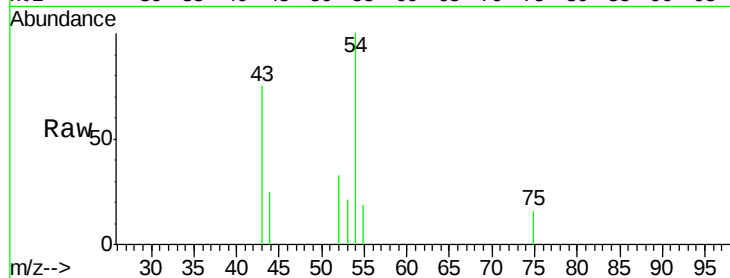




#37
Ethyl Acetate
 Concen: 0.739 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

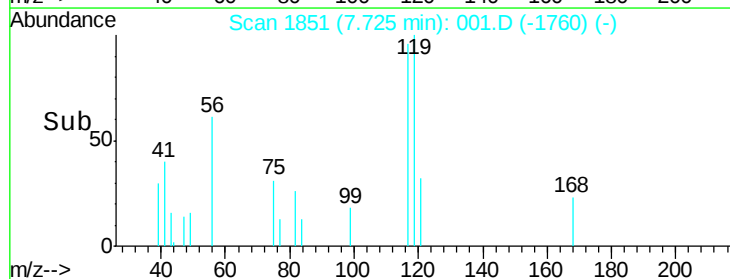
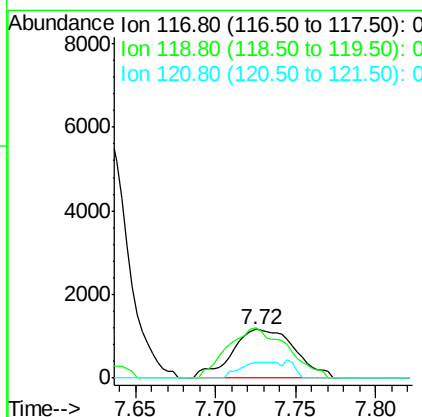
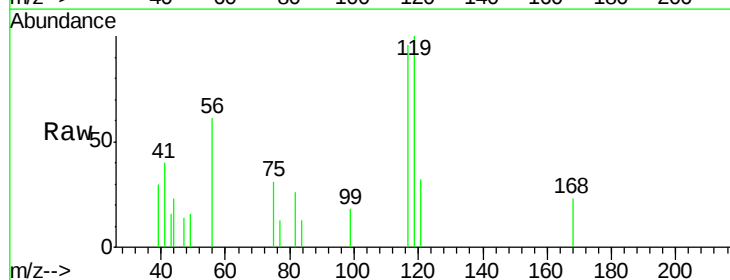
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

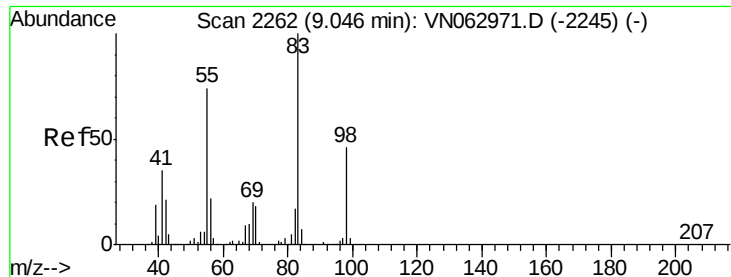
Tgt Ion: 43 Resp: 2418
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.4 18.6#
 70 0.0 9.9 14.9#



#38
Carbon Tetrachloride
 Concen: 0.832 ug/l
 RT: 7.72 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 117 Resp: 3128
 Ion Ratio Lower Upper
 117 100
 119 104.4 77.9 116.9
 121 33.2 24.8 37.2

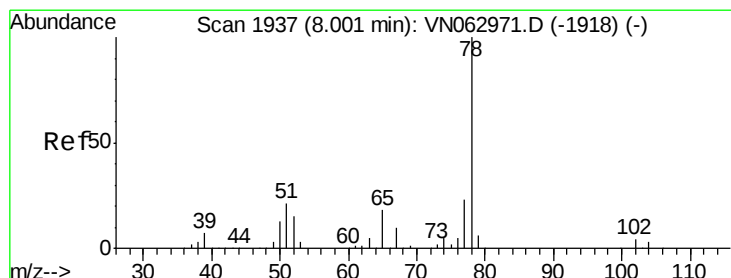
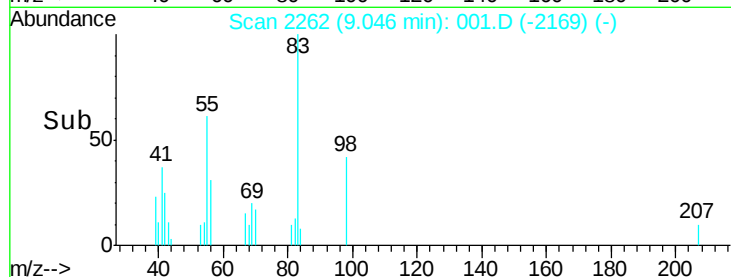
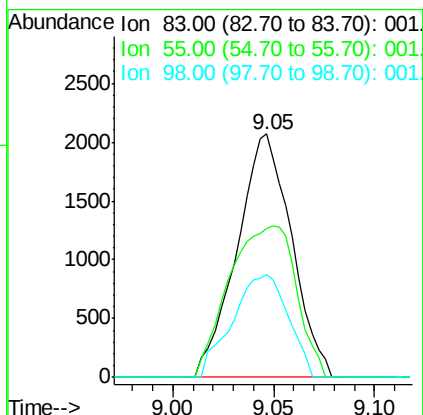
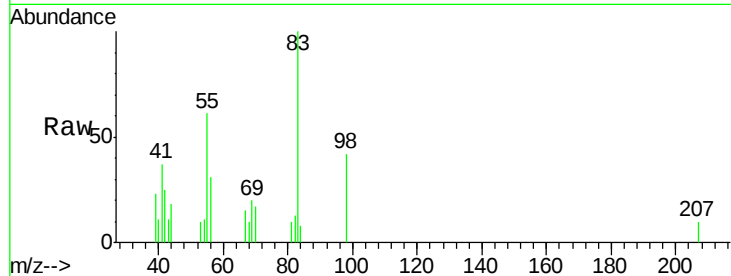




#39
Methylcyclohexane
Concen: 0.995 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

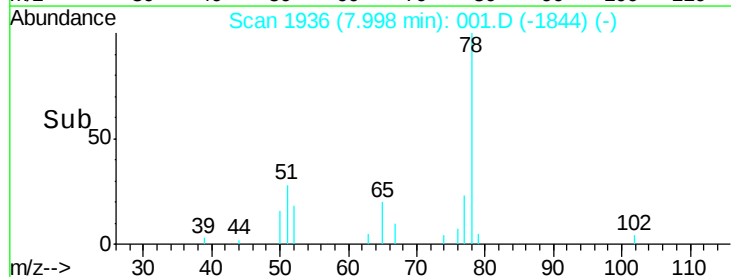
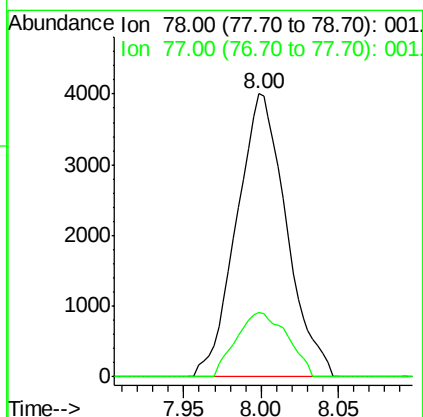
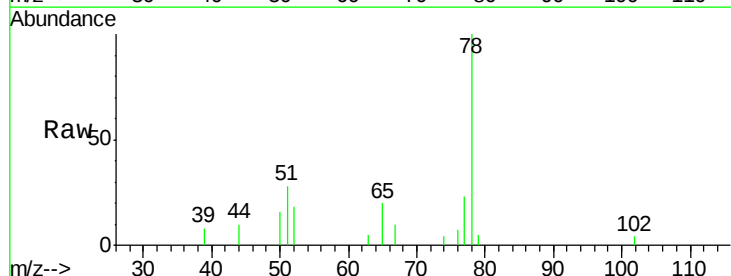
Instrument :
MSVOA_N
ClientSampled :
BFB

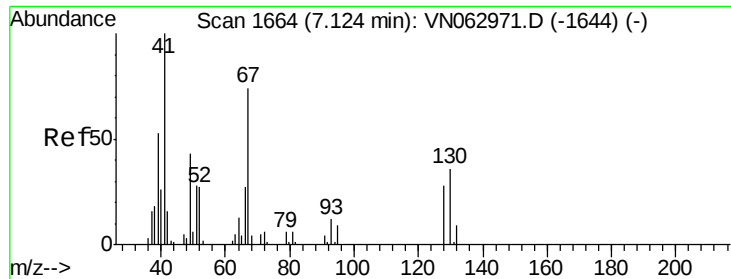
Tgt Ion: 83 Resp: 3908
Ion Ratio Lower Upper
83 100
55 61.0 59.0 88.6
98 42.1 36.8 55.2



#40
Benzene
Concen: 0.926 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 78 Resp: 8972
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8

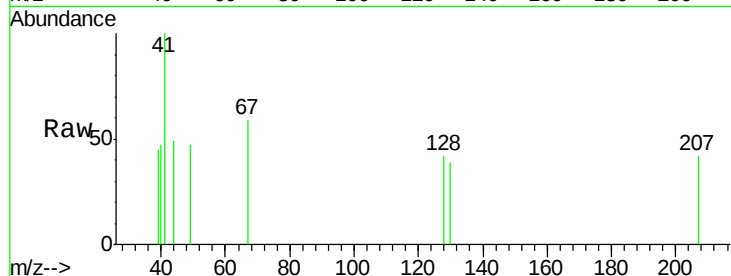




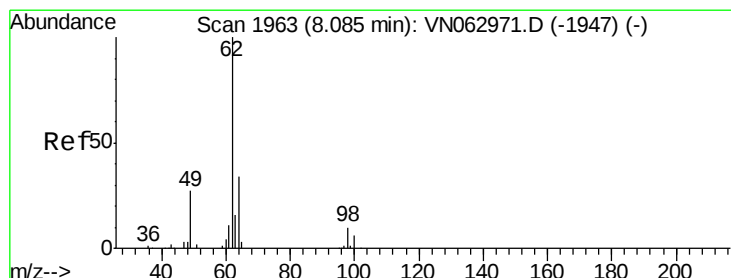
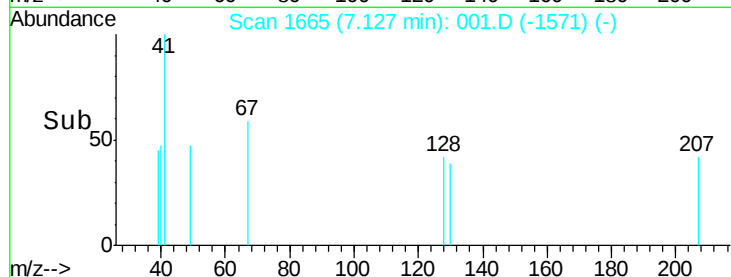
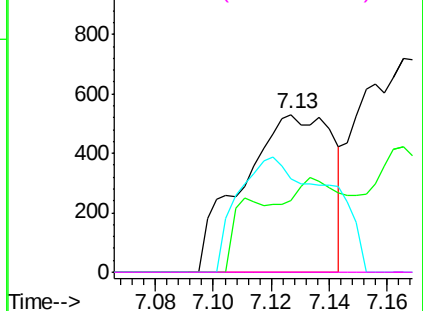
#41
Methacrylonitrile
Concen: 0.793 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampled :
BFB

Tgt Ion: 41 Resp: 1144
Ion Ratio Lower Upper
41 100
39 16.2 58.6 88.0#
67 73.7 90.1 135.1#
52 0.0 34.7 52.1#

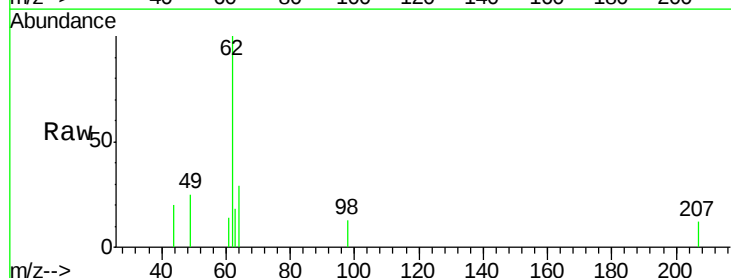


Abundance Ion 41.00 (40.70 to 41.70): 001
Ion 39.00 (38.70 to 39.70): 001
Ion 67.00 (66.70 to 67.70): 001
Ion 52.00 (51.70 to 52.70): 001

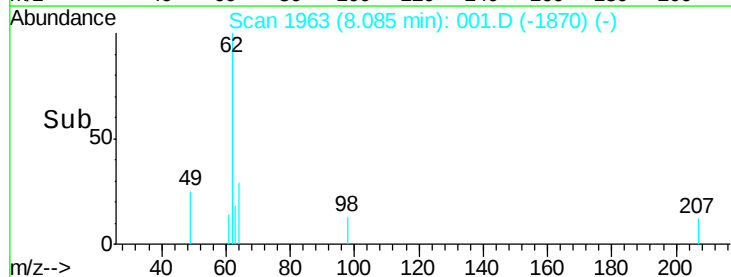
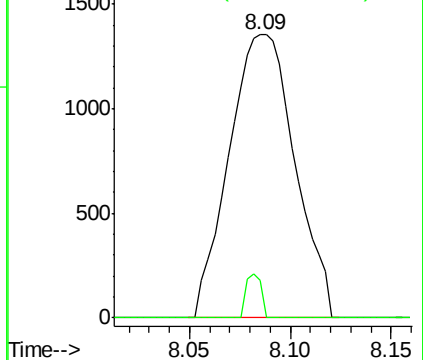


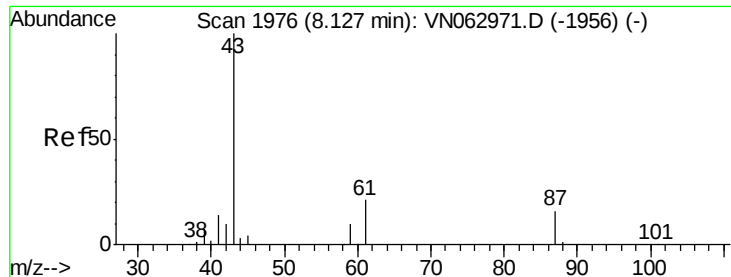
#42
1,2-Dichloroethane
Concen: 0.779 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 62 Resp: 3083
Ion Ratio Lower Upper
62 100
98 3.6 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): 001
Ion 97.90 (97.60 to 98.60): 001

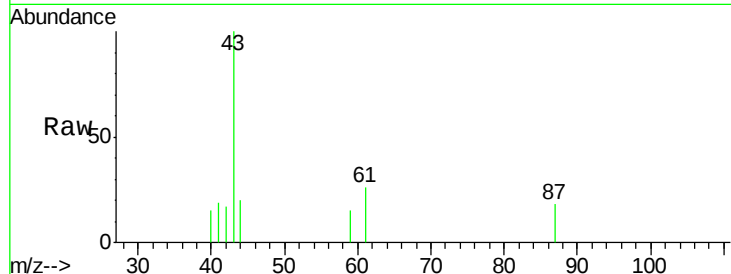




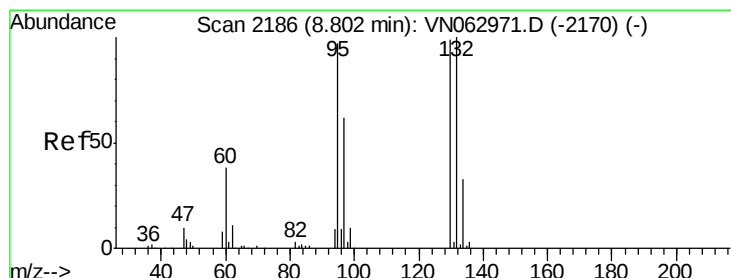
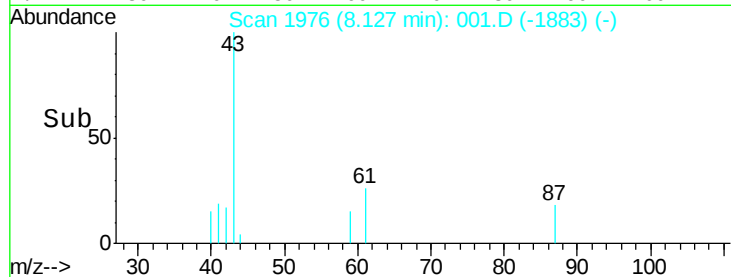
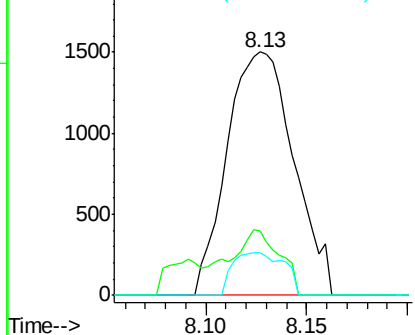
#43
Isopropyl Acetate
Concen: 0.636 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 3464
Ion Ratio Lower Upper
43 100
61 19.9 24.6 36.8#
87 13.6 12.4 18.6

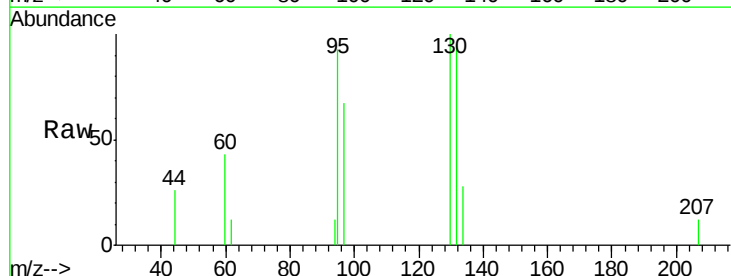


Abundance Ion 43.00 (42.70 to 43.70): 001
Ion 61.00 (60.70 to 61.70): 001
Ion 87.00 (86.70 to 87.70): 001

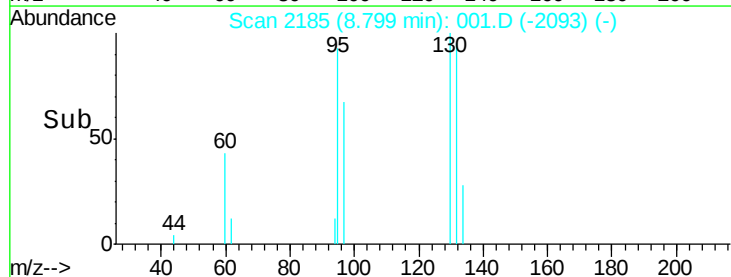
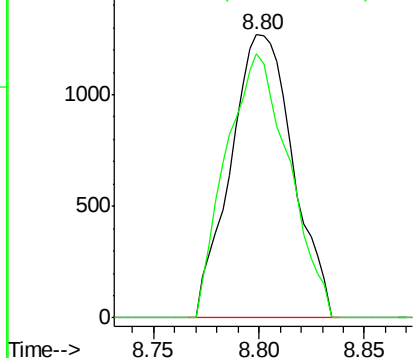


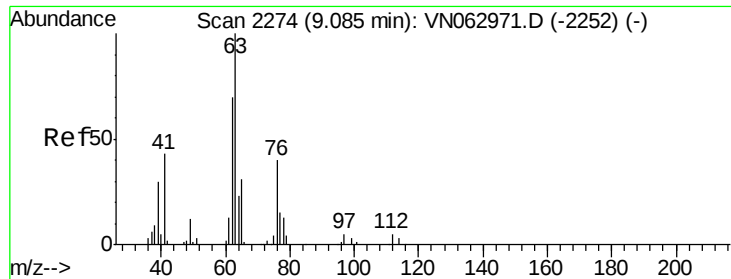
#44
Trichloroethene
Concen: 1.087 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 130 Resp: 2608
Ion Ratio Lower Upper
130 100
95 93.5 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): 0
Ion 94.90 (94.60 to 95.60): 001

