

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
 Data File : VN050592.D
 Acq On : 14 Aug 2018 10:45
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Aug 15 08:23:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	716280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	991440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	936403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	495420	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	426529	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
35) Dibromofluoromethane	7.59	113	399717	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.09	98	1525782	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.40	95	519173	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	364623	45.154	ug/l	99
3) Chloromethane	2.06	50	468280	47.565	ug/l	98
4) Vinyl Chloride	2.18	62	476877	44.454	ug/l	99
5) Bromomethane	2.56	94	257918	44.505	ug/l	99
6) Chloroethane	2.70	64	287570	48.184	ug/l	100
7) Trichlorofluoromethane	3.01	101	613478	43.585	ug/l	96
8) Diethyl Ether	3.41	74	207974	44.420	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	387432	45.516	ug/l	99
10) Methyl Iodide	3.95	142	302394	49.980	ug/l	99
11) Tert butyl alcohol	4.78	59	112050	227.283	ug/l	99
12) 1,1-Dichloroethene	3.73	96	348154	44.796	ug/l	98
13) Acrolein	3.61	56	40105	211.995	ug/l	95
14) Allyl chloride	4.32	41	558232	46.176	ug/l	100
15) Acrylonitrile	4.99	53	617424	228.030	ug/l	99
16) Acetone	3.82	43	551508	244.607	ug/l	98
17) Carbon Disulfide	4.05	76	1095432	44.789	ug/l	100
18) Methyl Acetate	4.32	43	289974	45.641	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	931540	47.094	ug/l	100
20) Methylene Chloride	4.55	84	404997	47.120	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	386495	45.870	ug/l	97
22) Diisopropyl ether	5.95	45	1191935	48.088	ug/l	99
23) Vinyl Acetate	5.90	43	3980618	245.502	ug/l	99
24) 1,1-Dichloroethane	5.85	63	702096	43.777	ug/l	99
25) 2-Butanone	6.84	43	897297	242.390	ug/l	99
26) 2,2-Dichloropropane	6.82	77	588653	54.833	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	425848	45.387	ug/l	97
28) Bromochloromethane	7.20	49	337129	46.188	ug/l	100
29) Tetrahydrofuran	7.21	42	451665	233.673	ug/l	99
30) Chloroform	7.37	83	715498	44.023	ug/l	100
31) Cyclohexane	7.65	56	649352	47.428	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	607416	44.401	ug/l	100
36) 1,1-Dichloropropene	7.79	75	557216	50.489	ug/l	99
37) Ethyl Acetate	6.93	43	315710	50.606	ug/l	99
38) Carbon Tetrachloride	7.77	117	546294	47.715	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	621329	54.377	ug/l	99
40) Benzene	8.04	78	1658000	49.382	ug/l	100
41) Methacrylonitrile	7.18	41	171535	50.860	ug/l	95
42) 1,2-Dichloroethane	8.12	62	495952	48.196	ug/l	100
43) Isopropyl Acetate	8.17	43	555706	48.879	ug/l	99
44) Trichloroethene	8.83	130	433003	48.145	ug/l	100
45) 1,2-Dichloropropane	9.12	63	436791	48.866	ug/l	98
46) Dibromomethane	9.21	93	250914	47.540	ug/l	98
47) Bromodichloromethane	9.40	83	546759	48.467	ug/l	99
48) Methyl methacrylate	9.20	41	280234	48.986	ug/l	100
49) 1,4-Dioxane	9.20	88	78510	1041.751	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1969243	256.111	ug/l	100
52) Toluene	10.16	92	1043404	52.049	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	553873	52.712	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	652377	54.120	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	361768	48.305	ug/l	98
56) Ethyl methacrylate	10.43	69	456717	47.889	ug/l	100
57) 1,3-Dichloropropane	10.71	76	609877	49.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1100544	240.887	ug/l	99
59) 2-Hexanone	10.75	43	1362504	274.551	ug/l	99
60) Dibromochloromethane	10.90	129	415043	50.215	ug/l	100
61) 1,2-Dibromoethane	11.01	107	356807	50.028	ug/l	100
64) Tetrachloroethene	10.63	164	407859	46.901	ug/l	100
65) Chlorobenzene	11.43	112	1134753	48.692	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	409900	46.921	ug/l	99
67) Ethyl Benzene	11.51	91	1956551	51.994	ug/l	100
68) m/p-Xylenes	11.62	106	1529897	106.301	ug/l	100
69) o-Xylene	11.95	106	721405	52.569	ug/l	99
70) Styrene	11.96	104	1207034	49.467	ug/l	99
71) Bromoform	12.13	173	288962	49.883	ug/l #	100
73) Isopropylbenzene	12.25	105	1932179	49.918	ug/l	99
74) N-amyl acetate	12.07	43	496745	49.327	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	451948	50.306	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	363015m	45.255	ug/l	
77) Bromobenzene	12.53	156	490862	46.709	ug/l	99
78) n-propylbenzene	12.59	91	2250756	52.146	ug/l	99
79) 2-Chlorotoluene	12.67	91	1322775	49.155	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1614356	52.090	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	121446	54.499	ug/l	98
82) 4-Chlorotoluene	12.77	91	1356852	51.024	ug/l	100
83) tert-Butylbenzene	12.99	119	1351490	50.237	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1642122	52.791	ug/l	100
85) sec-Butylbenzene	13.17	105	1838135	52.285	ug/l	99
86) p-Isopropyltoluene	13.29	119	1626305	54.594	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	888927	49.688	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	862497	48.574	ug/l	100
89) n-Butylbenzene	13.62	91	1342405	55.806	ug/l	99
90) Hexachloroethane	13.87	117	283080	47.258	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	842880	48.291	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	65434	47.379	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

