

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060840.D
 Acq On : 6 Apr 2020 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Apr 07 07:01:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	339569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	314566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	139200	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.56	113	104100	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.08	98	423365	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.40	95	158863	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	91491	45.089	ug/l 100
3) Chloromethane	2.04	50	160000	42.220	ug/l 100
4) Vinyl Chloride	2.17	62	128228	43.260	ug/l 99
5) Bromomethane	2.54	94	62447	48.803	ug/l 98
6) Chloroethane	2.68	64	80096	46.909	ug/l 99
7) Trichlorofluoromethane	3.00	101	170995	46.830	ug/l 99
8) Diethyl Ether	3.38	74	72000	49.085	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	105289	49.764	ug/l 99
10) Methyl Iodide	3.93	142	86786	46.097	ug/l 100
11) Tert butyl alcohol	4.72	59	93129	219.966	ug/l 99
12) 1,1-Dichloroethene	3.71	96	103968	45.792	ug/l 96
13) Acrolein	3.57	56	106376	226.704	ug/l 99
14) Allyl chloride	4.29	41	194498	48.707	ug/l 96
15) Acrylonitrile	4.94	53	305876	245.687	ug/l 100
16) Acetone	3.77	43	401133	393.374	ug/l 100
17) Carbon Disulfide	4.03	76	300342	43.495	ug/l 100
18) Methyl Acetate	4.28	43	149746	52.172	ug/l 100
19) Methyl tert-butyl Ether	5.00	73	378060	48.431	ug/l 98
20) Methylene Chloride	4.52	84	118936	47.414	ug/l 99
21) trans-1,2-Dichloroethene	5.00	96	114181	47.186	ug/l 97
22) Diisopropyl ether	5.91	45	430479	51.026	ug/l 98
23) Vinyl Acetate	5.85	43	1756475	255.172	ug/l 99
24) 1,1-Dichloroethane	5.81	63	228650	49.716	ug/l 99
25) 2-Butanone	6.79	43	482157	292.200	ug/l 98
26) 2,2-Dichloropropane	6.79	77	196694	54.357	ug/l 100
27) cis-1,2-Dichloroethene	6.80	96	132729	48.268	ug/l 98
28) Bromochloromethane	7.17	49	111213	50.541	ug/l 98
29) Tetrahydrofuran	7.17	42	273533	234.288	ug/l 99
30) Chloroform	7.34	83	215356	48.844	ug/l 99
31) Cyclohexane	7.63	56	212042	45.732	ug/l 98
32) 1,1,1-Trichloroethane	7.54	97	184833	48.629	ug/l 99
36) 1,1-Dichloropropene	7.77	75	166197	50.545	ug/l 99
37) Ethyl Acetate	6.89	43	176556	49.694	ug/l 99
38) Carbon Tetrachloride	7.75	117	148940	50.540	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	205140	52.499	ug/l	98
40) Benzene	8.02	78	498494	50.221	ug/l	100
41) Methacrylonitrile	7.17	41	249879	164.800	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	171936	50.686	ug/l	100
43) Isopropyl Acetate	8.14	43	297700	50.808	ug/l	100
44) Trichloroethene	8.82	130	127196	50.833	ug/l	99
45) 1,2-Dichloropropane	9.10	63	137173	52.374	ug/l	100
46) Dibromomethane	9.19	93	80806	51.033	ug/l	100
47) Bromodichloromethane	9.38	83	169587	51.541	ug/l	100
48) Methyl methacrylate	9.18	41	131881	50.554	ug/l	99
49) 1,4-Dioxane	9.18	88	29136	939.632	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	864443	259.265	ug/l	100
52) Toluene	10.14	92	306250	51.088	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	201982	53.441	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	218939	52.803	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	118509	51.387	ug/l	98
56) Ethyl methacrylate	10.42	69	192316	53.482	ug/l	99
57) 1,3-Dichloropropane	10.70	76	205931	51.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	489031	273.629	ug/l	100
59) 2-Hexanone	10.74	43	676763	281.772	ug/l	100
60) Dibromochloromethane	10.89	129	125237	52.572	ug/l	100
61) 1,2-Dibromoethane	10.99	107	119455	51.511	ug/l	100
64) Tetrachloroethene	10.62	164	121414	49.049	ug/l	99
65) Chlorobenzene	11.42	112	312817	50.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	115190	51.018	ug/l	98
67) Ethyl Benzene	11.50	91	596508	51.438	ug/l	100
68) m/p-Xylenes	11.61	106	437916	101.619	ug/l	99
69) o-Xylene	11.94	106	210418	51.149	ug/l	100
70) Styrene	11.96	104	350649	52.117	ug/l	100
71) Bromoform	12.12	173	89856	47.955	ug/l #	100
73) Isopropylbenzene	12.24	105	568824	49.234	ug/l	100
74) N-amyl acetate	12.06	43	262021	49.080	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	167730	48.007	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	234864	70.701	ug/l #	100
77) Bromobenzene	12.52	156	135040	48.506	ug/l	99
78) n-propylbenzene	12.59	91	681938	49.960	ug/l	99
79) 2-Chlorotoluene	12.67	91	394543	48.377	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	484979	49.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	64667	49.996	ug/l	98
82) 4-Chlorotoluene	12.77	91	414630	49.917	ug/l	99
83) tert-Butylbenzene	12.99	119	403902	49.695	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	486329	50.139	ug/l	99
85) sec-Butylbenzene	13.17	105	563736	51.580	ug/l	100
86) p-Isopropyltoluene	13.28	119	508629	51.753	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	246830	50.270	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	246602	49.989	ug/l	100
89) n-Butylbenzene	13.61	91	485900	54.761	ug/l	100
90) Hexachloroethane	13.87	117	77822	54.475	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	235831	50.230	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33445	45.679	ug/l	99

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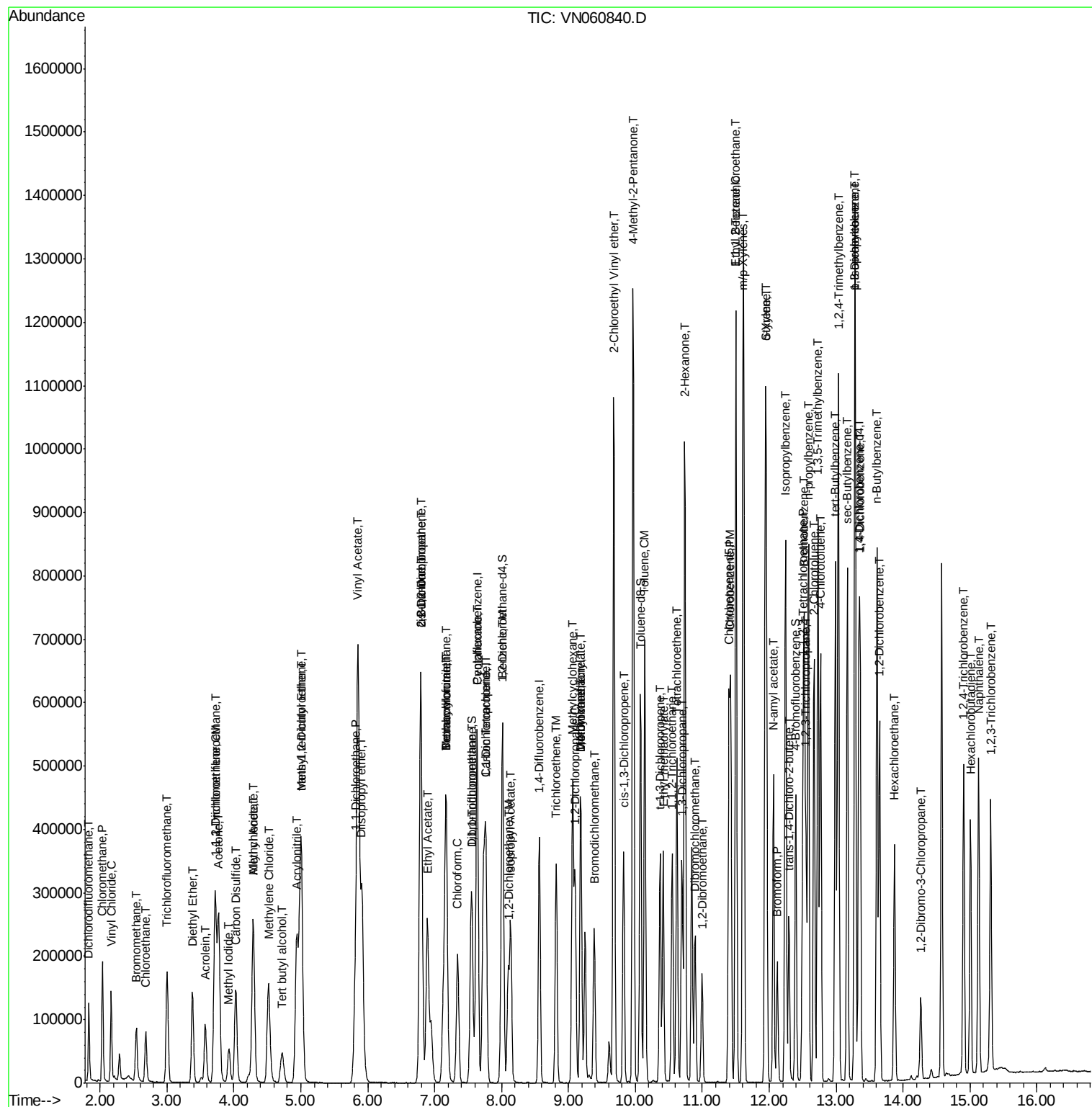
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	155905	54.074	ug/l	98
94) Hexachlorobutadiene	15.01	225	79453	56.214	ug/l	99
95) Naphthalene	15.13	128	423660	48.854	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	144330	50.823	ug/l	100

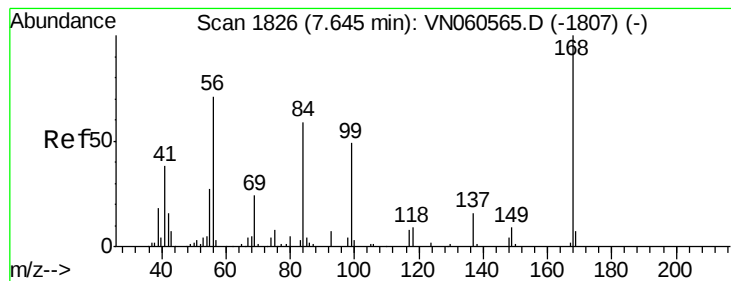
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

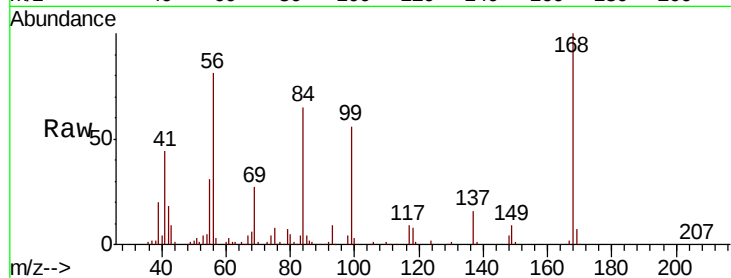
BFB

Tot Ion:168 Resp: 209706

Ion Ratio Lower Upper

168 100

99 56.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

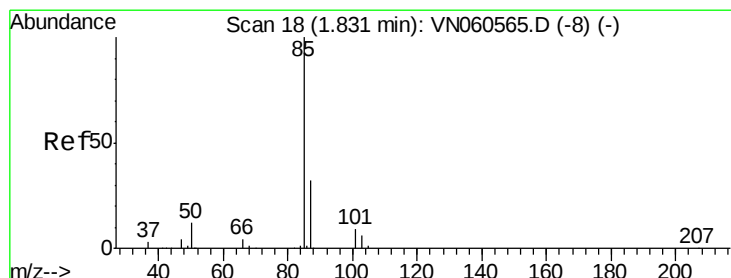
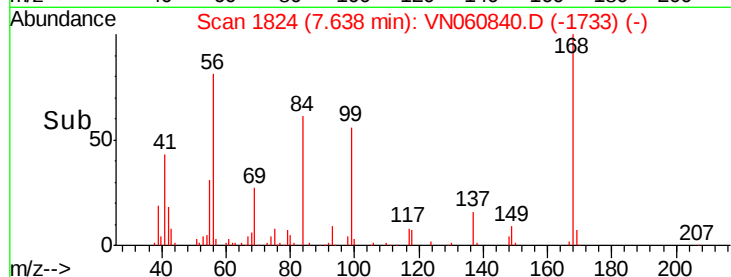
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.089 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060840.D

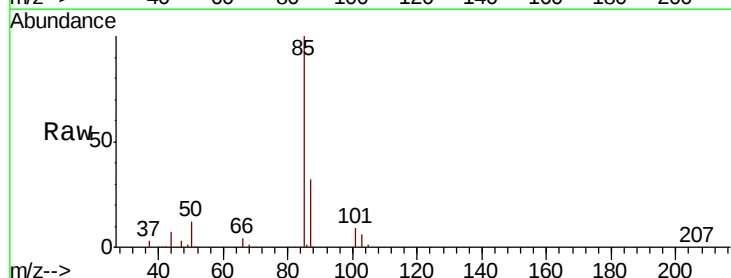
Acq: 6 Apr 2020 10:24

Tgt Ion: 85 Resp: 91491

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

80000

60000

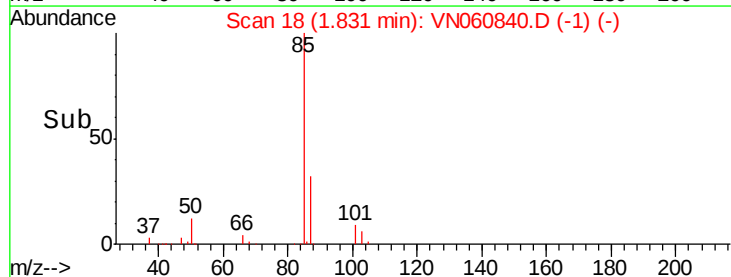
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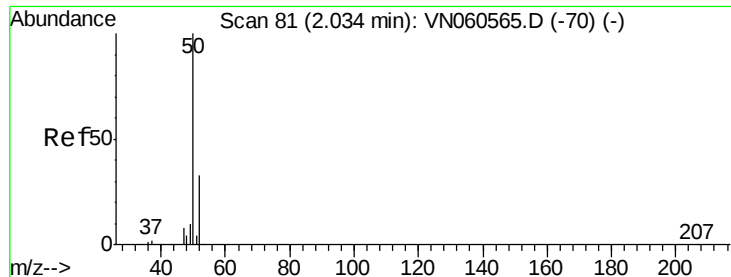
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 42.220 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

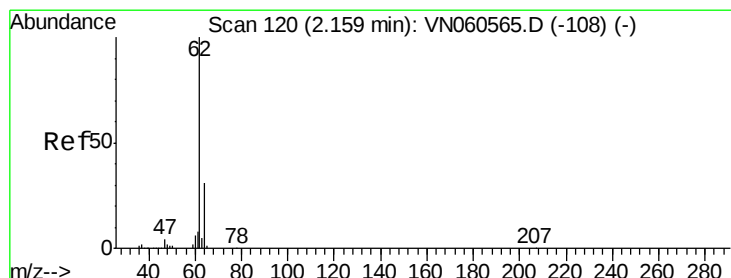
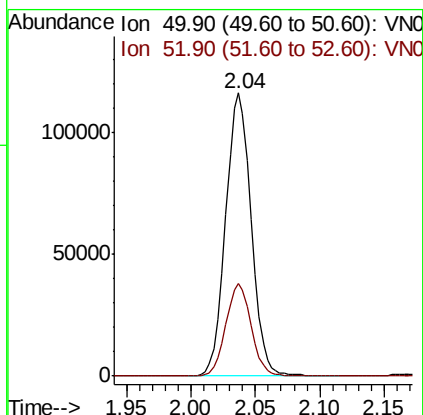
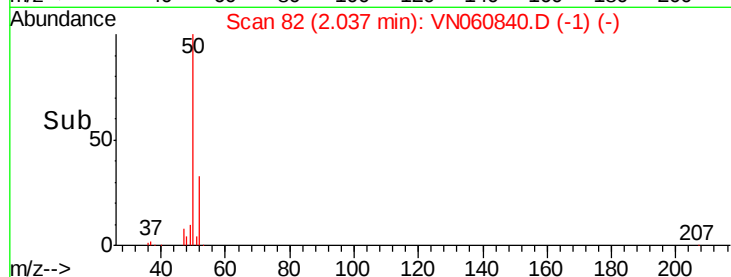
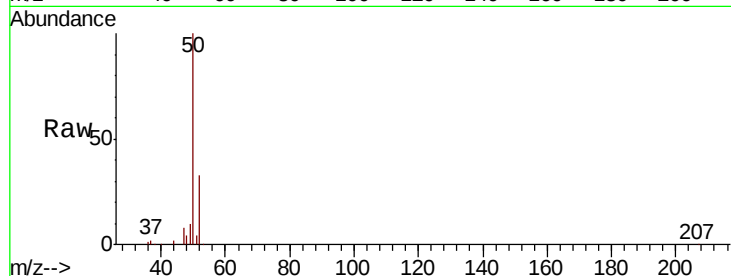
BFB

Tot Ion: 50 Resp: 160000

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.2



#4

Vinyl Chloride

Concen: 43.260 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060840.D

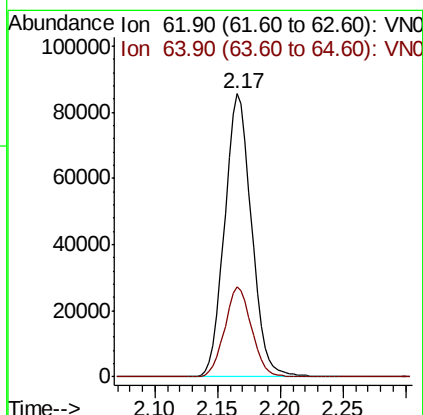
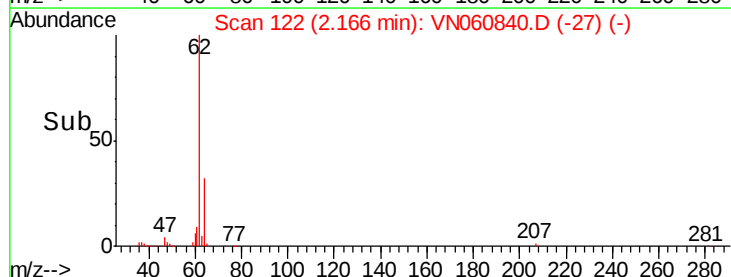
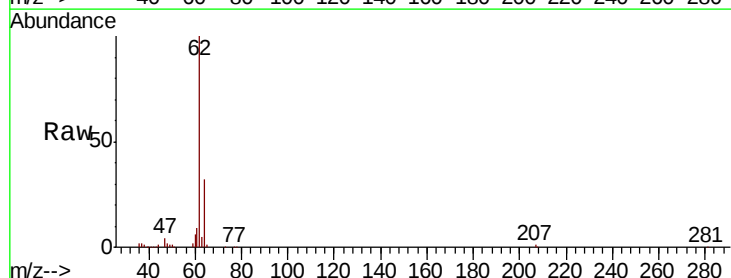
Acq: 6 Apr 2020 10:24

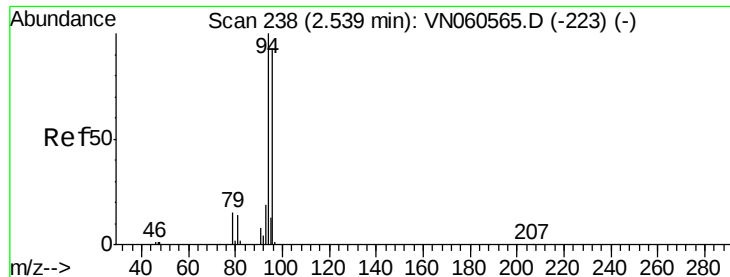
Tgt Ion: 62 Resp: 128228

Ion Ratio Lower Upper

62 100

64 31.7 24.7 37.1





#5

Bromomethane

Concen: 48.803 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

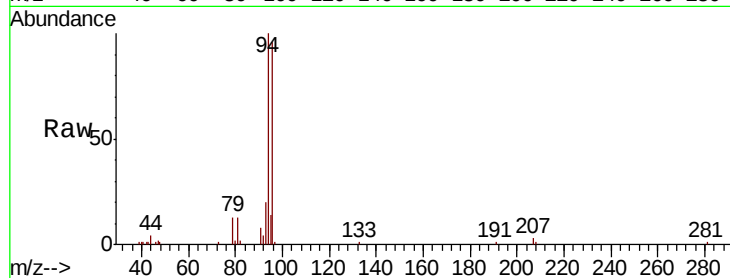
BFB

Tot Ion: 94 Resp: 62447

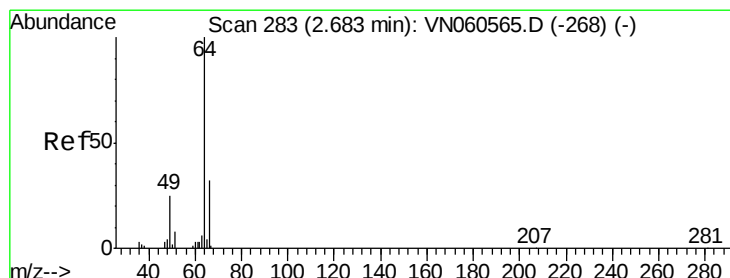
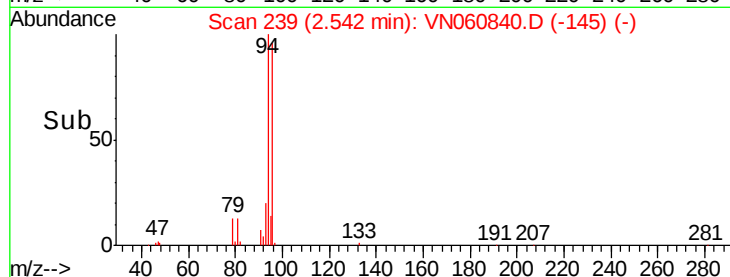
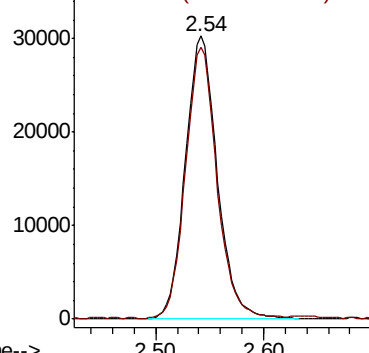
Ion Ratio Lower Upper

94 100

96 95.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 46.909 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060840.D

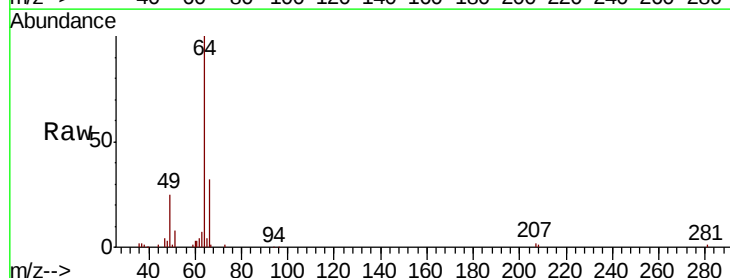
Acq: 6 Apr 2020 10:24

Tgt Ion: 64 Resp: 80096

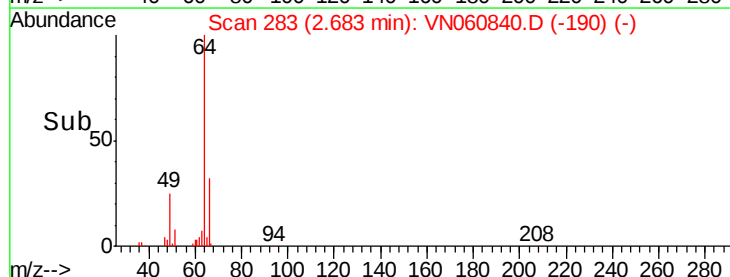
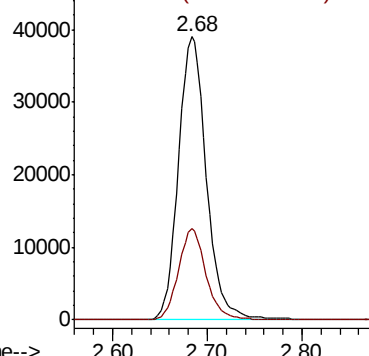
Ion Ratio Lower Upper

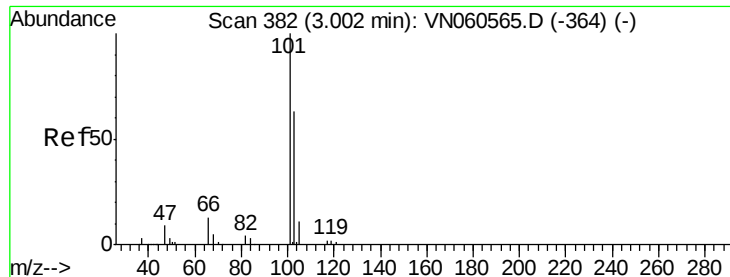
64 100

66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



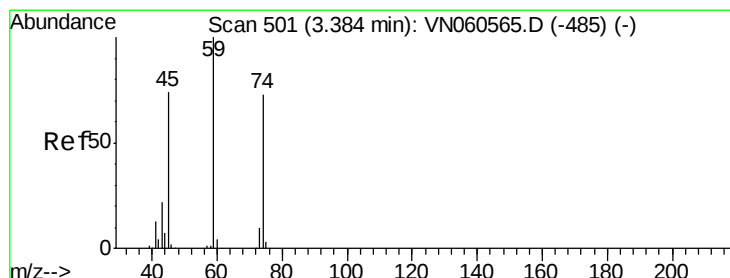
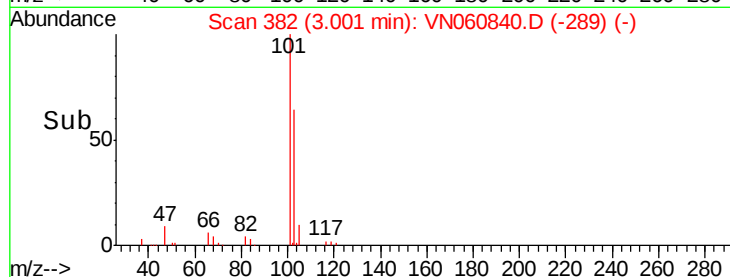
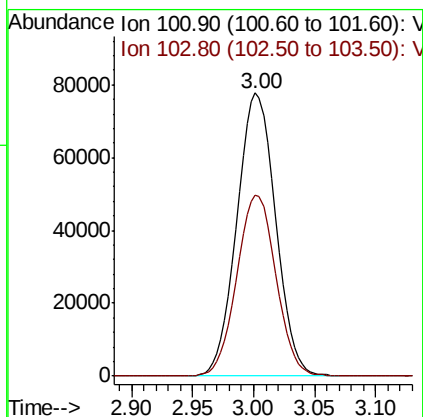
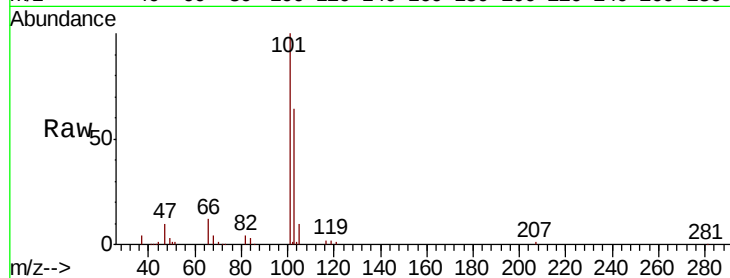


#7

Trichlorofluoromethane
 Concen: 46.830 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

Instrument :
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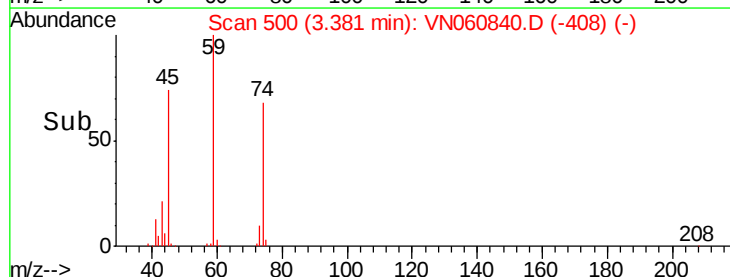
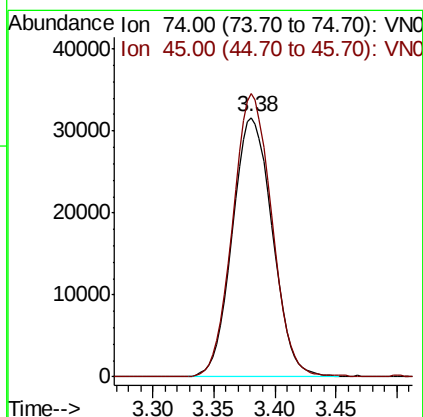
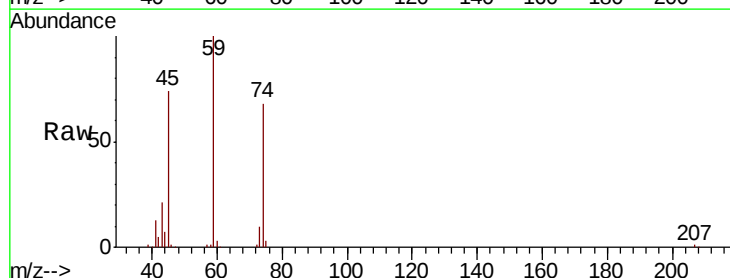
Tot Ion:101 Resp: 170995
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.6 76.0

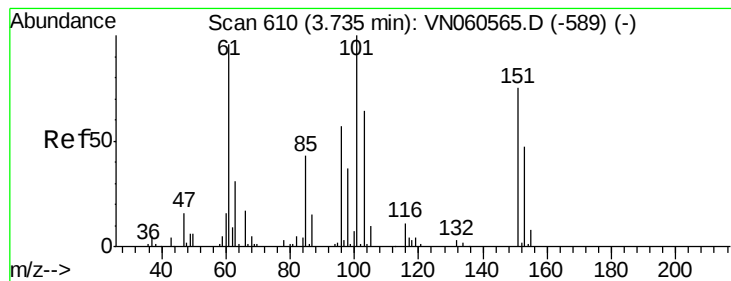


#8

Diethyl Ether
 Concen: 49.085 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

Tgt Ion: 74 Resp: 72000
 Ion Ratio Lower Upper
 74 100
 45 106.4 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.764 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

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ClientSampleId :

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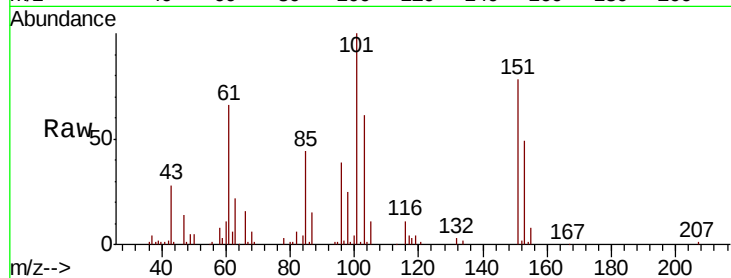
Tot Ion:101 Resp: 105289