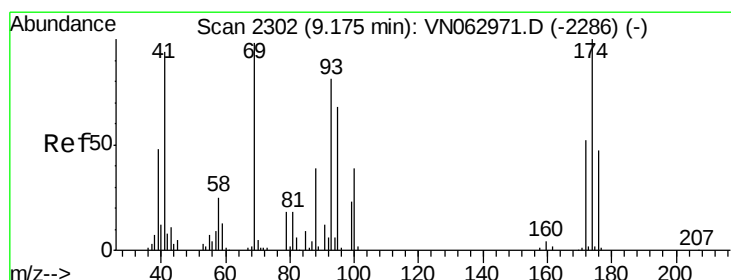
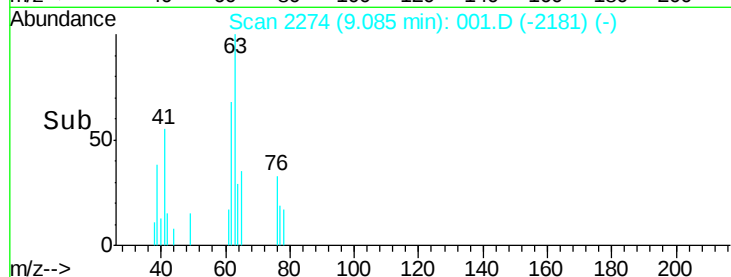
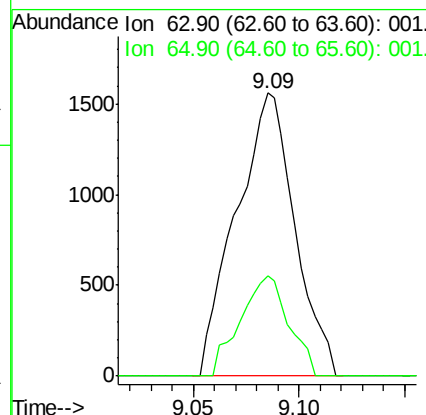
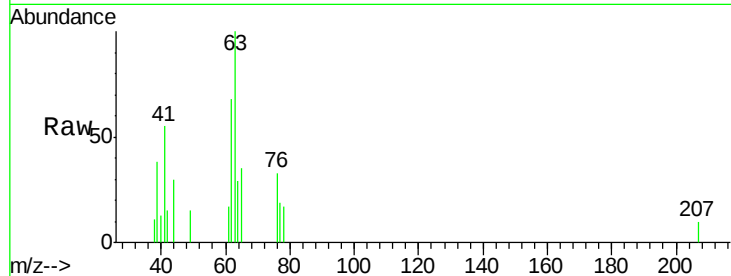




#45
 1,2-Dichloropropane
 Concen: 1.158 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

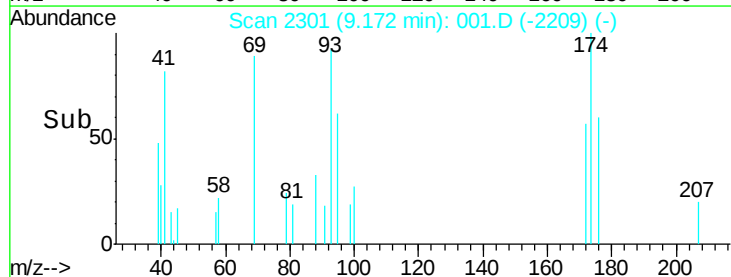
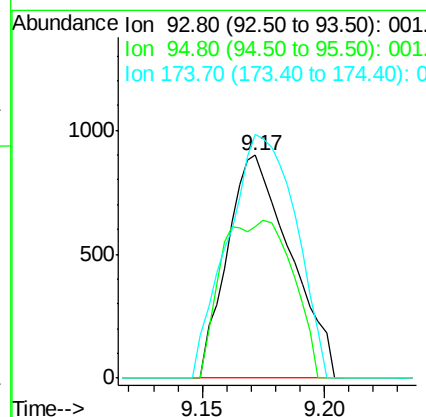
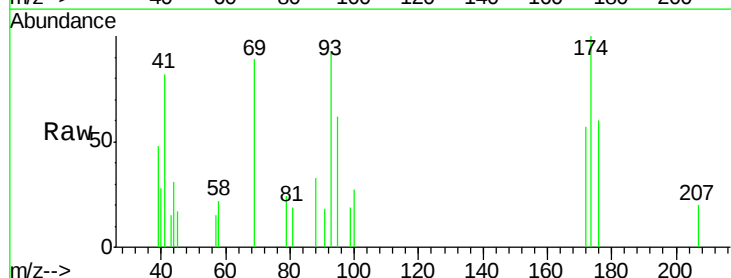
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

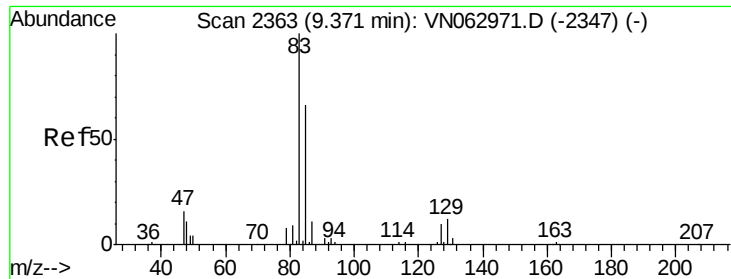
Tgt Ion: 63 Resp: 3011
 Ion Ratio Lower Upper
 63 100
 65 35.4 24.7 37.1



#46
 Dibromomethane
 Concen: 0.946 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 93 Resp: 1614
 Ion Ratio Lower Upper
 93 100
 95 80.7 66.6 99.8
 174 117.8 96.6 145.0





#47

Bromodichloromethane

Concen: 0.822 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

BFB

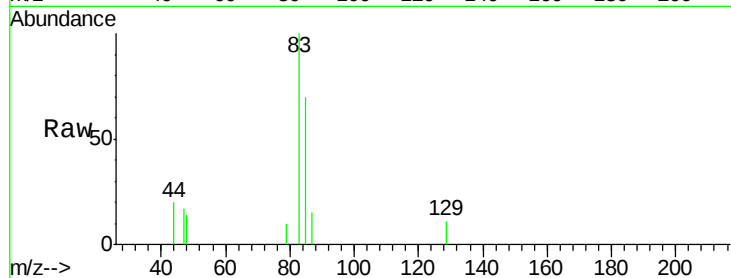
Tgt Ion: 83 Resp: 3098

Ion Ratio Lower Upper

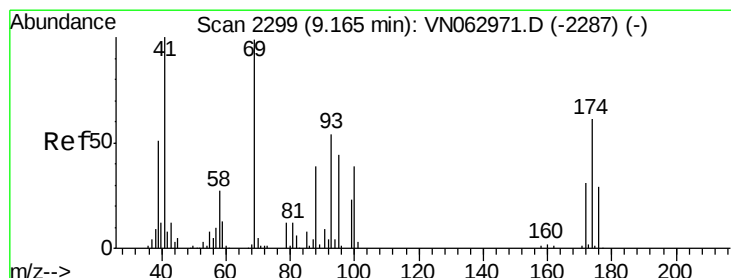
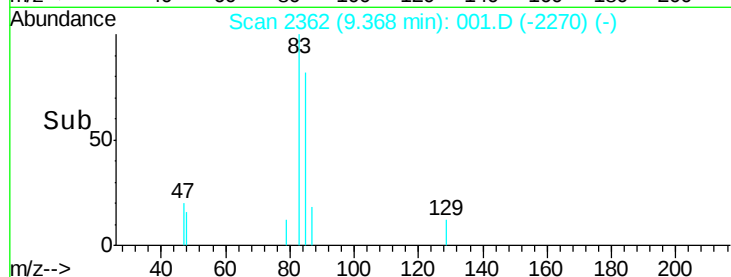
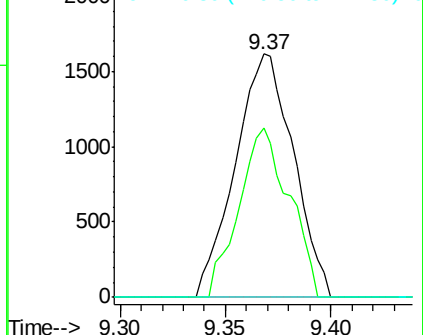
83 100

85 69.7 52.4 78.6

127 0.0 7.8 11.6#



Abundance Ion 82.90 (82.60 to 83.60): 001
Ion 84.90 (84.60 to 85.60): 001
Ion 126.80 (126.50 to 127.50): 0



#48

Methyl methacrylate

Concen: 0.689 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

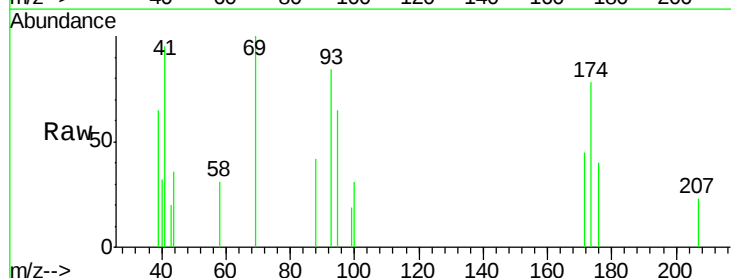
Tgt Ion: 41 Resp: 1840

Ion Ratio Lower Upper

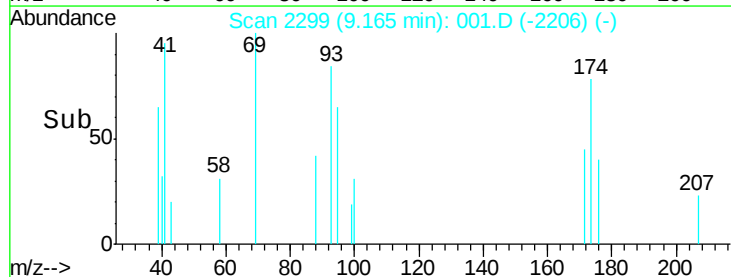
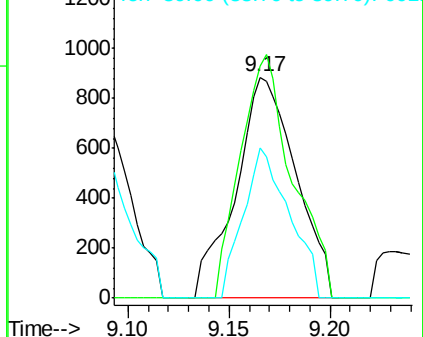
41 100

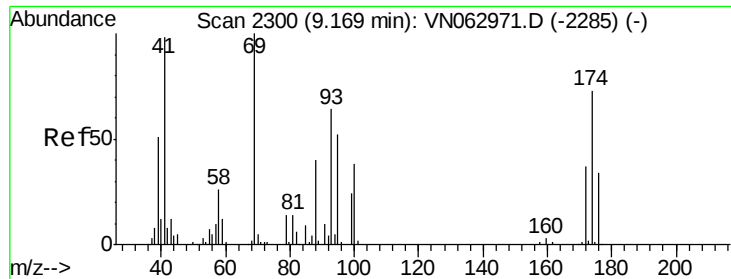
69 95.8 81.1 121.7

39 52.0 42.4 63.6



Abundance Ion 41.00 (40.70 to 41.70): 001
Ion 69.00 (68.70 to 69.70): 001
Ion 39.00 (38.70 to 39.70): 001

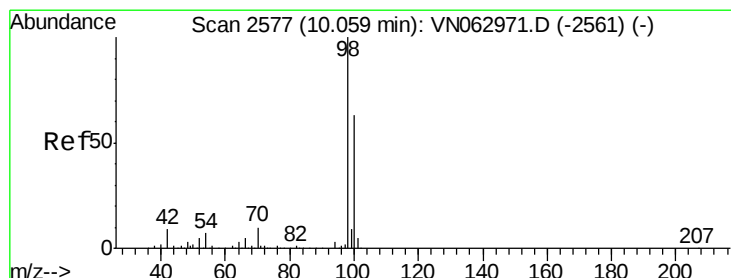
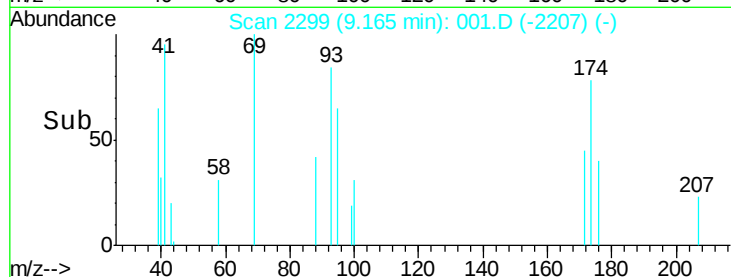
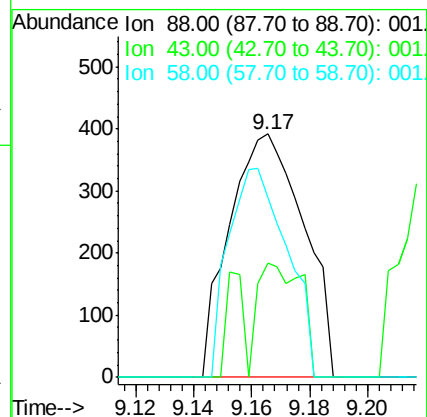
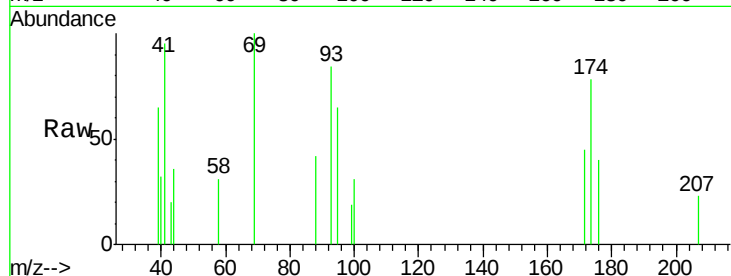




#49
 1,4-Dioxane
 Concen: 13.884 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

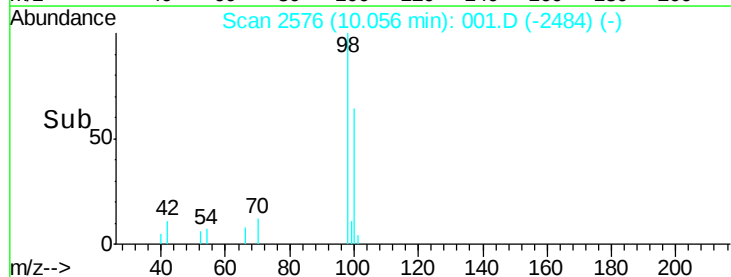
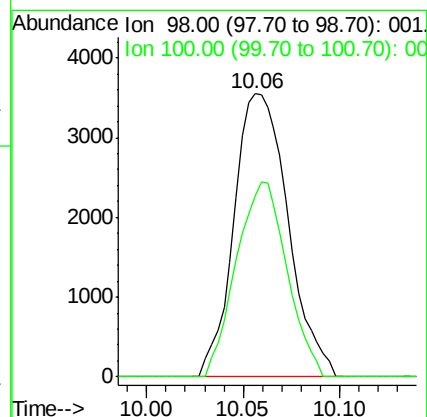
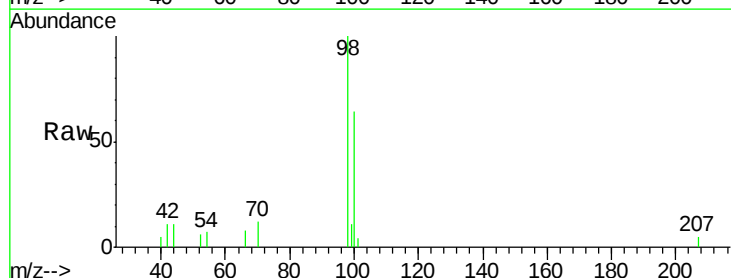
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

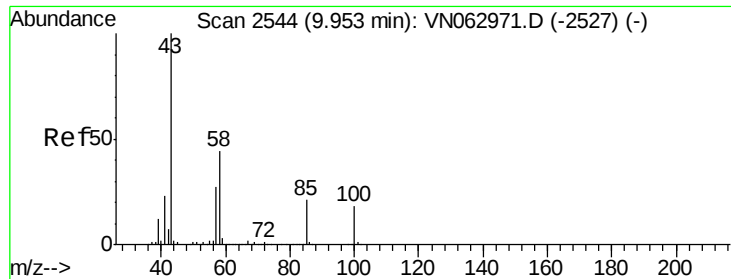
Tgt Ion: 88 Resp: 696
 Ion Ratio Lower Upper
 88 100
 43 27.4 23.1 34.7
 58 67.7 53.1 79.7



#50
 Toluene-d8
 Concen: 0.774 ug/l
 RT: 10.06 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 98 Resp: 6896
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.0 76.4

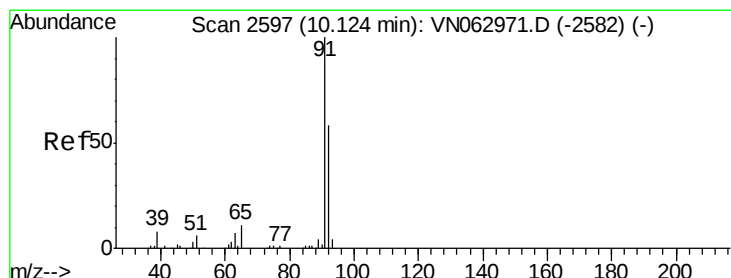
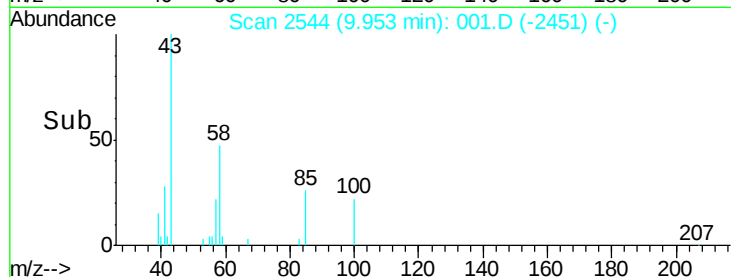
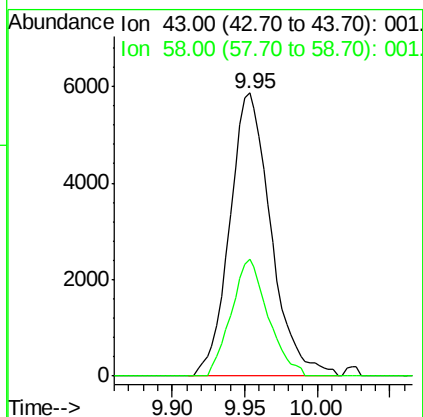
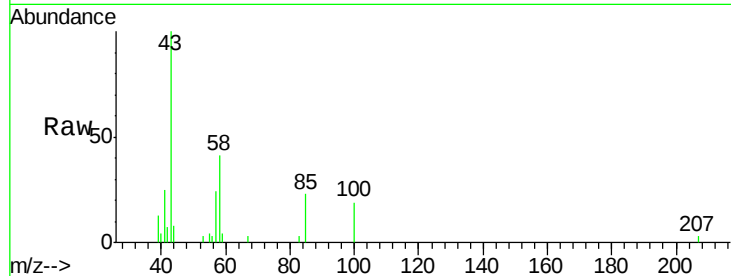




#51
 4-Methyl-2-Pentanone
 Concen: 3.296 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