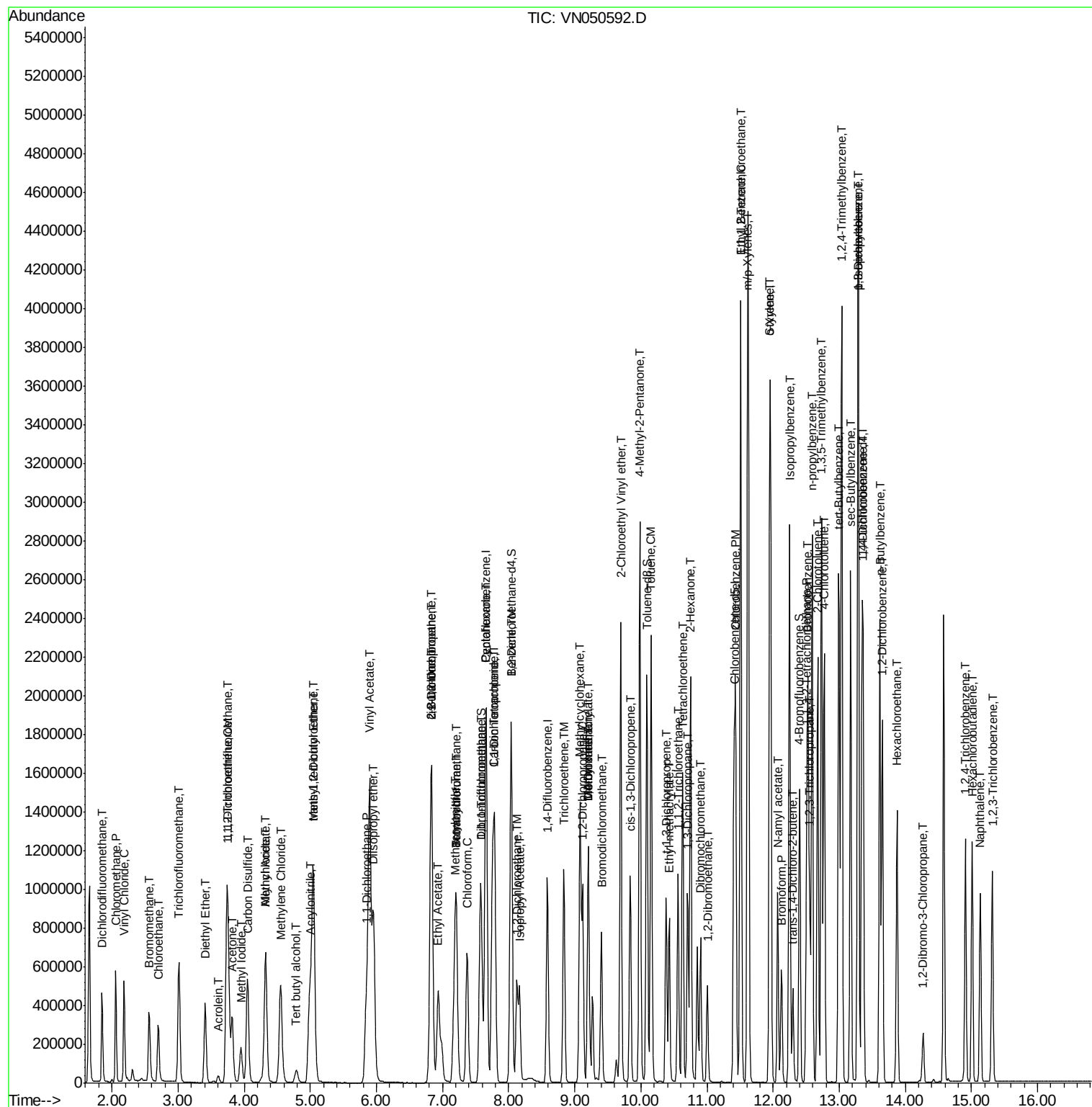
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	433853	48.519	ug/l	99
94) Hexachlorobutadiene	15.01	225	266235	49.751	ug/l	99
95) Naphthalene	15.13	128	856334	45.329	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	412601	49.340	ug/l	99