Ion Ratio Lower Upper

101 100

85 43.8 35.6 53.4

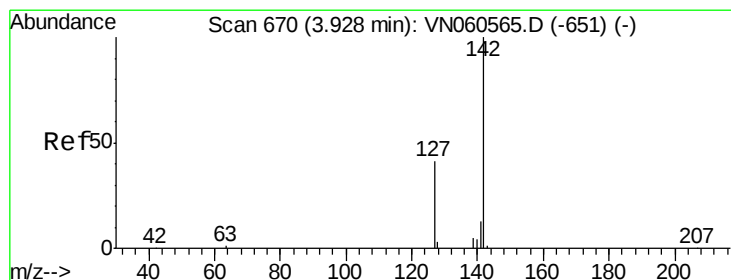
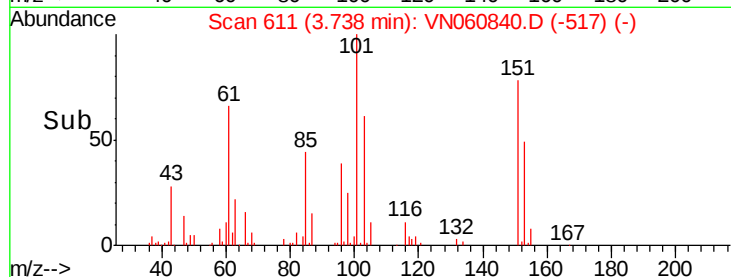
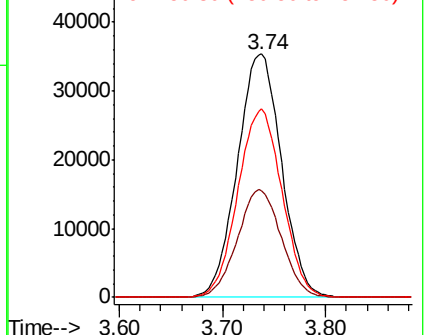
151 77.3 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.097 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

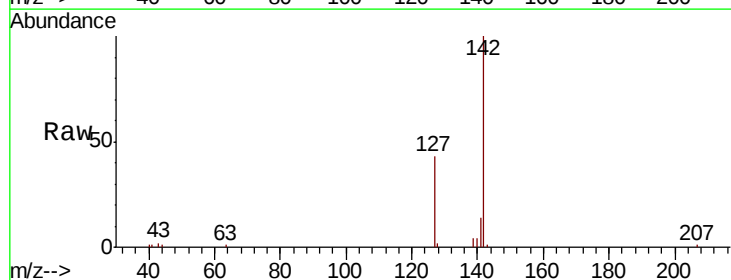
Tgt Ion:142 Resp: 86786

Ion Ratio Lower Upper

142 100

127 41.7 33.5 50.3

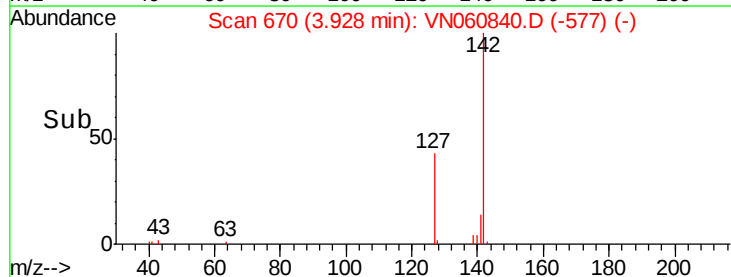
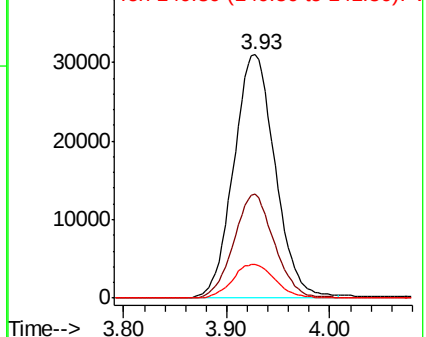
141 14.1 11.0 16.6

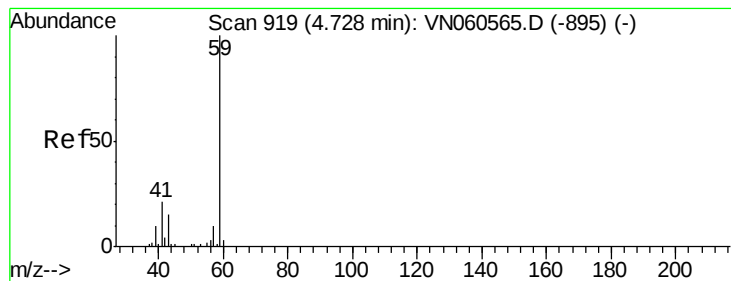


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



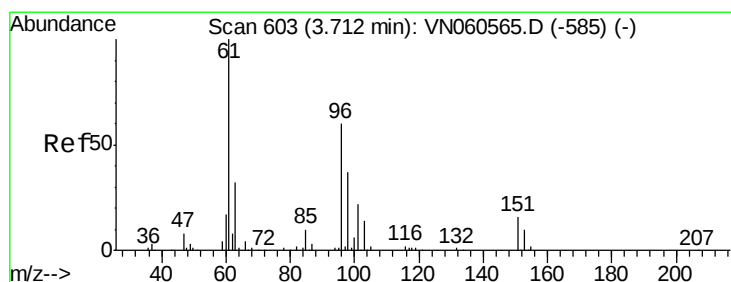
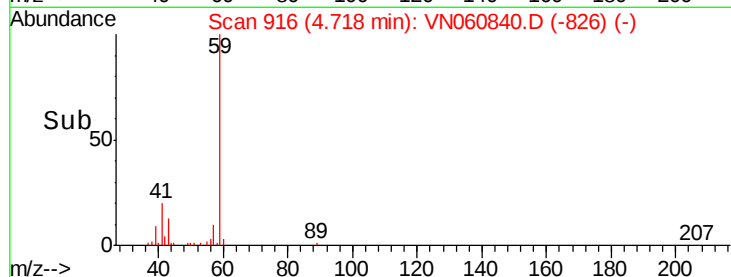
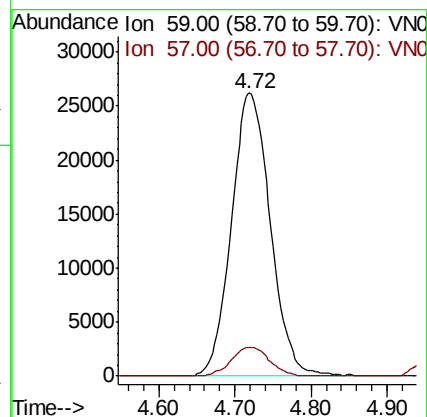
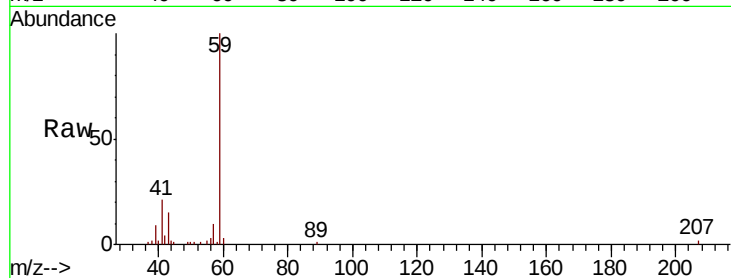


#11

Tert butyl alcohol
Concen: 219.966 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Instrument :
MSVOA_N
ClientSampled :
BFB

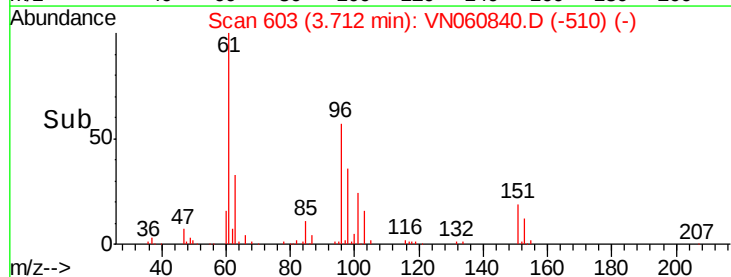
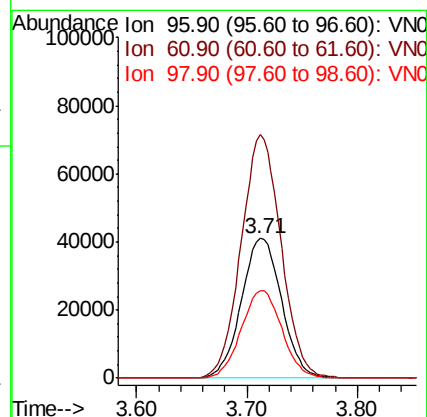
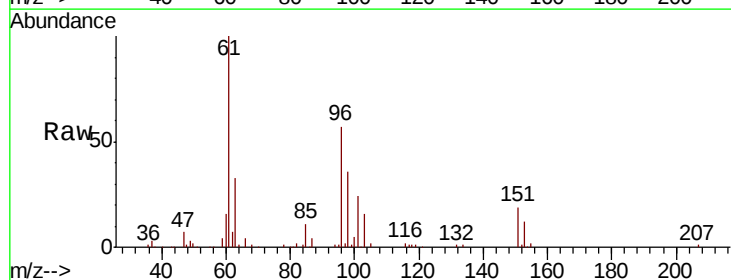
Tot Ion: 59 Resp: 93129
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

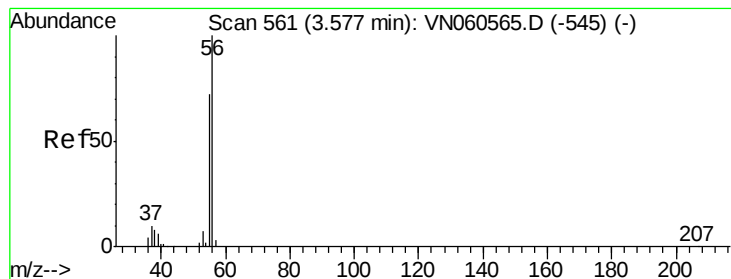


#12

1,1-Dichloroethene
Concen: 45.792 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion: 96 Resp: 103968
Ion Ratio Lower Upper
96 100
61 174.3 134.1 201.1
98 63.0 49.9 74.9





#13

Acrolein

Concen: 226.704 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

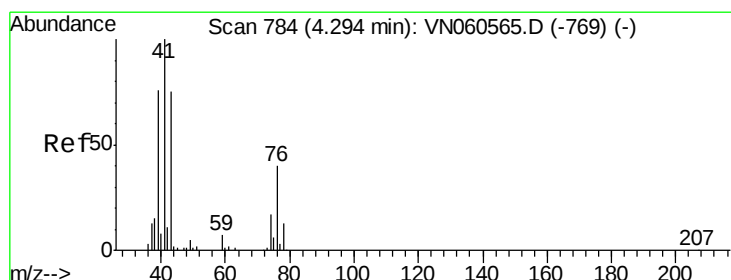
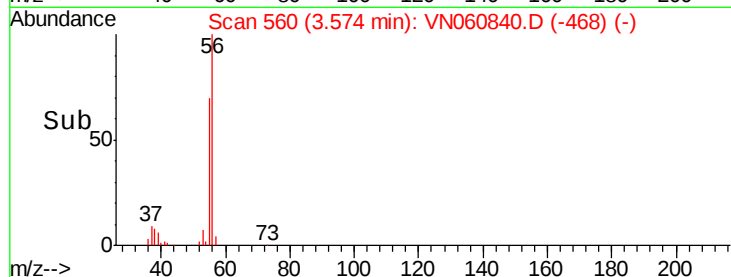
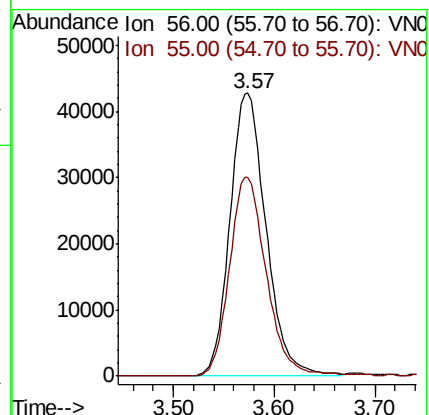
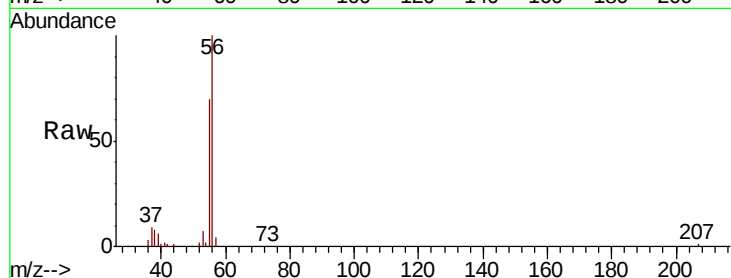
BFB

Tot Ion: 56 Resp: 106376

Ion Ratio Lower Upper

56 100

55 71.5 56.7 85.1



#14

Allyl chloride

Concen: 48.707 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

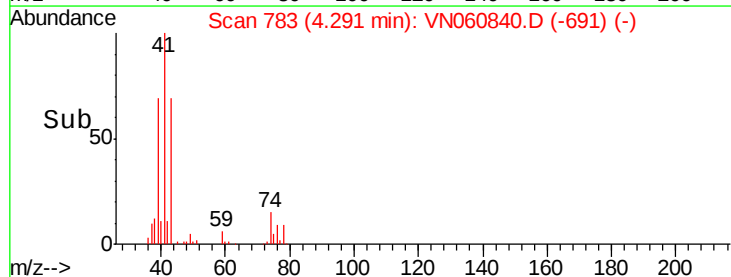
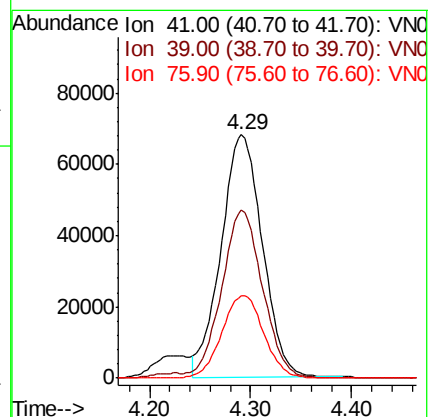
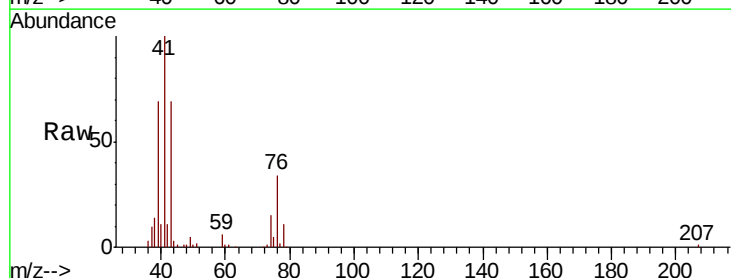
Tgt Ion: 41 Resp: 194498

Ion Ratio Lower Upper

41 100

39 68.2 57.8 86.8

76 34.4 28.6 43.0

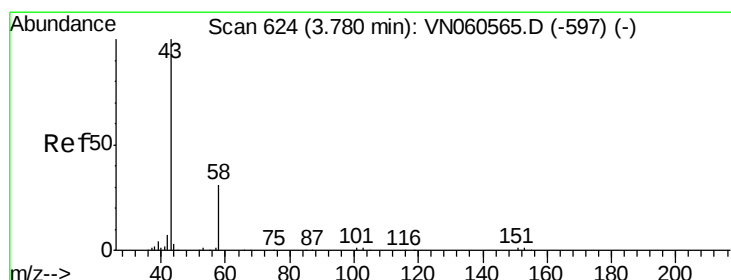
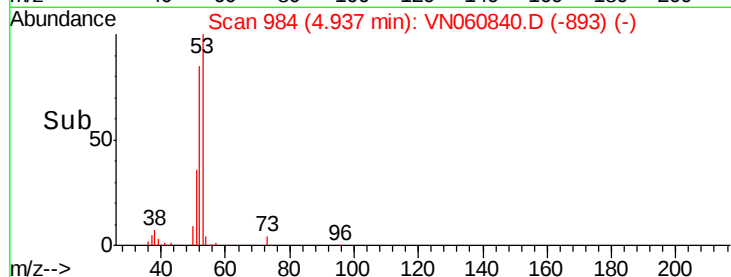
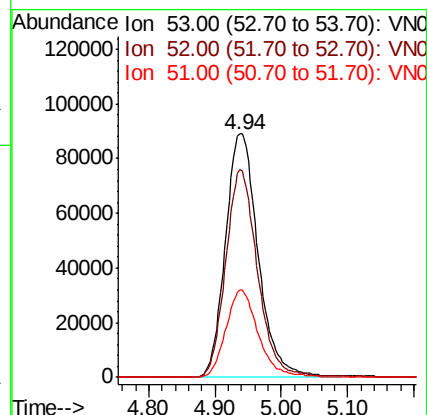
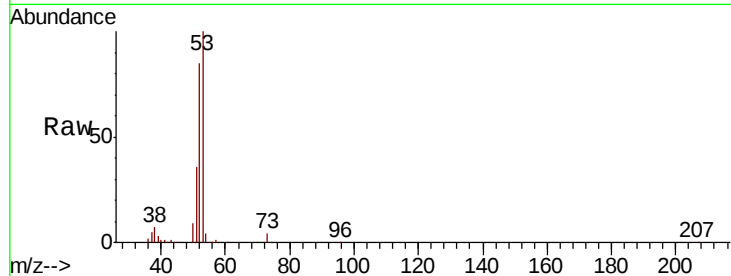




#15
 Acrylonitrile
 Concen: 245.687 ug/l
 RT: 4.94 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

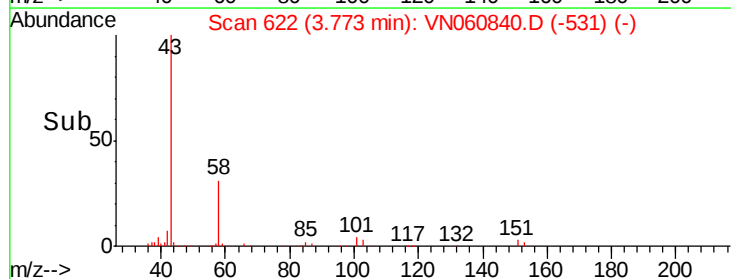
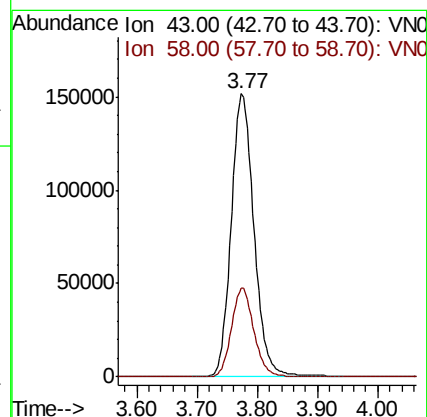
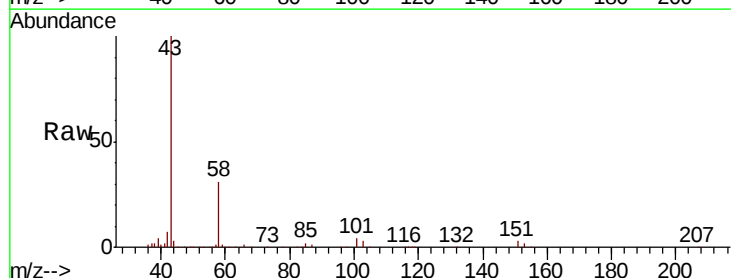
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

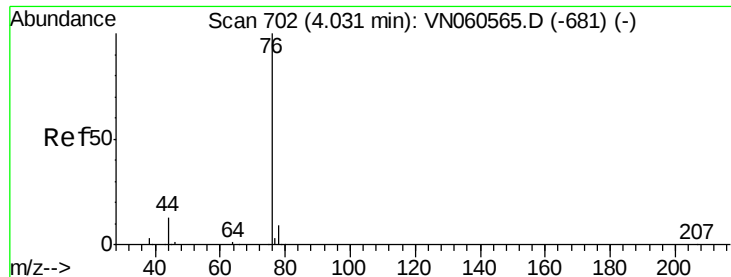
Tot Ion: 53 Resp: 305876
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.2 99.4
 51 35.6 28.7 43.1



#16
 Acetone
 Concen: 393.374 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

Tgt Ion: 43 Resp: 401133
 Ion Ratio Lower Upper
 43 100
 58 31.4 25.1 37.7

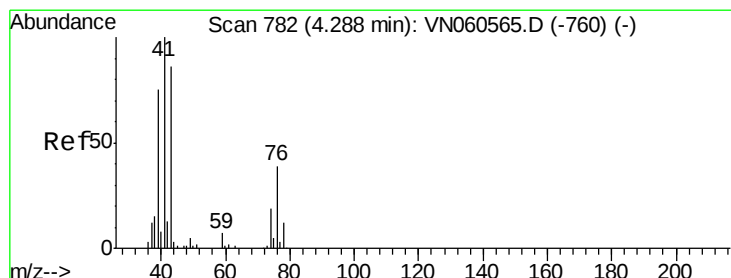
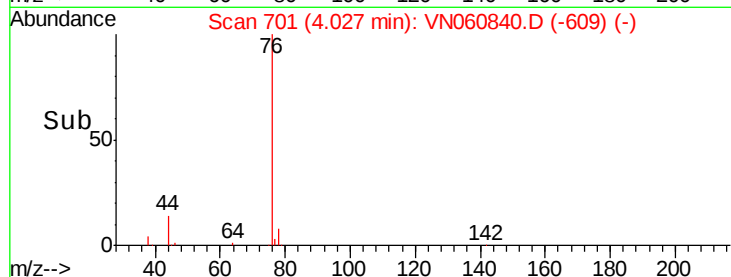
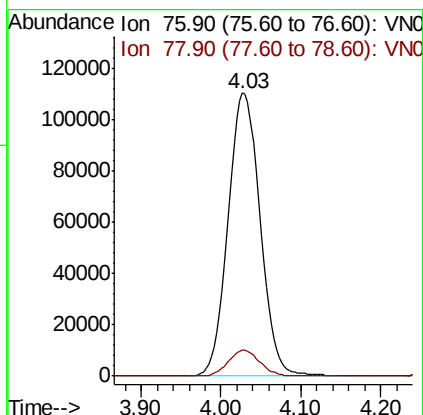
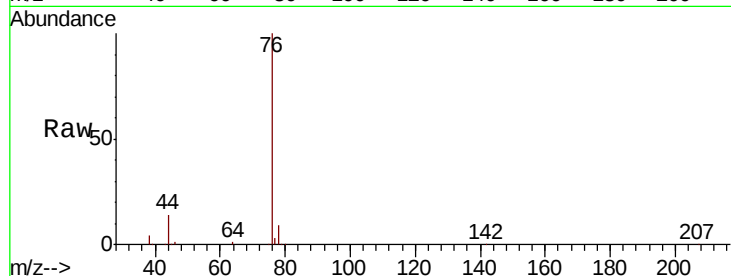




#17
Carbon Disulfide
Concen: 43.495 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

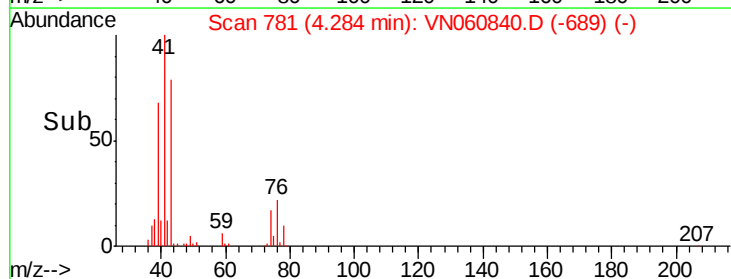
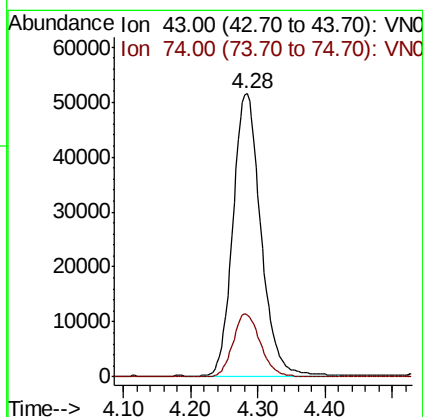
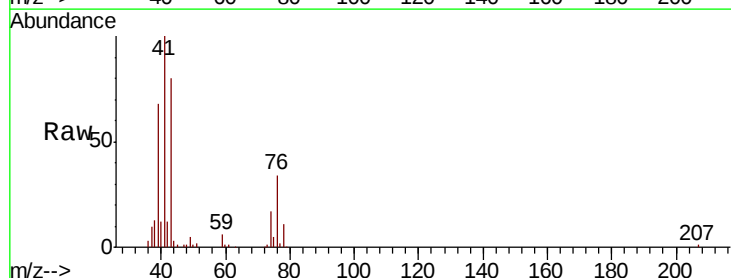
Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion: 76 Resp: 300342
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 52.172 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion: 43 Resp: 149746
Ion Ratio Lower Upper
43 100
74 21.7 17.5 26.3

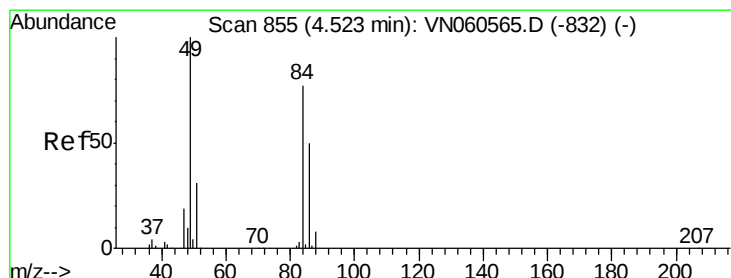
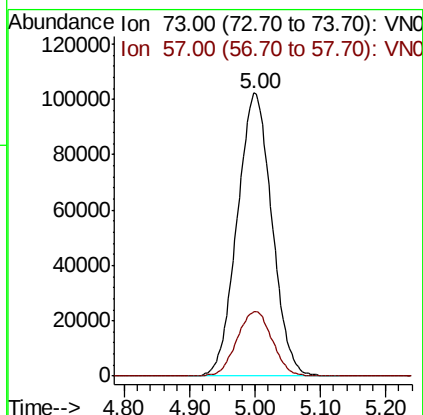
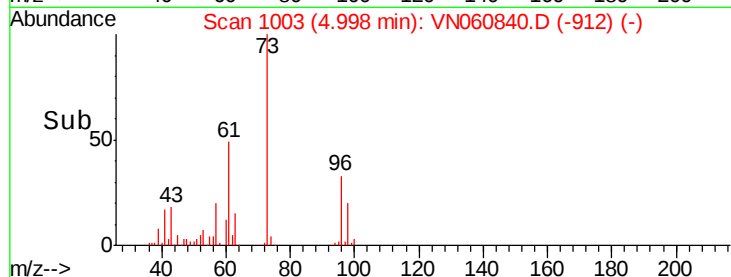
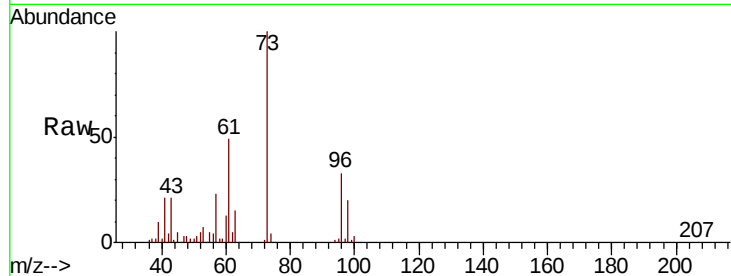




#19
Methyl tert-butyl Ether
Concen: 48.431 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

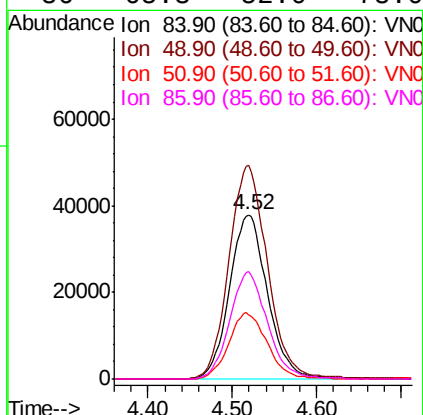
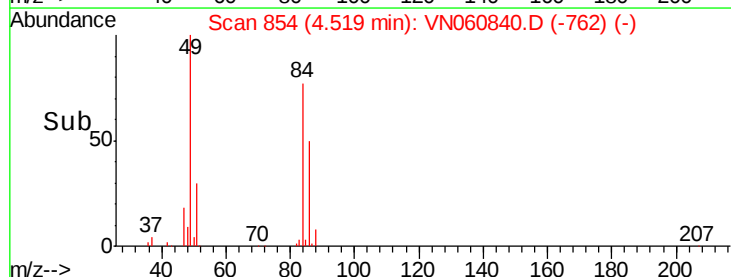
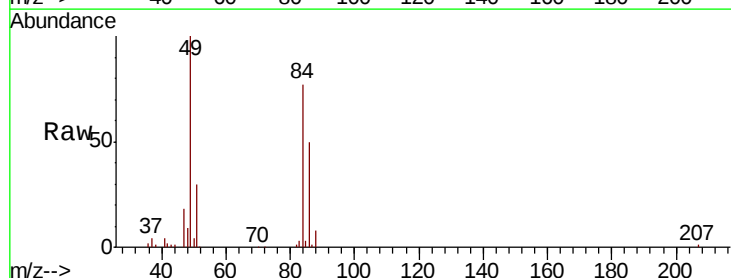
Instrument :
MSVOA_N
ClientSampled :
BFB

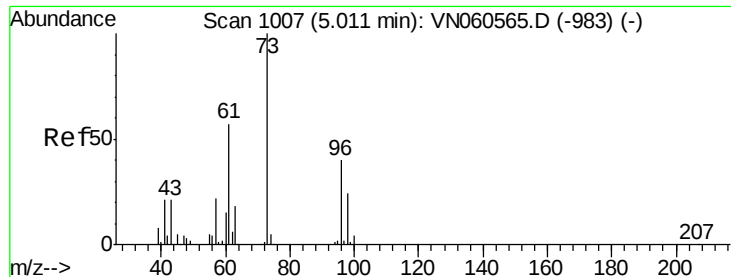
Tot Ion: 73 Resp: 378060
Ion Ratio Lower Upper
73 100
57 22.6 17.5 26.3



#20
Methylene Chloride
Concen: 47.414 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion: 84 Resp: 118936
Ion Ratio Lower Upper
84 100
49 130.3 103.3 154.9
51 39.4 31.6 47.4
86 65.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 47.186 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

BFB

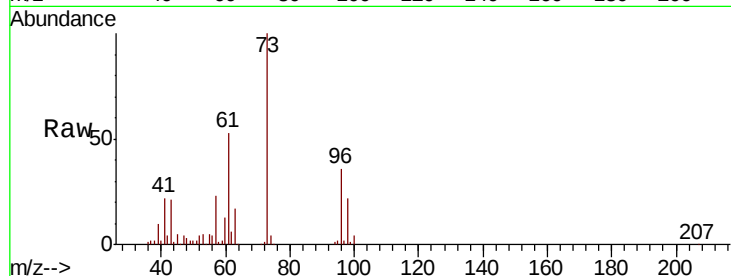
Tot Ion: 96 Resp: 114181

Ion Ratio Lower Upper

96 100

61 147.2 114.4 171.6

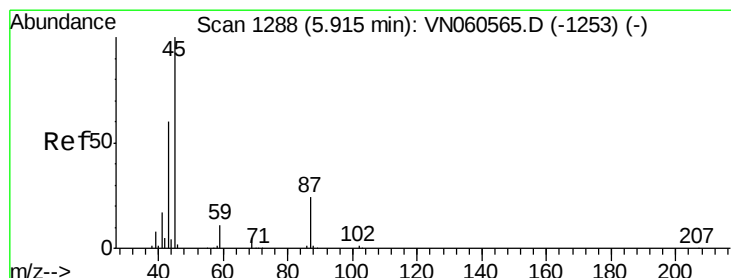
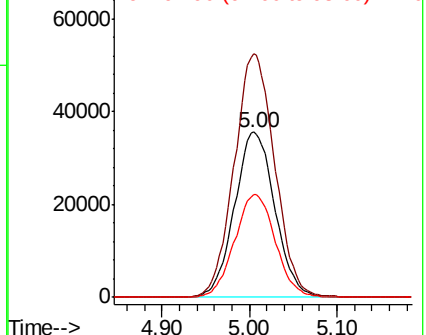
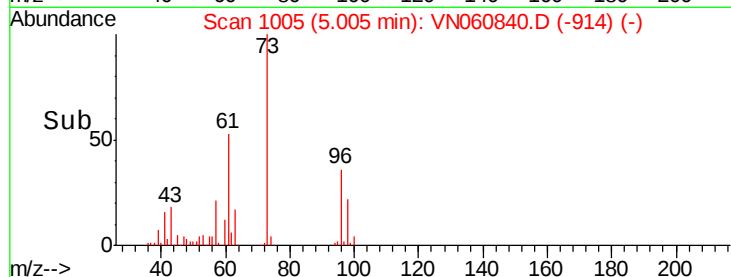
98 62.3 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN060840.D (-914) (-)