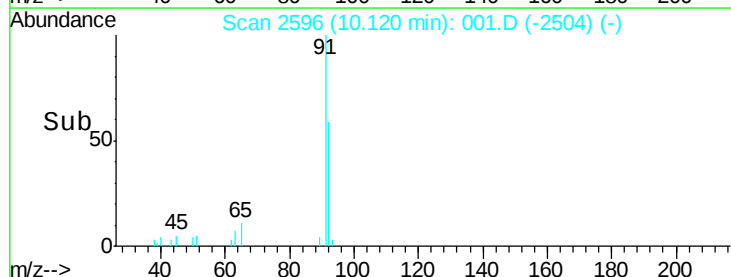
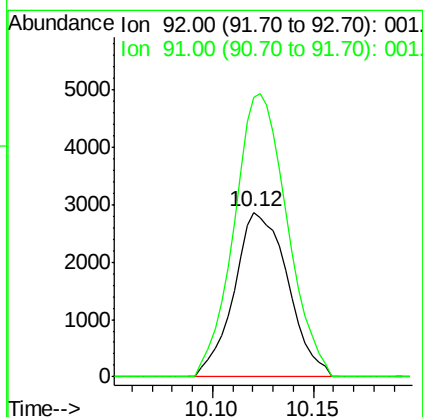
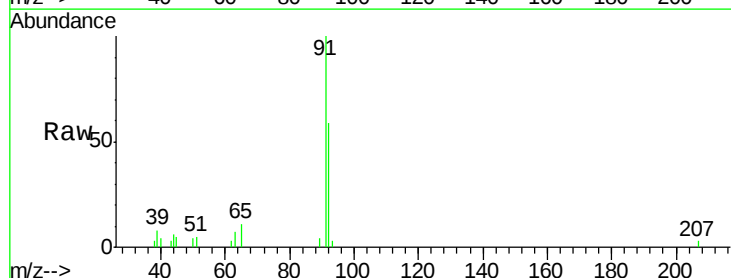
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

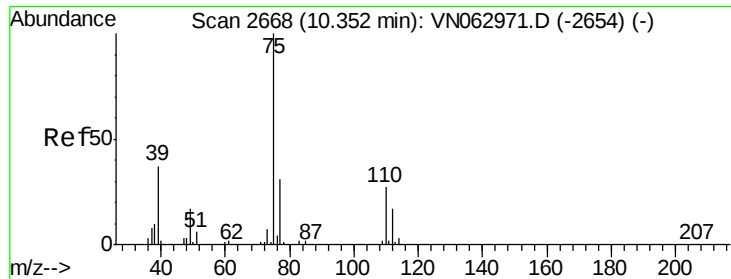
Tgt Ion: 43 Resp: 11601
 Ion Ratio Lower Upper
 43 100
 58 36.7 34.3 51.5



#52
 Toluene
 Concen: 0.891 ug/l
 RT: 10.12 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 92 Resp: 5341
 Ion Ratio Lower Upper
 92 100
 91 169.3 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 0.729 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

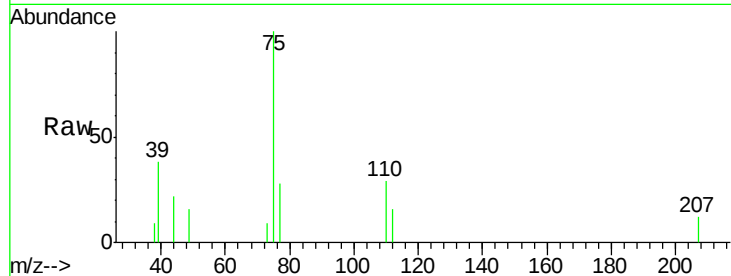
BFB

Tgt Ion: 75 Resp: 3010

Ion Ratio Lower Upper

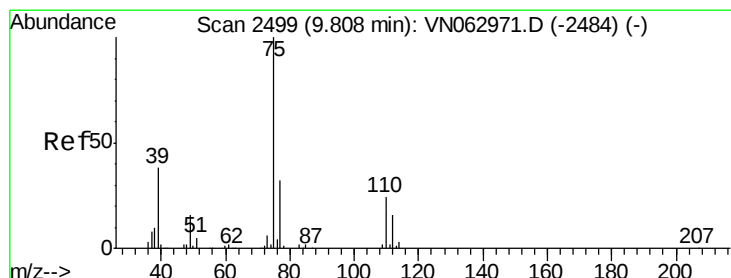
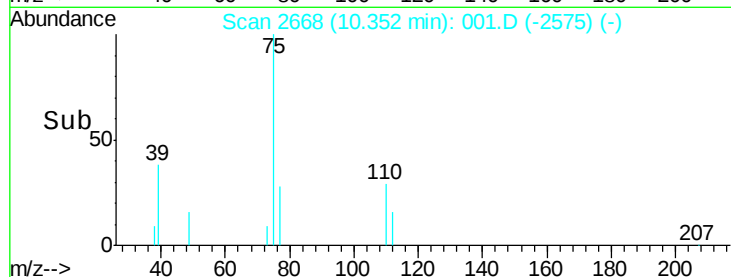
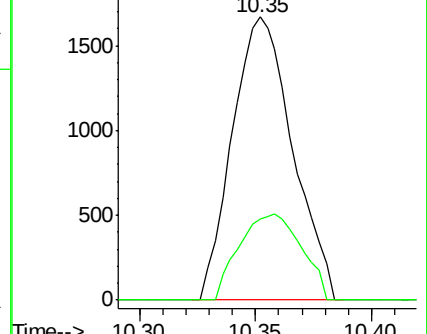
75 100

77 28.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): 001

Ion 76.90 (76.60 to 77.60): 001



#54

cis-1,3-Dichloropropene

Concen: 0.756 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

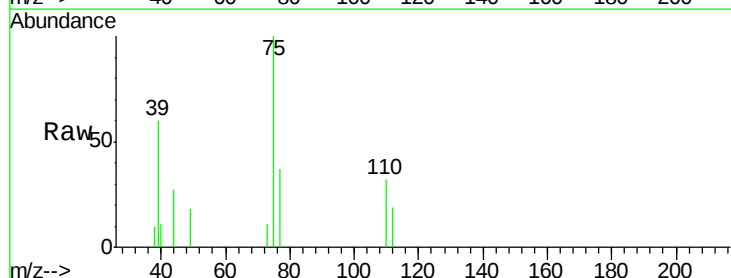
Tgt Ion: 75 Resp: 3184

Ion Ratio Lower Upper

75 100

77 36.9 25.4 38.2

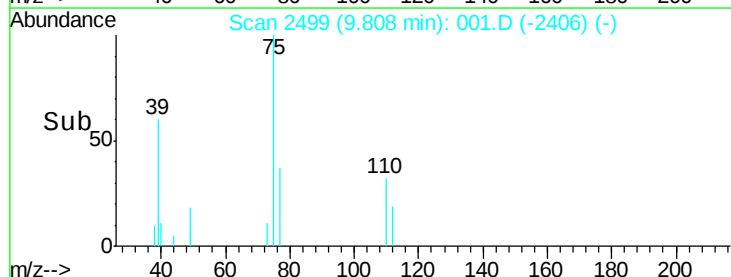
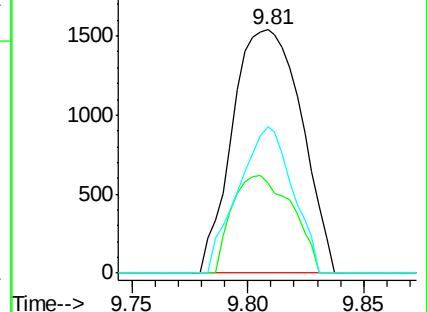
39 60.2 30.6 46.0#

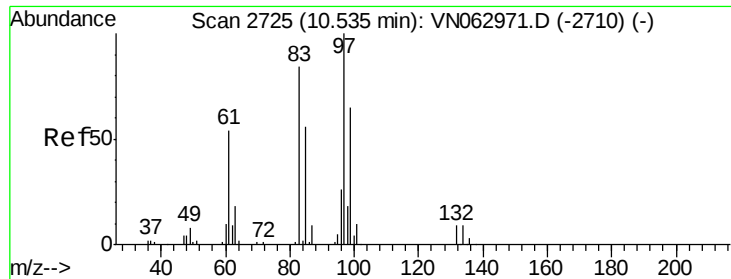


Abundance Ion 74.90 (74.60 to 75.60): 001

Ion 76.90 (76.60 to 77.60): 001

Ion 39.00 (38.70 to 39.70): 001

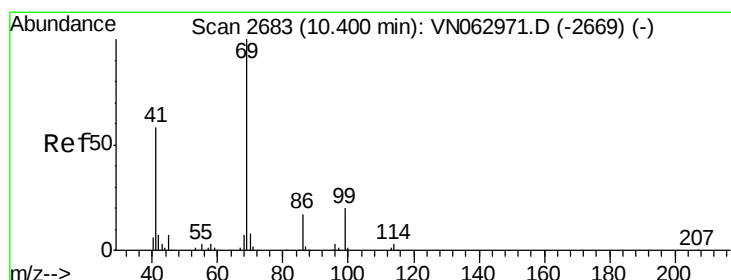
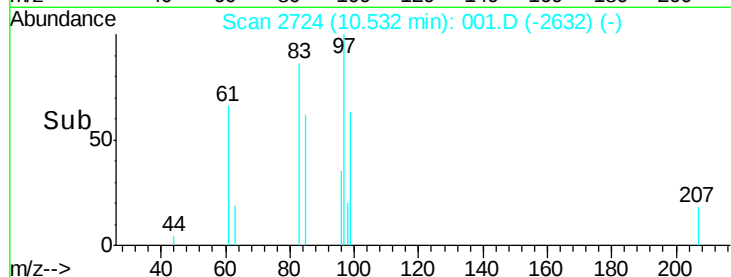
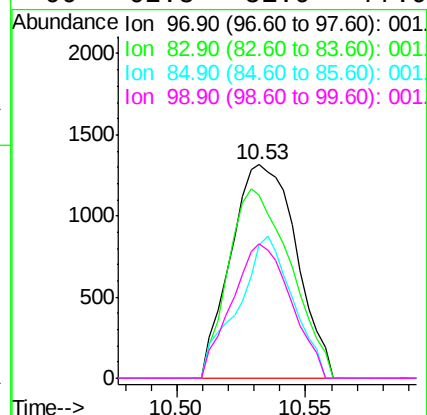
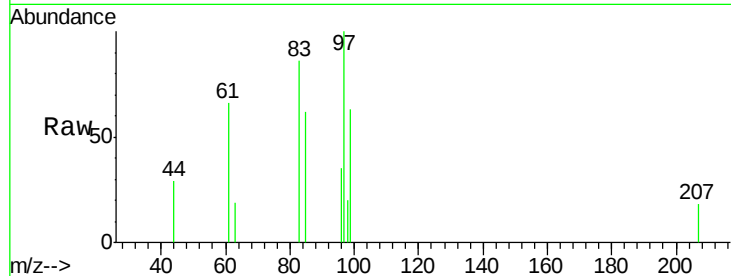




#55
 1,1,2-Trichloroethane
 Concen: 0.908 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

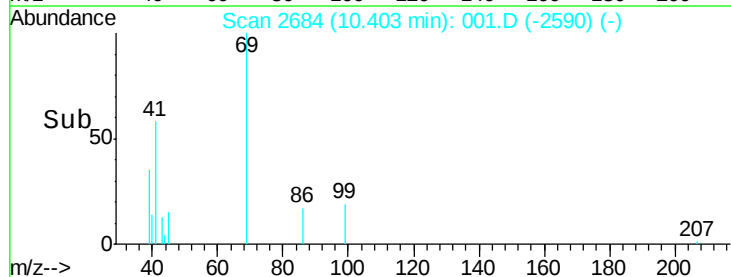
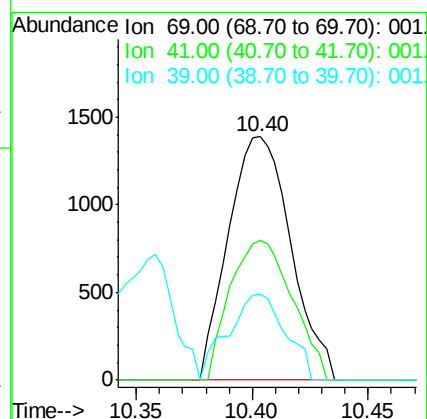
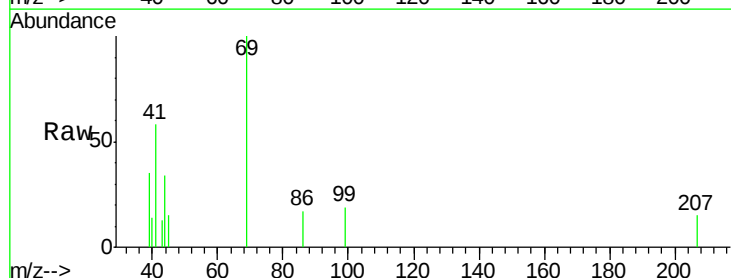
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

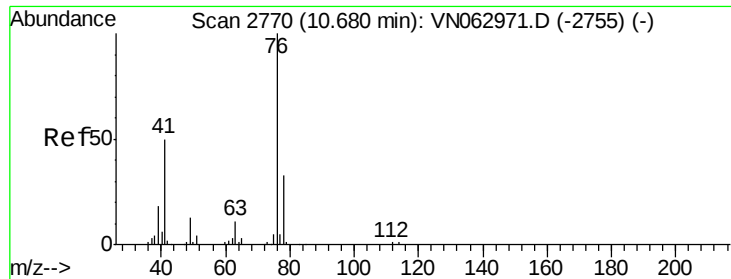
Tgt Ion:	97	Resp:	2330
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.0	100.4
85	62.2	44.4	66.6
99	62.8	51.9	77.9



#56
 Ethyl methacrylate
 Concen: 0.693 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion:	69	Resp:	2607
Ion	Ratio	Lower	Upper
69	100		
41	57.1	46.0	69.0
39	32.5	23.4	35.0

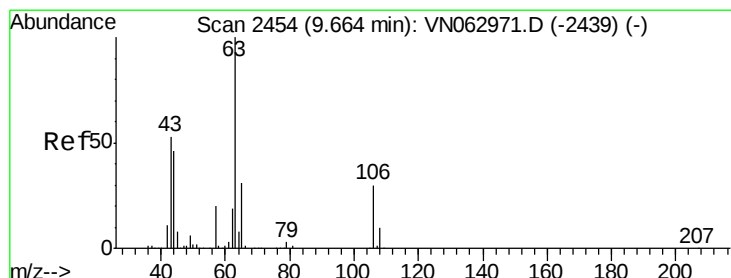
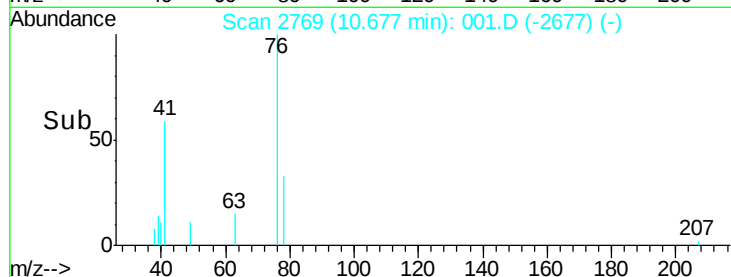
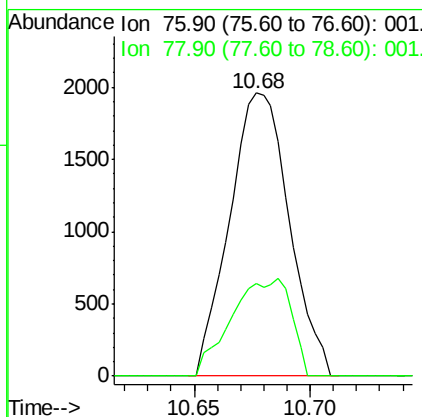
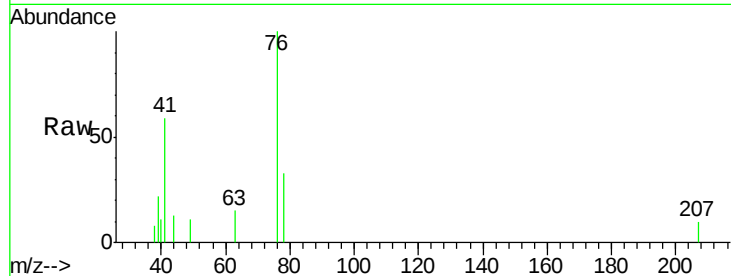




#57
 1,3-Dichloropropane
 Concen: 0.817 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

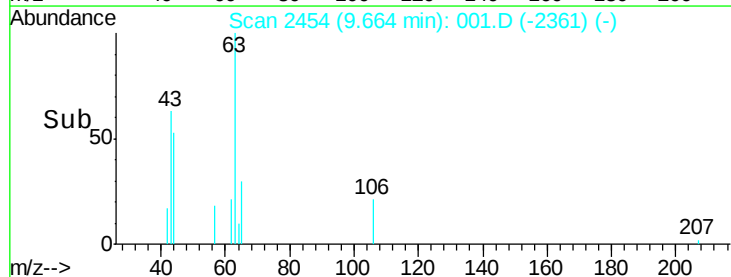
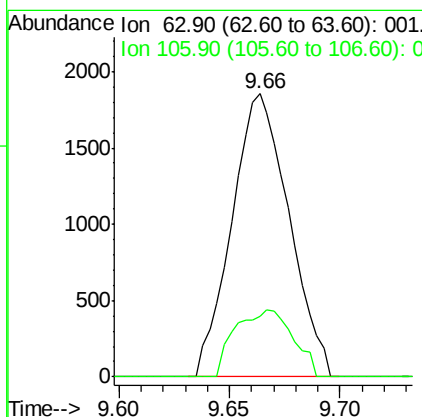
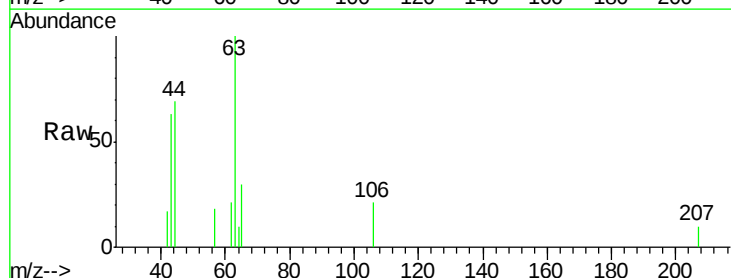
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

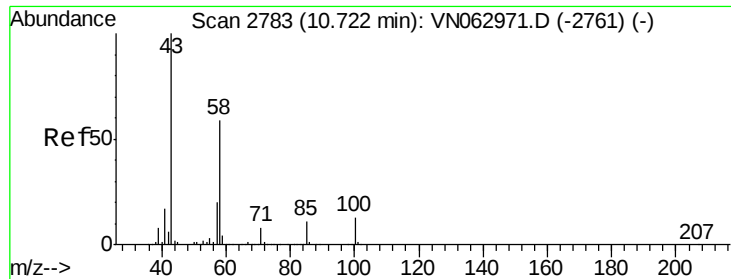
Tgt Ion: 76 Resp: 3503
 Ion Ratio Lower Upper
 76 100
 78 34.4 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.214 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 63 Resp: 3344
 Ion Ratio Lower Upper
 63 100
 106 23.8 23.4 35.2

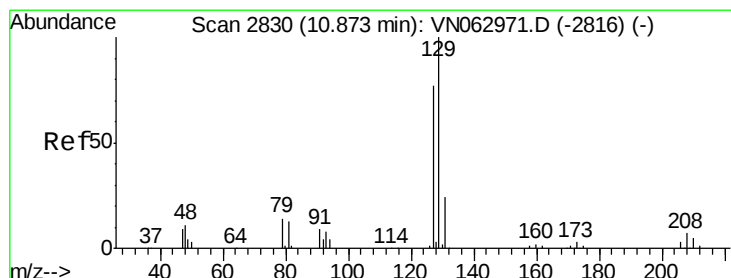
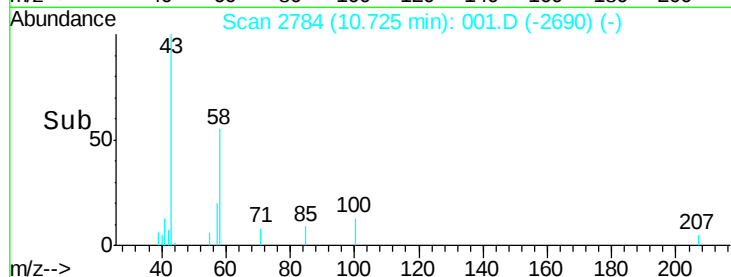
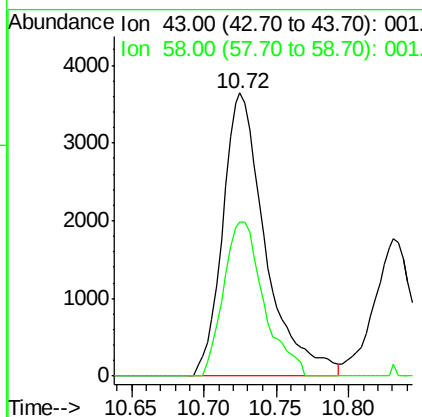
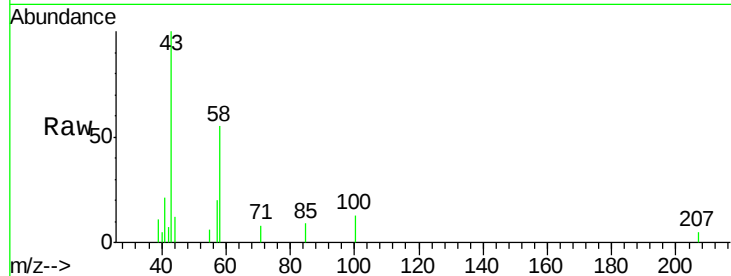