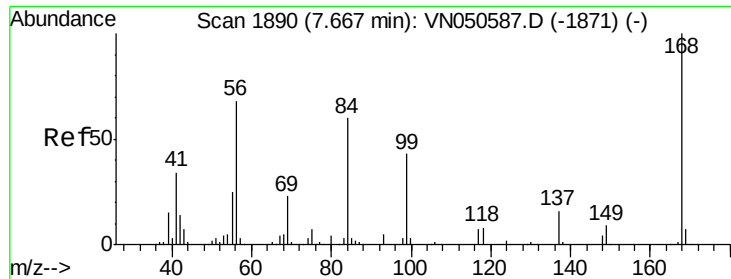
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

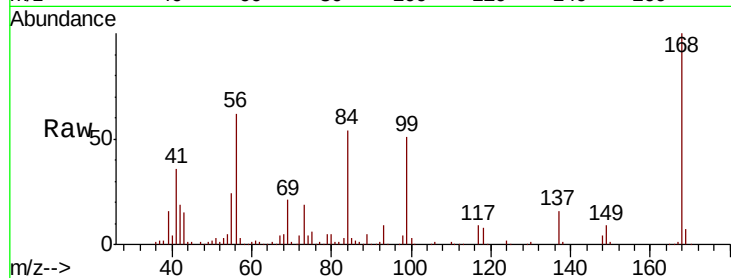
BFB

Tgt Ion:168 Resp: 716280

Ion Ratio Lower Upper

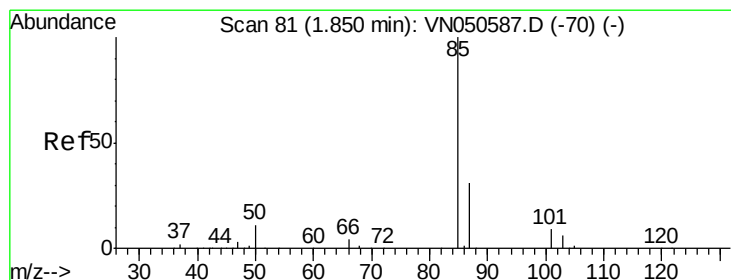
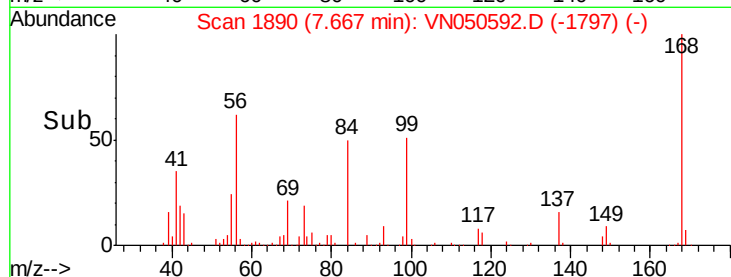
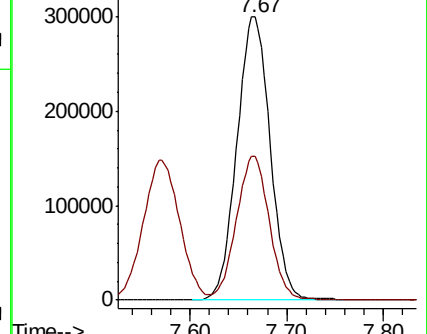
168 100