Ion 60.90 (60.60 to 61.60): VN060840.D (-914) (-)

Ion 97.90 (97.60 to 98.60): VN060840.D (-914) (-)



#22

Diisopropyl ether

Concen: 51.026 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Tgt Ion: 45 Resp: 430479

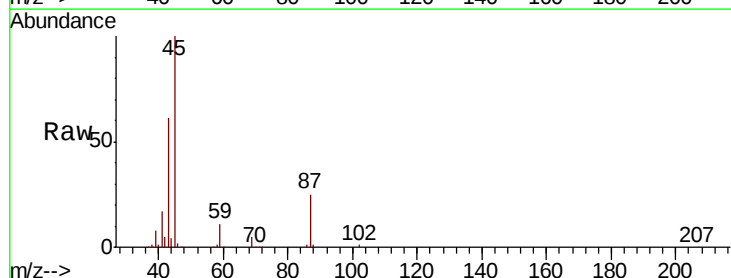
Ion Ratio Lower Upper

45 100

43 60.2 49.8 74.8

87 25.1 20.1 30.1

59 11.3 9.2 13.8

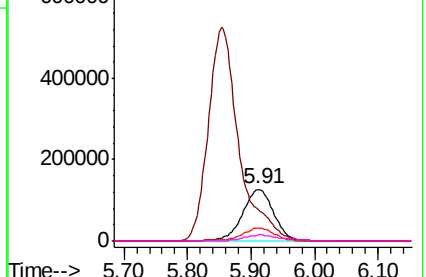
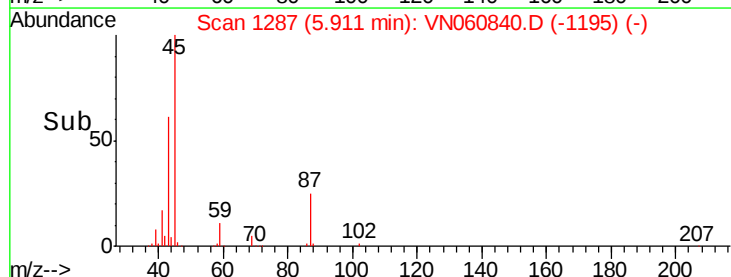


Abundance Ion 45.00 (44.70 to 45.70): VN060840.D (-1195) (-)

Ion 43.00 (42.70 to 43.70): VN060840.D (-1195) (-)

Ion 87.00 (86.70 to 87.70): VN060840.D (-1195) (-)

Ion 59.00 (58.70 to 59.70): VN060840.D (-1195) (-)





#23

Vinyl Acetate

Concen: 255.172 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

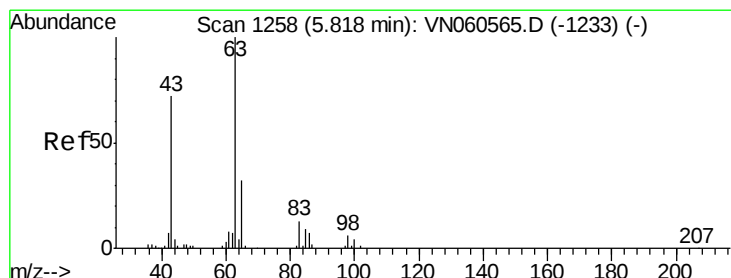
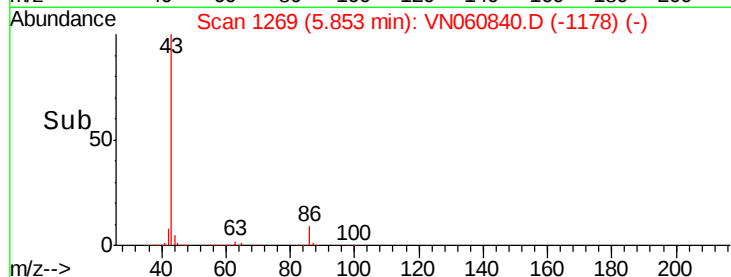
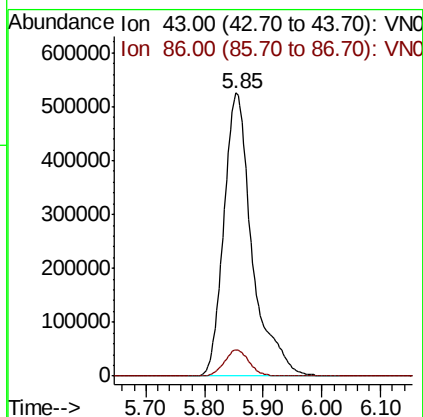
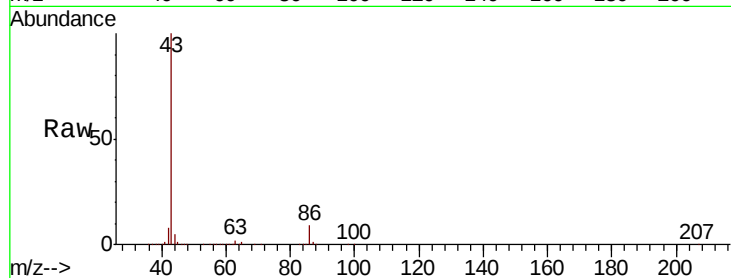
BFB

Tot Ion: 43 Resp: 1756475

Ion Ratio Lower Upper

43 100

86 9.2 7.6 11.4



#24

1,1-Dichloroethane

Concen: 49.716 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

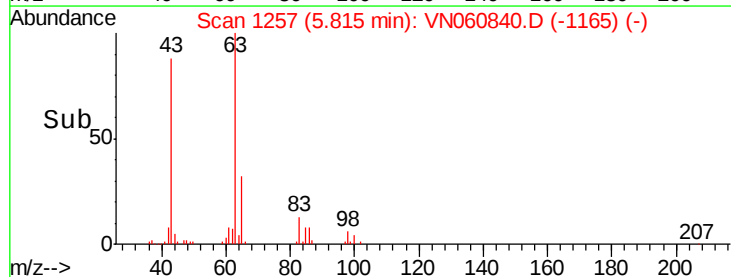
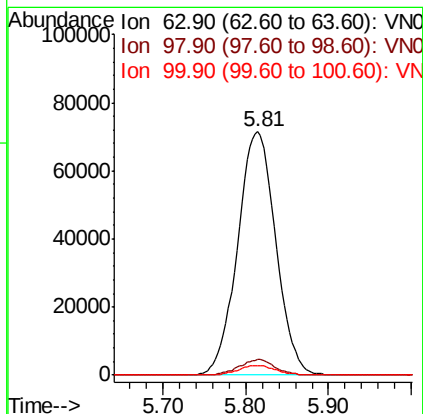
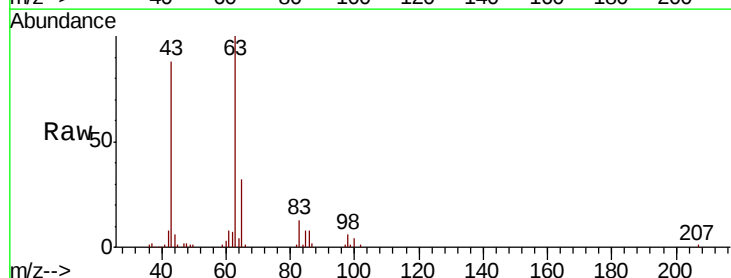
Tgt Ion: 63 Resp: 228650

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 3.7 1.8 5.5

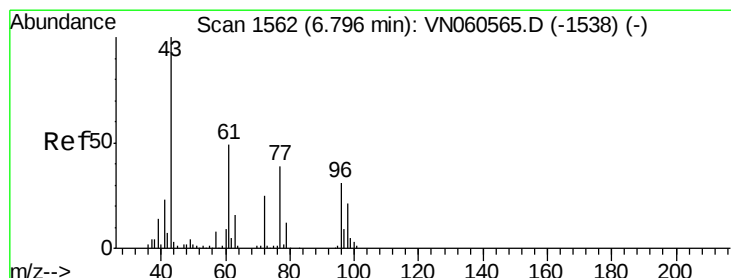
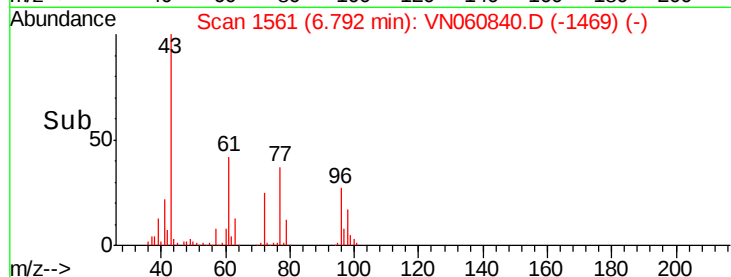
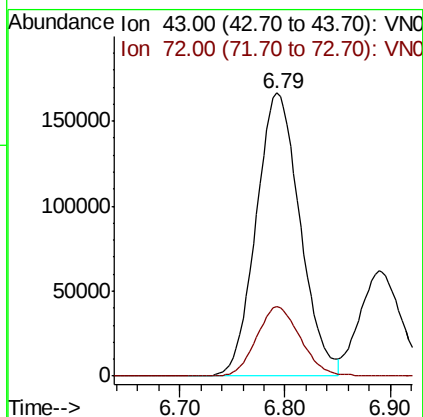
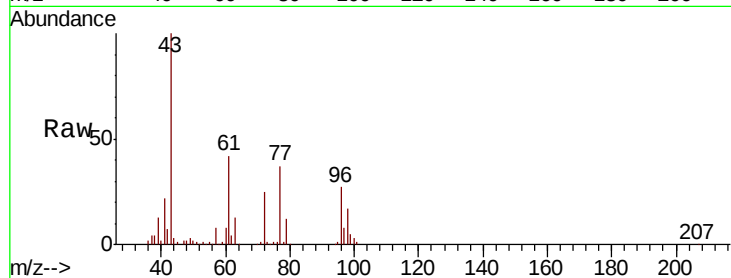




#25
2-Butanone
Concen: 292.200 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

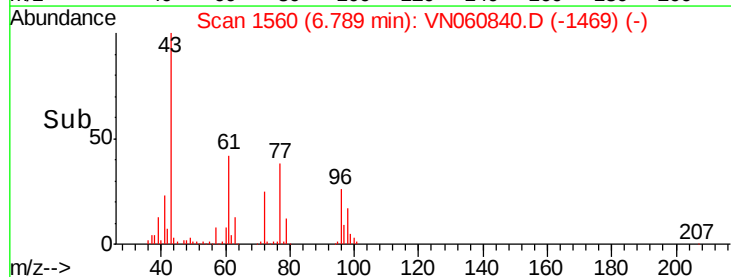
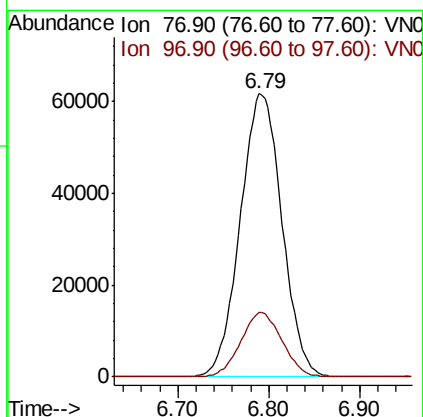
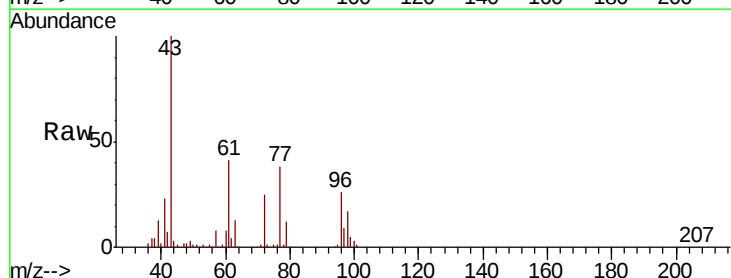
Instrument :
MSVOA_N
ClientSampled :
BFB

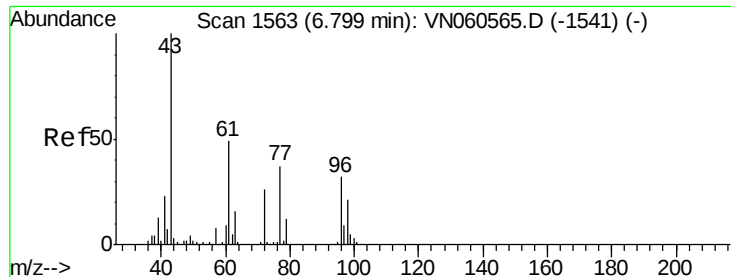
Tot Ion: 43 Resp: 482157
Ion Ratio Lower Upper
43 100
72 24.6 20.4 30.6



#26
2,2-Dichloropropane
Concen: 54.357 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion: 77 Resp: 196694
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.268 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

BFB

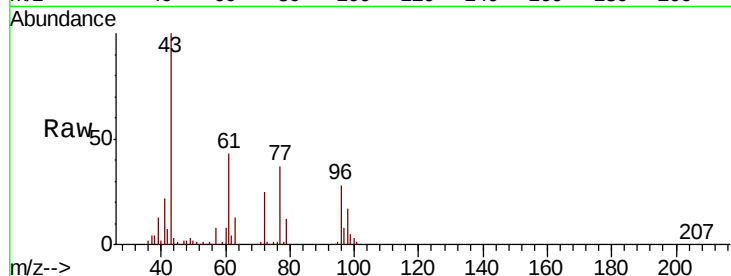
Tot Ion: 96 Resp: 132729

Ion Ratio Lower Upper

96 100

61 156.8 0.0 305.6

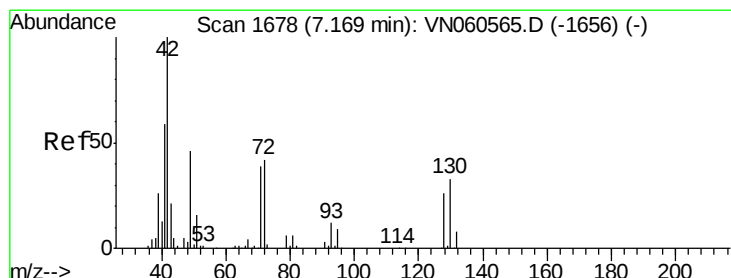
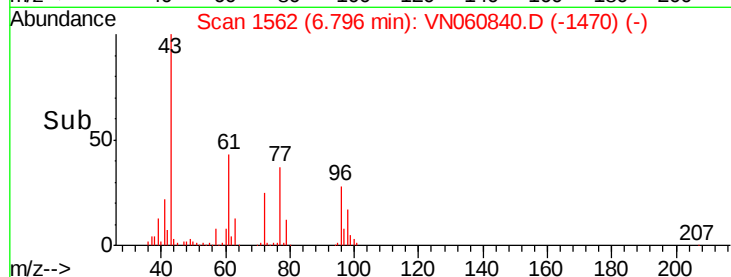
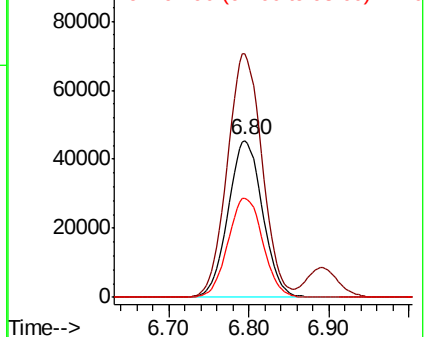
98 64.0 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 50.541 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

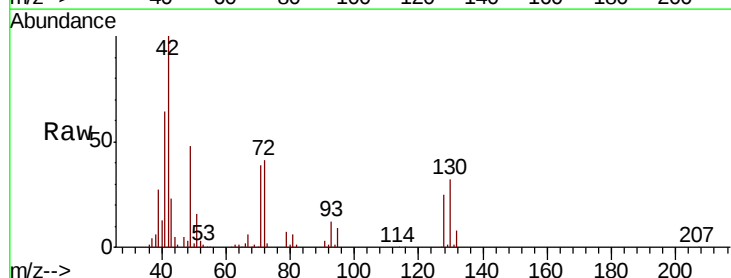
Tgt Ion: 49 Resp: 111213

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

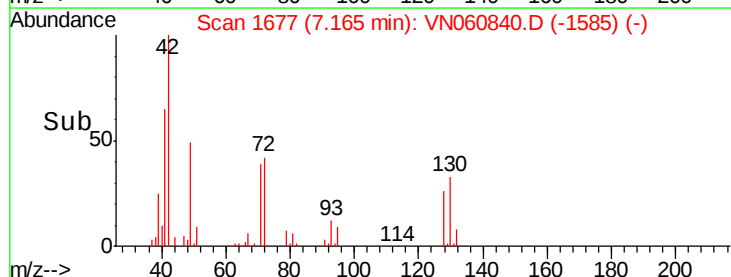
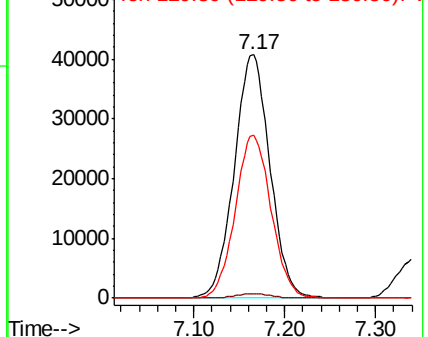
130 66.9 55.0 82.4



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

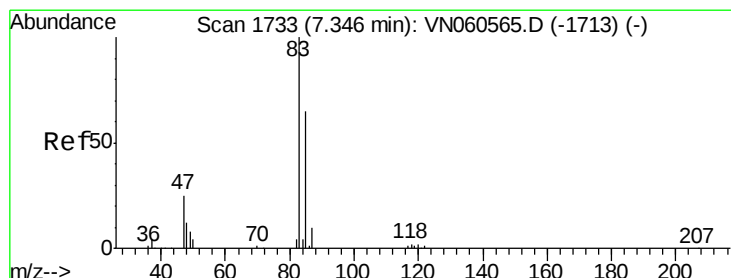
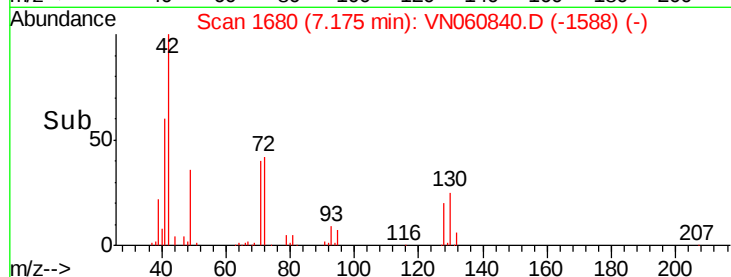
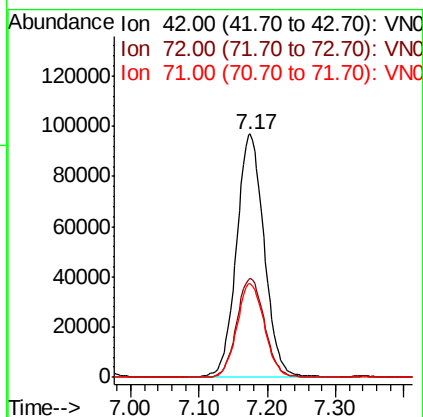
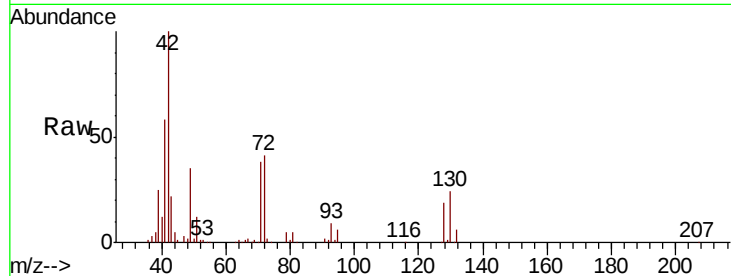




#29
Tetrahydrofuran
Concen: 234.288 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

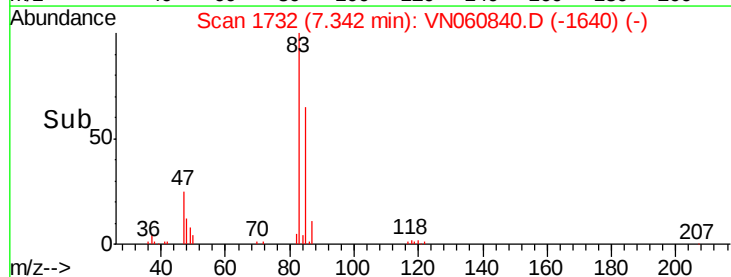
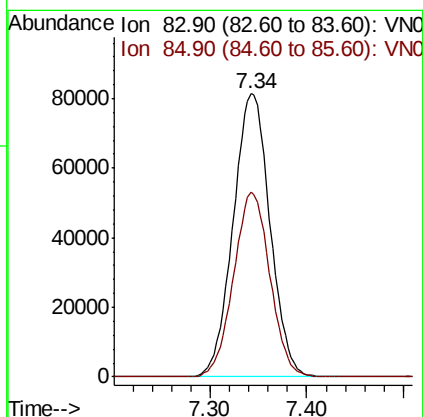
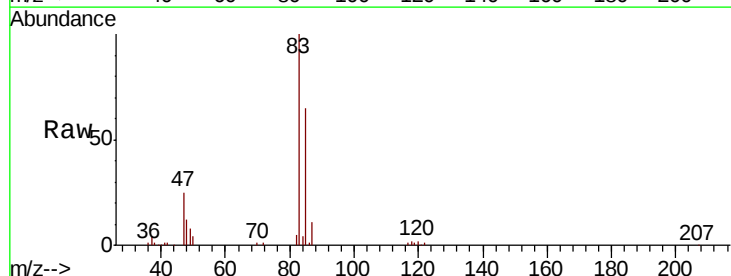
Instrument :
MSVOA_N
ClientSampled :
BFB

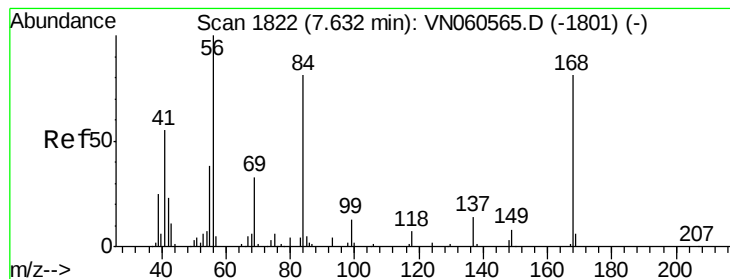
Tot Ion: 42 Resp: 273533
Ion Ratio Lower Upper
42 100
72 40.9 33.2 49.8
71 38.2 31.1 46.7



#30
Chloroform
Concen: 48.844 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion: 83 Resp: 215356
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8





#31

Cyclohexane

Concen: 45.732 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

BFB

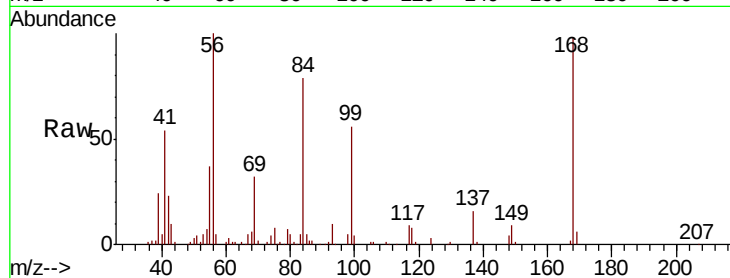
Tot Ion: 56 Resp: 212042

Ion Ratio Lower Upper

56 100

69 32.2 26.6 40.0

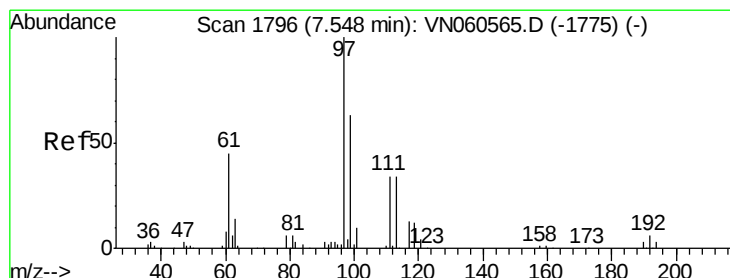
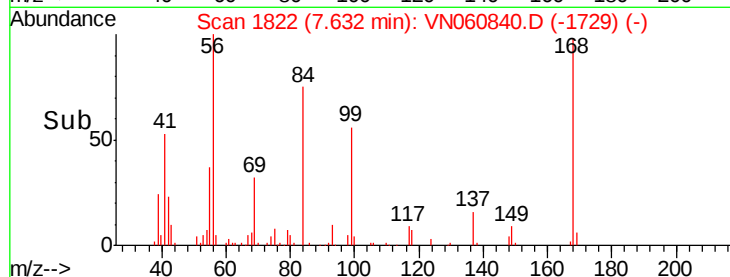
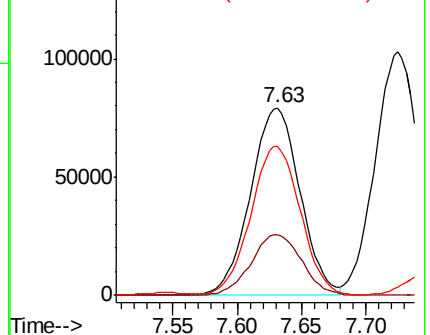
84 78.3 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 48.629 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

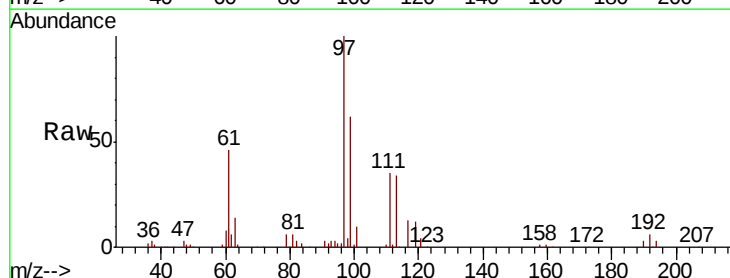
Tgt Ion: 97 Resp: 184833

Ion Ratio Lower Upper

97 100

99 64.2 50.6 75.8

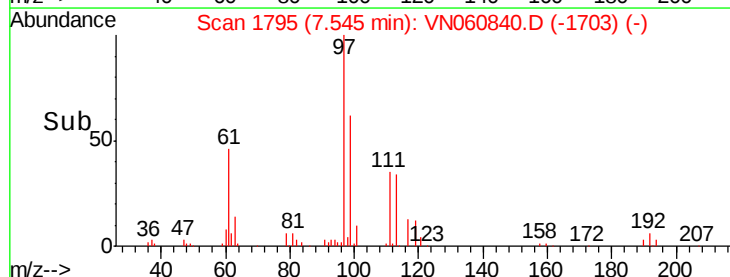
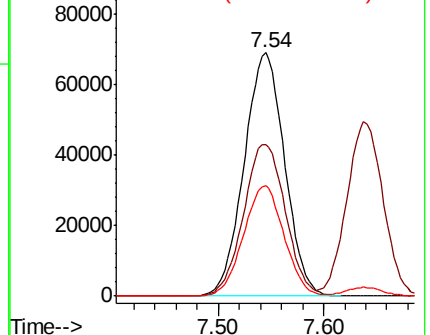
61 45.6 36.2 54.4

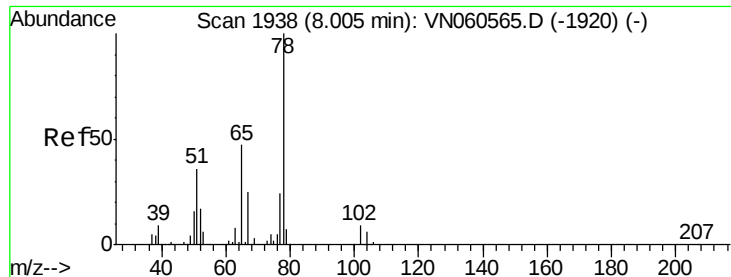


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

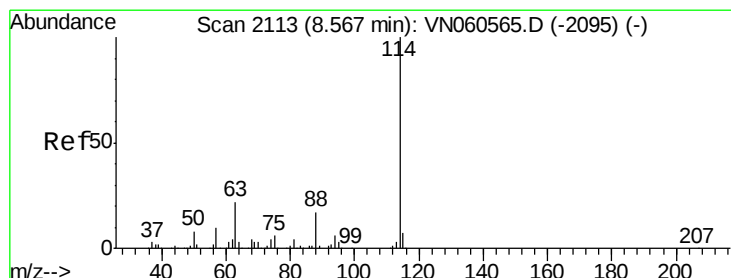
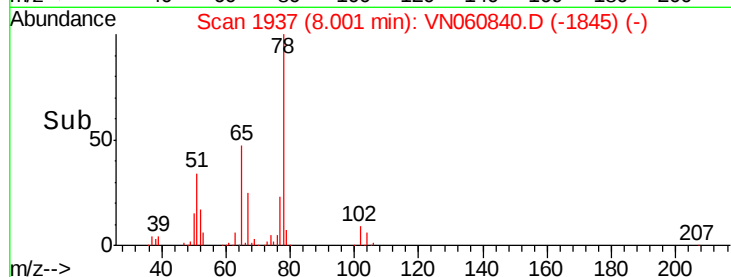
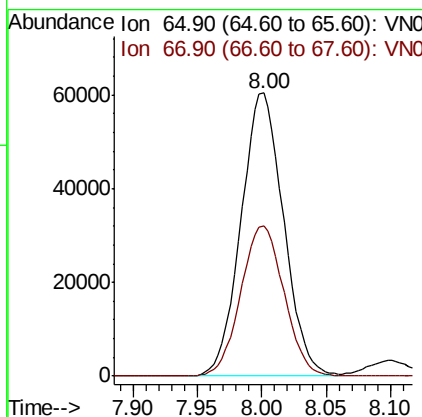
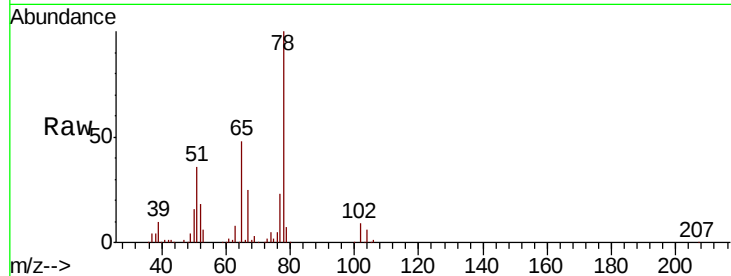




#33
 1,2-Dichloroethane-d4
 Concen: 48.354 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