#59
2-Hexanone
Concen: 2.850 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

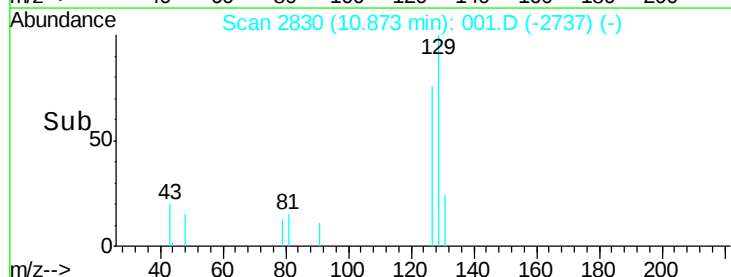
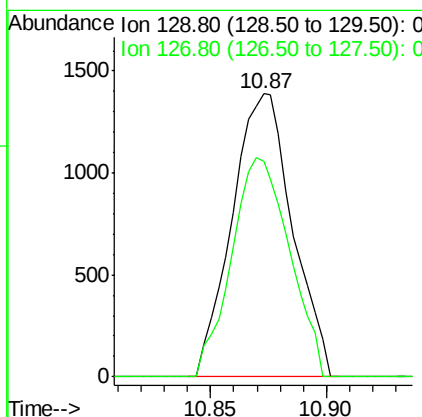
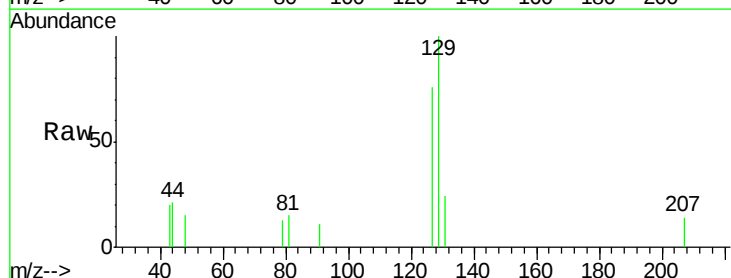
Instrument :
MSVOA_N
ClientSampled :
BFB

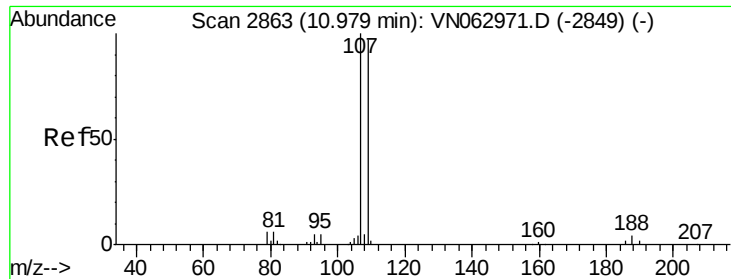
Tgt Ion: 43 Resp: 7445
Ion Ratio Lower Upper
43 100
58 51.1 29.5 88.5



#60
Dibromochloromethane
Concen: 0.865 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 129 Resp: 2512
Ion Ratio Lower Upper
129 100
127 74.3 38.4 115.2

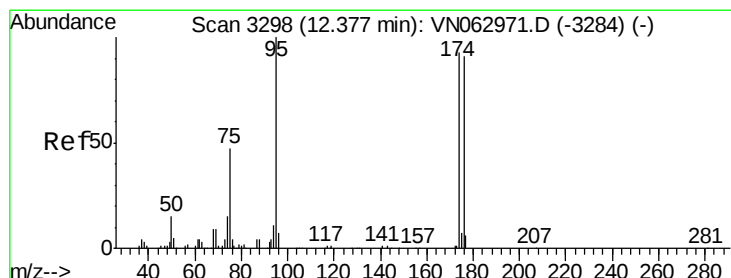
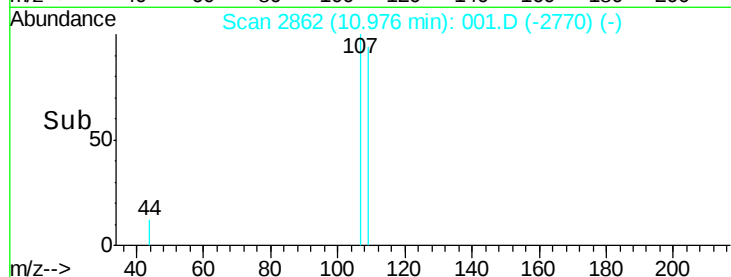
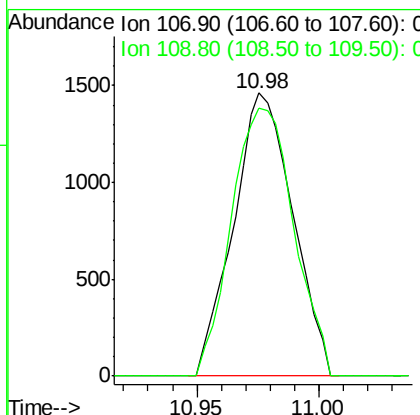
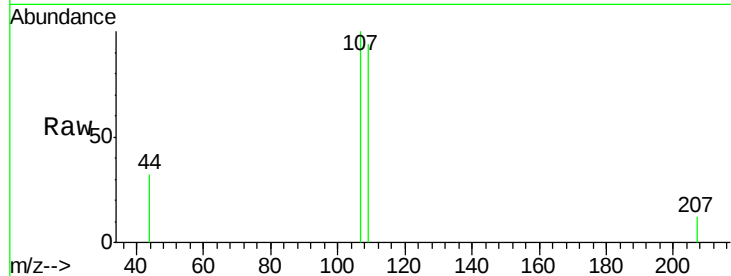




#61
 1,2-Dibromoethane
 Concen: 0.974 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

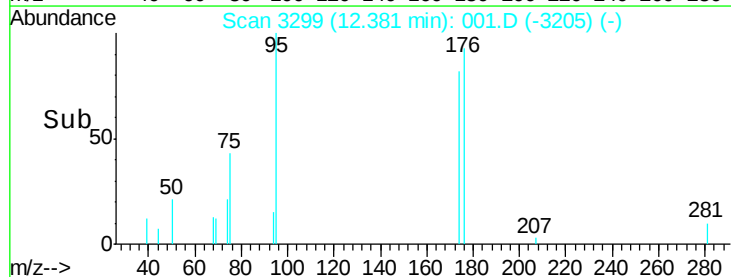
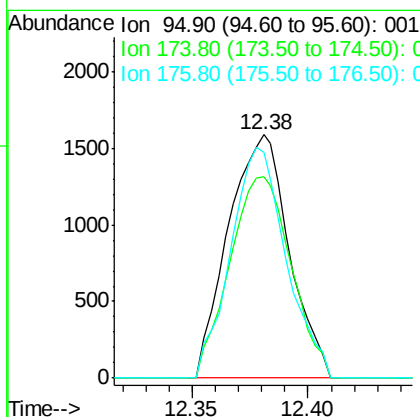
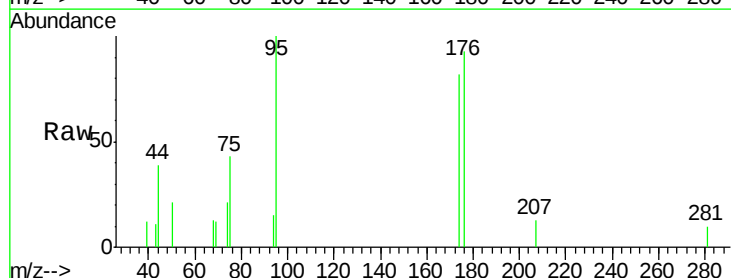
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

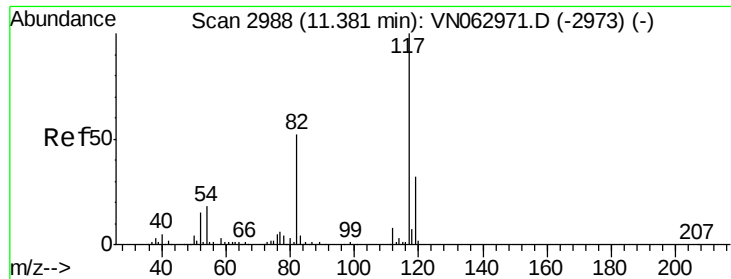
Tgt Ion: 107 Resp: 2463
 Ion Ratio Lower Upper
 107 100
 109 99.5 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 0.873 ug/l
 RT: 12.38 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion: 95 Resp: 2890
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 185.2
 176 86.6 0.0 178.8

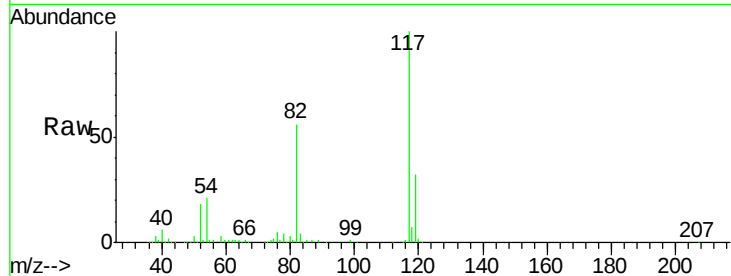




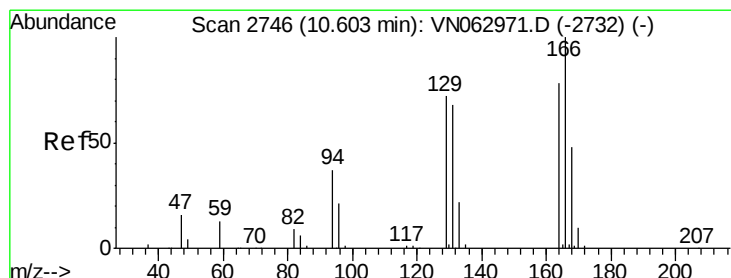
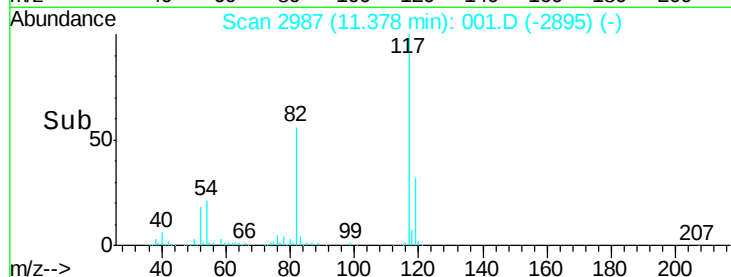
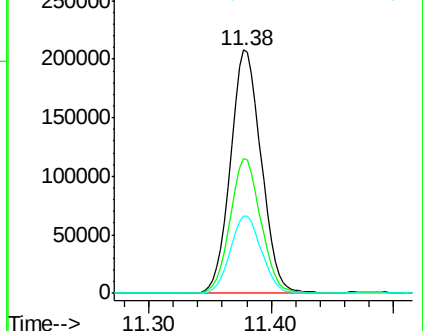
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion:117 Resp: 366055
Ion Ratio Lower Upper
117 100
82 55.6 41.3 61.9
119 31.9 25.8 38.8

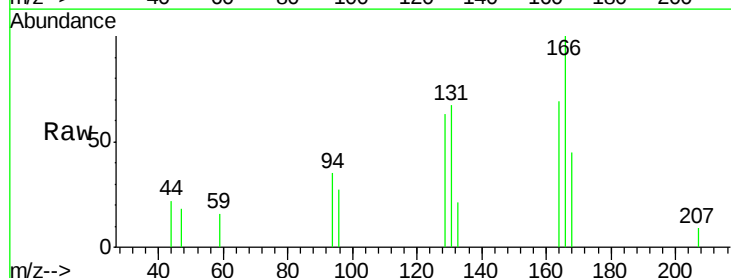


Abundance Ion 116.90 (116.60 to 117.60): 0
Ion 82.00 (81.70 to 82.70): 001
Ion 118.90 (118.60 to 119.60): 0

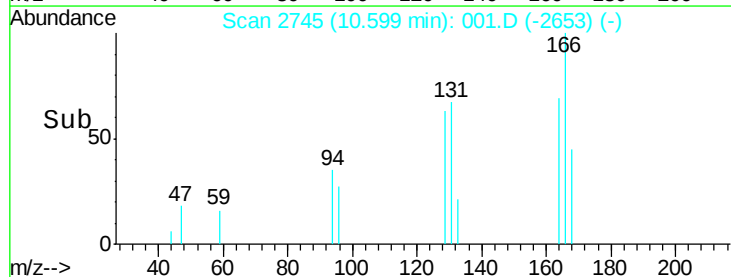
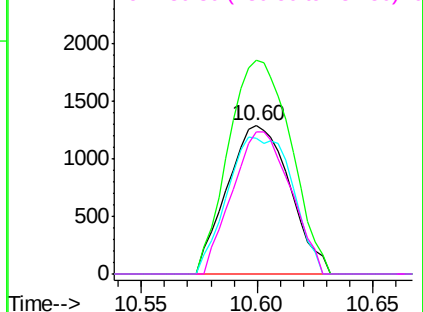


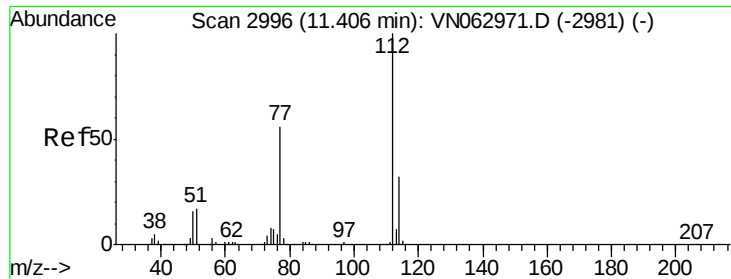
#64
Tetrachloroethene
Concen: 1.010 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion:164 Resp: 2419
Ion Ratio Lower Upper
164 100
166 144.2 101.9 152.9
129 91.3 73.1 109.7
131 96.0 69.0 103.4



Abundance Ion 163.80 (163.50 to 164.50): 0
Ion 165.80 (165.50 to 166.50): 0
Ion 128.80 (128.50 to 129.50): 0
Ion 130.80 (130.50 to 131.50): 0

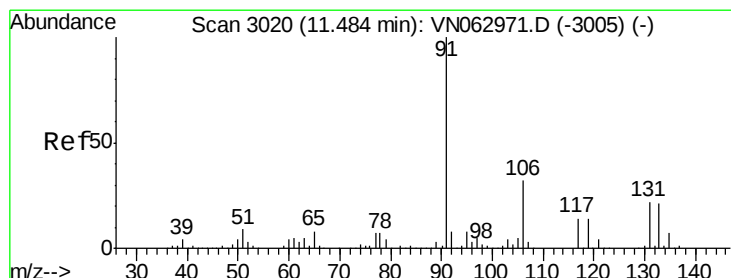
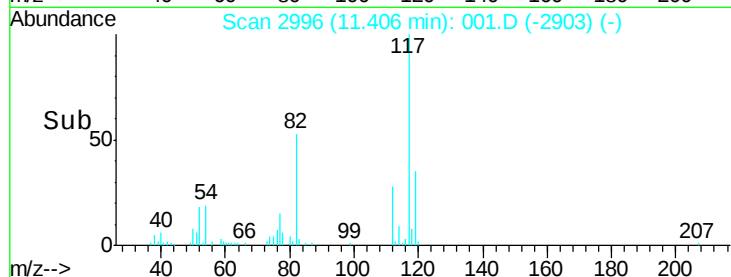
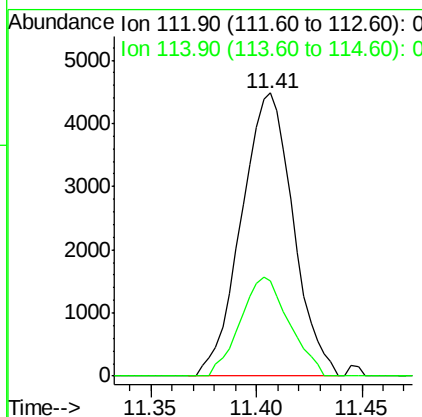
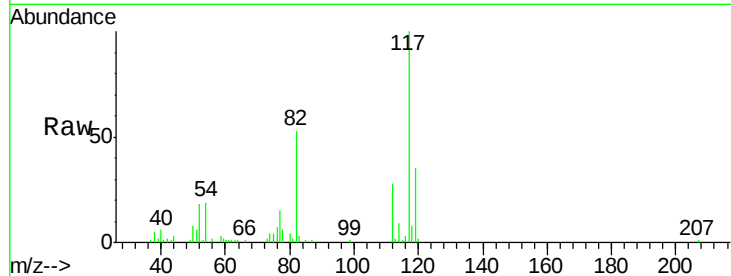




#65
Chlorobenzene
Concen: 1.006 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

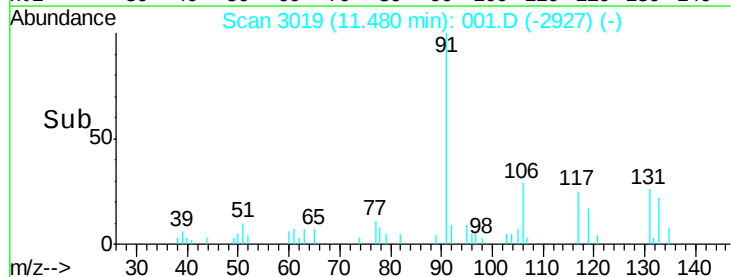
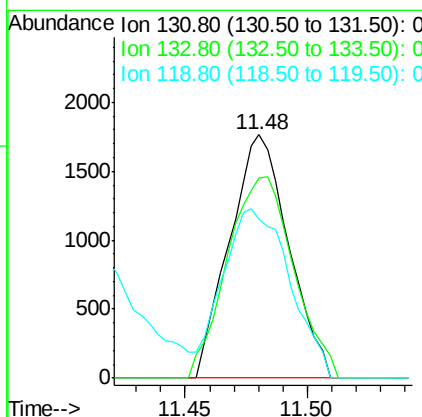
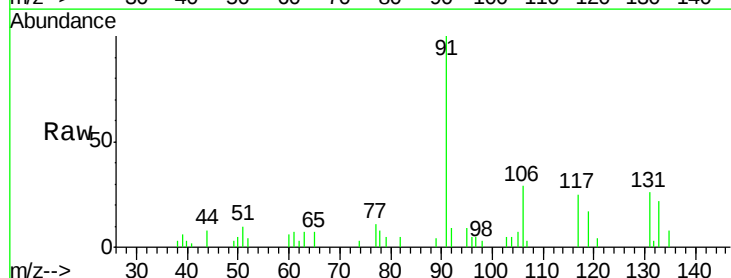
Instrument :
MSVOA_N
ClientSampled :
BFB

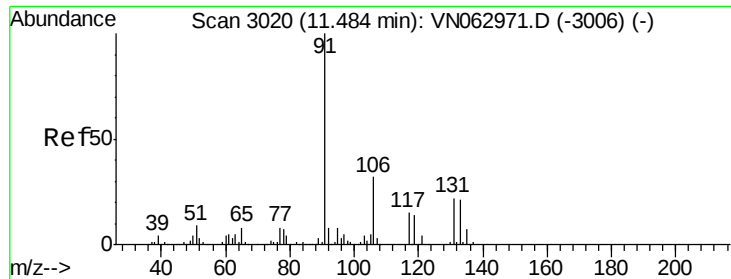
Tgt Ion:112 Resp: 7661
Ion Ratio Lower Upper
112 100
114 33.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 0.975 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion:131 Resp: 2959
Ion Ratio Lower Upper
131 100
133 93.0 47.8 143.4
119 0.0 32.4 97.0#