99 50.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 45.154 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050592.D

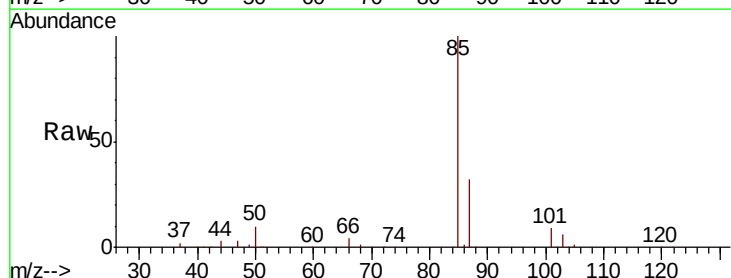
Acq: 14 Aug 2018 10:45

Tgt Ion: 85 Resp: 364623

Ion Ratio Lower Upper

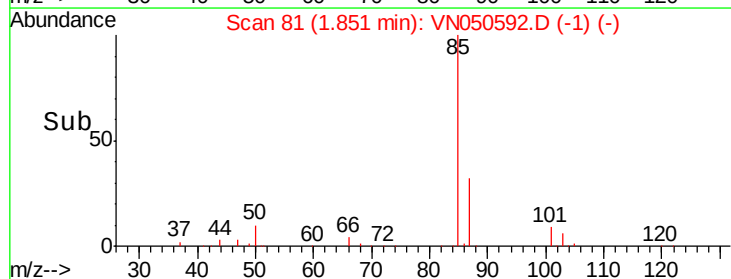
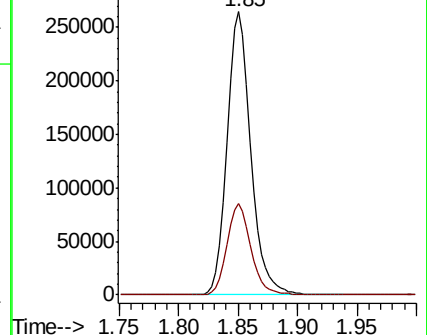
85 100

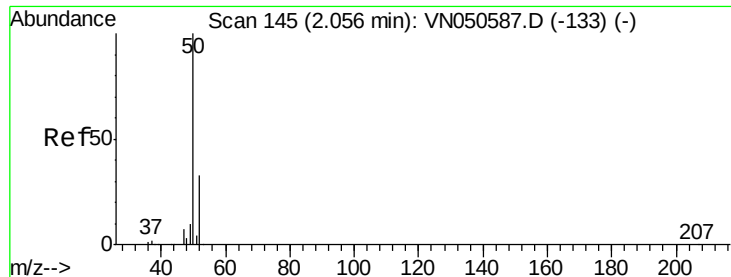
87 32.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 47.565 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