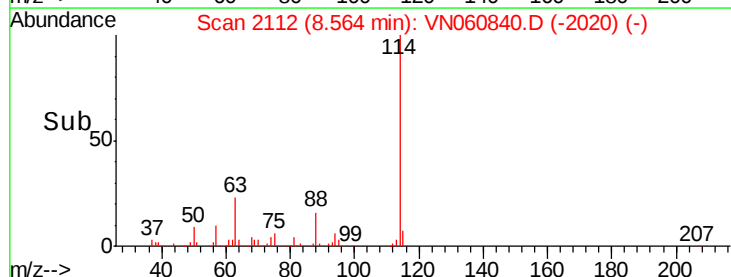
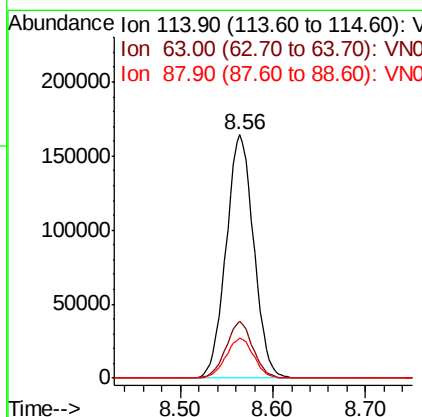
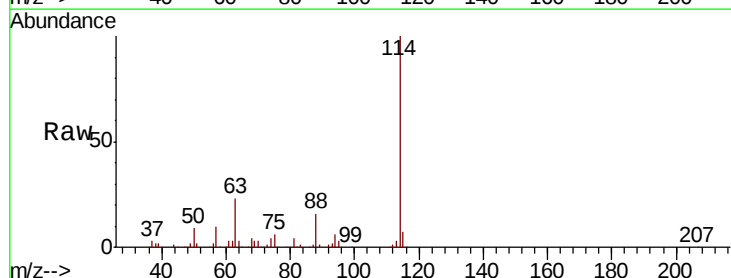
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

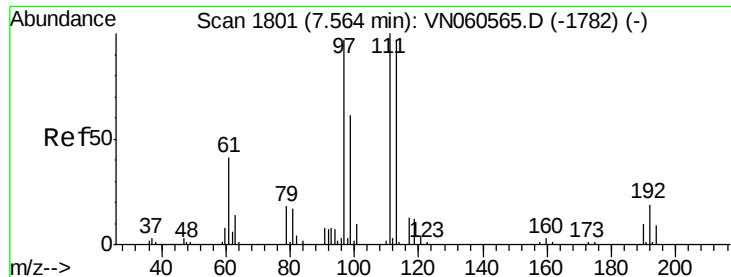
Tot Ion: 65 Resp: 139200
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

Tgt Ion: 114 Resp: 339569
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.8
 88 16.3 0.0 33.0

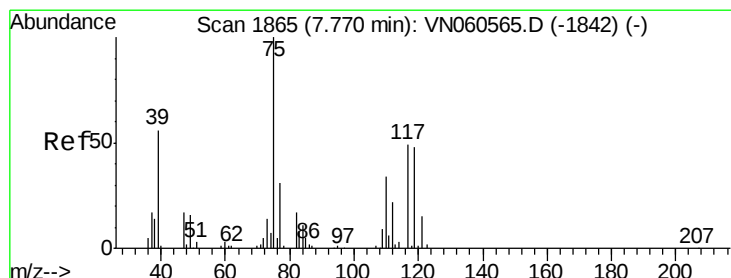
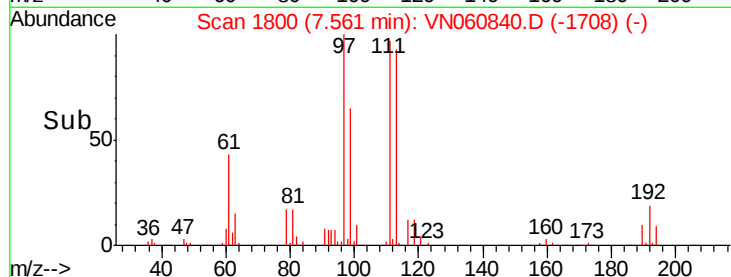
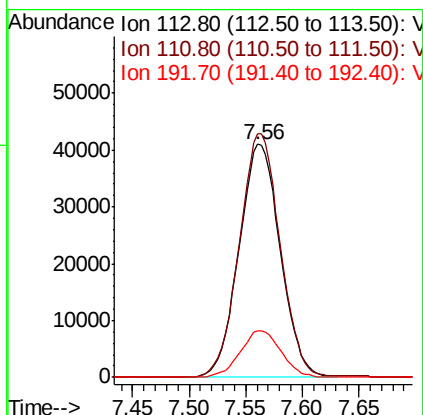
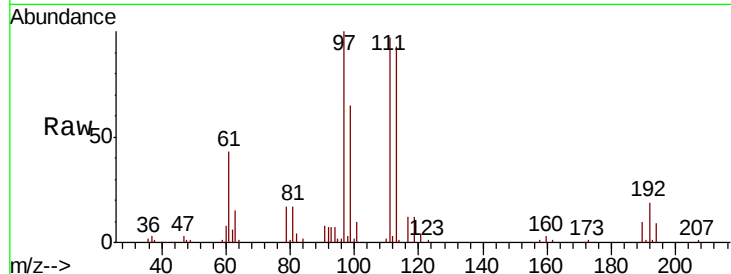




#35
 Dibromofluoromethane
 Concen: 50.700 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

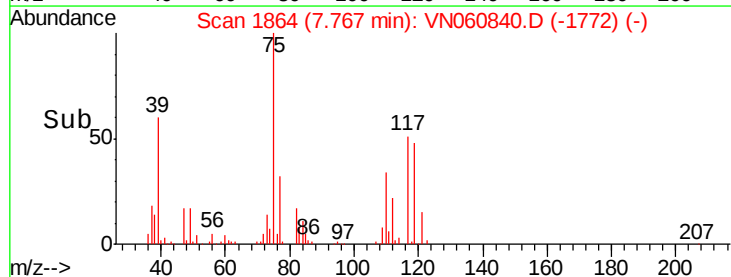
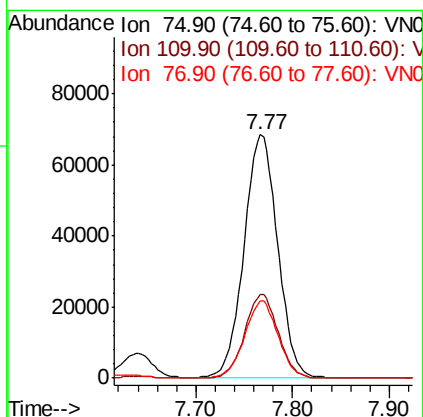
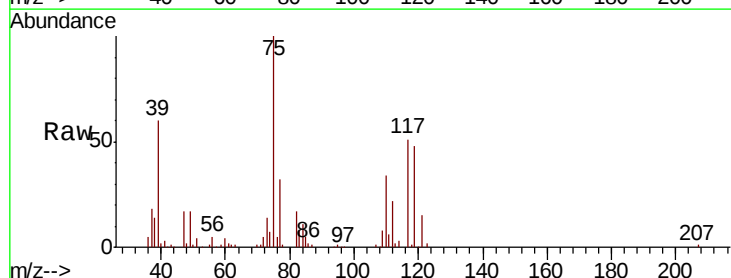
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

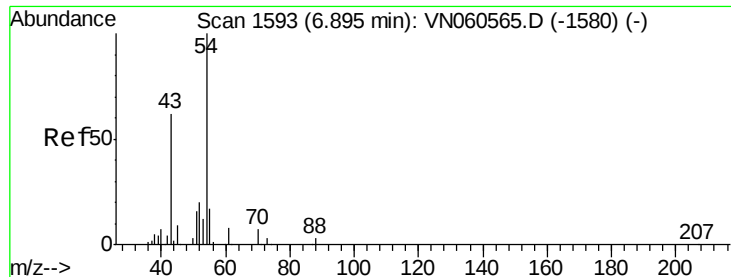
Tot Ion:113 Resp: 104100
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 19.8 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 50.545 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

Tgt Ion: 75 Resp: 166197
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.9 50.6
 77 31.5 24.6 36.8

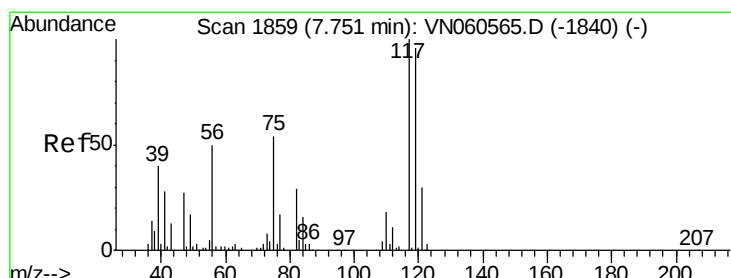
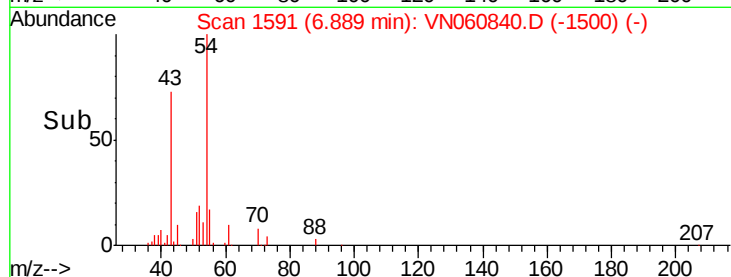
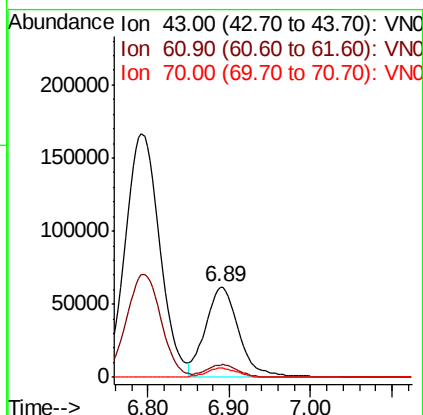
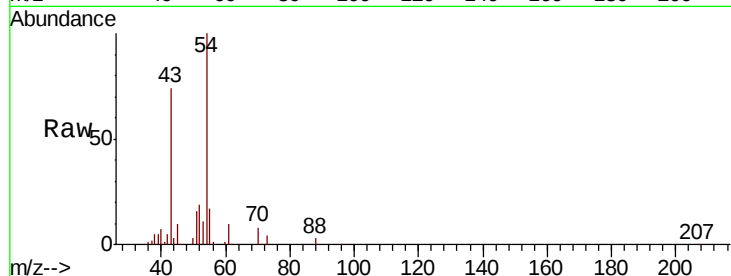




#37
Ethyl Acetate
Concen: 49.694 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

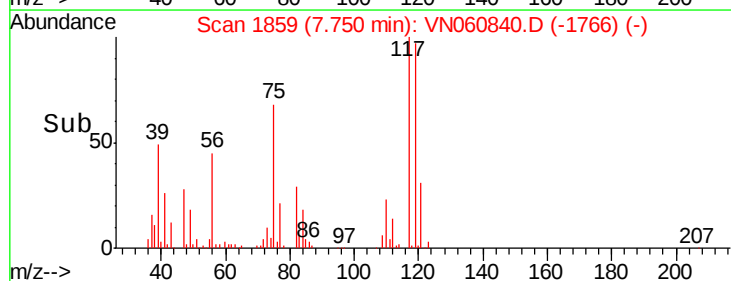
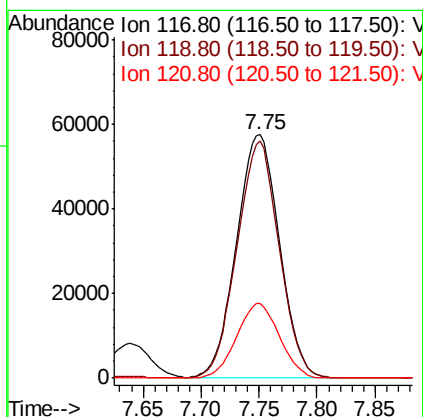
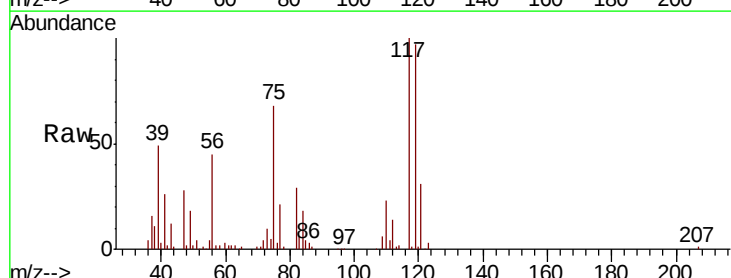
Instrument :
MSVOA_N
ClientSampled :
BFB

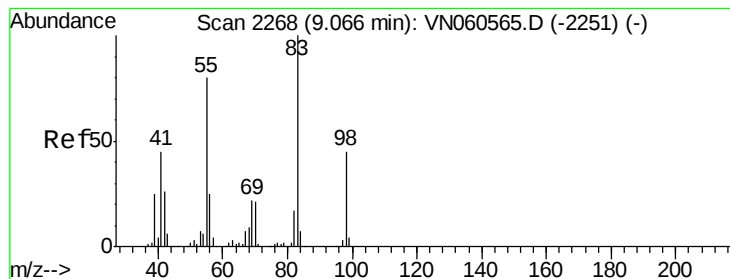
Tot Ion: 43 Resp: 176556
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.540 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion: 117 Resp: 148940
Ion Ratio Lower Upper
117 100
119 97.2 76.2 114.2
121 30.6 23.7 35.5





#39

Methvlcvclohexane

Concen: 52.499 ug/l

RT: 9.06 min Scan# 2267

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

BFB

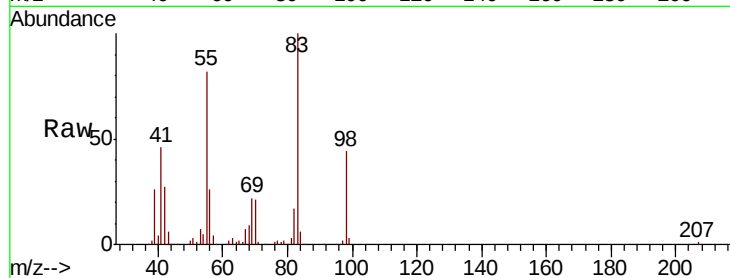
Tot Ion: 83 Resp: 205140

Ion Ratio Lower Upper

83 100

55 81.8 63.6 95.4

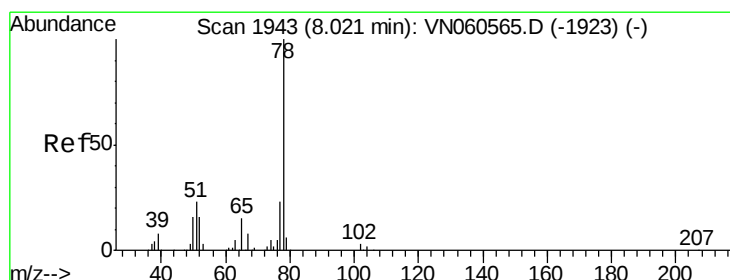
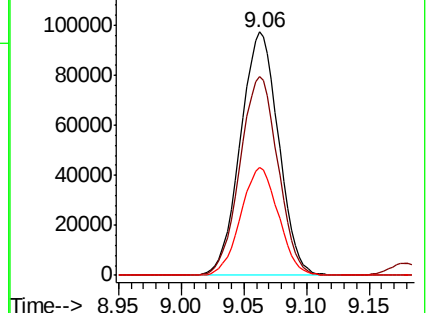
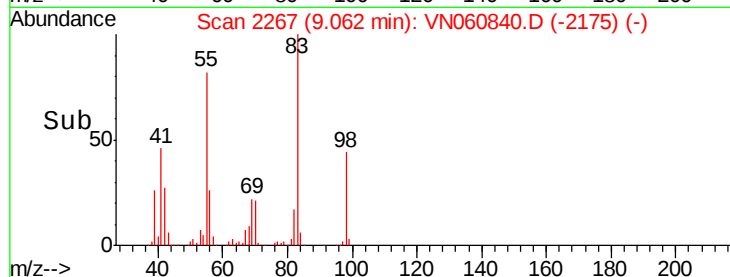
98 44.3 36.0 54.0



Abundance Ion 83.00 (82.70 to 83.70): VN060840.D (-2175) (-)

Ion 55.00 (54.70 to 55.70): VN060840.D (-2175) (-)

Ion 98.00 (97.70 to 98.70): VN060840.D (-2175) (-)



#40

Benzene

Concen: 50.221 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN060840.D

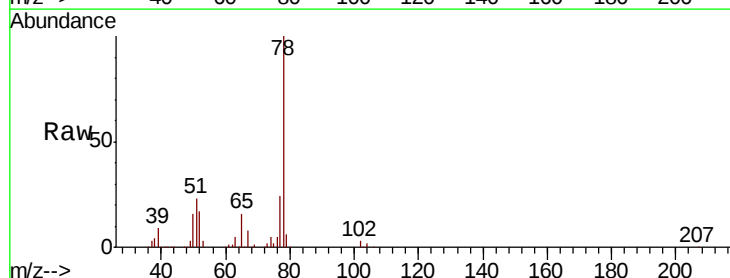
Acq: 6 Apr 2020 10:24

Tgt Ion: 78 Resp: 498494

Ion Ratio Lower Upper

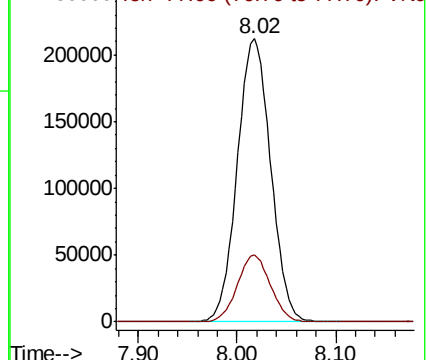
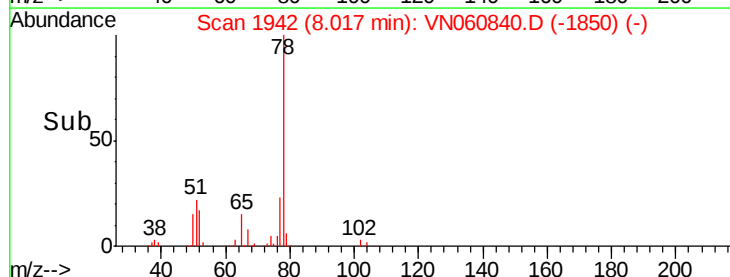
78 100

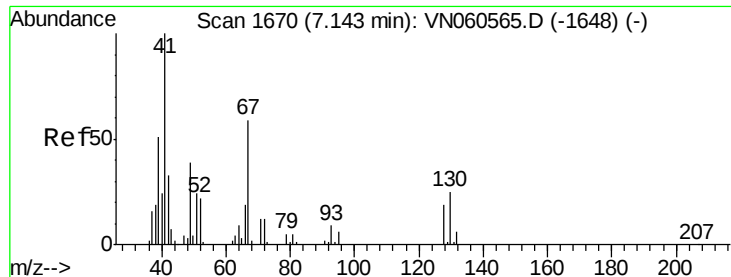
77 23.5 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN060840.D (-1850) (-)

Ion 77.00 (76.70 to 77.70): VN060840.D (-1850) (-)

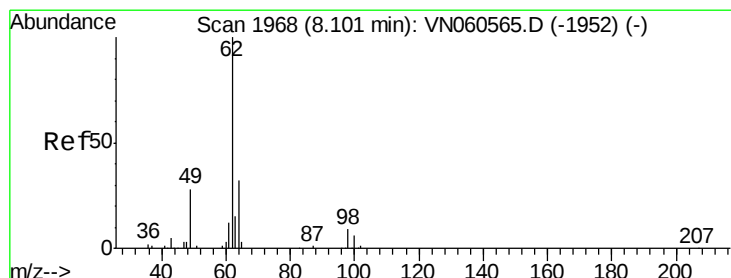
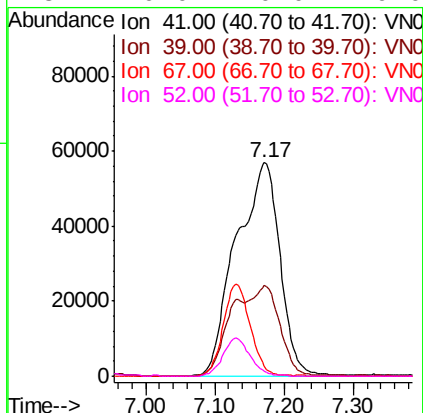
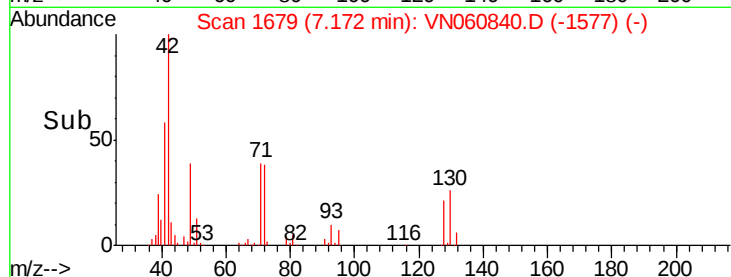
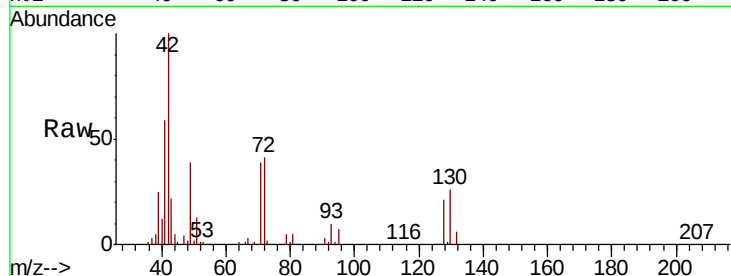




#41
Methacrylonitrile
Concen: 164.800 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

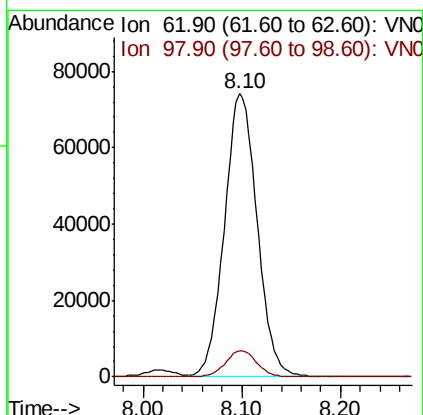
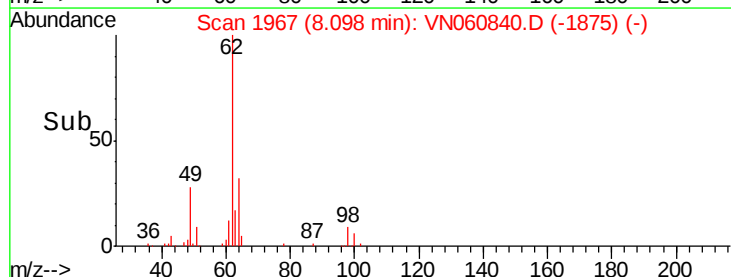
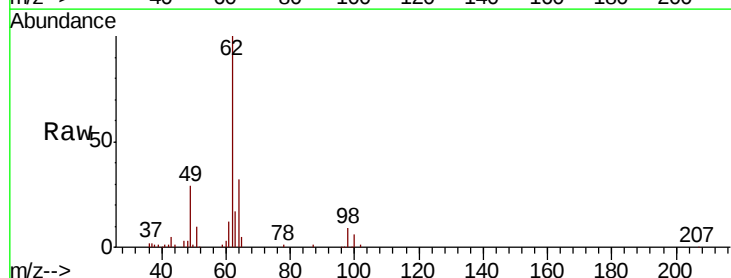
Instrument :
MSVOA_N
ClientSampleId :
BFB

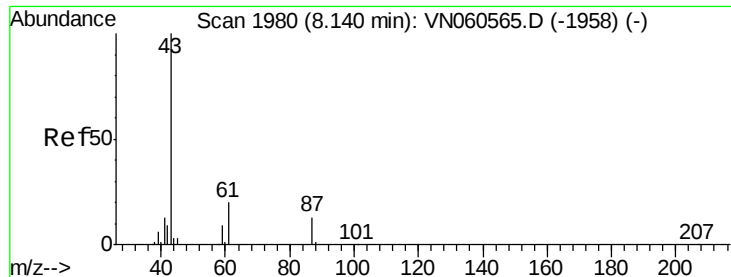
Tot Ion:	41	Resp:	249879
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.686 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion:	62	Resp:	171936
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8

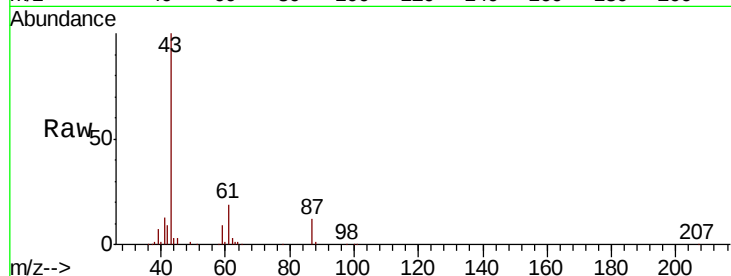




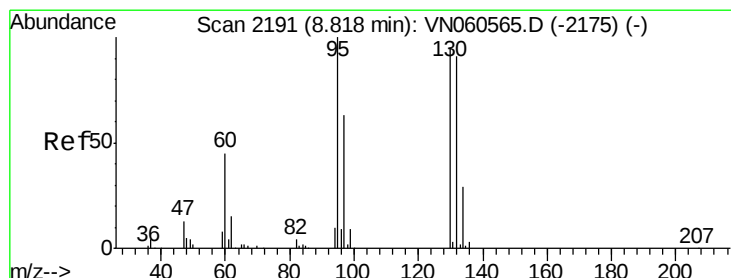
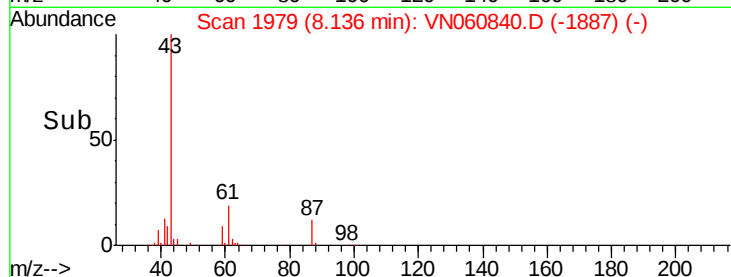
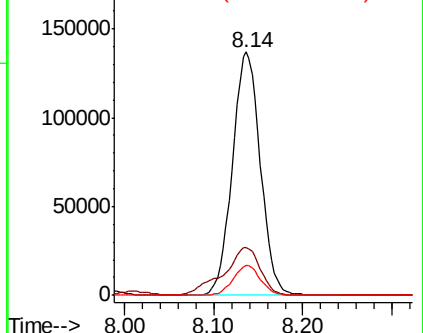
#43
Isopropyl Acetate
Concen: 50.808 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion: 43 Resp: 297700
Ion Ratio Lower Upper
43 100
61 25.9 20.7 31.1
87 12.0 9.8 14.8

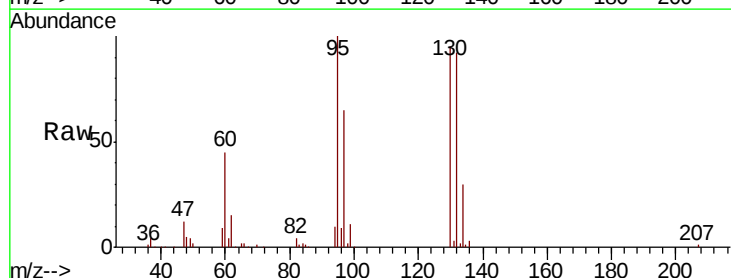


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

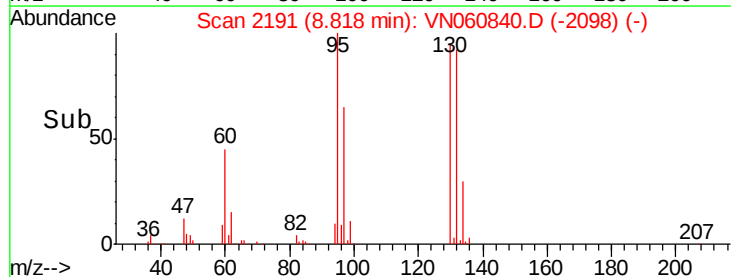
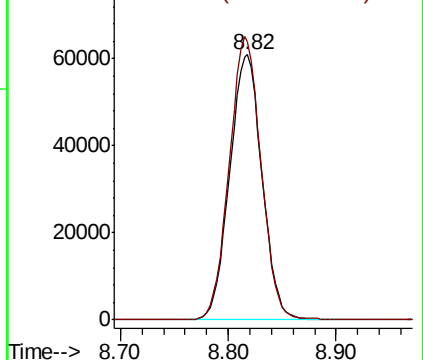


#44
Trichloroethene
Concen: 50.833 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion:130 Resp: 127196
Ion Ratio Lower Upper
130 100
95 105.1 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

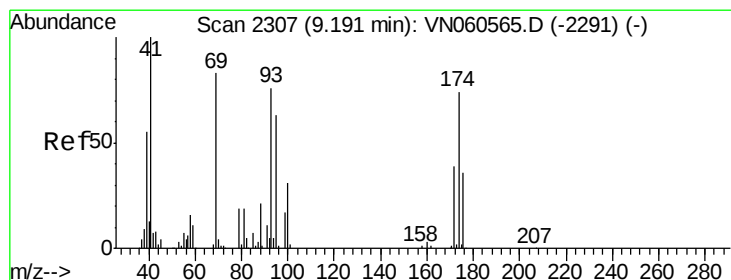
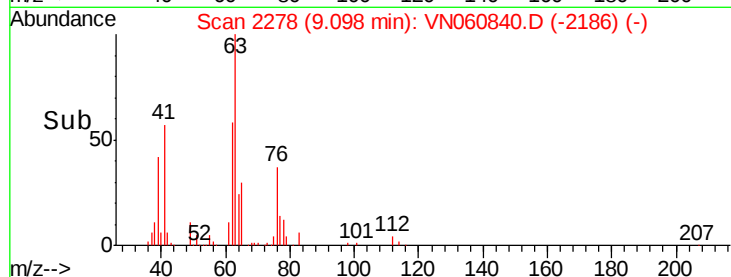
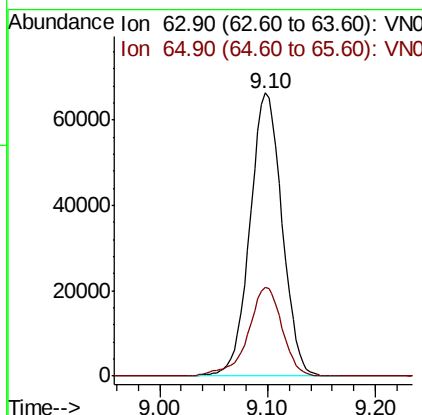
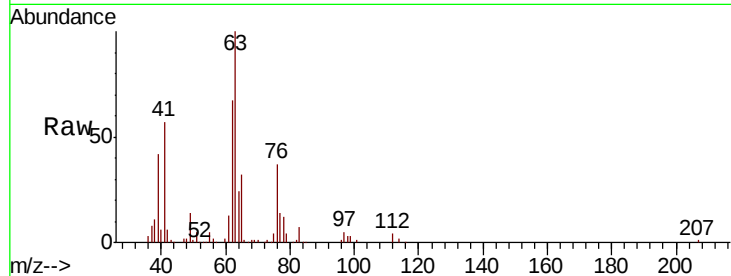