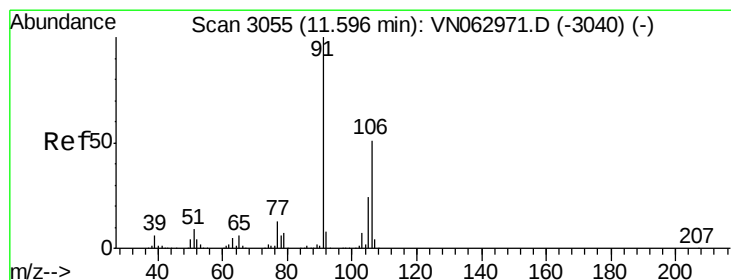
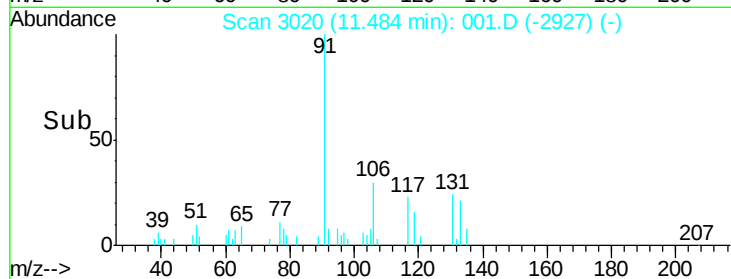
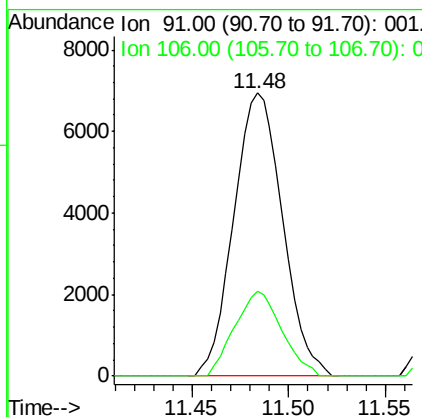
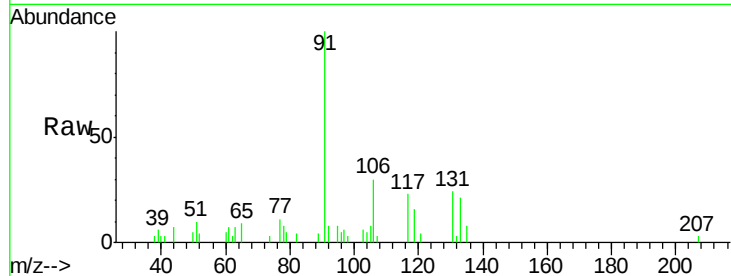




#67
Ethyl Benzene
Concen: 0.908 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

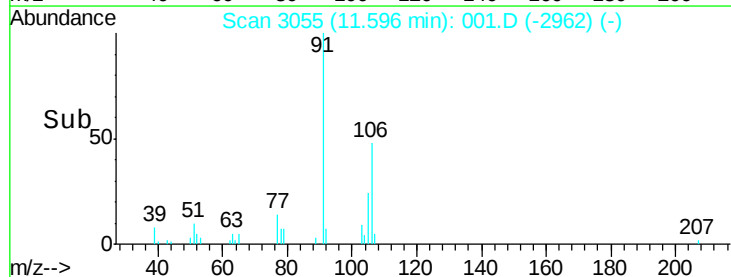
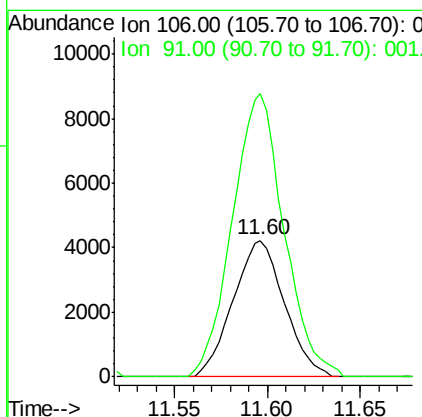
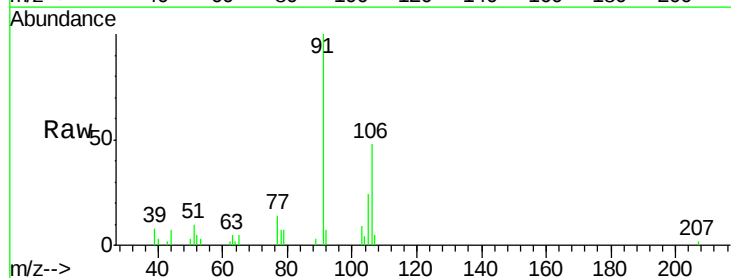
Instrument :
MSVOA_N
ClientSampled :
BFB

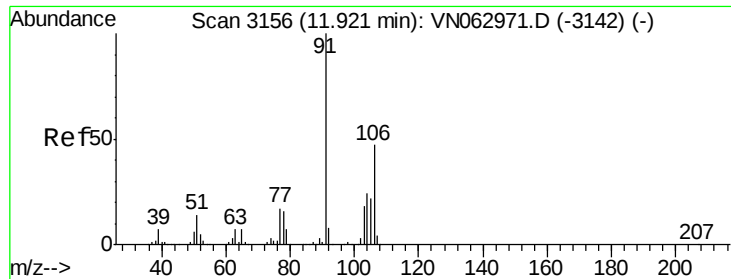
Tgt Ion: 91 Resp: 12203
Ion Ratio Lower Upper
91 100
106 29.9 25.9 38.9



#68
m/p-Xylenes
Concen: 1.647 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 106 Resp: 8117
Ion Ratio Lower Upper
106 100
91 208.6 158.7 238.1

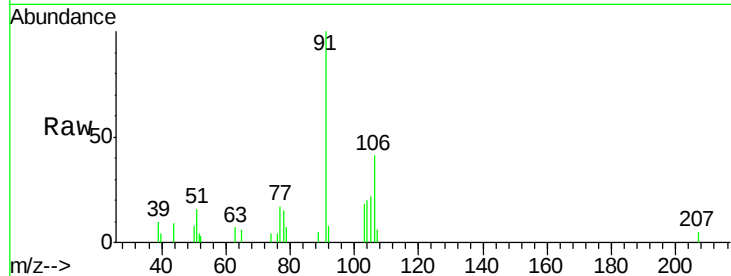




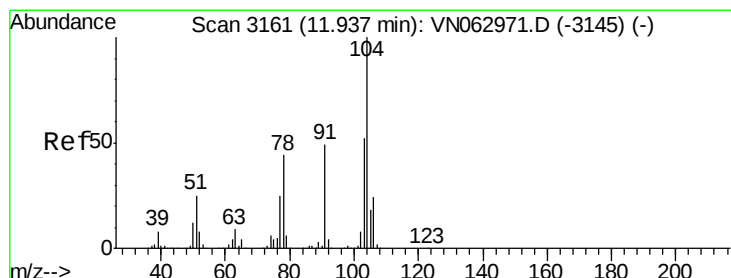
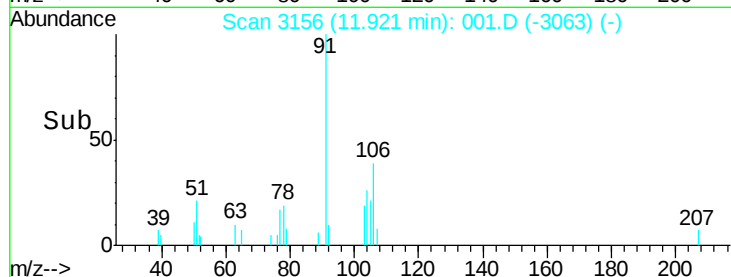
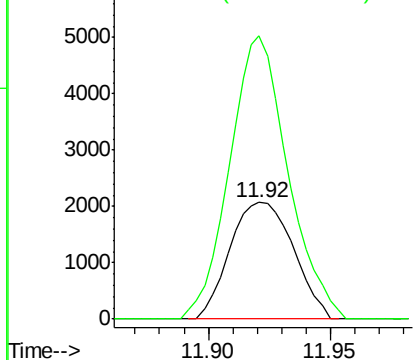
#69
o-Xylene
Concen: 0.812 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampled :
BFB

Tgt Ion:106 Resp: 3742
Ion Ratio Lower Upper
106 100
91 222.4 106.3 318.8

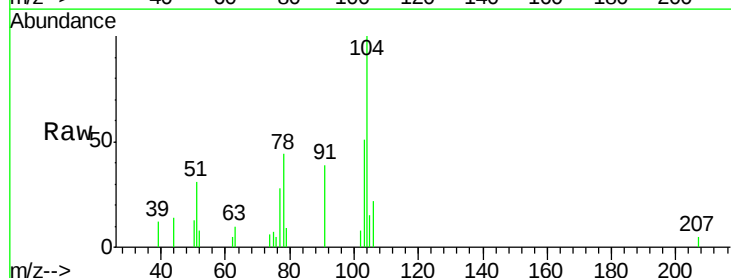


Abundance Ion 106.00 (105.70 to 106.70): 0
Ion 91.00 (90.70 to 91.70): 001

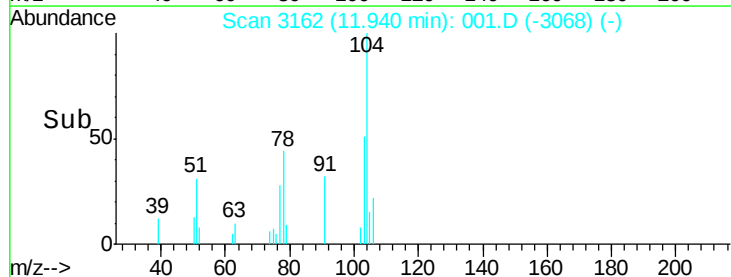
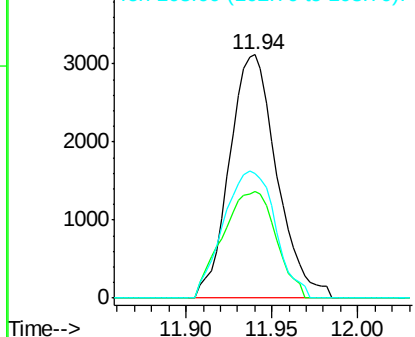


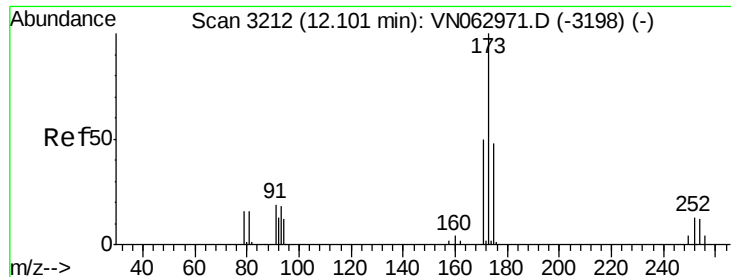
#70
Styrene
Concen: 0.736 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion:104 Resp: 5962
Ion Ratio Lower Upper
104 100
78 49.4 38.2 57.4
103 57.5 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): 0
Ion 78.00 (77.70 to 78.70): 001
Ion 103.00 (102.70 to 103.70): 0

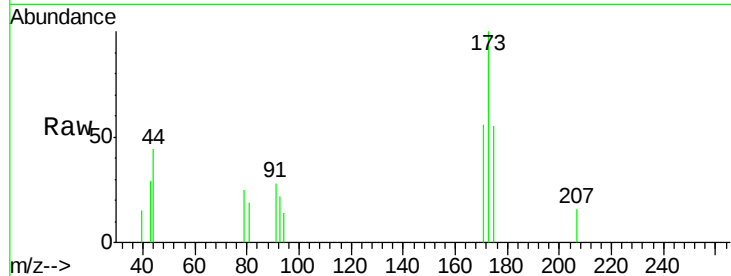




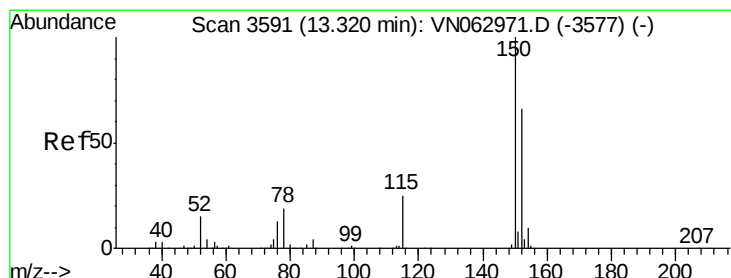
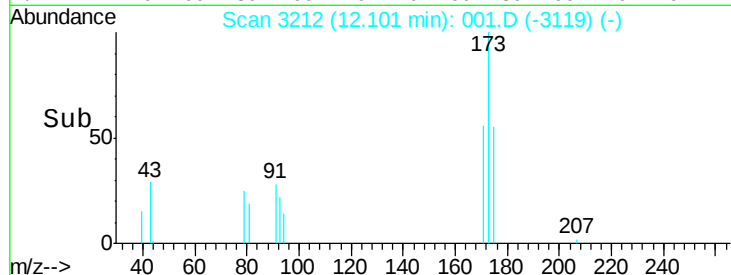
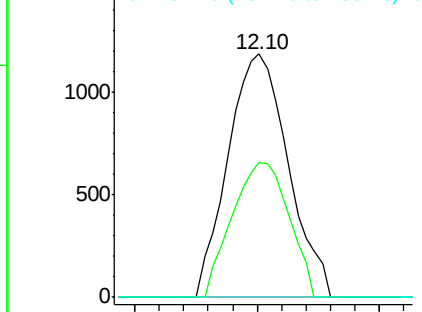
#71
Bromoform
Concen: 0.806 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion:173 Resp: 2022
Ion Ratio Lower Upper
173 100
175 52.5 24.1 72.2
254 0.0 0.0 0.0

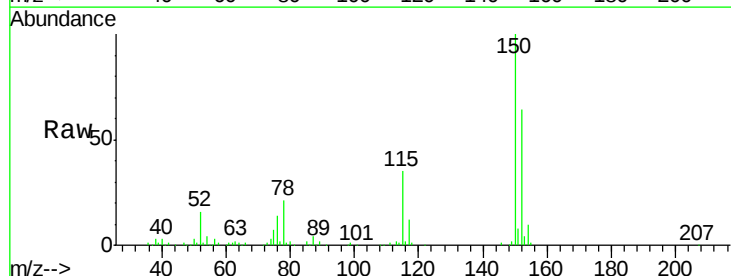


Abundance Ion 172.70 (172.40 to 173.40): 0
Ion 174.70 (174.40 to 175.40): 0
Ion 254.40 (254.10 to 255.10): 0

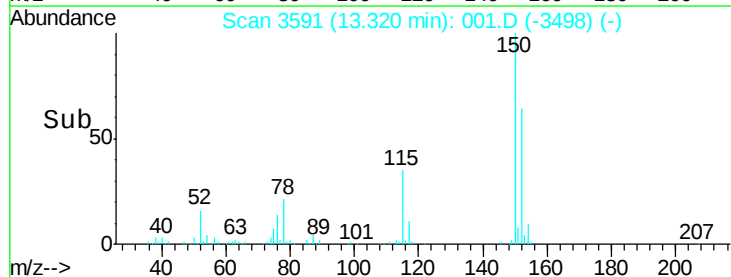
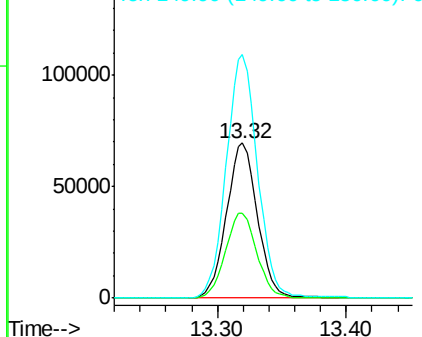


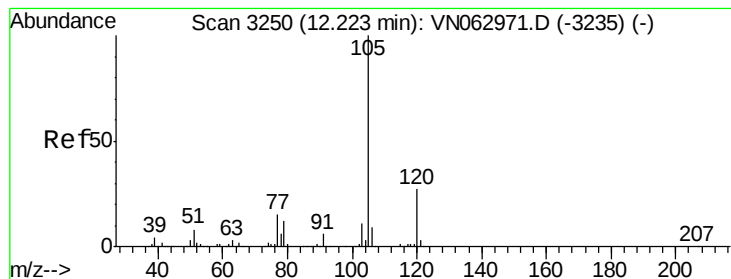
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion:152 Resp: 115975
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 159.6 0.0 341.4



Abundance Ion 151.90 (151.60 to 152.60): 0
Ion 114.90 (114.60 to 115.60): 0
Ion 149.90 (149.60 to 150.60): 0





#73

Isopropylbenzene

Concen: 0.950 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

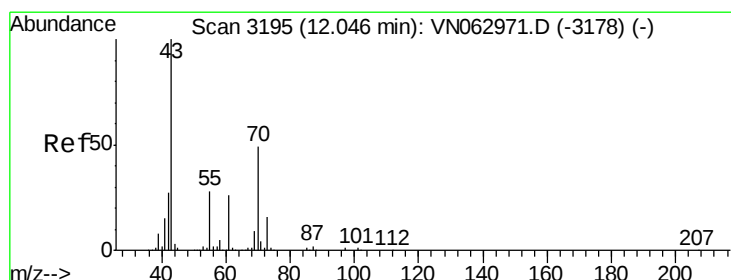
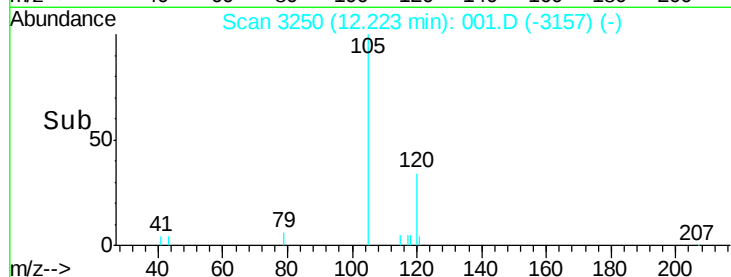
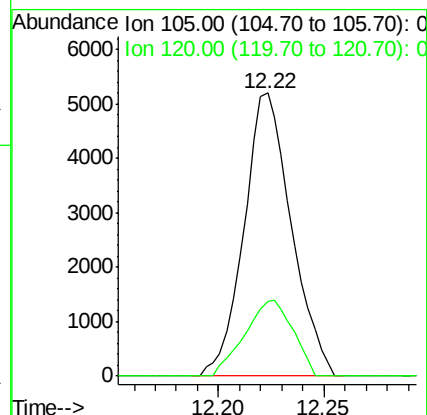
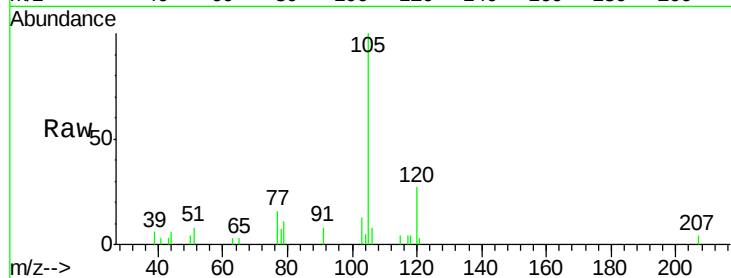
BFB

Tgt Ion: 105 Resp: 8119

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 0.819 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Tgt Ion: 43 Resp: 2731