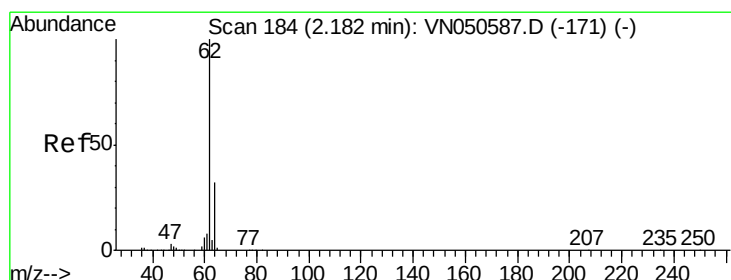
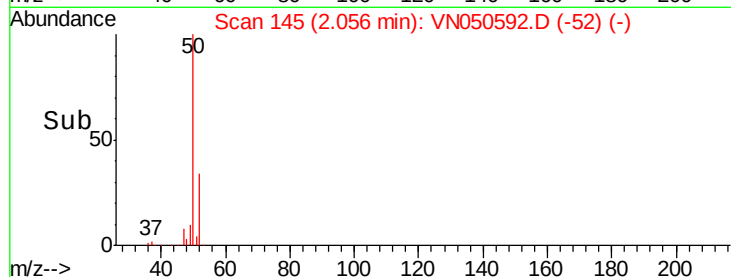
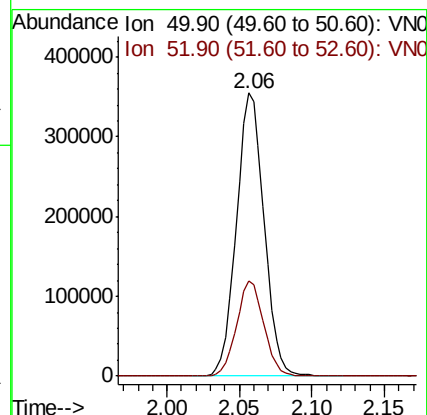
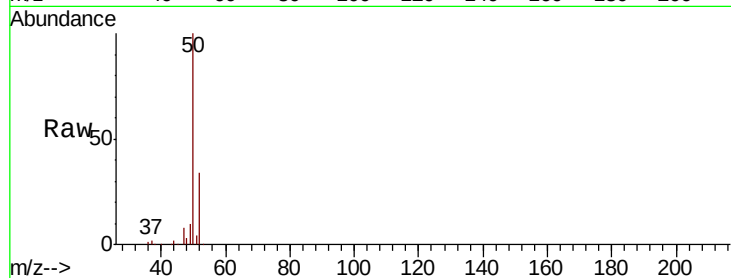
BFB

Tgt Ion: 50 Resp: 468280

Ion Ratio Lower Upper

50 100

52 33.6 26.0 39.0



#4

Vinyl Chloride

Concen: 44.454 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050592.D

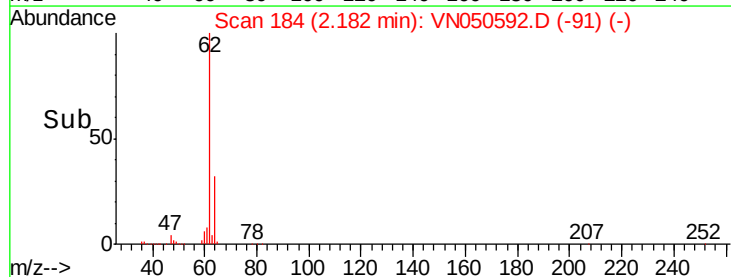
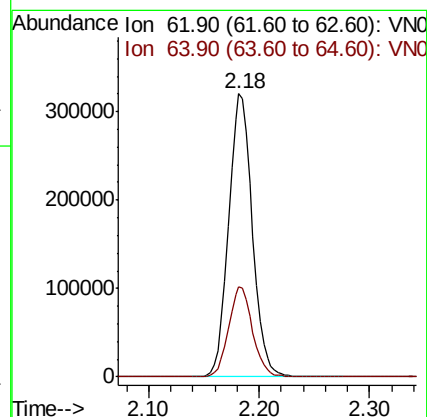
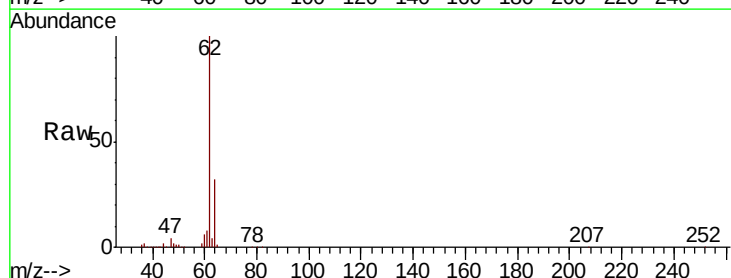
Acq: 14 Aug 2018 10:45