#45
 1,2-Dichloropropane
 Concen: 52.374 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

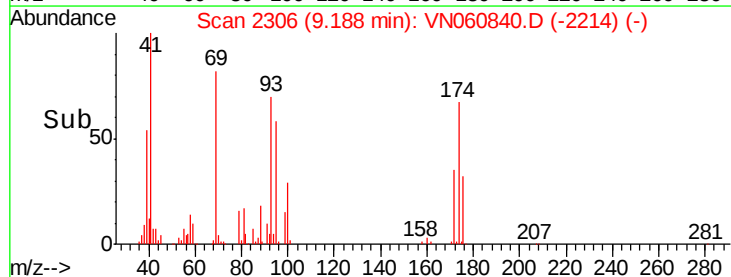
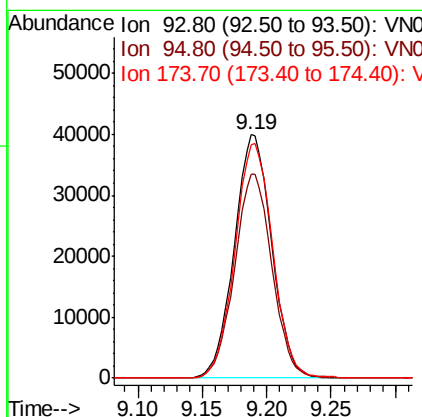
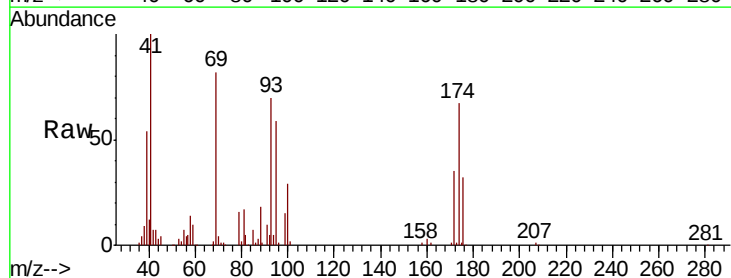
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion: 63 Resp: 137173
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.4 38.0



#46
 Dibromomethane
 Concen: 51.033 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

Tgt Ion: 93 Resp: 80806
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.2 99.4
 174 97.1 77.9 116.9





#47

Bromodichloromethane

Concen: 51.541 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

BFB

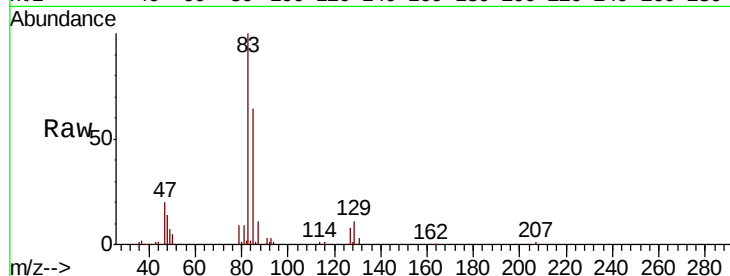
Tot Ion: 83 Resp: 169587

Ion Ratio Lower Upper

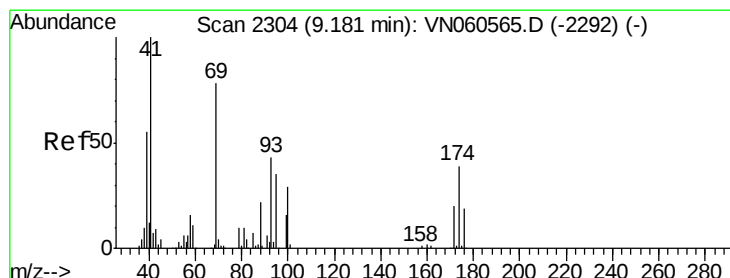
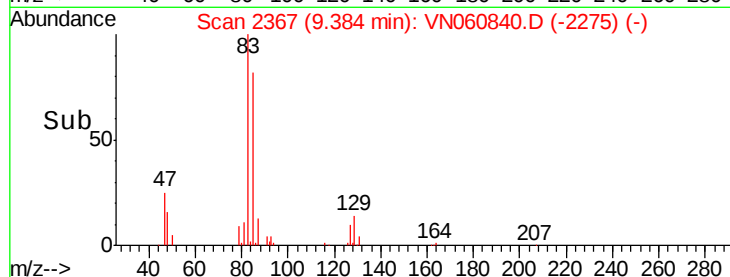
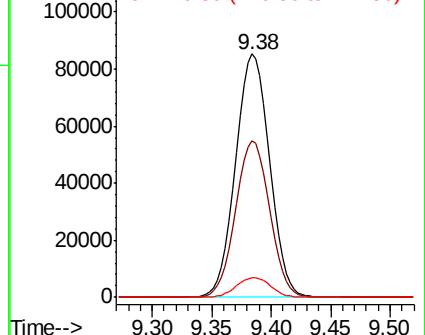
83 100

85 64.4 51.8 77.6

127 7.9 6.5 9.7



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



#48

Methyl methacrylate

Concen: 50.554 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

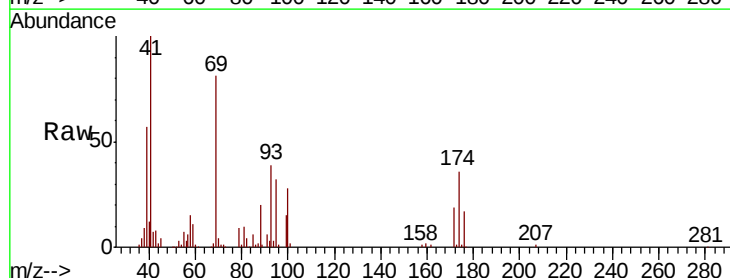
Tgt Ion: 41 Resp: 131881

Ion Ratio Lower Upper

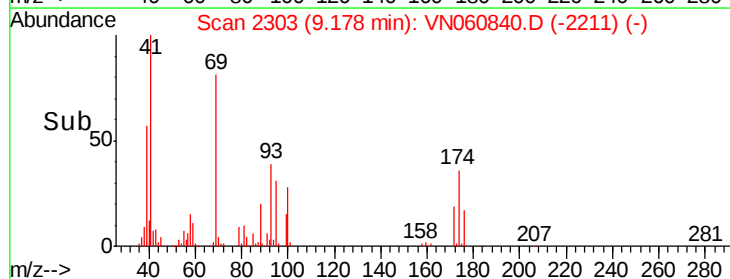
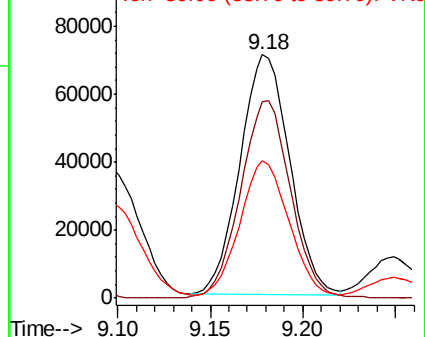
41 100

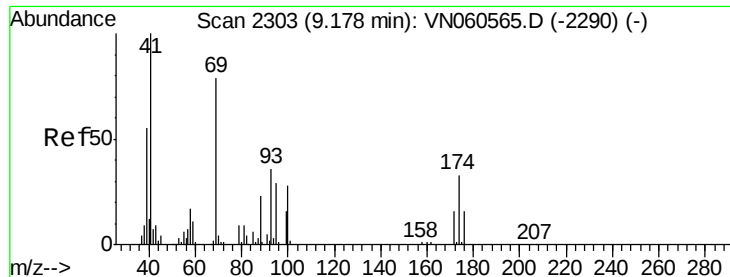
69 82.7 65.4 98.0

39 54.6 44.0 66.0



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

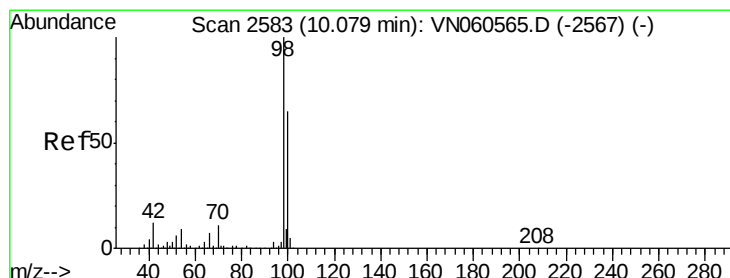
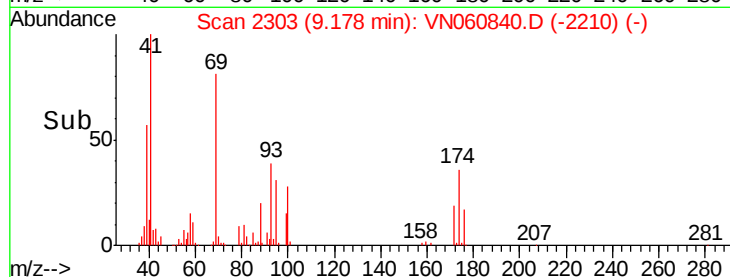
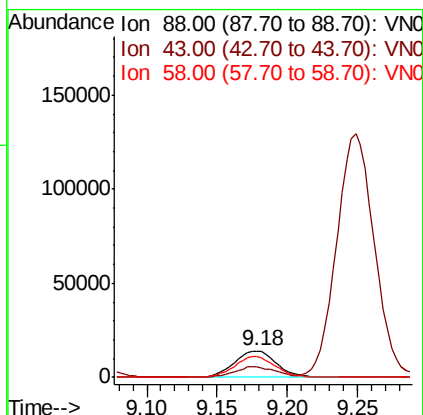
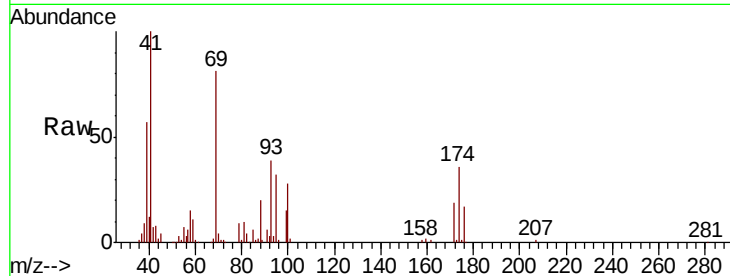




#49
 1,4-Dioxane
 Concen: 939.632 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

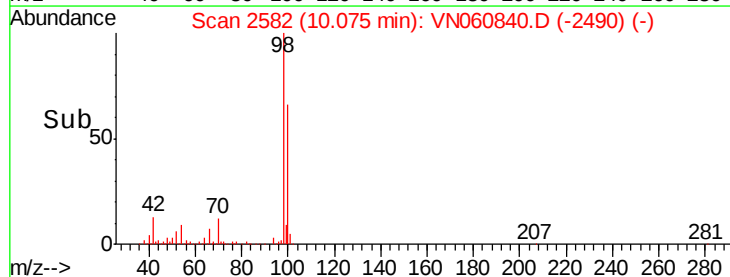
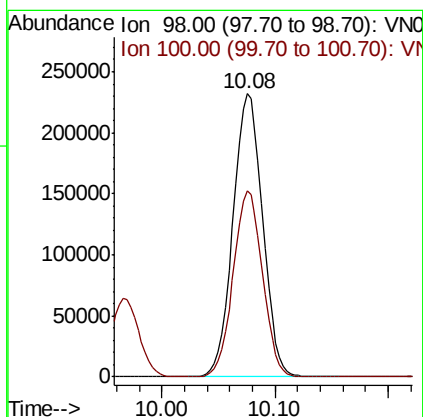
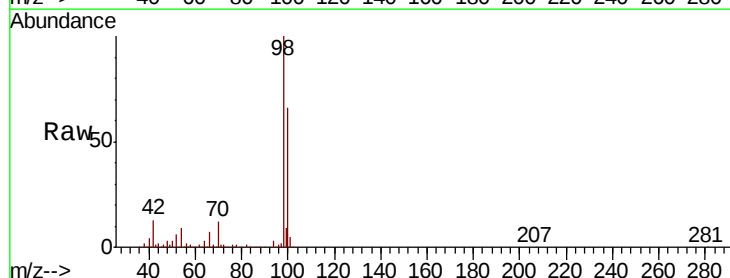
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

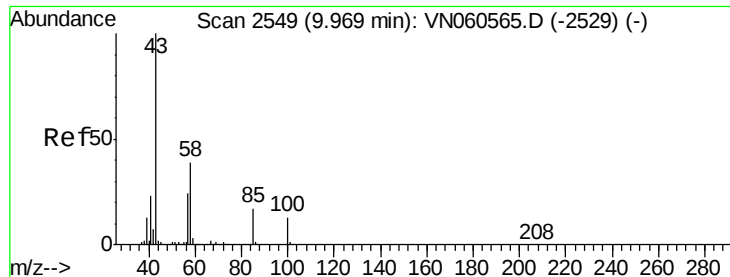
Tot Ion: 88 Resp: 29136
 Ion Ratio Lower Upper
 88 100
 43 39.7 30.8 46.2
 58 76.9 59.8 89.8



#50
 Toluene-d8
 Concen: 50.480 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

Tgt Ion: 98 Resp: 423365
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 259.265 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

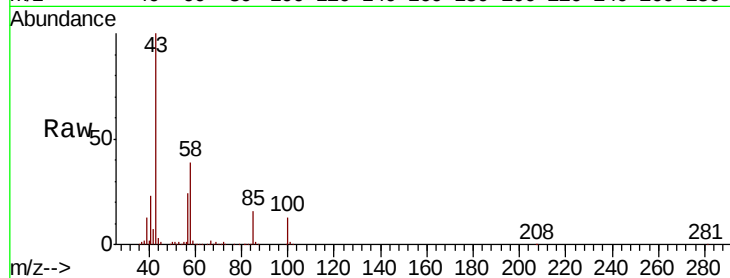
BFB

Tot Ion: 43 Resp: 864443

Ion Ratio Lower Upper

43 100

58 38.6 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-2529) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-2529) (-)

9.97

500000

400000

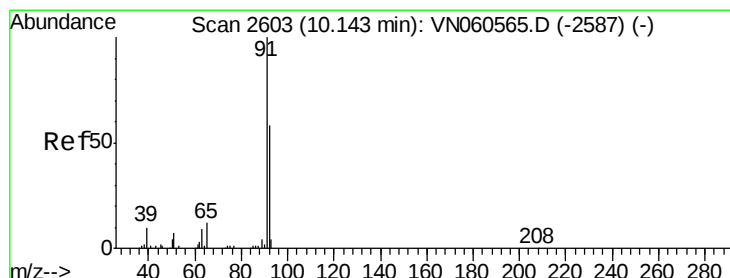
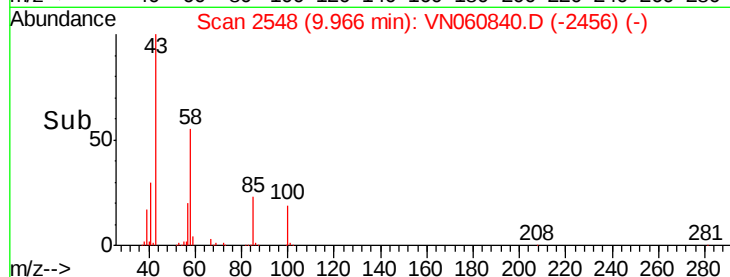
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.088 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060840.D

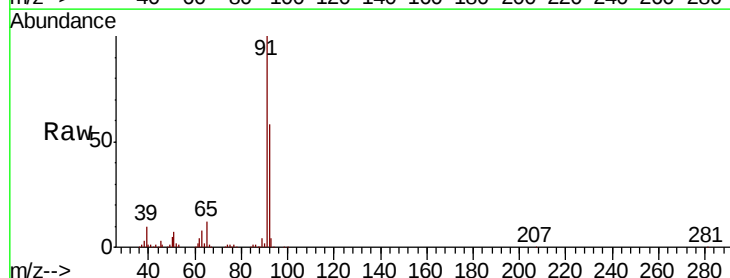
Acq: 6 Apr 2020 10:24

Tgt Ion: 92 Resp: 306250

Ion Ratio Lower Upper

92 100

91 172.1 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060565.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN060565.D (-2587) (-)

10.14

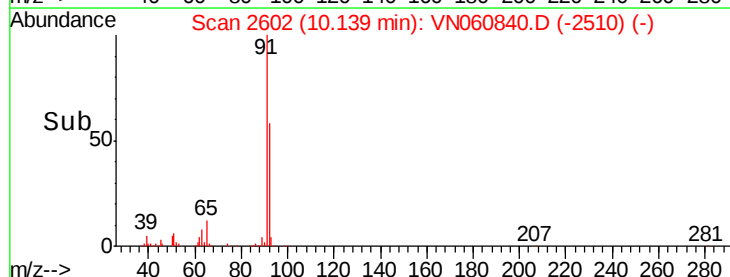
300000

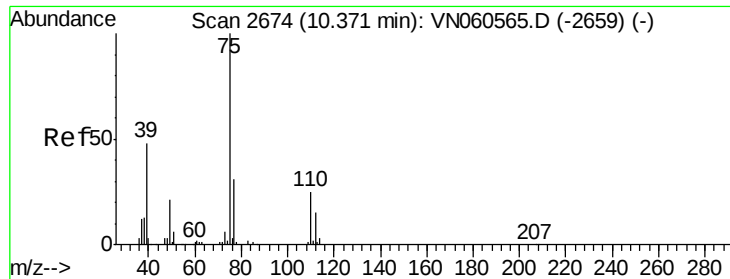
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.441 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

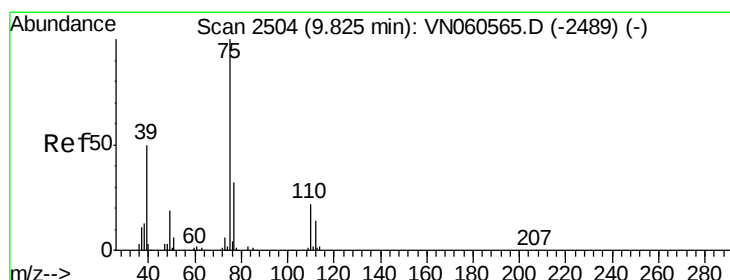
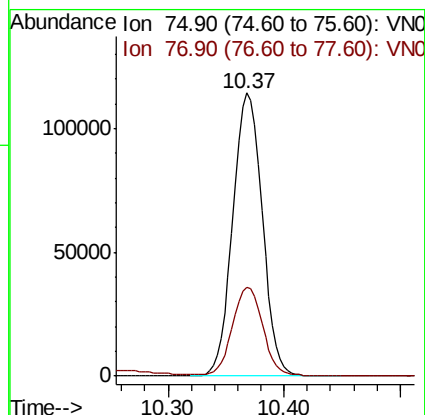
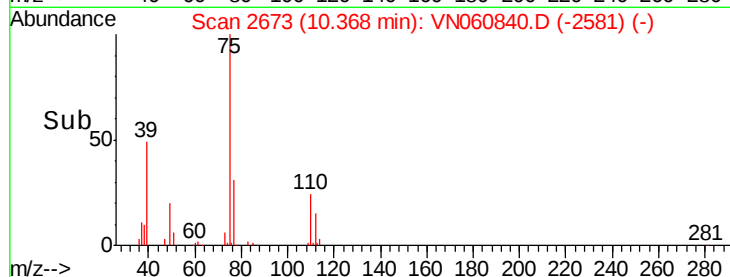
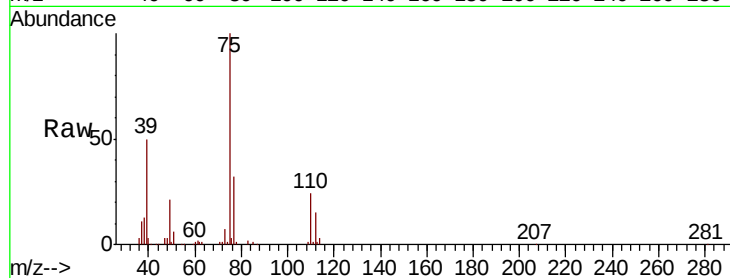
BFB

Tot Ion: 75 Resp: 201982

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 52.803 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

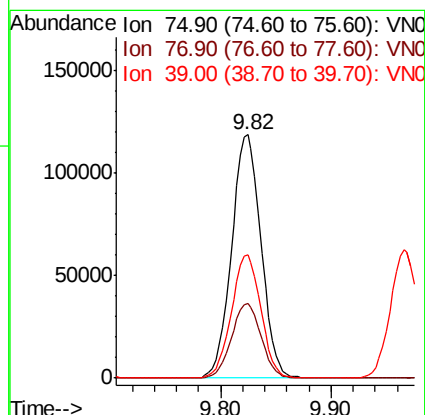
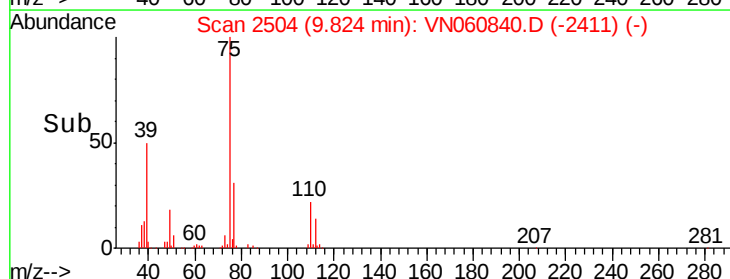
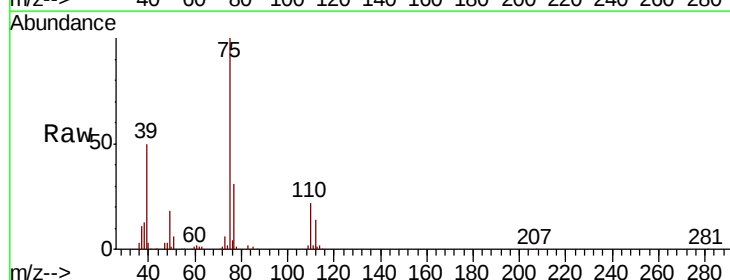
Tgt Ion: 75 Resp: 218939

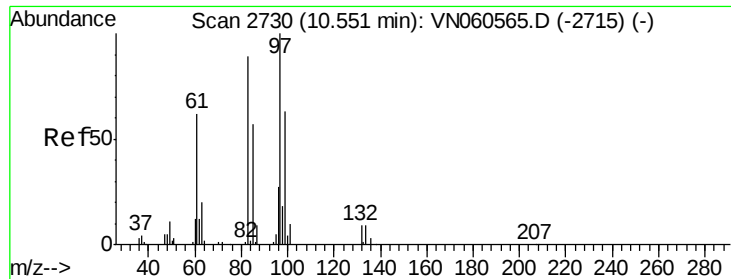
Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

39 50.5 40.2 60.4

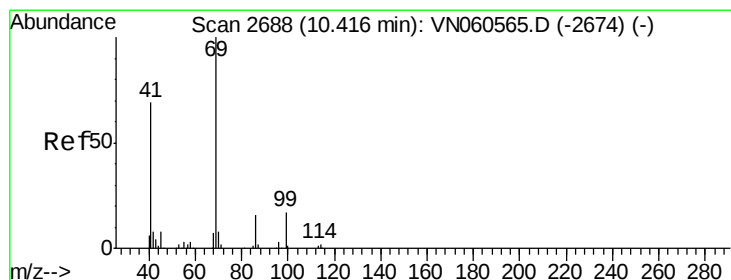
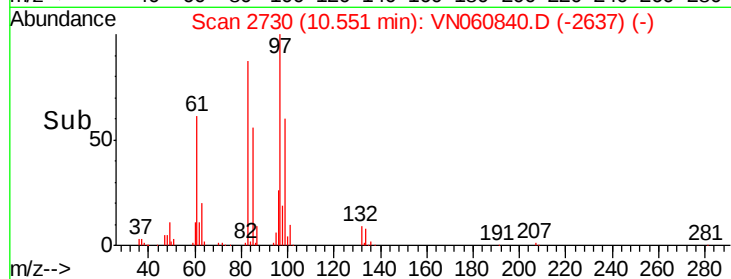
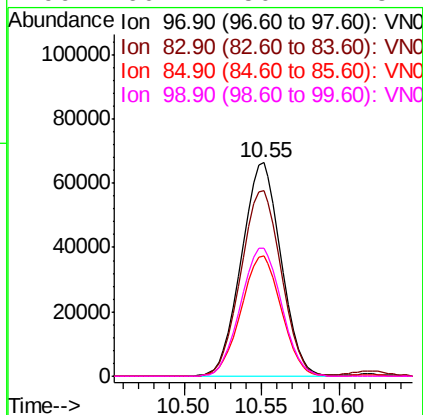
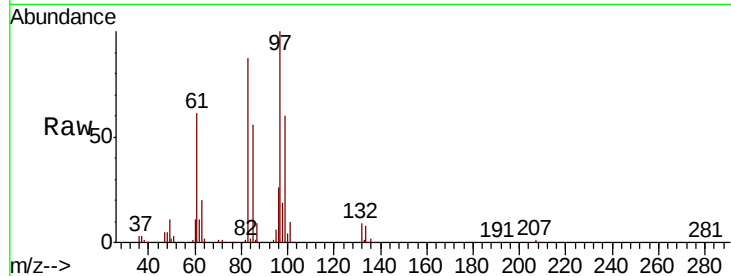




#55
 1,1,2-Trichloroethane
 Concen: 51.387 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

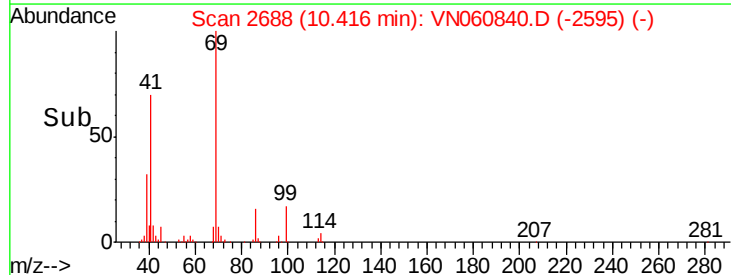
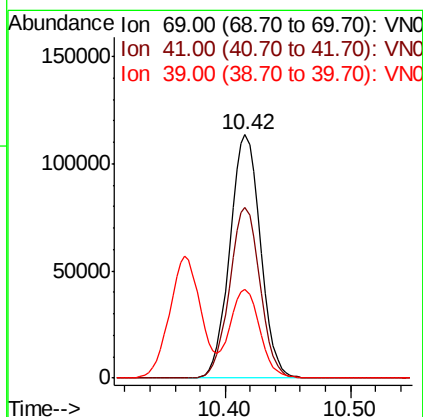
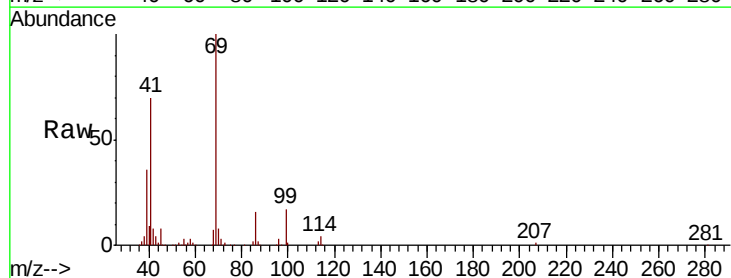
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

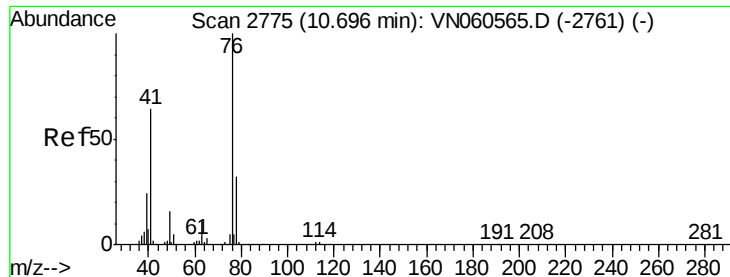
Tot Ion:	97	Resp:	118509
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.3	106.9
85	56.1	45.2	67.8
99	60.1	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 53.482 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

Tgt Ion:	69	Resp:	192316
Ion	Ratio	Lower	Upper
69	100		
41	69.2	55.4	83.2
39	35.7	29.4	44.0





#57

1,3-Dichloropropane

Concen: 51.457 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

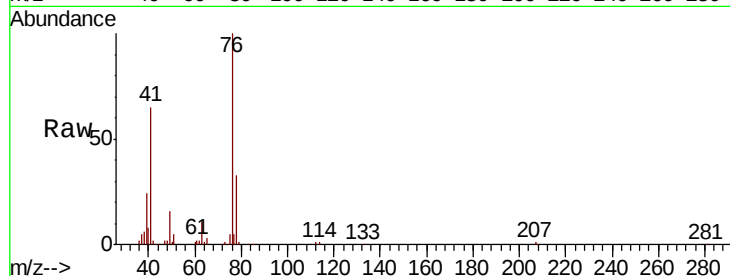
BFB

Tot Ion: 76 Resp: 205931

Ion Ratio Lower Upper

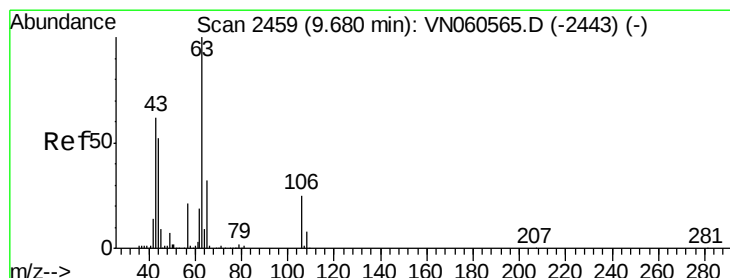
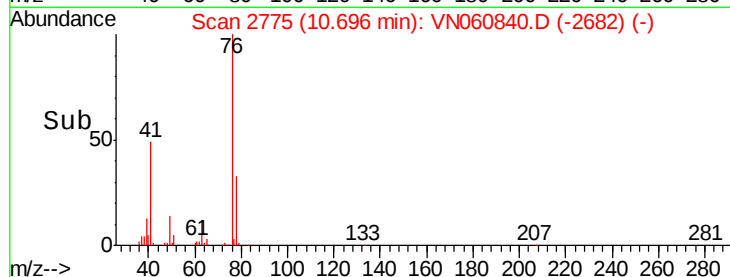
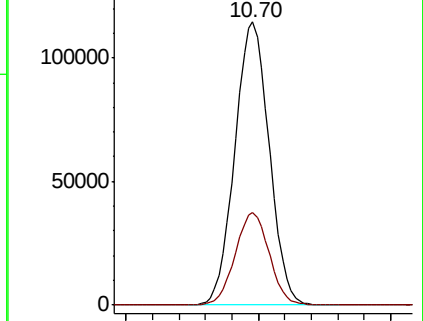
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 273.629 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060840.D

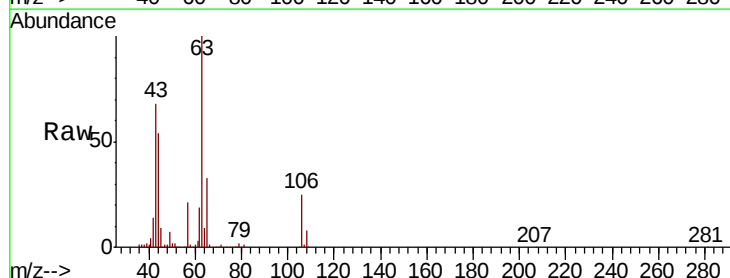
Acq: 6 Apr 2020 10:24

Tgt Ion: 63 Resp: 489031

Ion Ratio Lower Upper

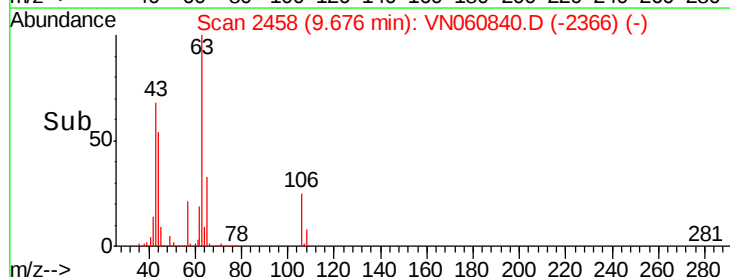
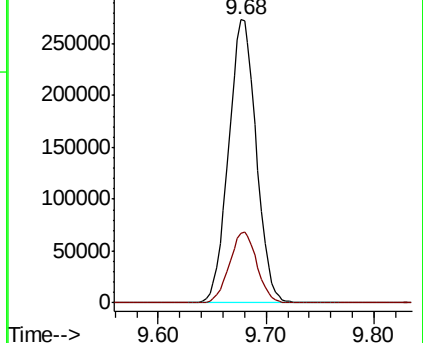
63 100