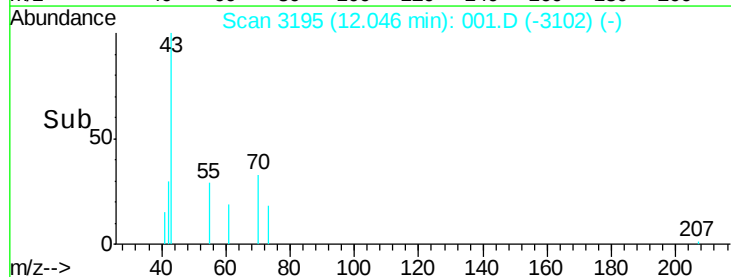
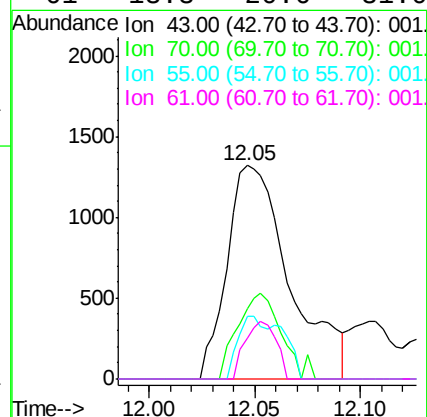
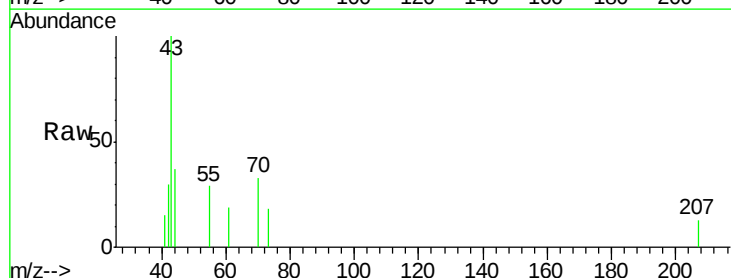
Ion Ratio Lower Upper

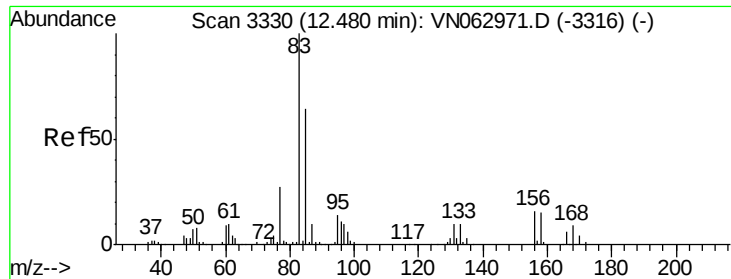
43 100

70 27.9 38.4 57.6#

55 20.8 21.9 32.9#

61 13.3 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.364 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

BFB

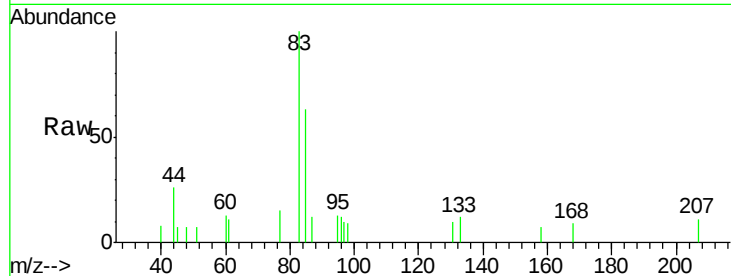
Tgt Ion: 83 Resp: 4103

Ion Ratio Lower Upper

83 100

131 7.2 5.3 16.1

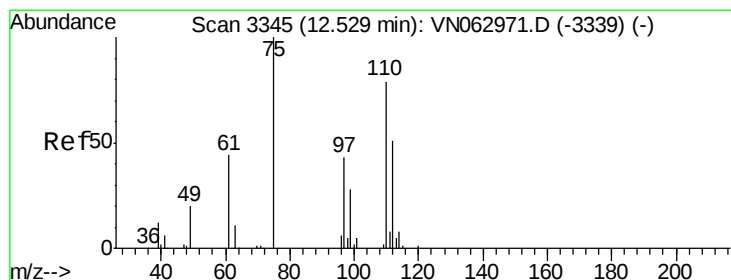
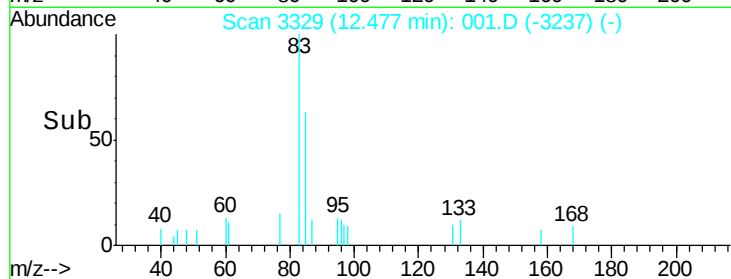
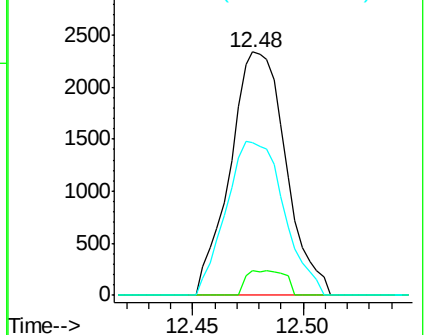
85 65.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): 001

Ion 130.80 (130.50 to 131.50): 0

Ion 84.90 (84.60 to 85.60): 001



#76

1,2,3-Trichloropropane

Concen: 1.518 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: 001.D

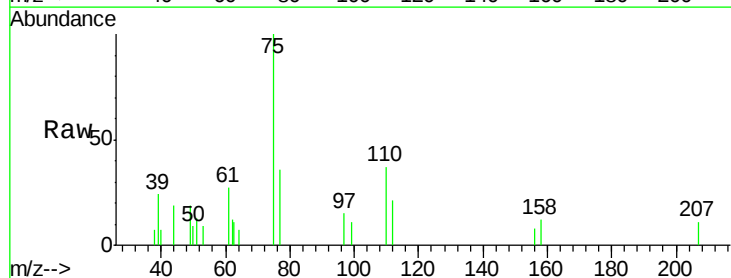
Acq: 17 Aug 2020 13:26

Tgt Ion: 75 Resp: 4557

Ion Ratio Lower Upper

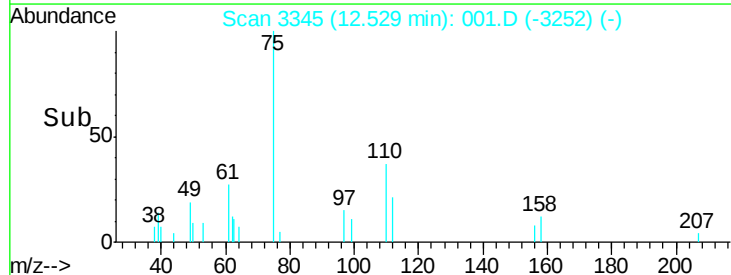
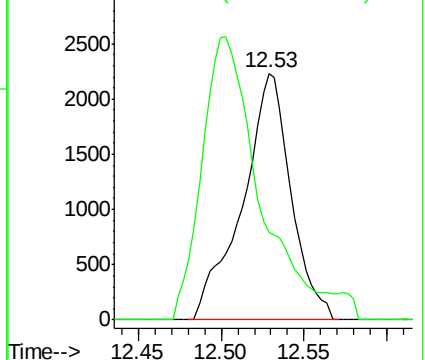
75 100

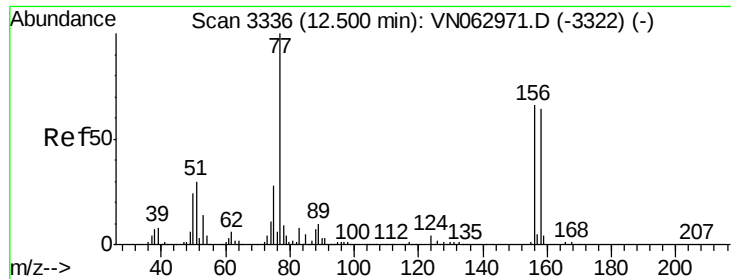
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): 001

Ion 77.00 (76.70 to 77.70): 001





#77

Bromobenzene

Concen: 1.232 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

BFB

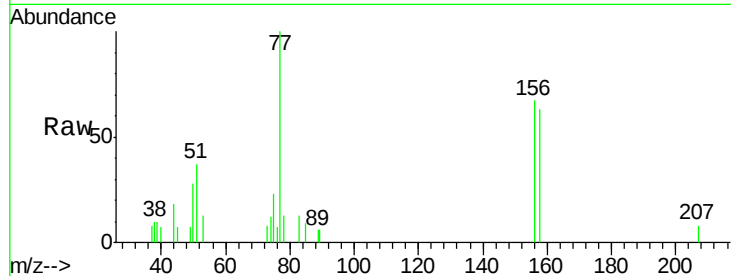
Tgt Ion:156 Resp: 2685

Ion Ratio Lower Upper

156 100

77 232.7 92.4 277.2

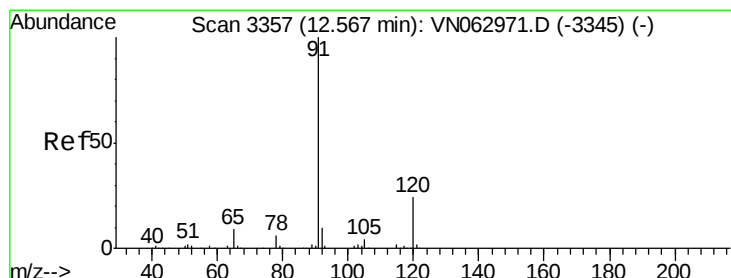
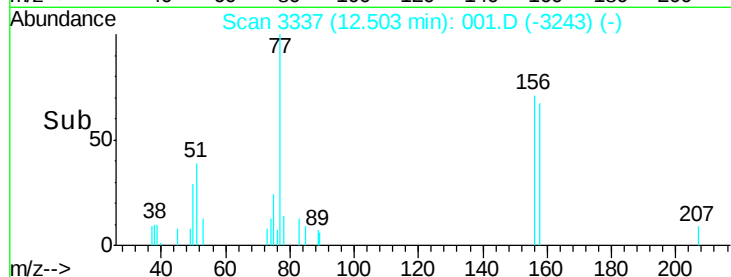
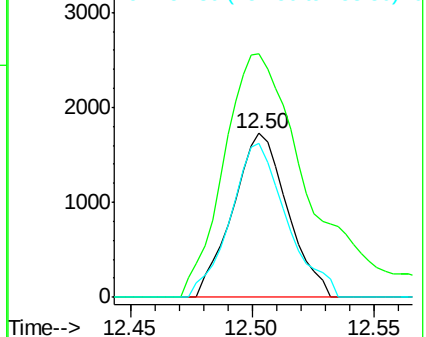
158 96.4 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): 0

Ion 77.00 (76.70 to 77.70): 001

Ion 157.80 (157.50 to 158.50): 0



#78

n-propylbenzene

Concen: 1.048 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: 001.D

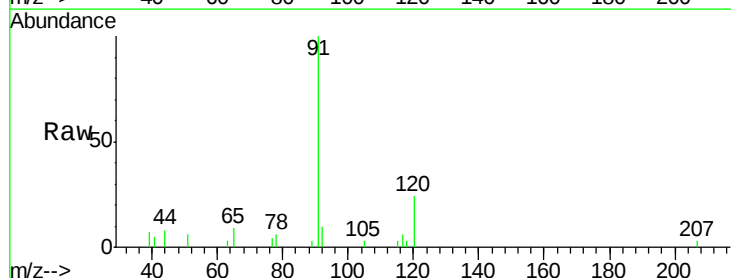
Acq: 17 Aug 2020 13:26

Tgt Ion: 91 Resp: 10482

Ion Ratio Lower Upper

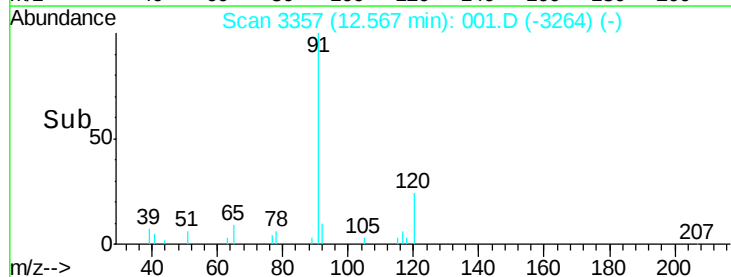
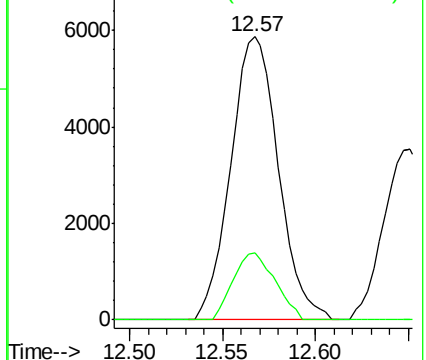
91 100

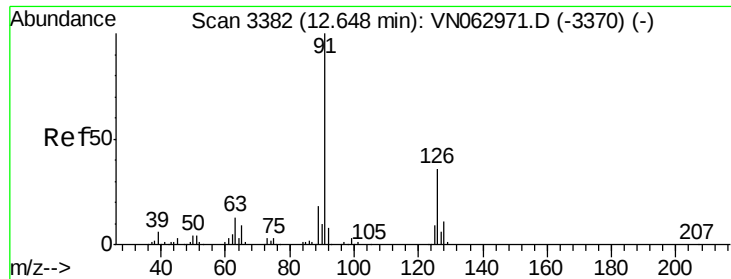
120 20.9 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): 001

Ion 120.00 (119.70 to 120.70): 0





#79

2-Chlorotoluene

Concen: 0.994 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

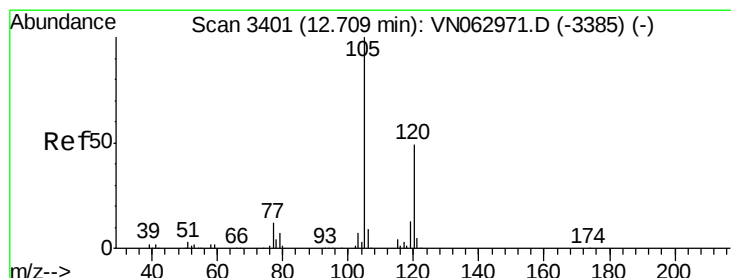
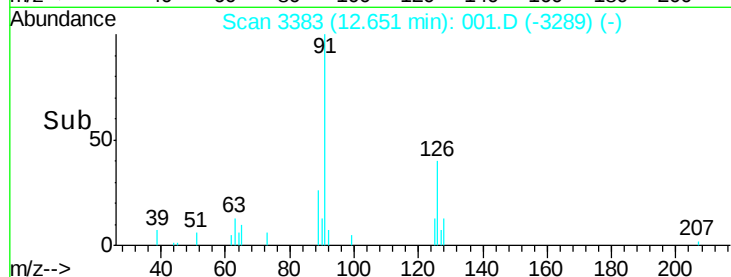
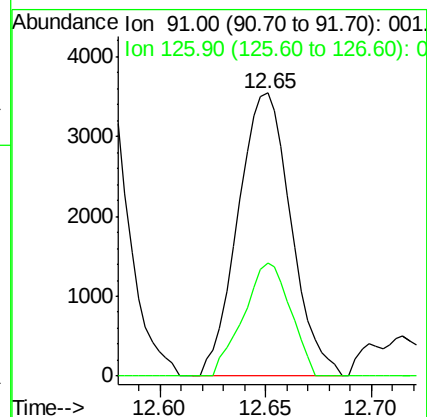
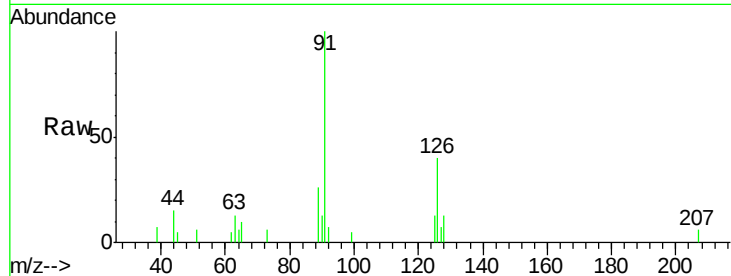
BFB

Tgt Ion: 91 Resp: 6202

Ion Ratio Lower Upper

91 100

126 35.3 18.1 54.3



#80

1,3,5-Trimethylbenzene

Concen: 0.824 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: 001.D

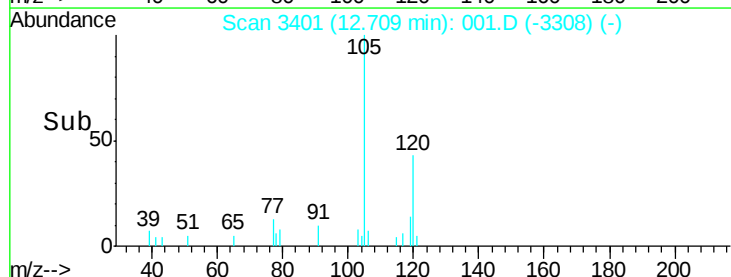
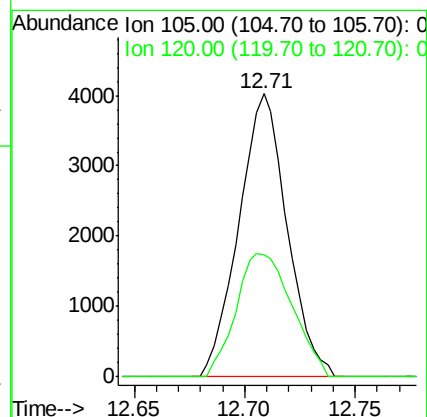
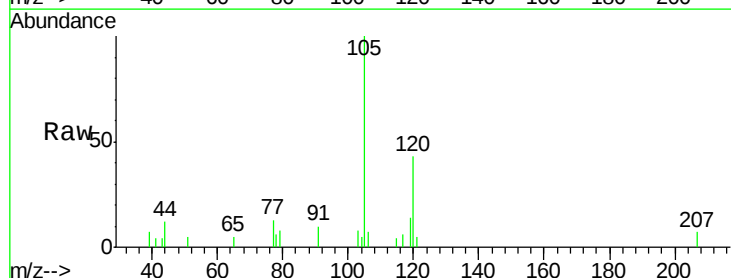
Acq: 17 Aug 2020 13:26

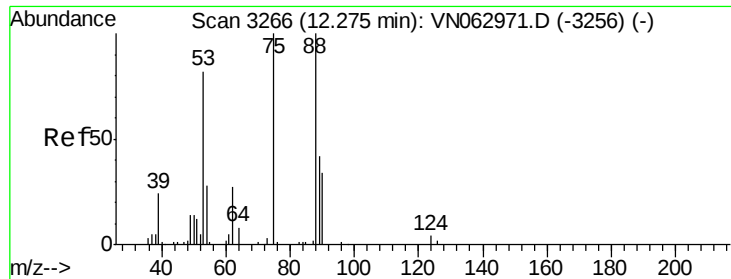
Tgt Ion: 105 Resp: 6102

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.7

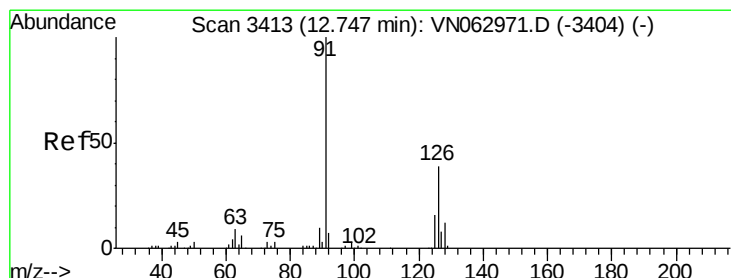
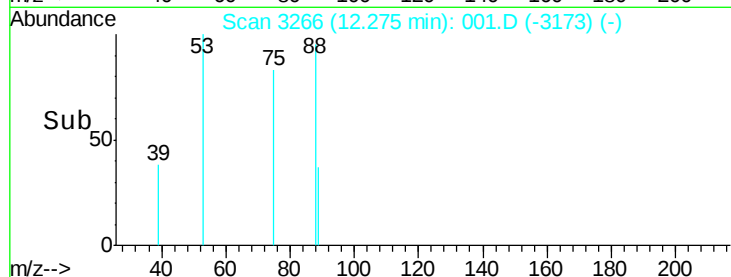
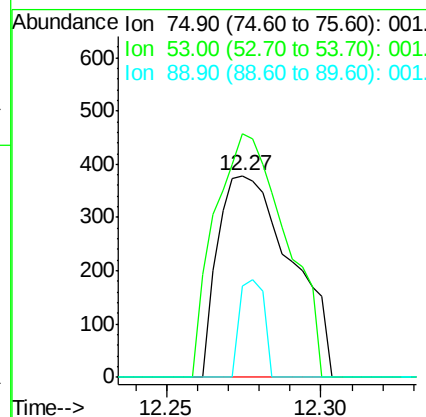
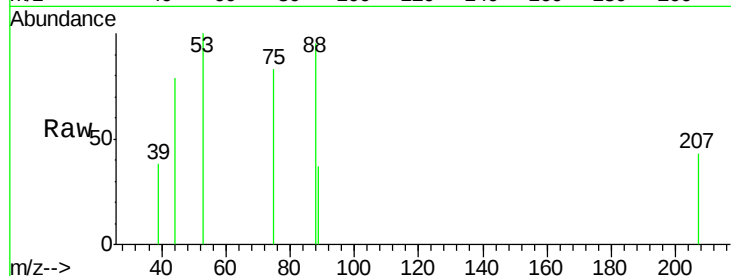