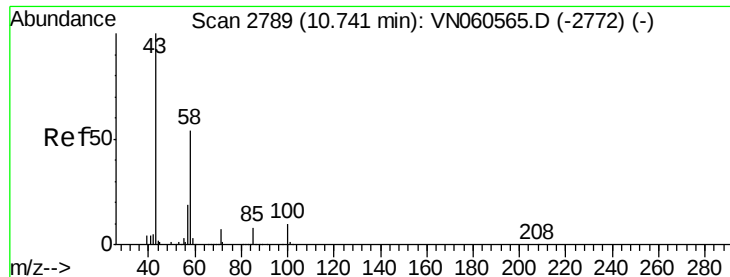
106 24.9 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

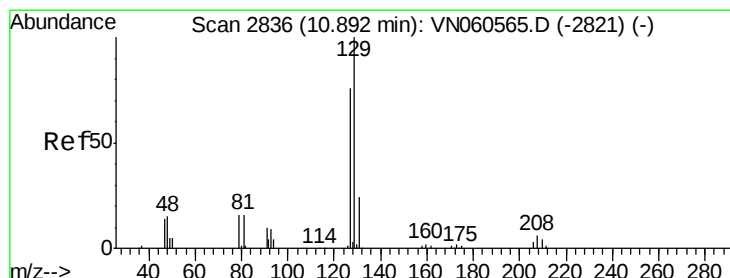
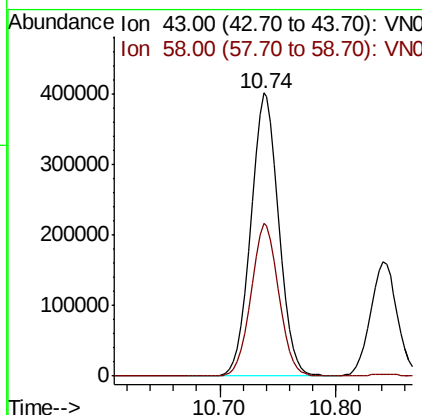
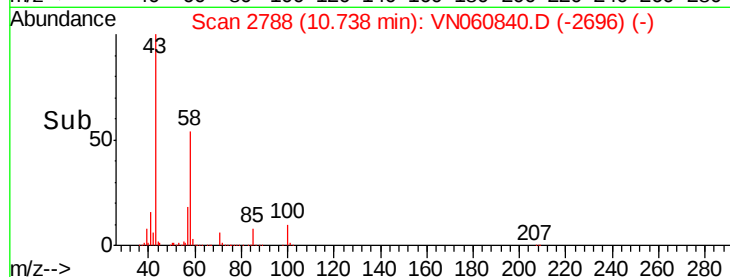
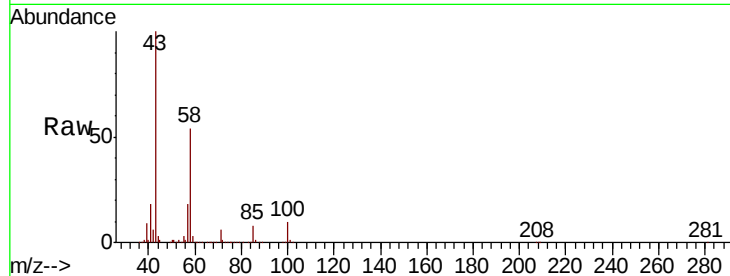




#59
2-Hexanone
Concen: 281.772 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

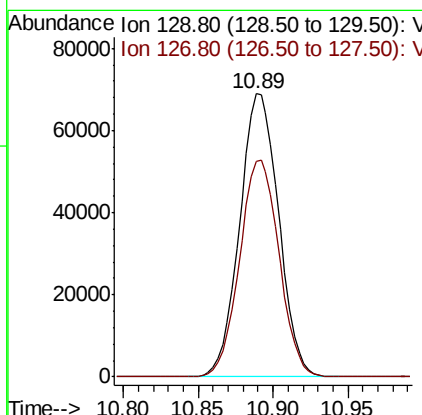
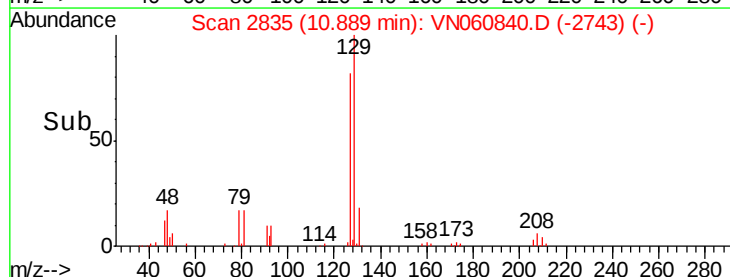
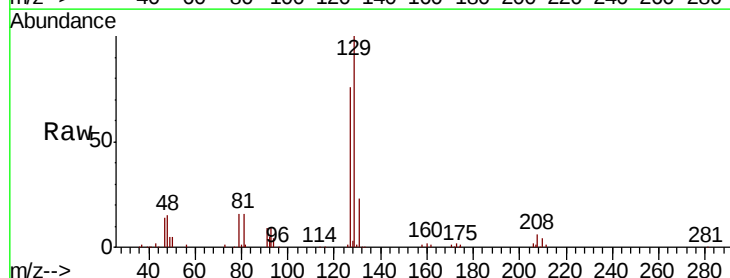
Instrument :
MSVOA_N
ClientSampled :
BFB

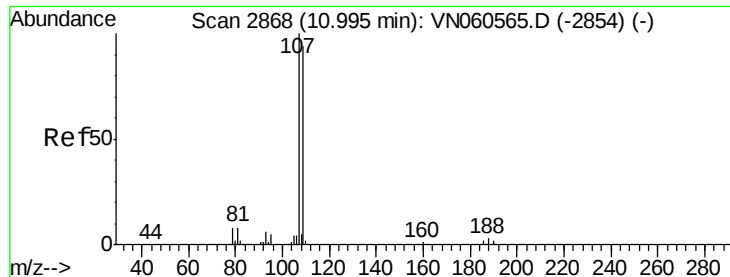
Tot Ion: 43 Resp: 676763
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1



#60
Dibromochloromethane
Concen: 52.572 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion: 129 Resp: 125237
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

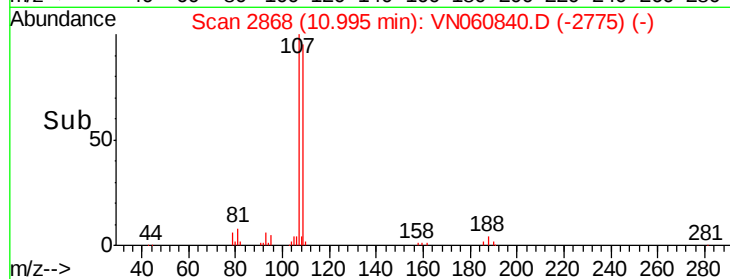
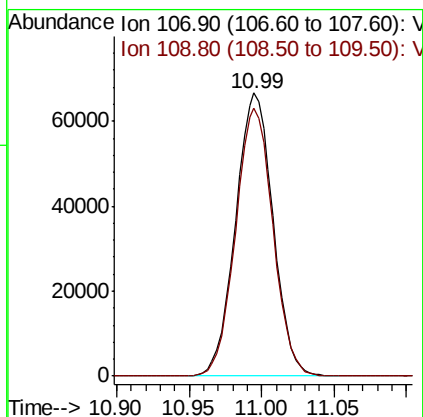
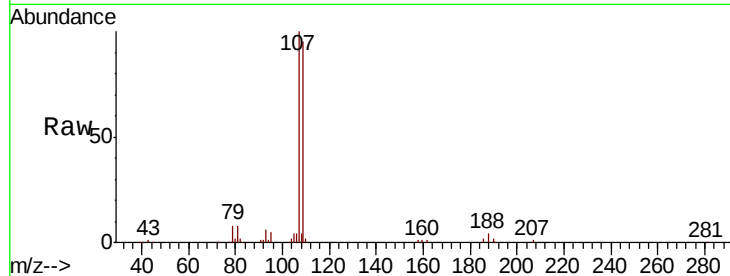




#61
 1,2-Dibromoethane
 Concen: 51.511 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

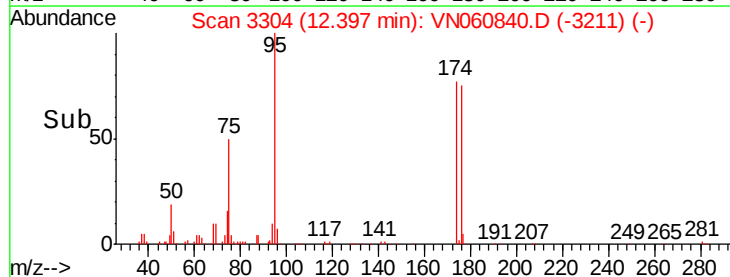
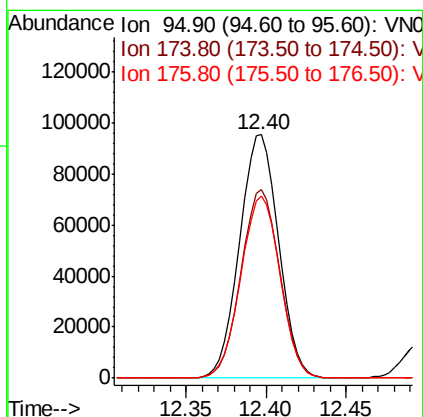
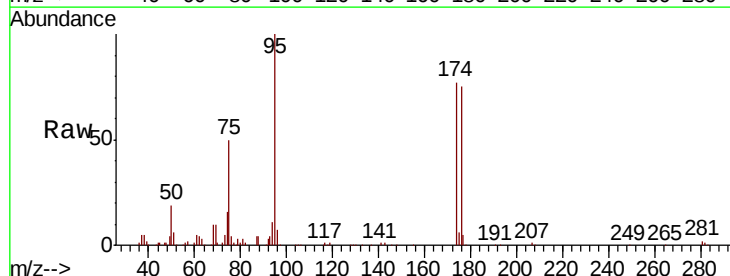
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion:107 Resp: 119455
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 51.686 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

Tgt Ion: 95 Resp: 158863
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 157.6
 176 75.3 0.0 150.6

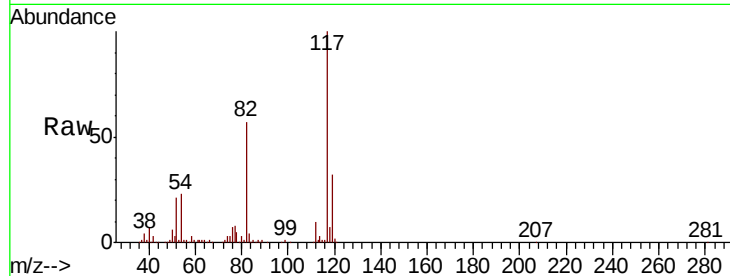




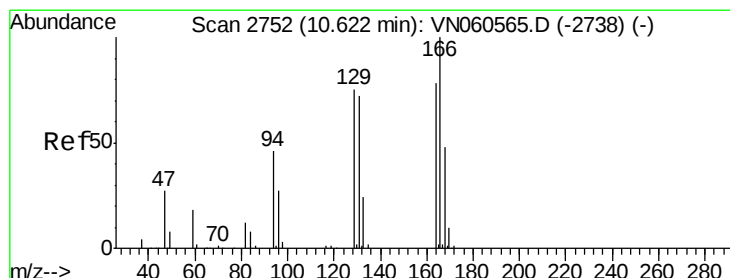
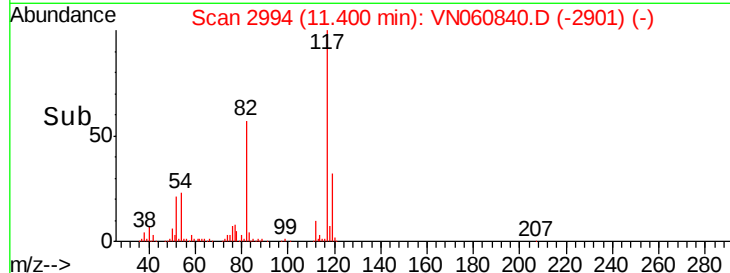
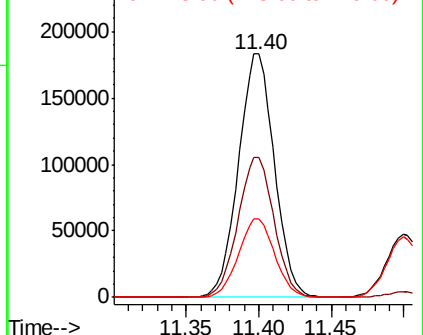
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:117 Resp: 314566
Ion Ratio Lower Upper
117 100
82 57.2 46.7 70.1
119 32.4 25.5 38.3

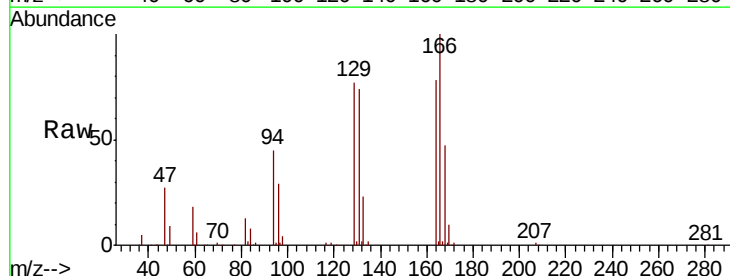


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

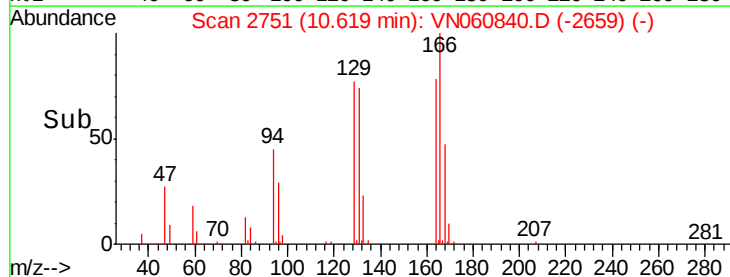
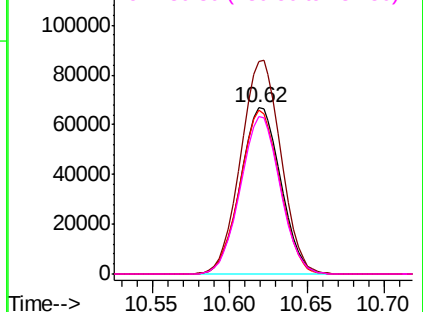


#64
Tetrachloroethene
Concen: 49.049 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion:164 Resp: 121414
Ion Ratio Lower Upper
164 100
166 128.3 102.7 154.1
129 98.5 77.2 115.8
131 94.7 73.8 110.6



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

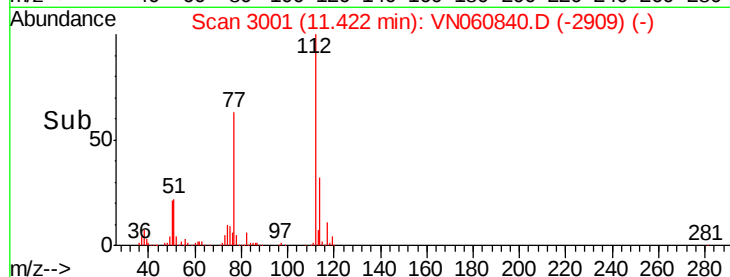
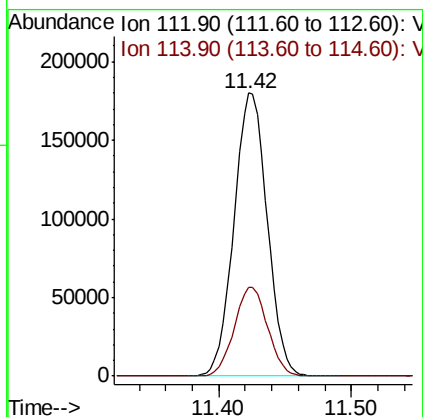
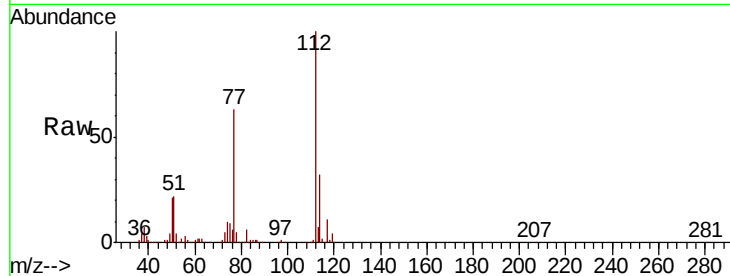




#65
Chlorobenzene
Concen: 50.163 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

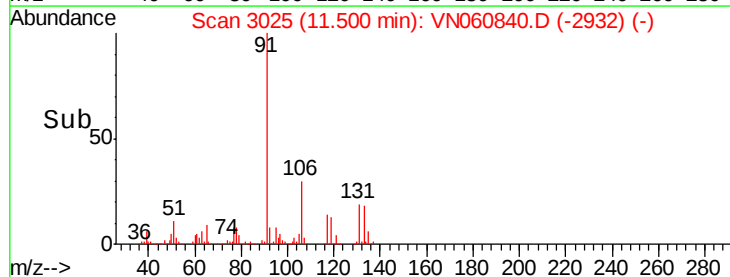
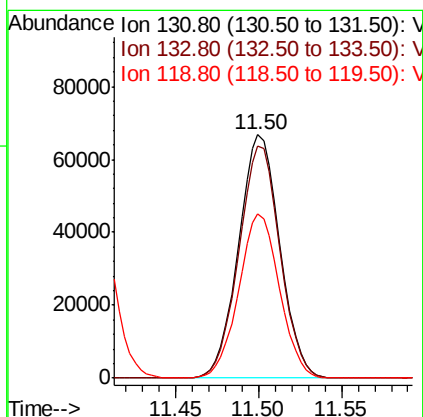
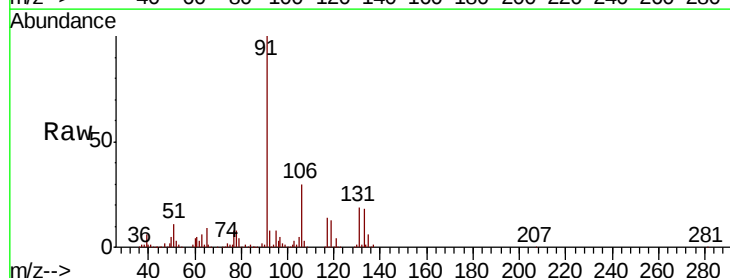
Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion:112 Resp: 312817
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.018 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion:131 Resp: 115190
Ion Ratio Lower Upper
131 100
133 95.5 48.9 146.8
119 66.9 33.9 101.7





#67

Ethyl Benzene

Concen: 51.438 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

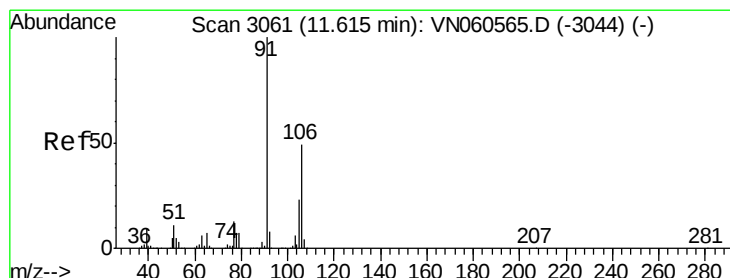
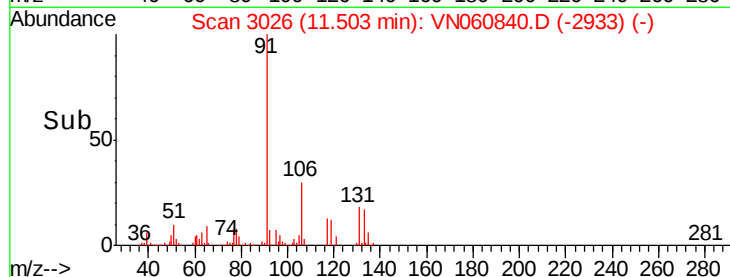
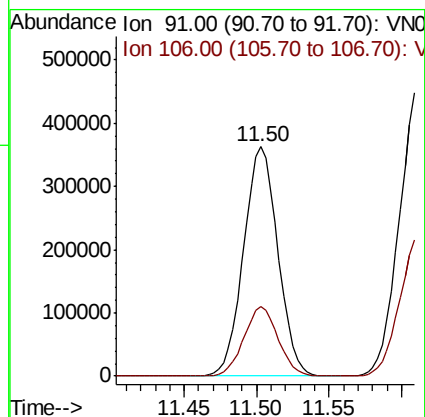
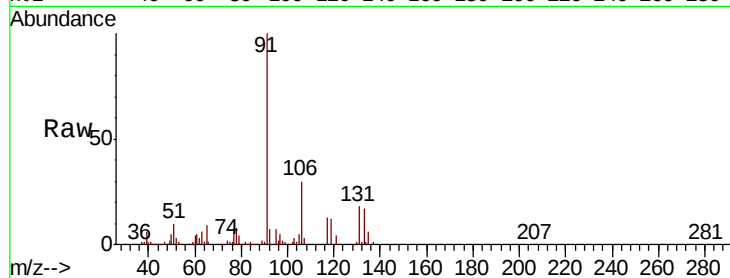
BFB

Tot Ion: 91 Resp: 596508

Ion Ratio Lower Upper

91 100

106 30.1 24.2 36.2



#68

m/p-Xylenes

Concen: 101.619 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060840.D

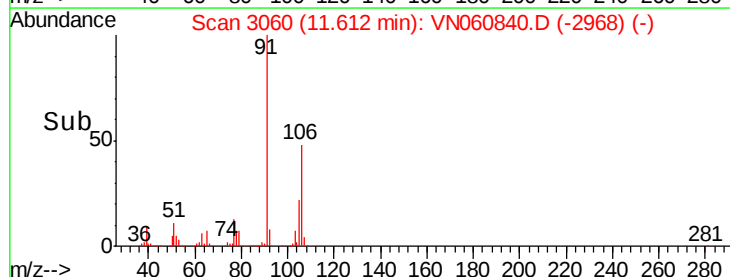
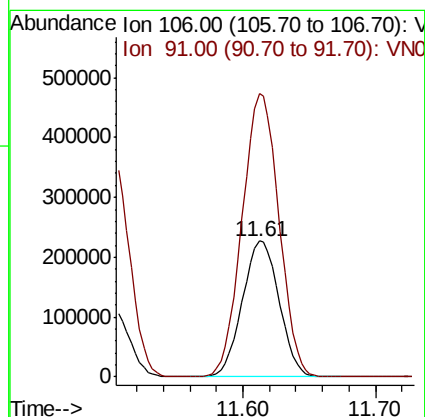
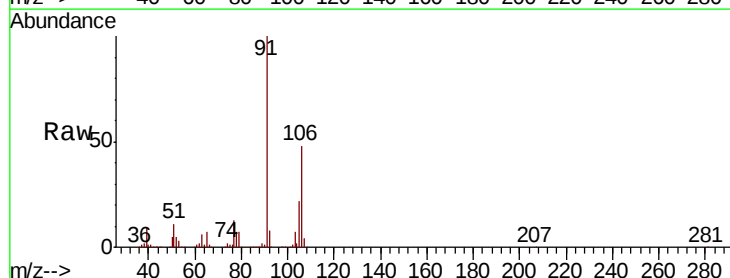
Acq: 6 Apr 2020 10:24

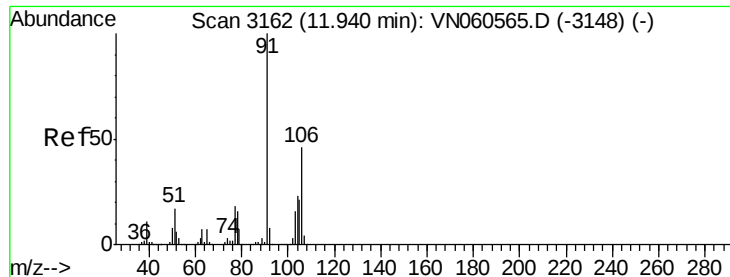
Tgt Ion: 106 Resp: 437916

Ion Ratio Lower Upper

106 100

91 208.2 165.0 247.4

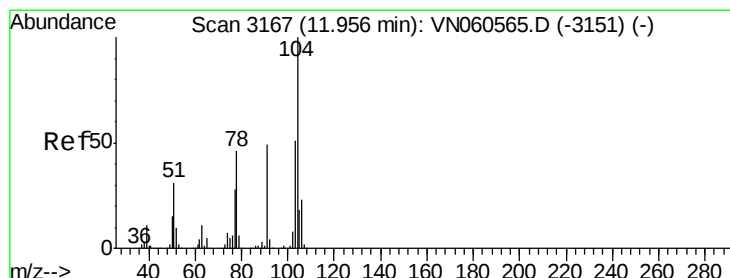
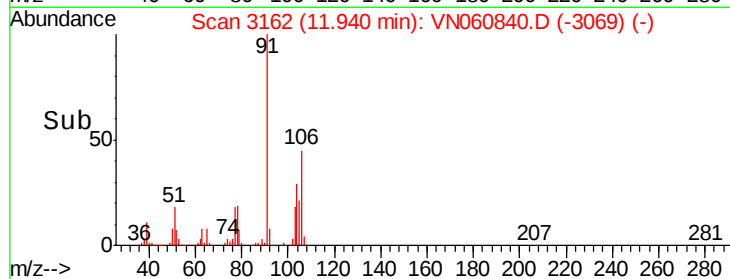
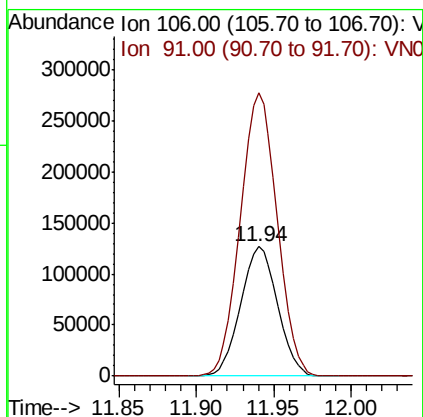
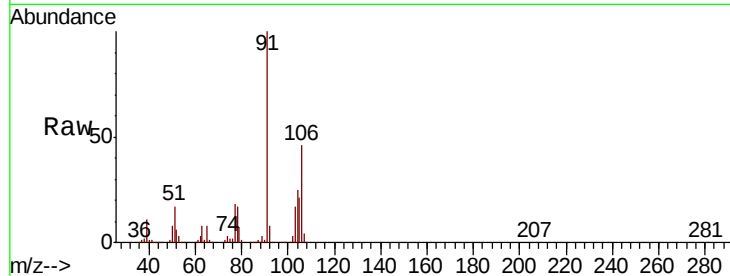




#69
o-Xylene
Concen: 51.149 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

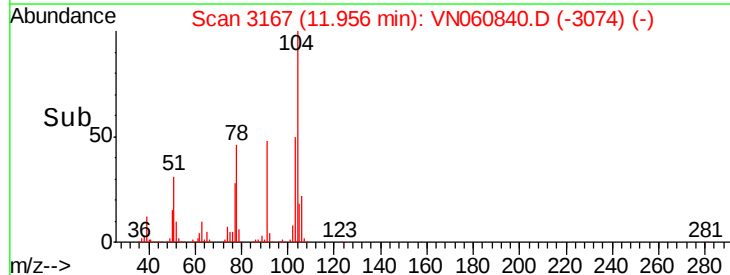
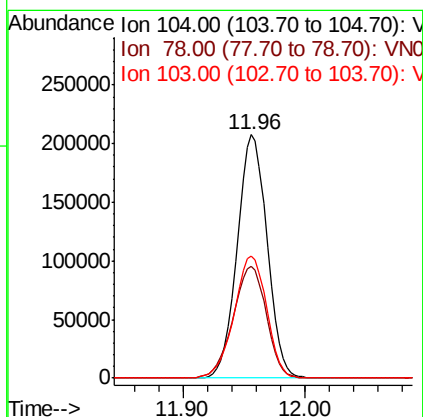
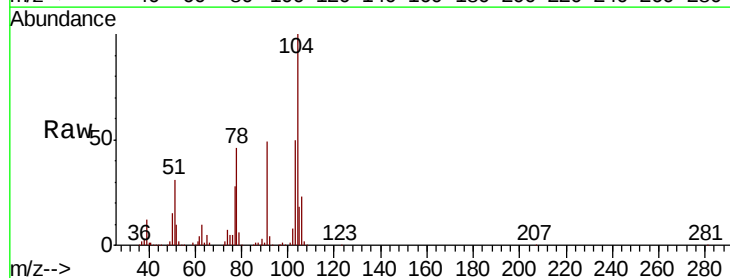
Instrument :
MSVOA_N
ClientSampled :
BFB

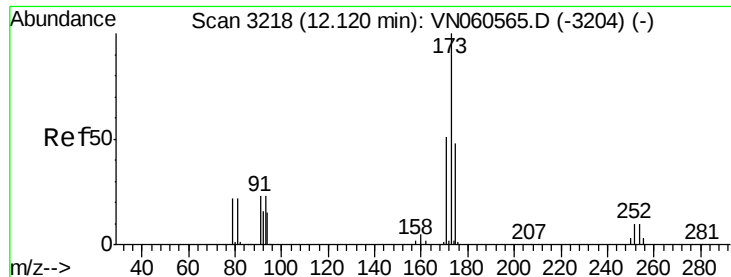
Tot Ion:106 Resp: 210418
Ion Ratio Lower Upper
106 100
91 218.6 109.5 328.4



#70
Styrene
Concen: 52.117 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion:104 Resp: 350649
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 54.6 44.0 66.0