#81
trans-1,4-Dichloro-2-butene
Concen: 0.641 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

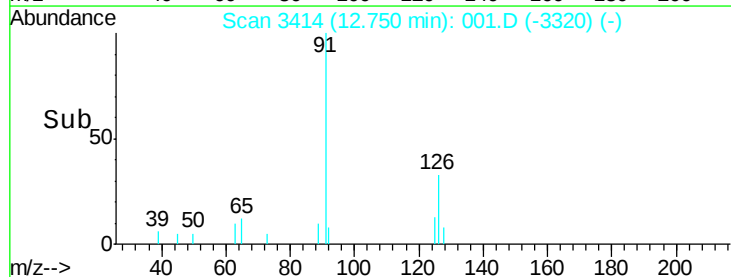
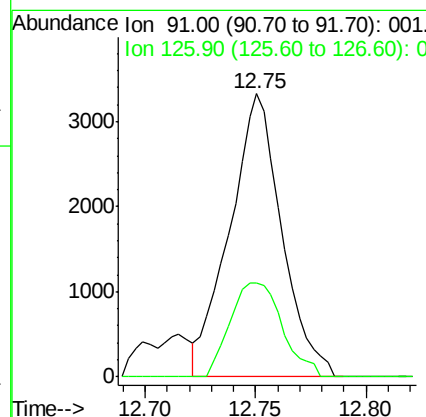
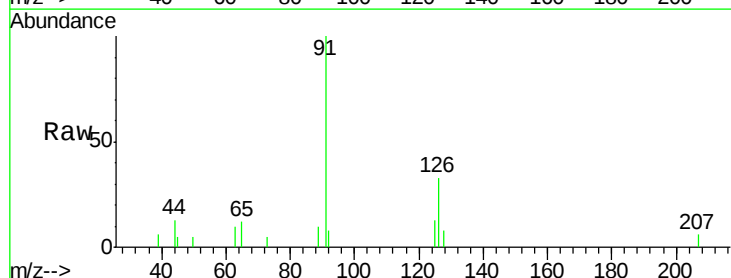
Instrument :
MSVOA_N
ClientSampled :
BFB

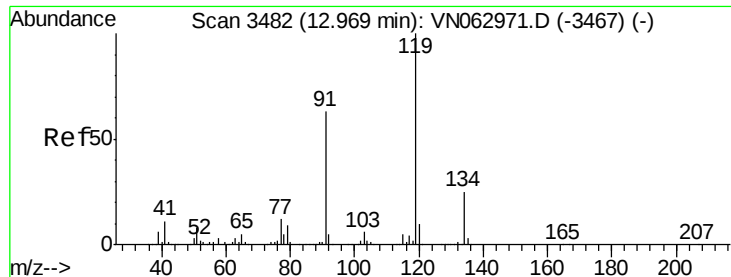
Tgt Ion: 75 Resp: 625
Ion Ratio Lower Upper
75 100
53 116.5 66.2 99.2#
89 16.0 35.0 52.4#



#82
4-Chlorotoluene
Concen: 0.845 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 91 Resp: 5448
Ion Ratio Lower Upper
91 100
126 33.2 17.6 52.8

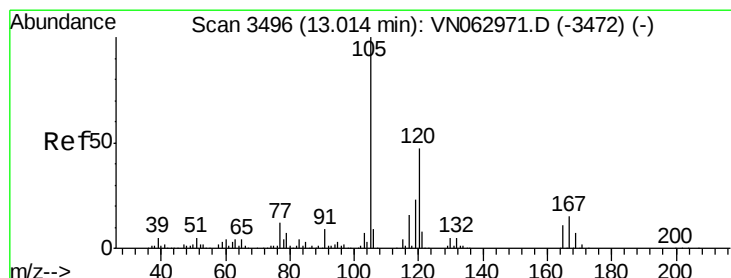
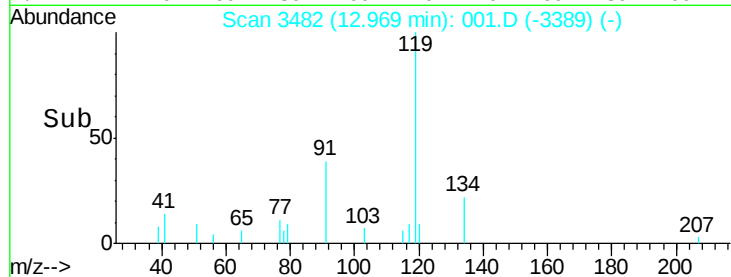
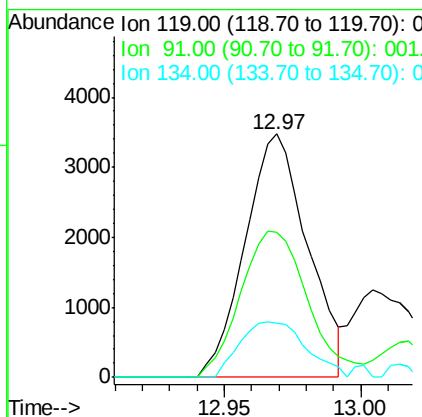
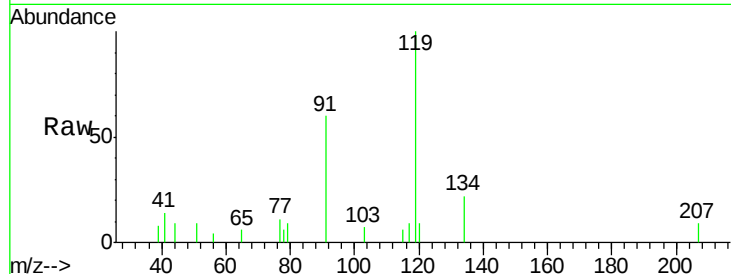




#83
 tert-Butylbenzene
 Concen: 0.879 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

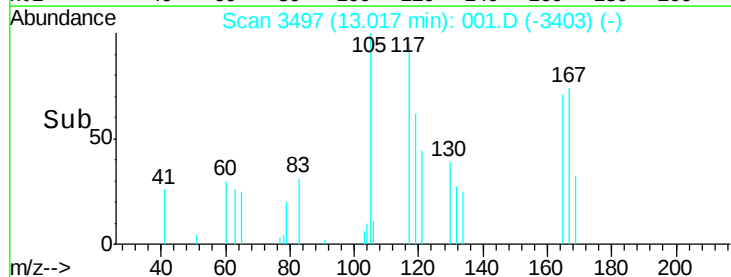
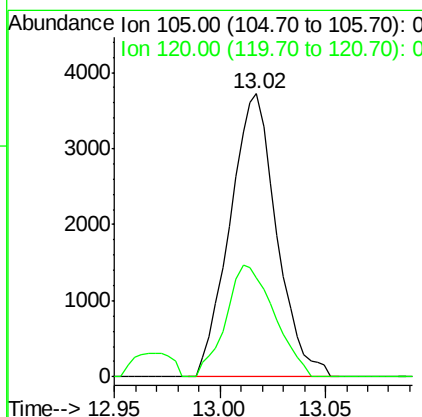
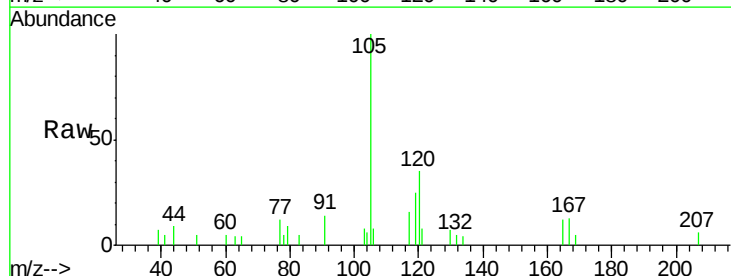
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

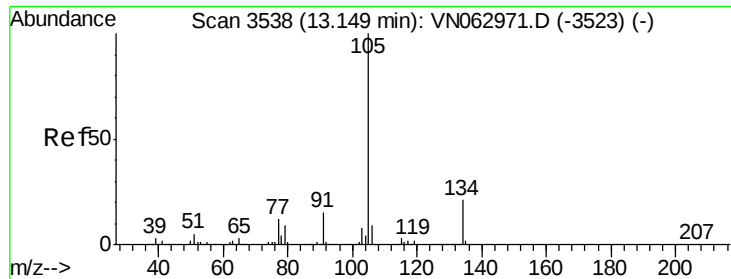
Tgt Ion:119 Resp: 5534
 Ion Ratio Lower Upper
 119 100
 91 64.9 31.0 93.0
 134 24.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.807 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion:105 Resp: 5717
 Ion Ratio Lower Upper
 105 100
 120 40.8 23.2 69.6

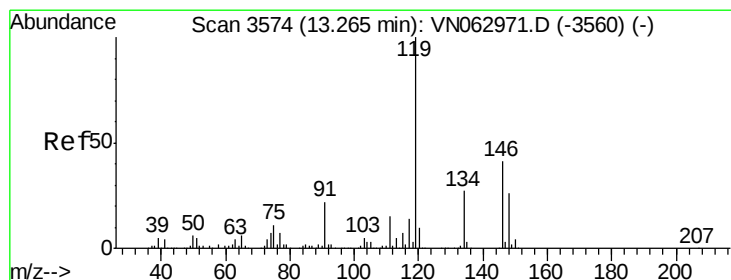
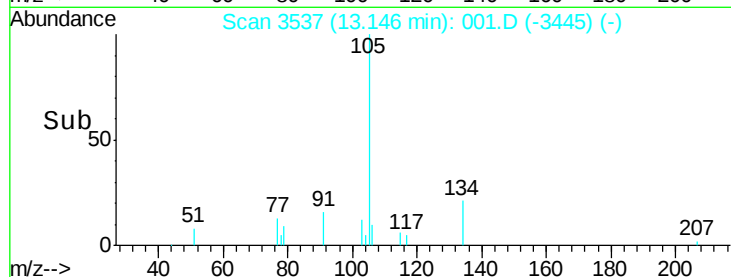
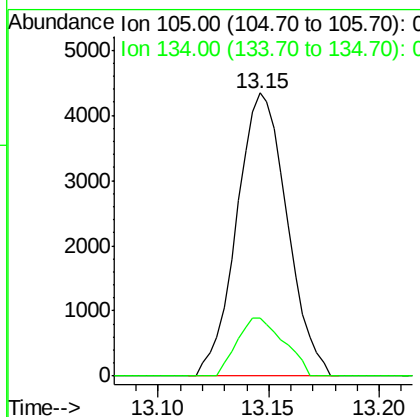
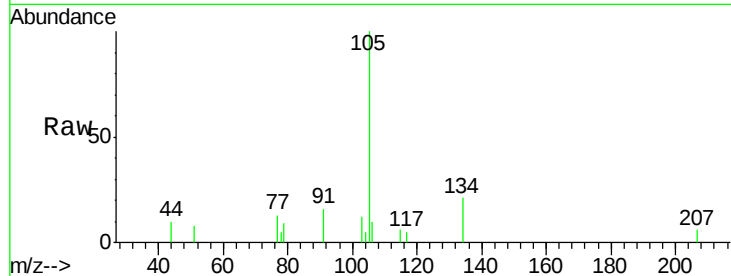




#85
 sec-Butylbenzene
 Concen: 0.834 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

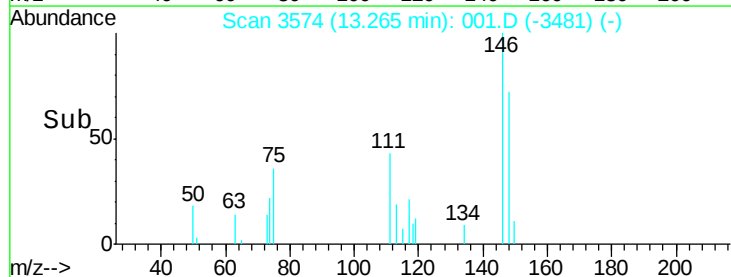
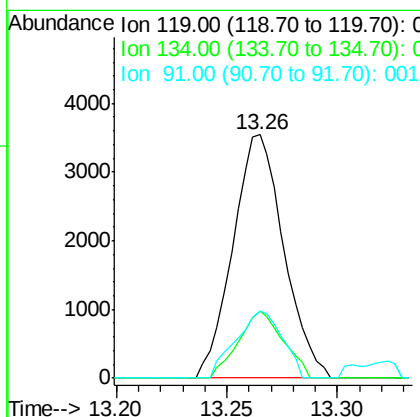
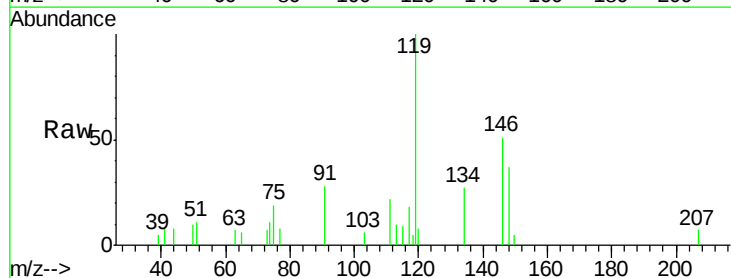
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

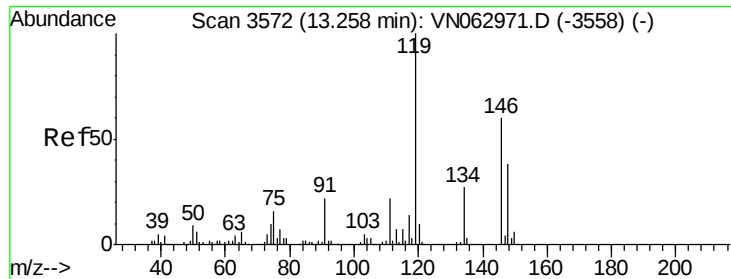
Tgt Ion:105 Resp: 6881
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.773 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion:119 Resp: 5670
 Ion Ratio Lower Upper
 119 100
 134 24.2 13.6 40.7
 91 25.0 11.1 33.1

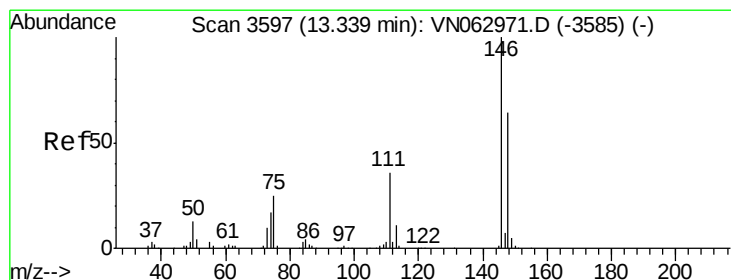
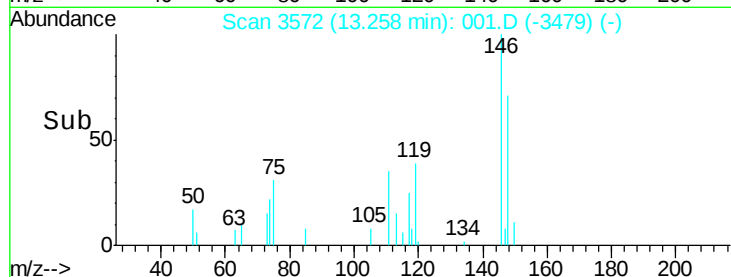
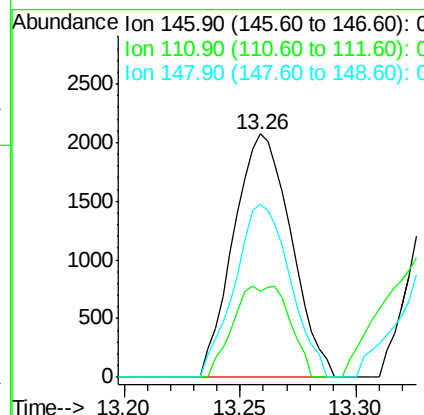
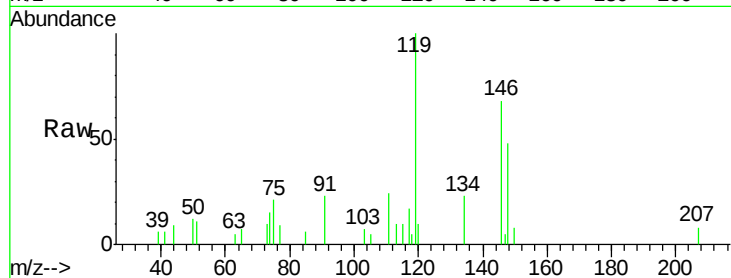




#87
 1,3-Dichlorobenzene
 Concen: 0.925 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

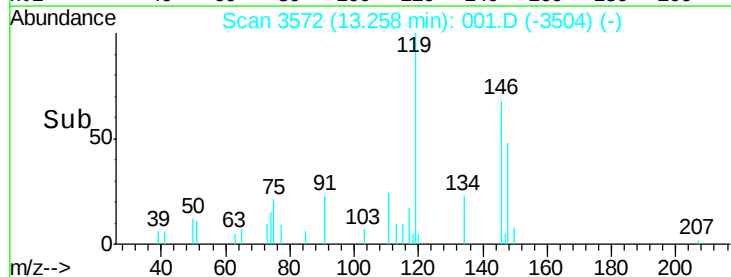
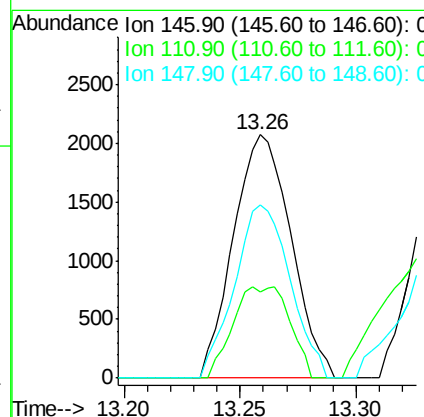
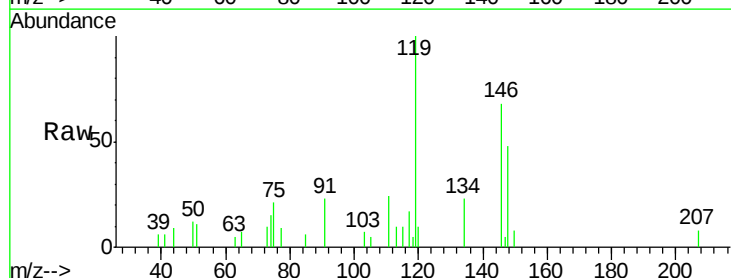
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

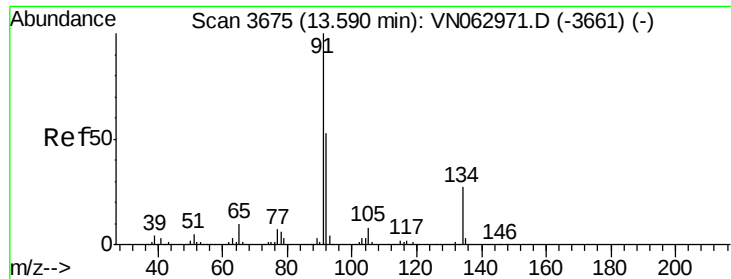
Tgt Ion:146 Resp: 3575
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.5
 148 68.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 0.920 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.08 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion:146 Resp: 3575
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.2
 148 68.6 32.1 96.5