#71

Bromoform

Concen: 47.955 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

BFB

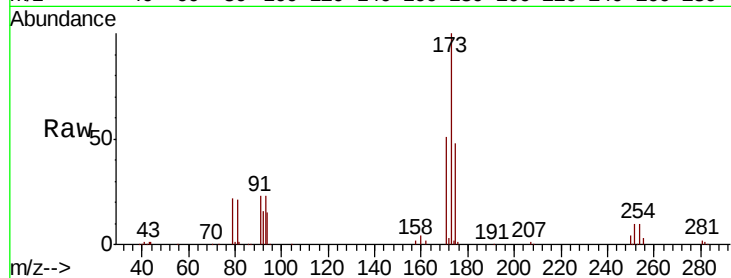
Tot Ion:173 Resp: 89856

Ion Ratio Lower Upper

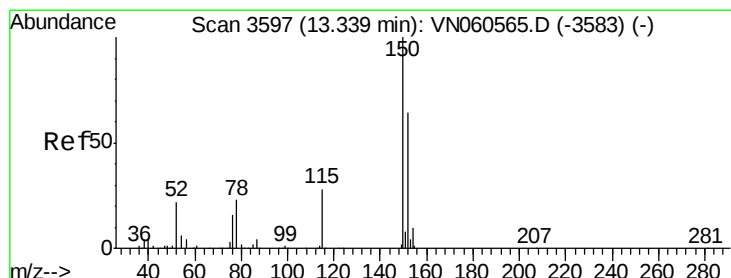
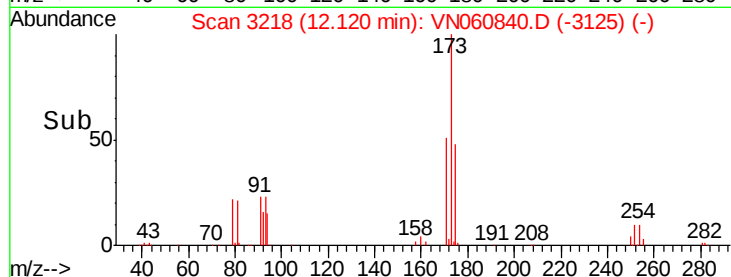
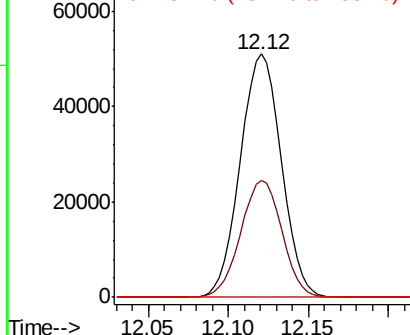
173 100

175 48.1 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

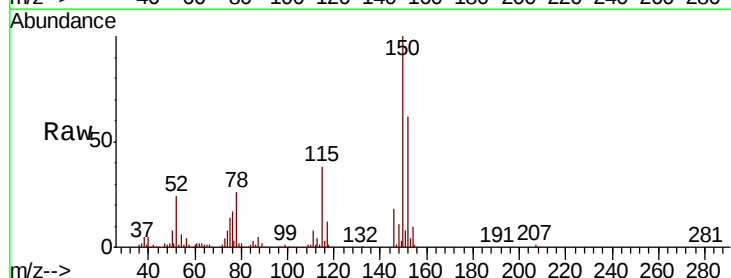
Tgt Ion:152 Resp: 153951

Ion Ratio Lower Upper

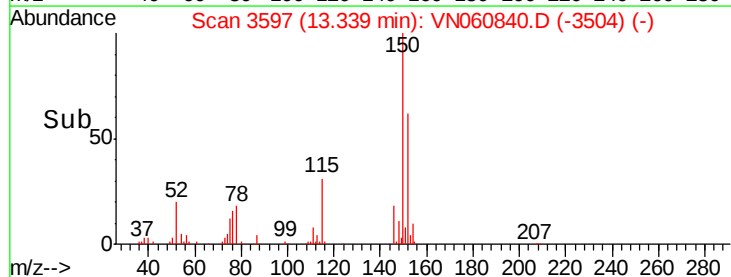
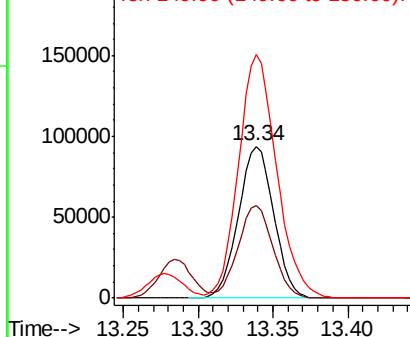
152 100

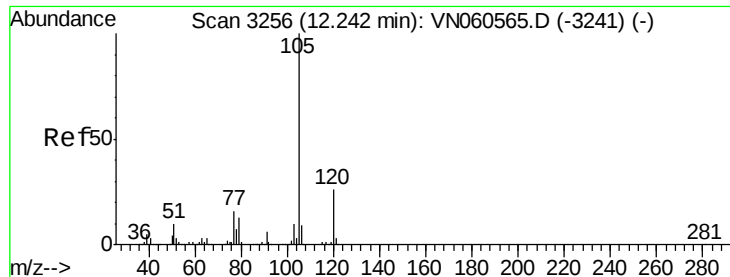
115 60.4 30.2 90.6

150 174.0 0.0 350.2



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





#73

Isopropylbenzene

Concen: 49.234 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

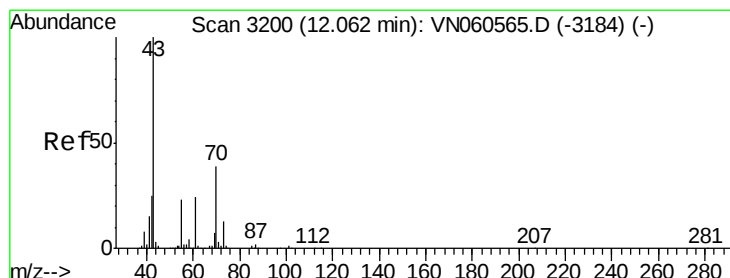
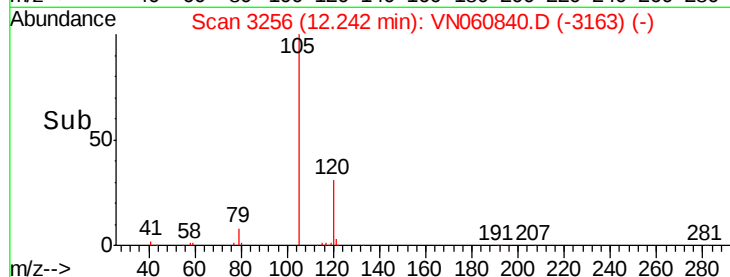
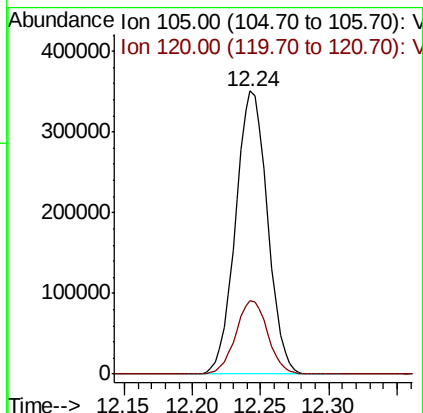
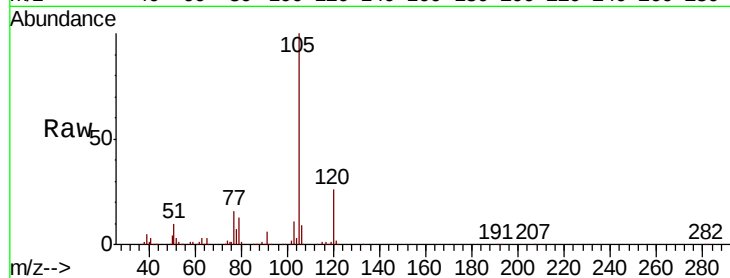
BFB

Tot Ion:105 Resp: 568824

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



#74

N-ethyl acetate

Concen: 49.080 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Tgt Ion: 43 Resp: 262021

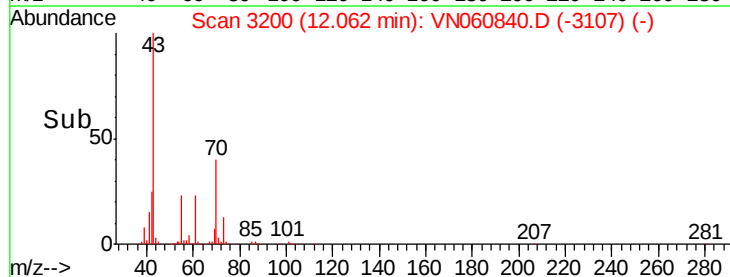
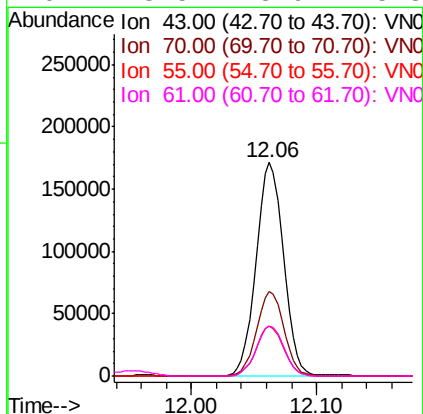
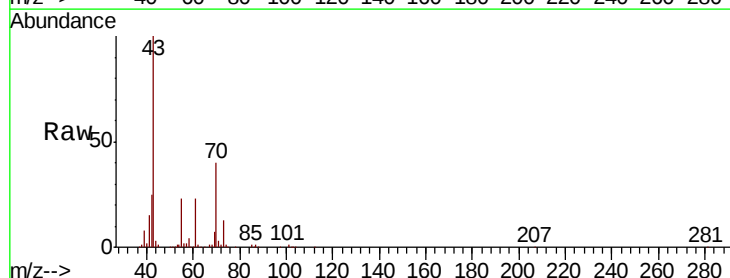
Ion Ratio Lower Upper

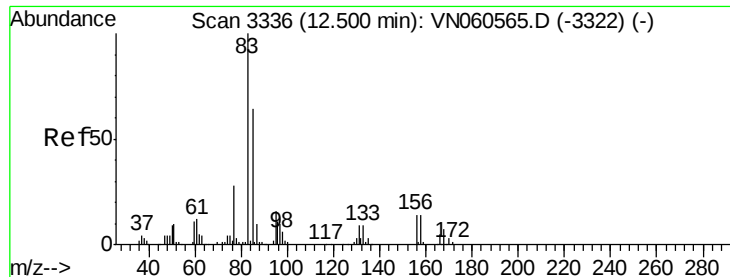
43 100

70 39.4 31.1 46.7

55 23.5 18.6 27.8

61 23.5 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.007 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

BFB

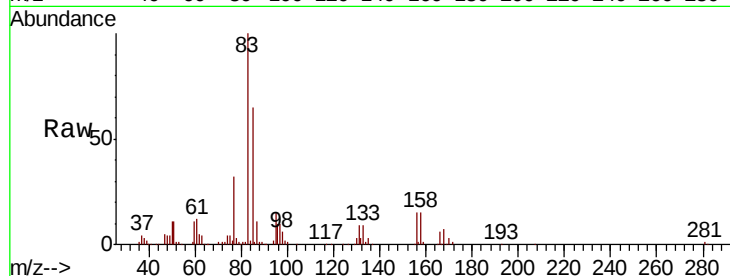
Tot Ion: 83 Resp: 167730

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

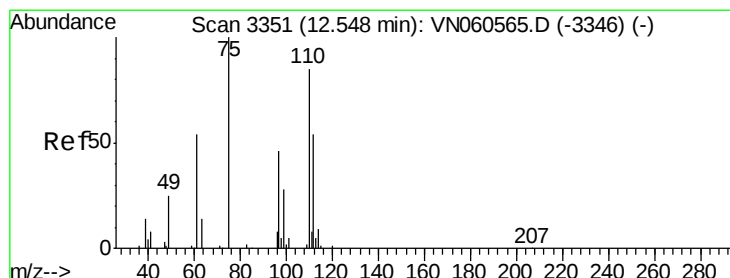
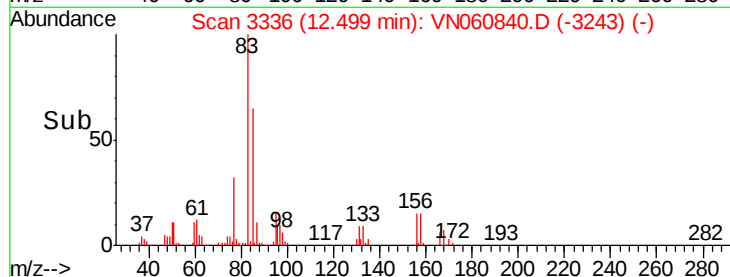
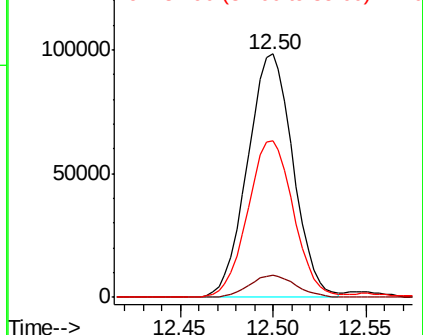
85 64.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060840.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060840.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060840.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 70.701 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060840.D

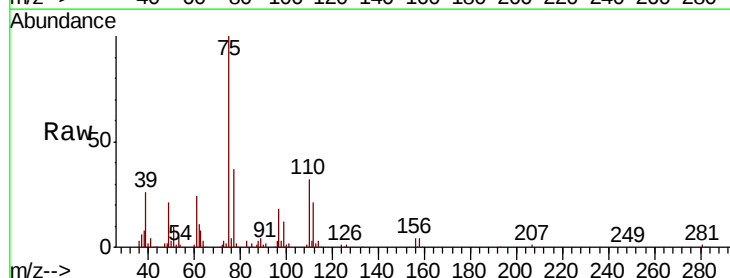
Acq: 6 Apr 2020 10:24

Tgt Ion: 75 Resp: 234864

Ion Ratio Lower Upper

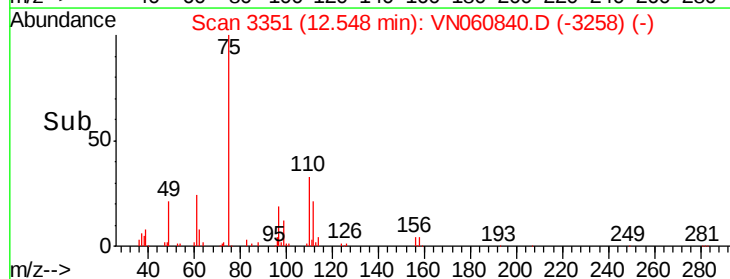
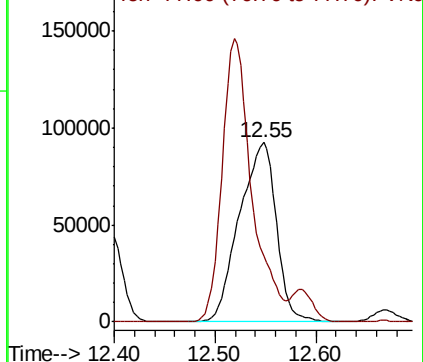
75 100

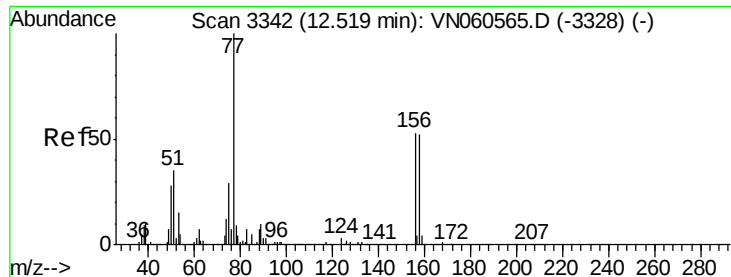
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060840.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060840.D (-3258) (-)





#77

Bromobenzene

Concen: 48.506 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

BFB

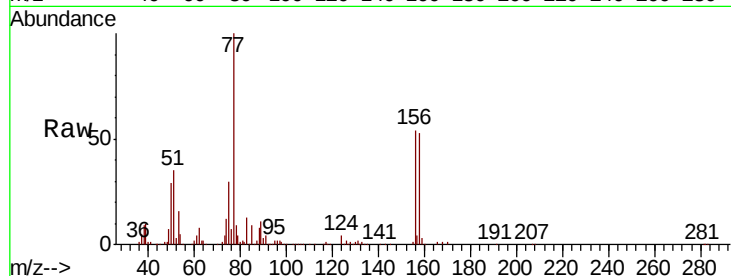
Tot Ion:156 Resp: 135040

Ion Ratio Lower Upper

156 100

77 223.2 112.3 337.0

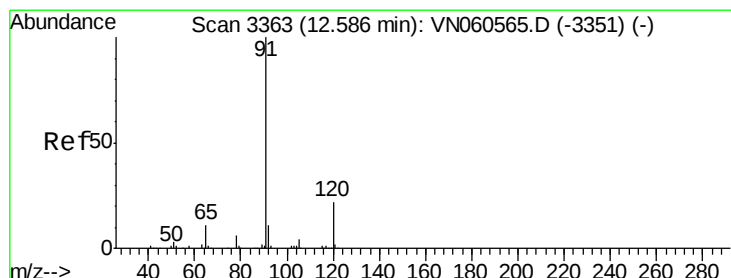
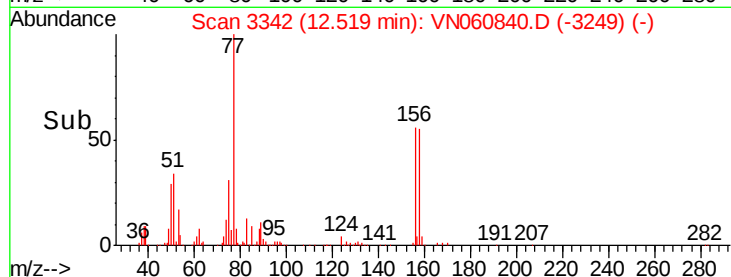
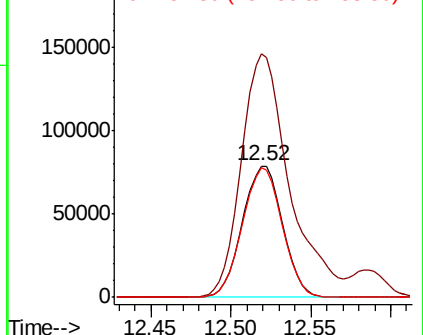
158 97.5 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.960 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060840.D

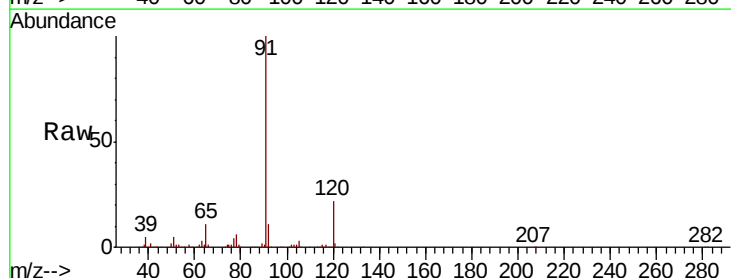
Acq: 6 Apr 2020 10:24

Tgt Ion: 91 Resp: 681938

Ion Ratio Lower Upper

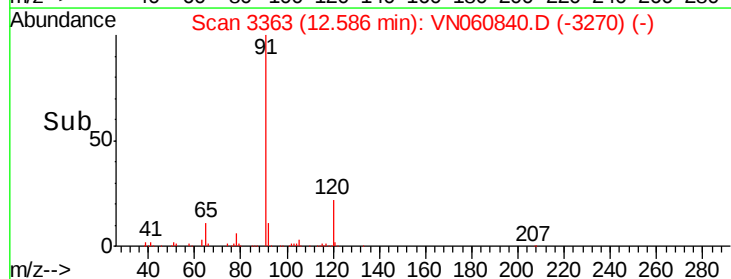
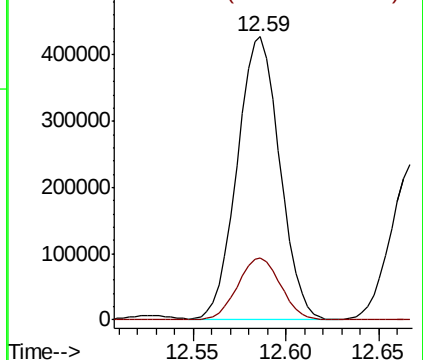
91 100

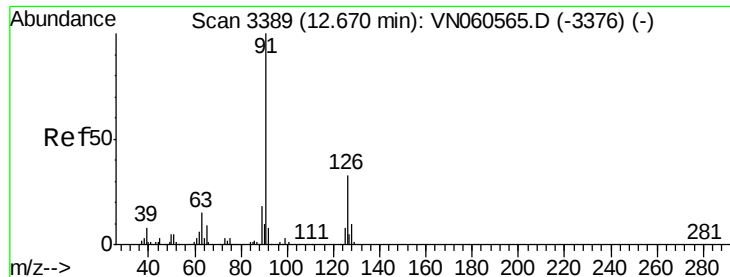
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.377 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

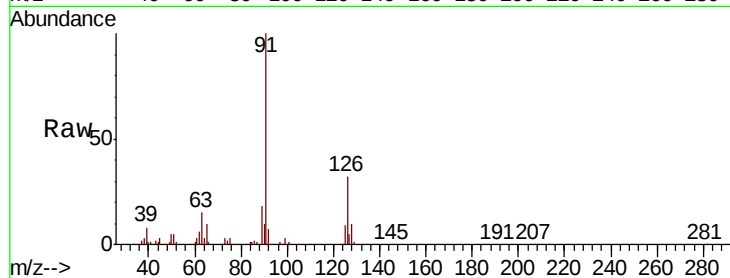
BFB

Tot Ion: 91 Resp: 394543

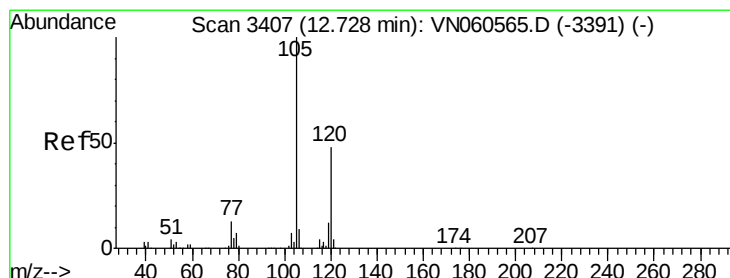
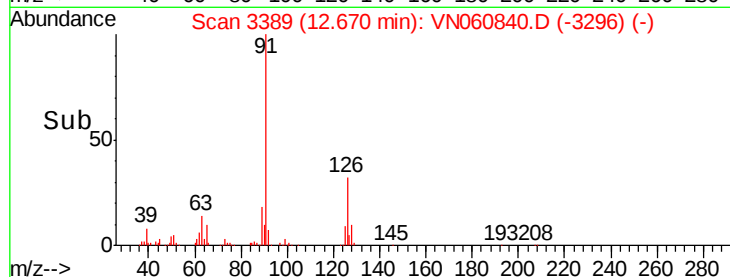
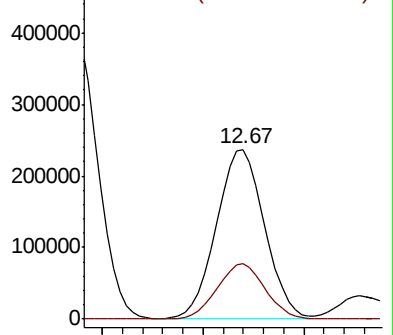
Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060840.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.465 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060840.D

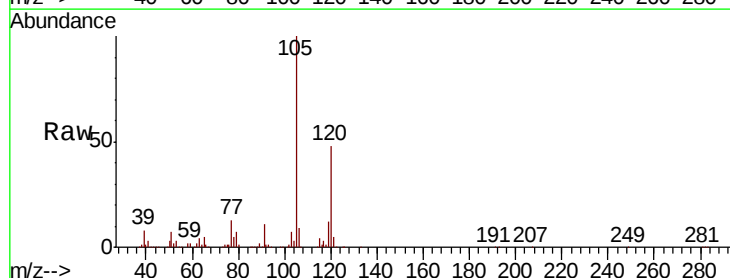
Acq: 6 Apr 2020 10:24

Tgt Ion:105 Resp: 484979

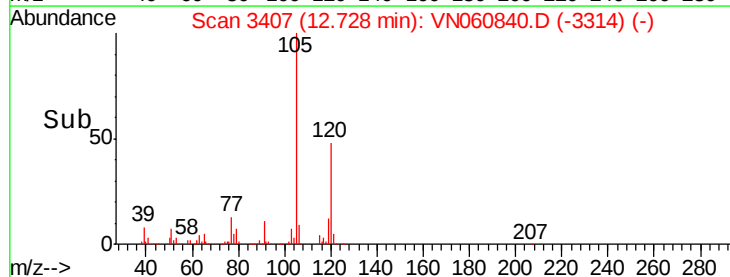
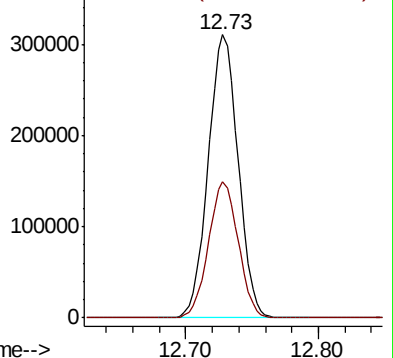
Ion Ratio Lower Upper

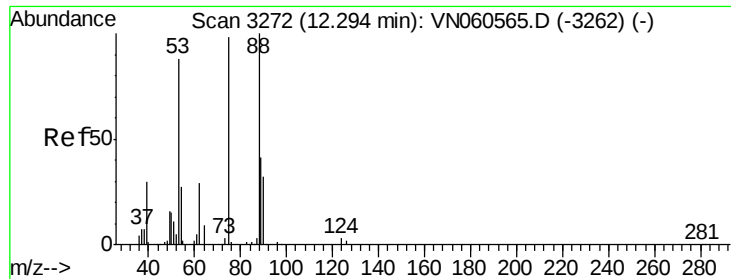
105 100

120 47.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060840.D (-3391) (-)

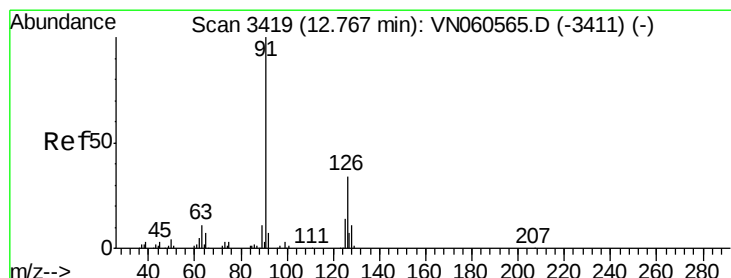
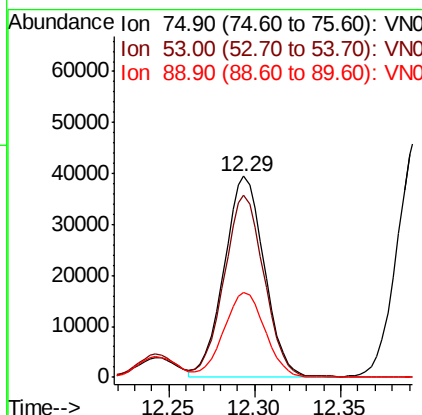
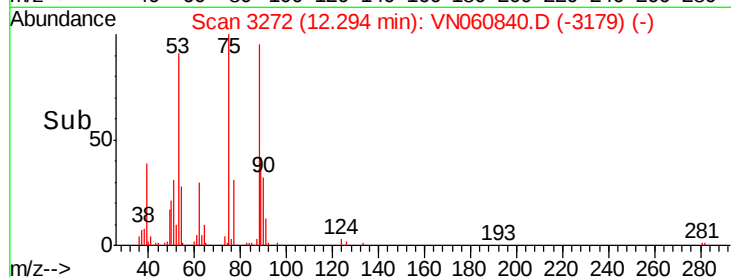
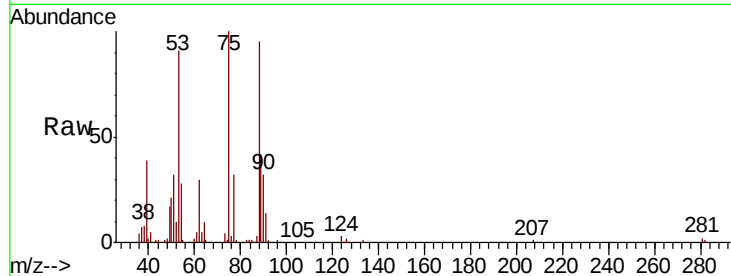




#81
trans-1,4-Dichloro-2-butene
Concen: 49.996 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

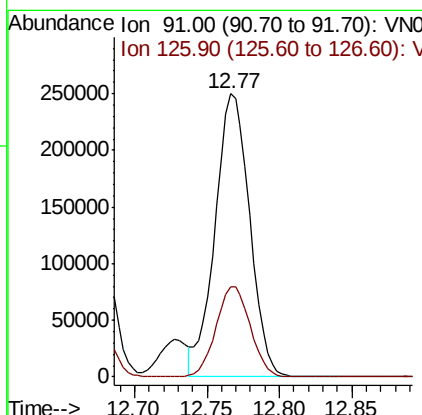
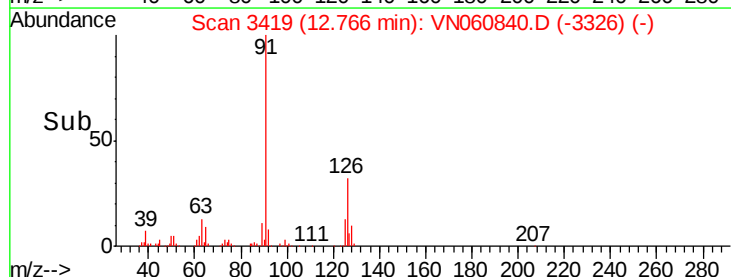
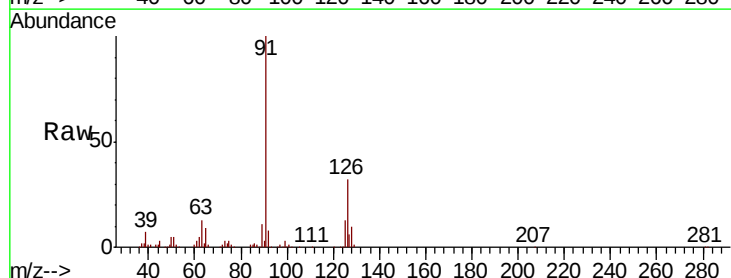
Instrument :
MSVOA_N
ClientSampled :
BFB

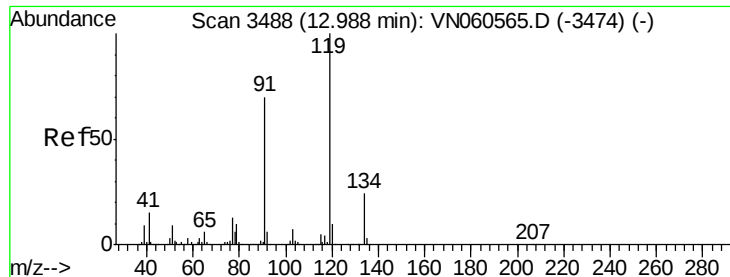
Tot Ion: 75 Resp: 64667
Ion Ratio Lower Upper
75 100
53 89.2 73.0 109.4
89 43.0 34.8 52.2



#82
4-Chlorotoluene
Concen: 49.917 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion: 91 Resp: 414630
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.5