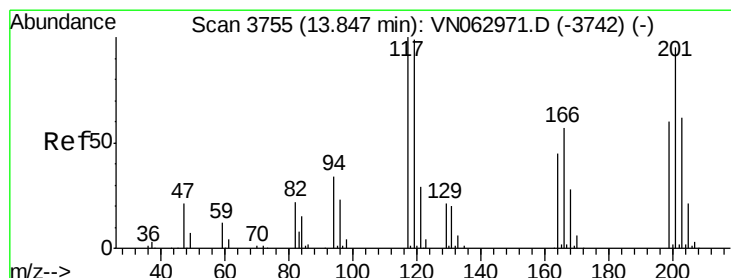
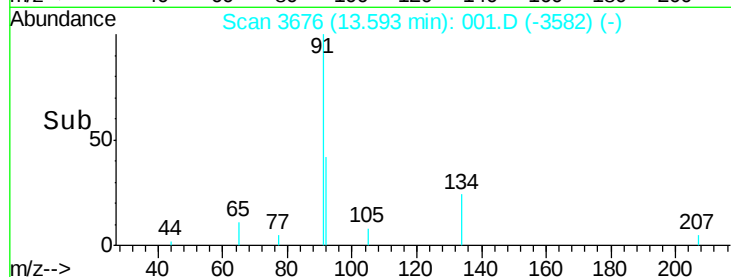
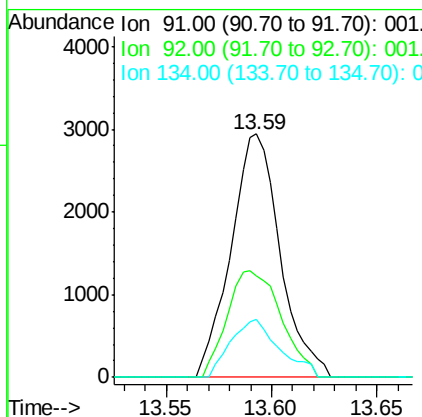
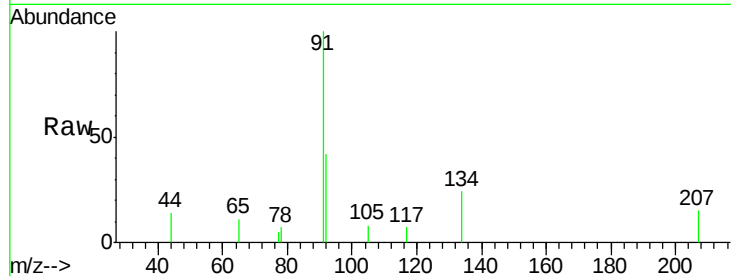




#89
n-Butylbenzene
Concen: 0.774 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

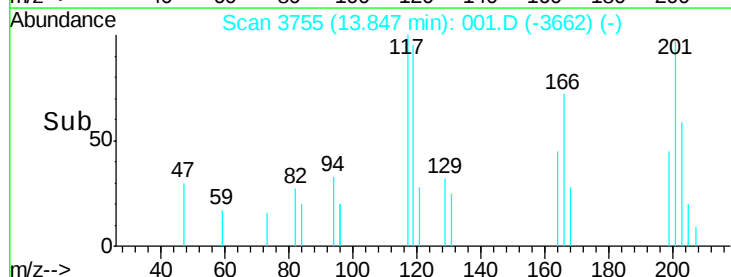
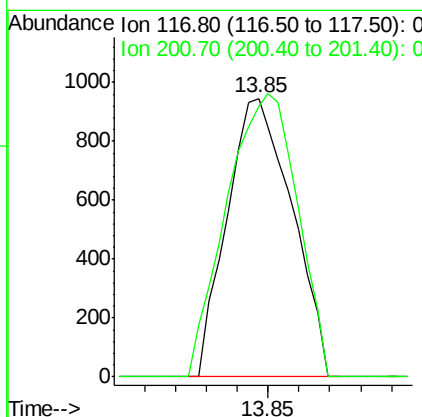
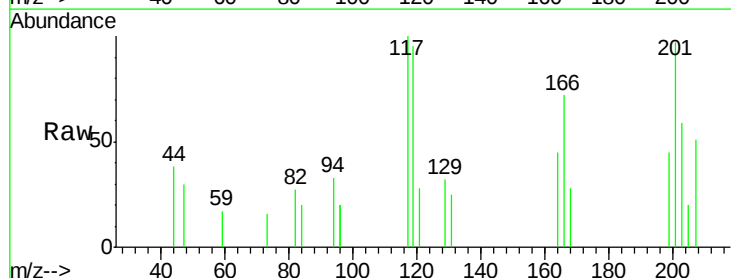
Instrument :
MSVOA_N
ClientSampleId :
BFB

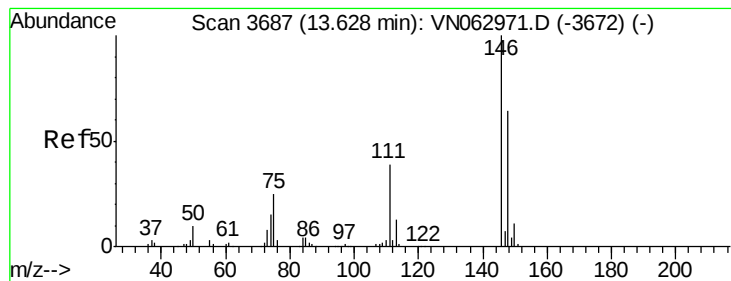
Tgt Ion: 91 Resp: 4767
Ion Ratio Lower Upper
91 100
92 47.8 26.3 78.8
134 23.5 13.4 40.2



#90
Hexachloroethane
Concen: 0.878 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion: 117 Resp: 1378
Ion Ratio Lower Upper
117 100
201 111.2 48.4 145.3





#91

1,2-Dichlorobenzene

Concen: 0.969 ug/l

RT: 13.63 min Scan# 3688

Delta R.T. 0.00 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

BFB

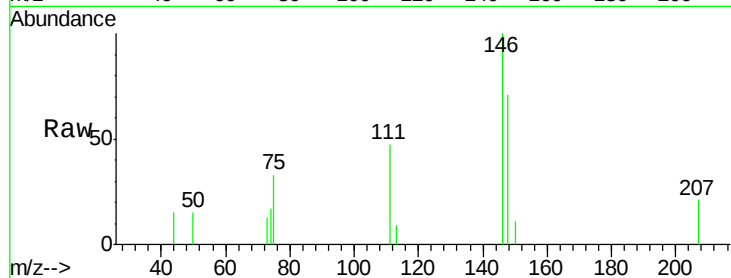
Tgt Ion:146 Resp: 3523

Ion Ratio Lower Upper

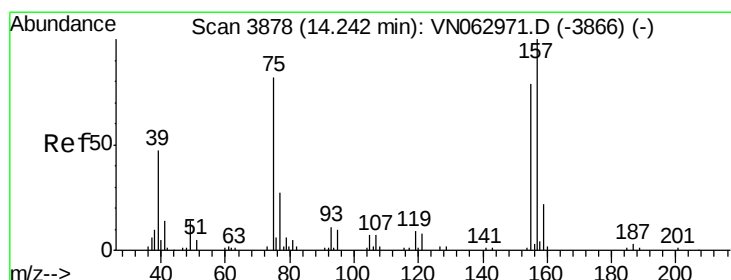
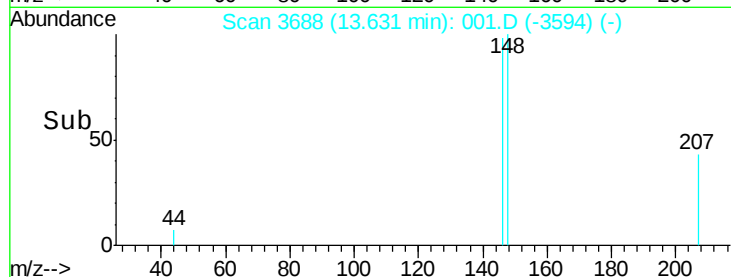
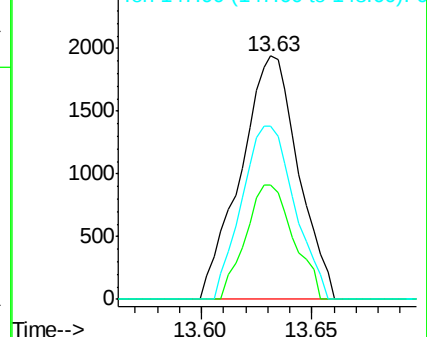
146 100

111 39.0 19.4 58.4

148 65.2 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): 0
Ion 110.90 (110.60 to 111.60): 0
Ion 147.90 (147.60 to 148.60): 0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.504 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. 0.01 min

Lab File: 001.D

Acq: 17 Aug 2020 13:26

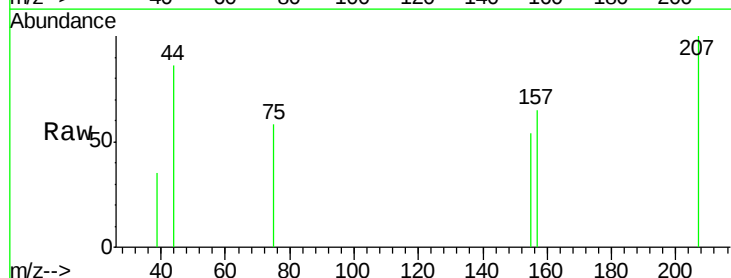
Tgt Ion: 75 Resp: 313

Ion Ratio Lower Upper

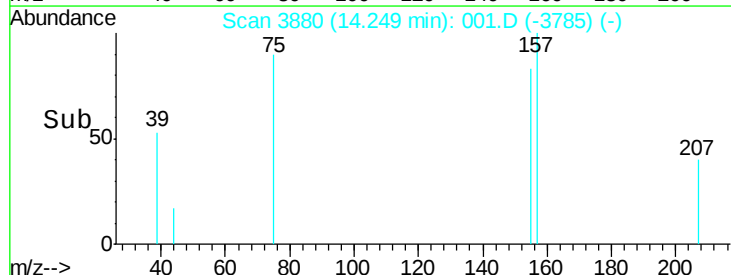
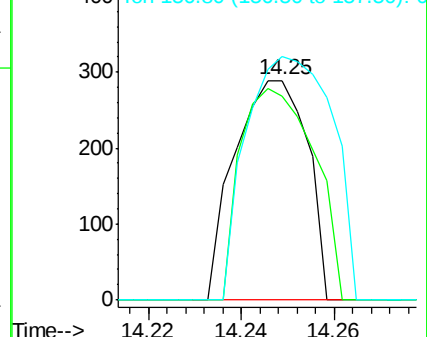
75 100

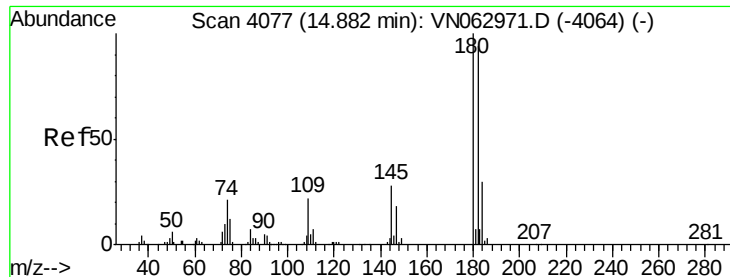
155 98.1 47.6 142.8

157 131.9 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): 001
Ion 154.80 (154.50 to 155.50): 0
Ion 156.80 (156.50 to 157.50): 0

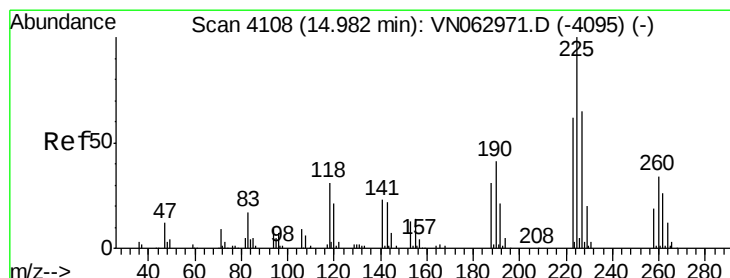
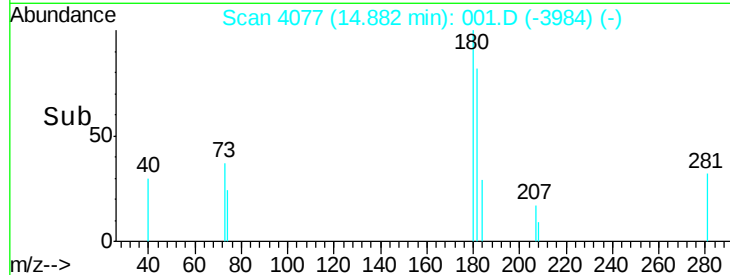
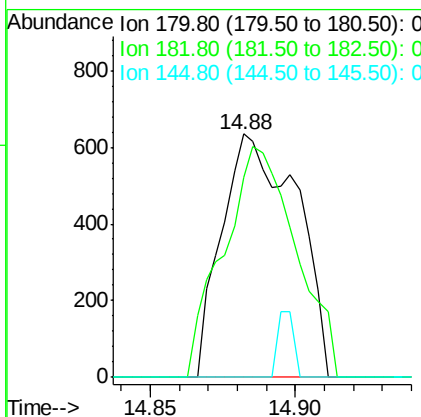
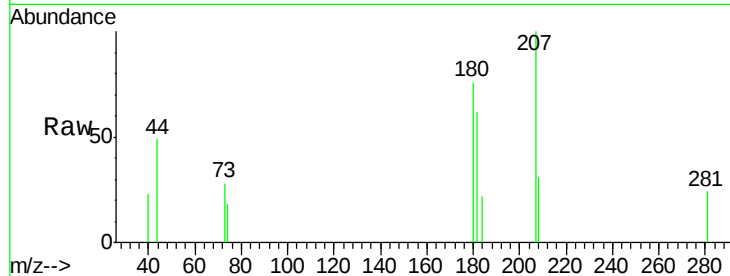




#93
 1,2,4-Trichlorobenzene
 Concen: 0.661 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

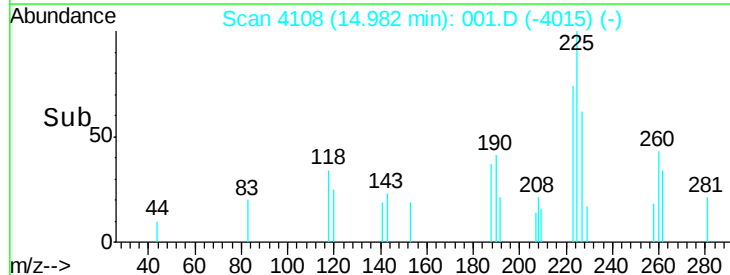
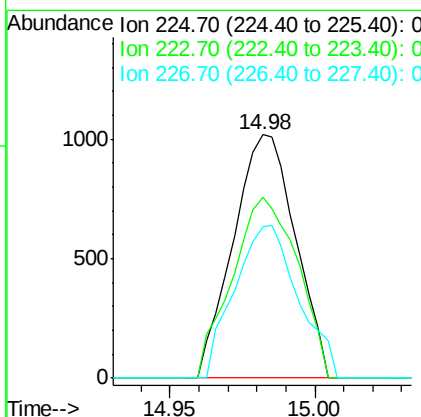
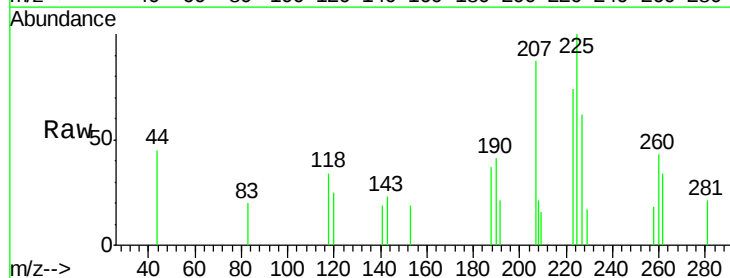
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

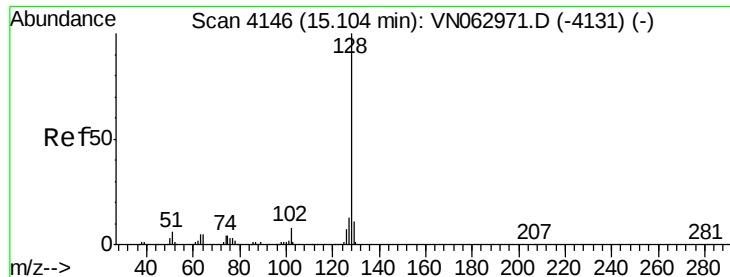
Tgt Ion:180 Resp: 1137
 Ion Ratio Lower Upper
 180 100
 182 92.1 47.8 143.3
 145 5.8 13.9 41.7#



#94
 Hexachlorobutadiene
 Concen: 1.176 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: 001.D
 Acq: 17 Aug 2020 13:26

Tgt Ion:225 Resp: 1517
 Ion Ratio Lower Upper
 225 100
 223 78.2 30.9 92.5
 227 64.1 32.0 96.0

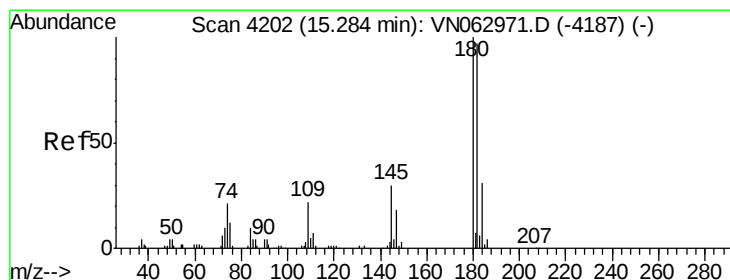
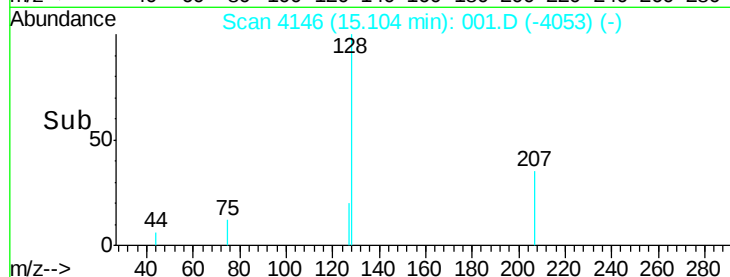
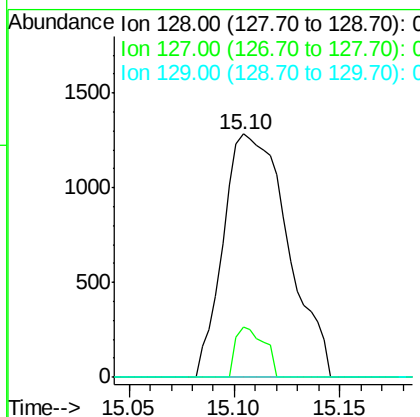
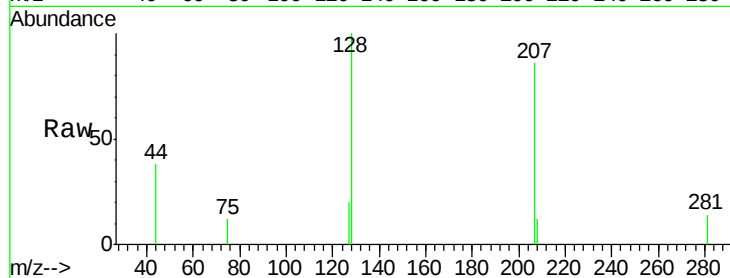




#95
Naphthalene
Concen: 0.616 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion:128 Resp: 2721
Ion Ratio Lower Upper
128 100
127 9.1 10.6 15.8#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.733 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: 001.D
Acq: 17 Aug 2020 13:26

Tgt Ion:180 Resp: 1220
Ion Ratio Lower Upper
180 100
182 103.2 49.3 147.8
145 14.1 15.0 45.0#