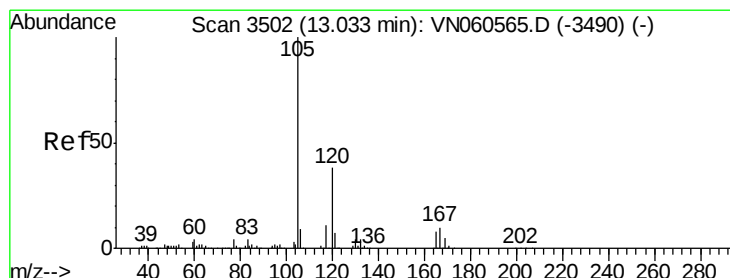
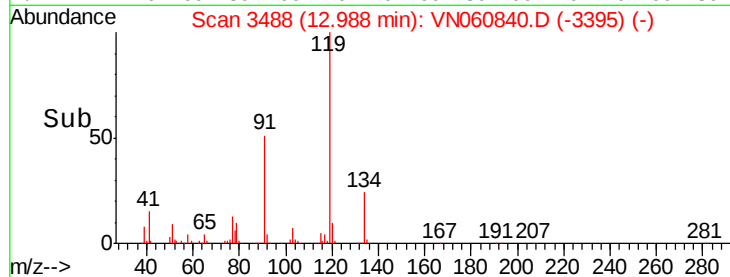
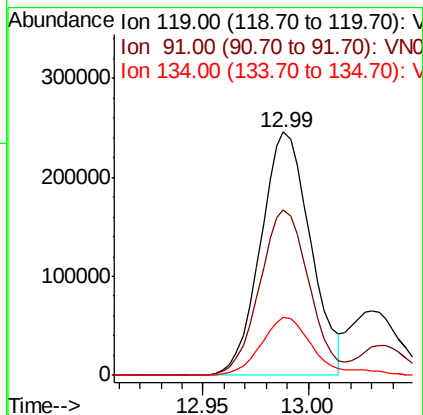
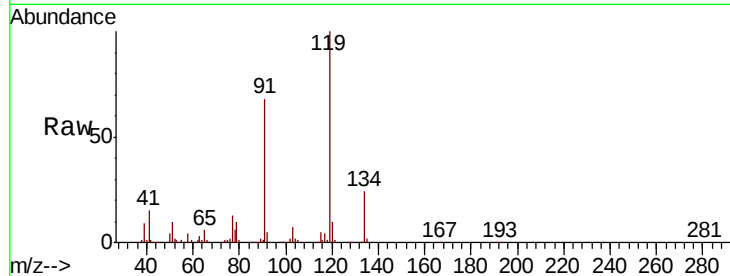




#83
 tert-Butylbenzene
 Concen: 49.695 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

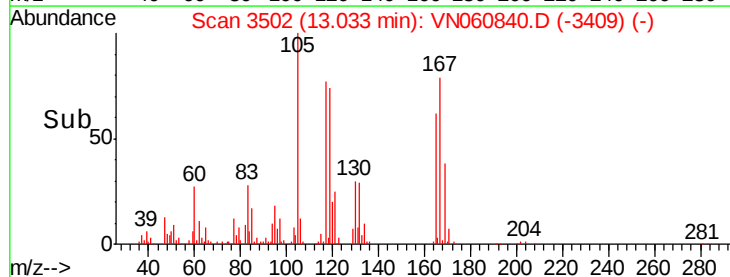
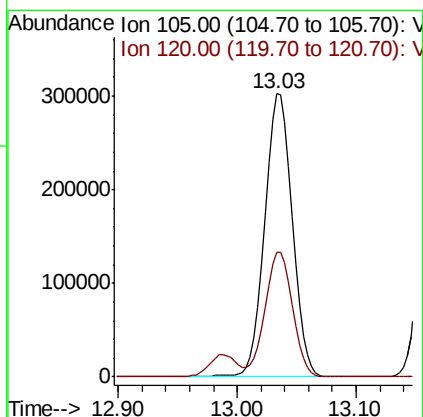
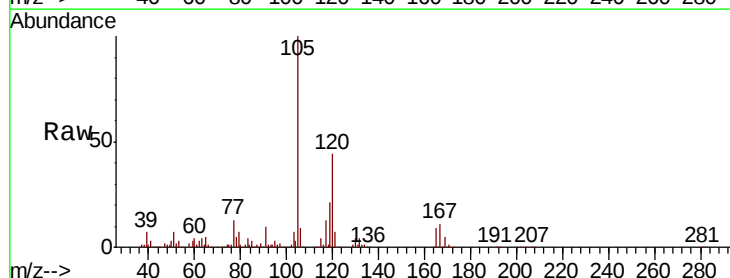
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

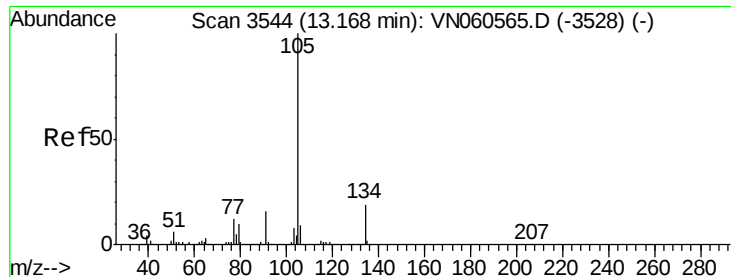
Tot Ion:119 Resp: 403902
 Ion Ratio Lower Upper
 119 100
 91 67.5 34.0 101.8
 134 25.0 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.139 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

Tgt Ion:105 Resp: 486329
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.5





#85

sec-Butylbenzene

Concen: 51.580 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

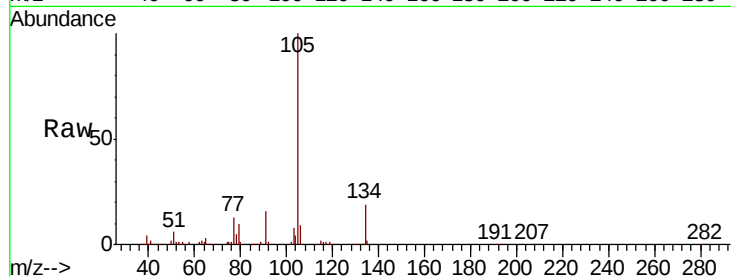
BFB

Tot Ion:105 Resp: 563736

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

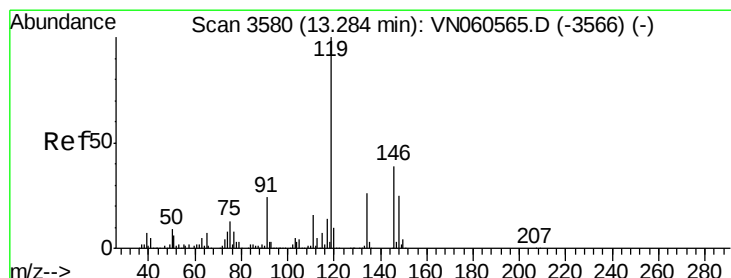
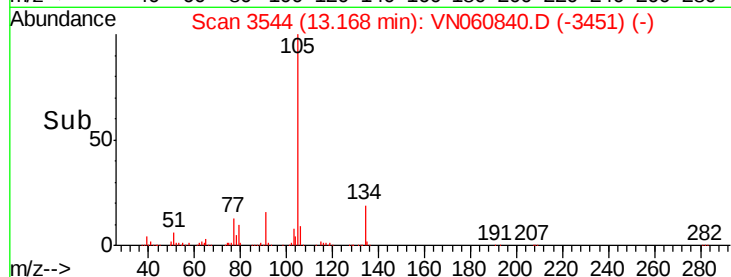
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.753 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

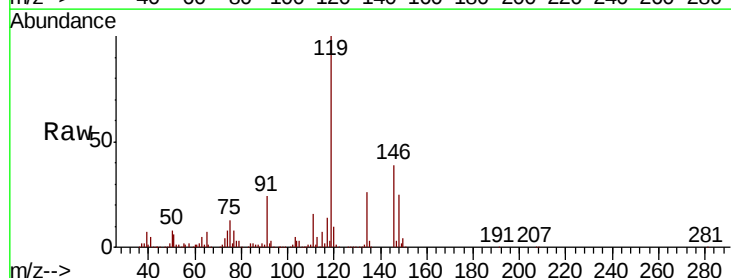
Tgt Ion:119 Resp: 508629

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 23.9 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.28

400000

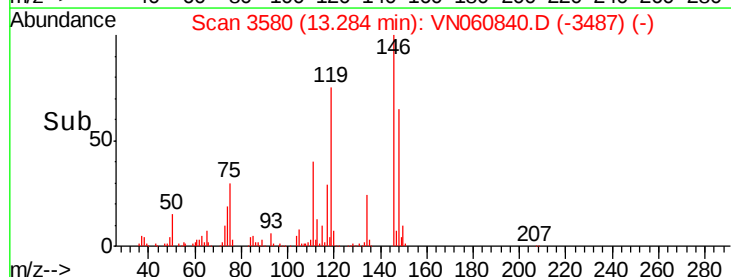
300000

200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.270 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampled :

BFB

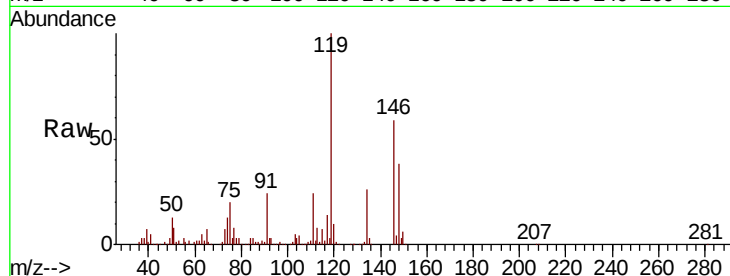
Tot Ion:146 Resp: 246830

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

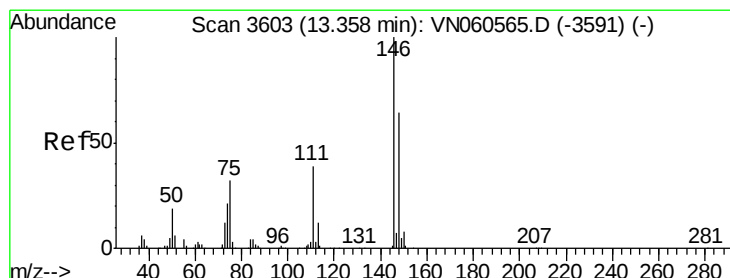
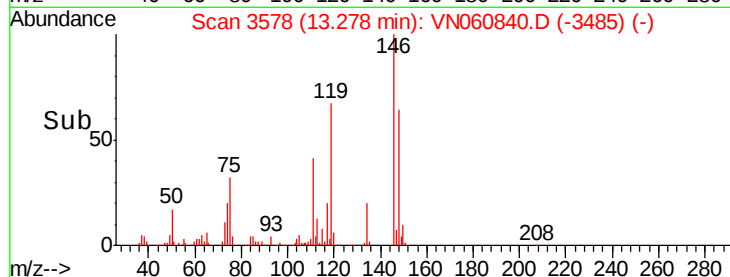
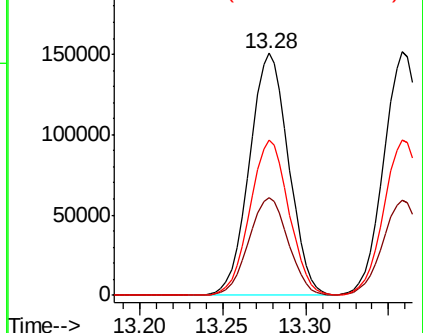
148 63.8 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.989 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

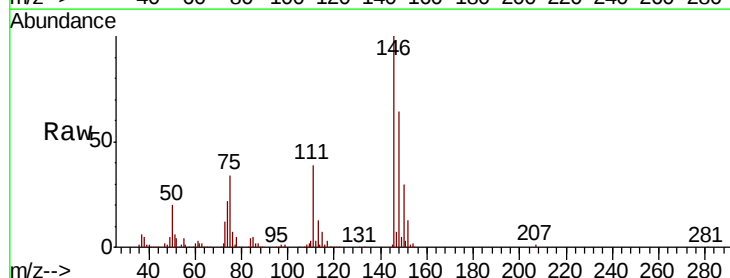
Tgt Ion:146 Resp: 246602

Ion Ratio Lower Upper

146 100

111 39.7 19.6 58.7

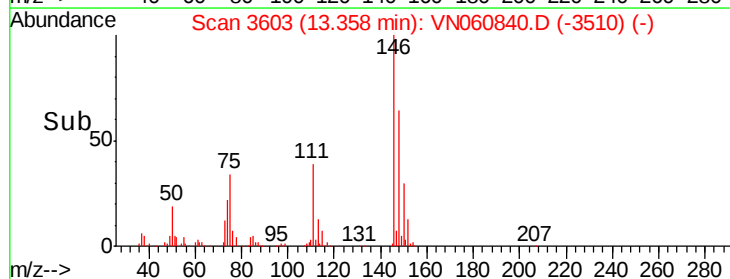
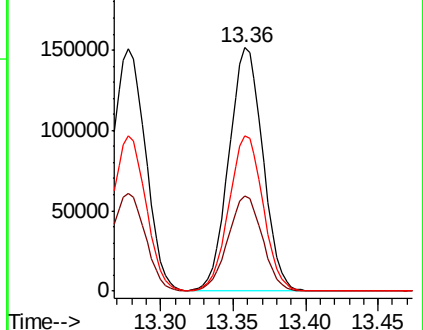
148 64.1 32.1 96.3

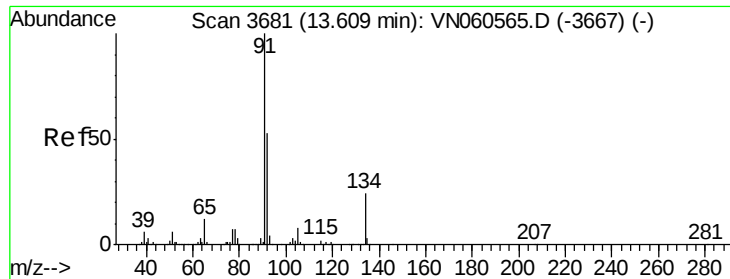


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

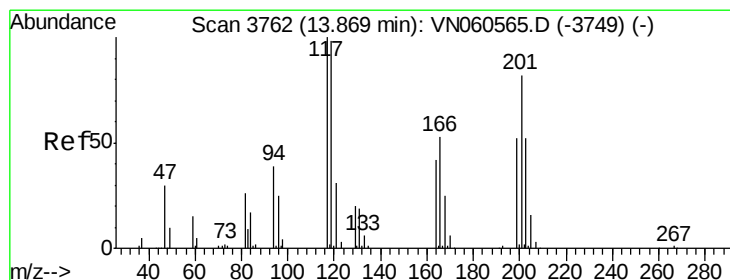
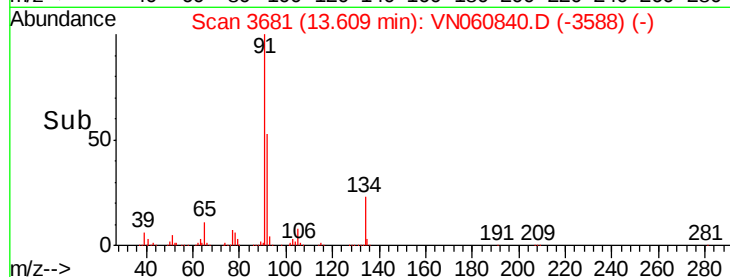
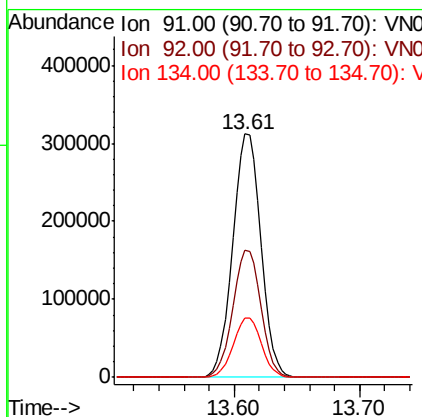
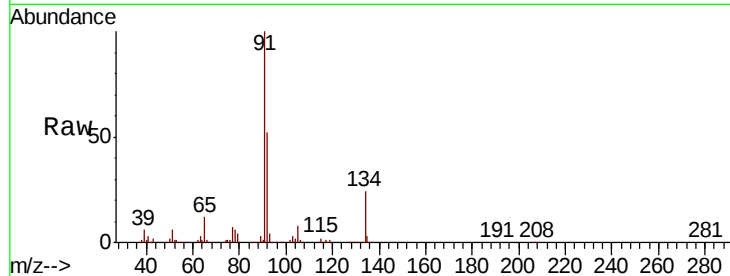




#89
n-Butylbenzene
Concen: 54.761 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

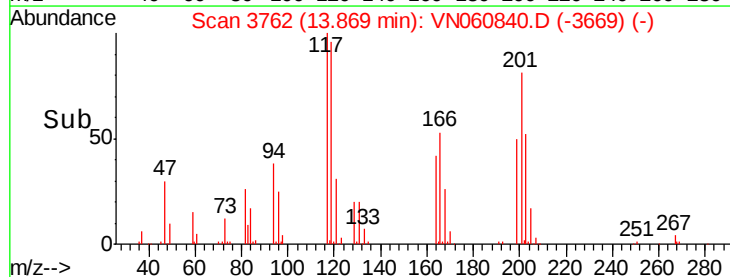
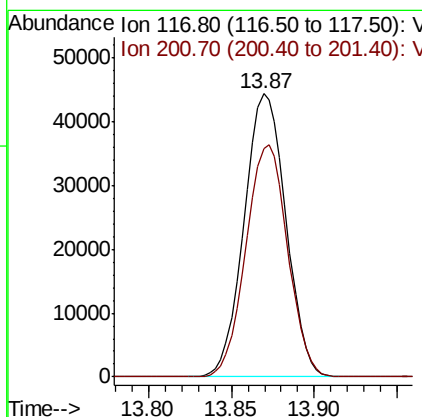
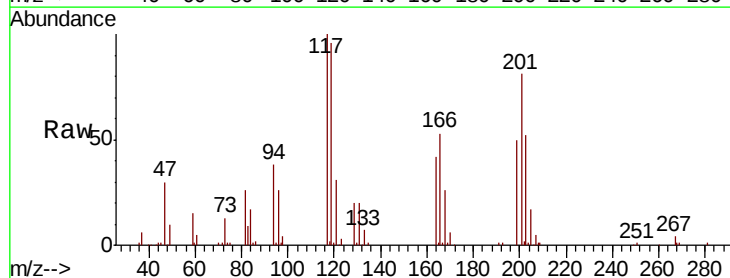
Instrument :
MSVOA_N
ClientSampled :
BFB

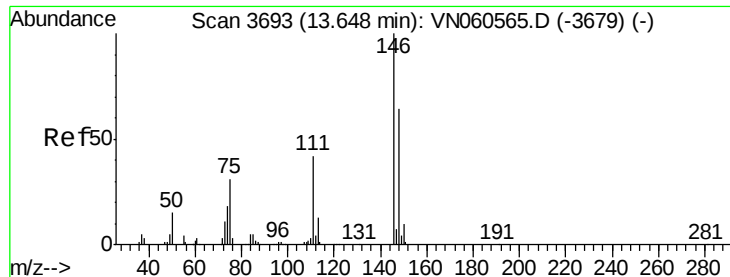
Tot Ion: 91 Resp: 485900
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 24.4 12.3 36.9



#90
Hexachloroethane
Concen: 54.475 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion: 117 Resp: 77822
Ion Ratio Lower Upper
117 100
201 81.8 40.8 122.5





#91

1,2-Dichlorobenzene

Concen: 50.230 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

BFB

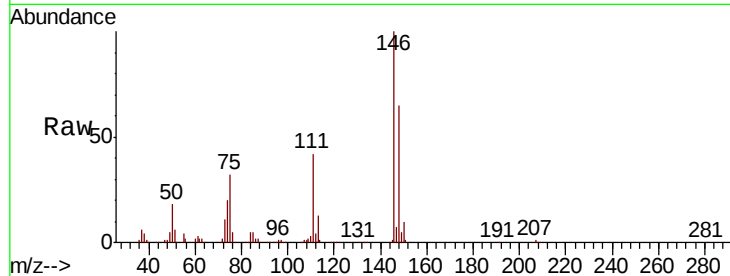
Tot Ion:146 Resp: 235831

Ion Ratio Lower Upper

146 100

111 42.1 21.0 63.0

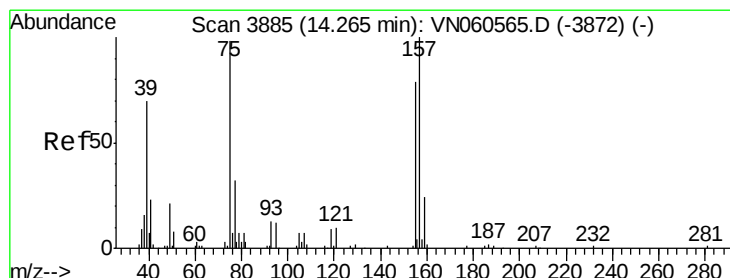
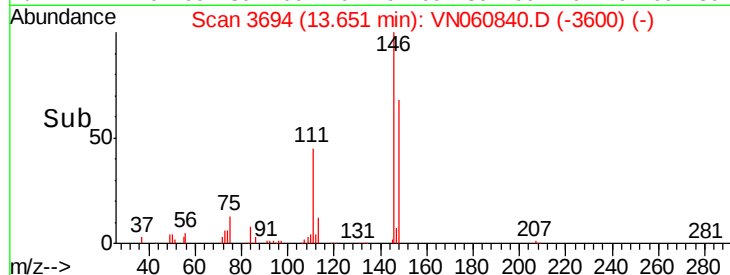
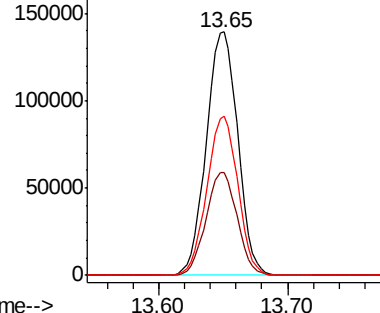
148 64.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.679 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060840.D

Acq: 6 Apr 2020 10:24

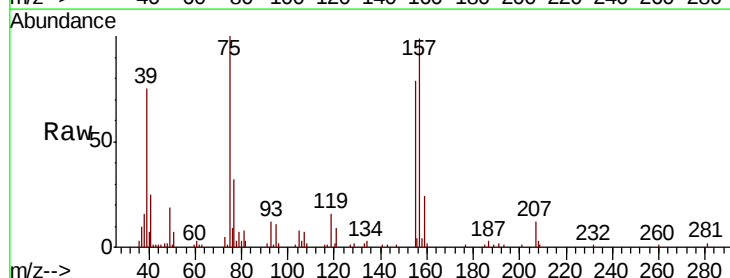
Tgt Ion: 75 Resp: 33445

Ion Ratio Lower Upper

75 100

155 80.1 40.7 122.1

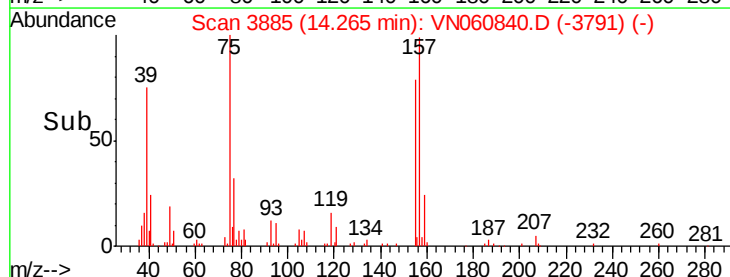
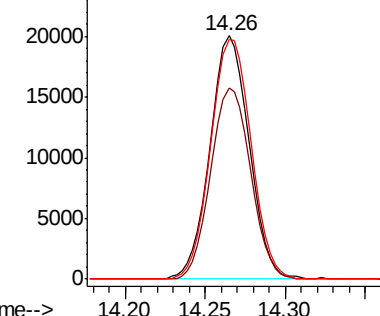
157 101.7 51.5 154.7

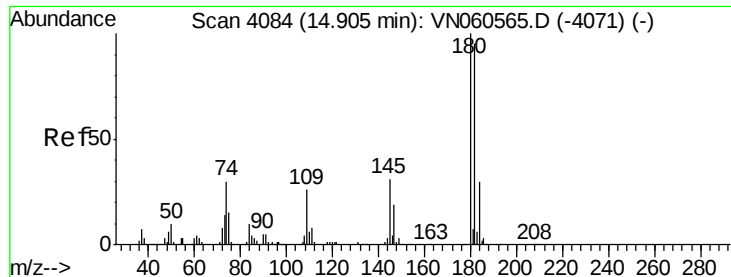


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

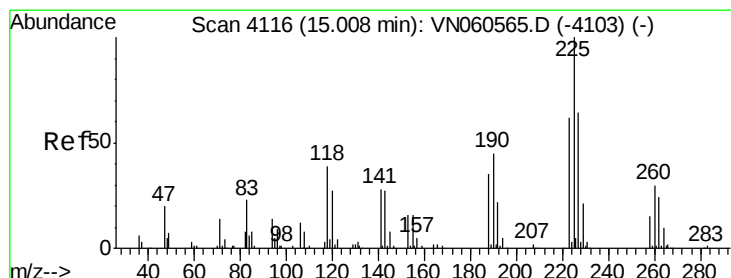
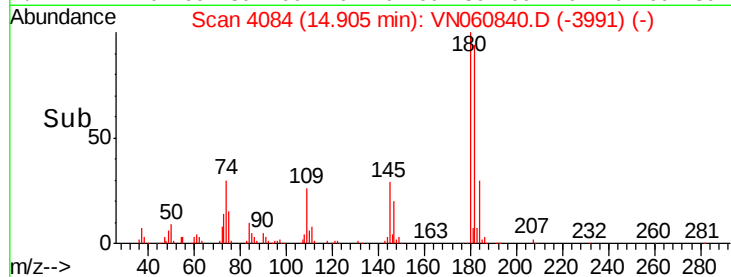
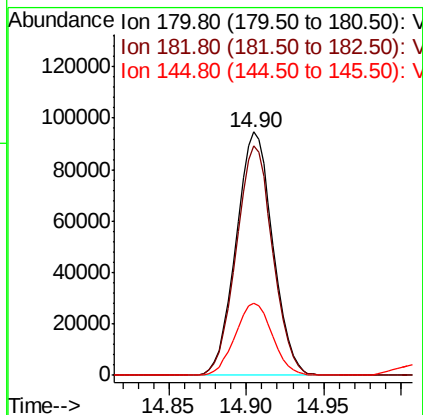
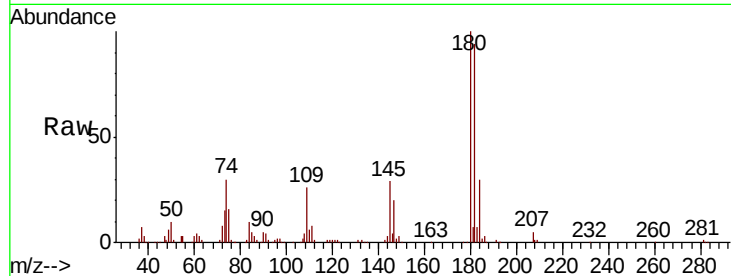




#93
 1,2,4-Trichlorobenzene
 Concen: 54.074 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

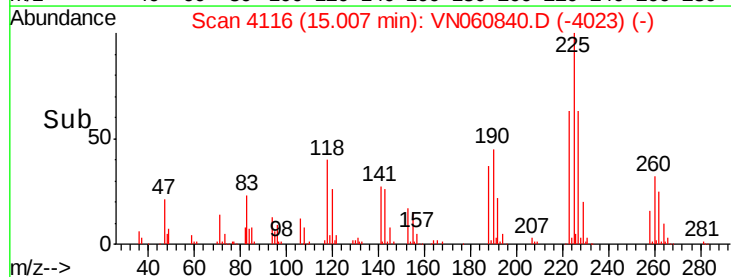
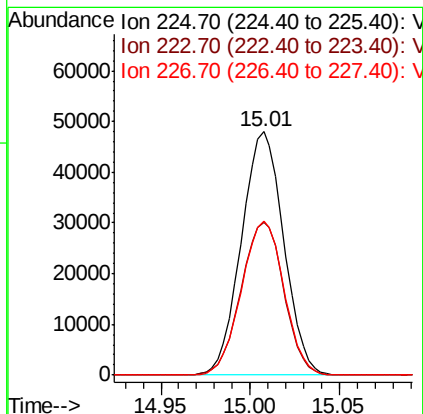
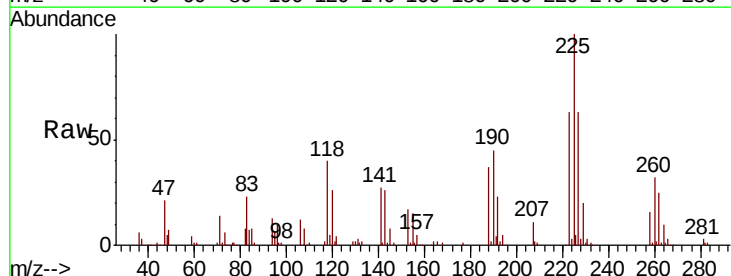
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

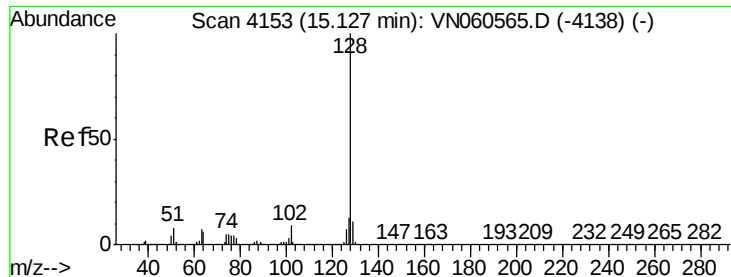
Tot Ion:180 Resp: 155905
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.9 143.8
 145 30.0 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 56.214 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060840.D
 Acq: 6 Apr 2020 10:24

Tgt Ion:225 Resp: 79453
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.6 95.0
 227 63.7 32.3 96.8

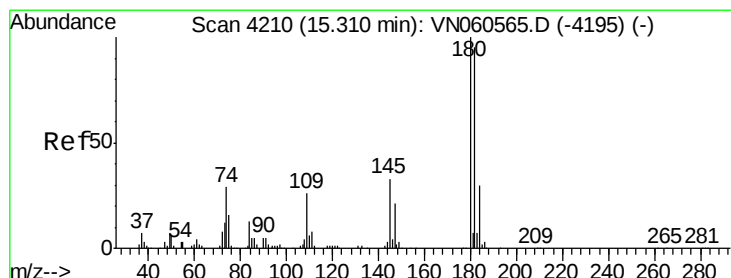
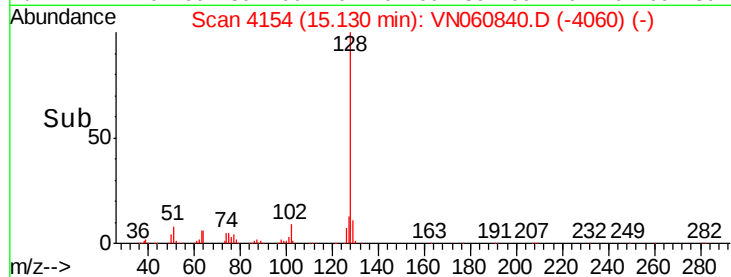
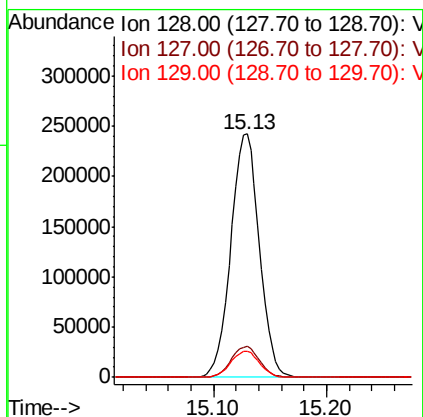
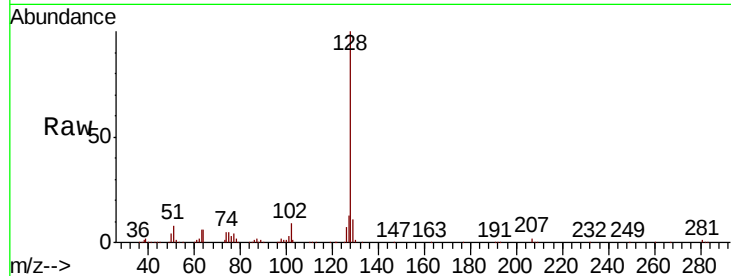




#95
Naphthalene
Concen: 48.854 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion:128 Resp: 423660
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.823 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060840.D
Acq: 6 Apr 2020 10:24

Tgt Ion:180 Resp: 144330
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.6
145 32.2 16.3 48.8