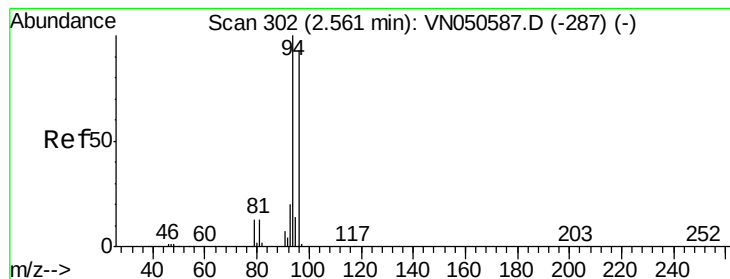
Tgt Ion: 62 Resp: 476877

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8





#5

Bromomethane

Concen: 44.505 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

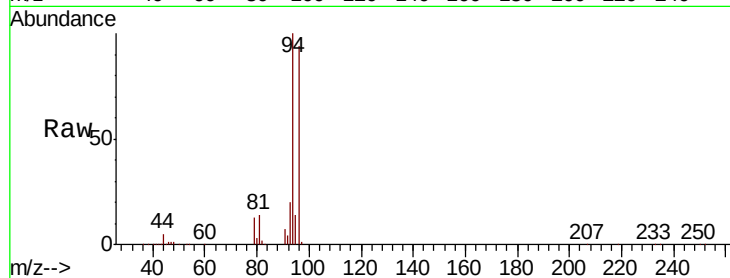
BFB

Tgt Ion: 94 Resp: 257918

Ion Ratio Lower Upper

94 100

96 93.8 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN050587.D (-287) (-)

Ion 95.90 (95.60 to 96.60): VN050587.D (-287) (-)

2.56

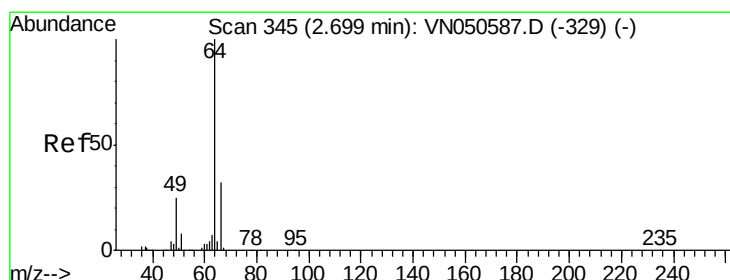
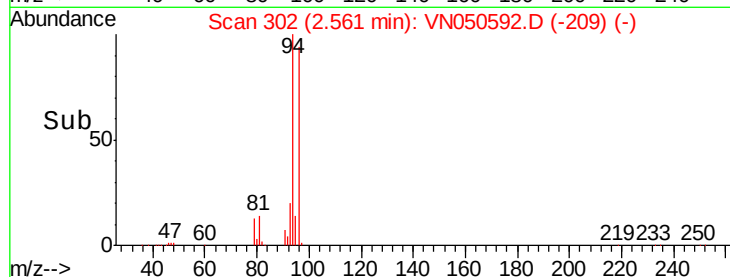
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 48.184 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050592.D

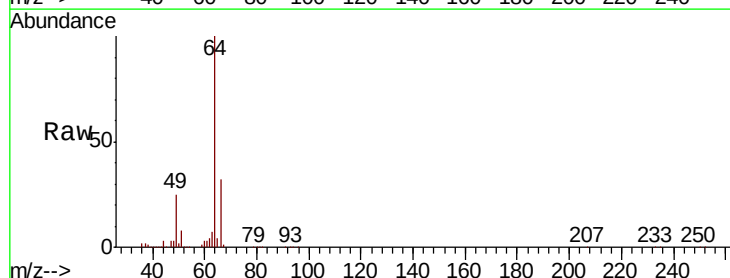
Acq: 14 Aug 2018 10:45

Tgt Ion: 64 Resp: 287570

Ion Ratio Lower Upper

64 100

66 32.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN050587.D (-329) (-)

Ion 65.90 (65.60 to 66.60): VN050587.D (-329) (-)

2.70

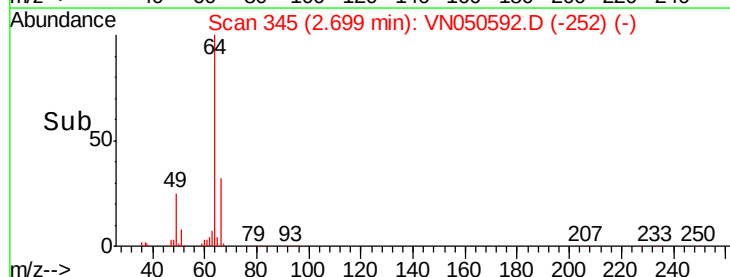
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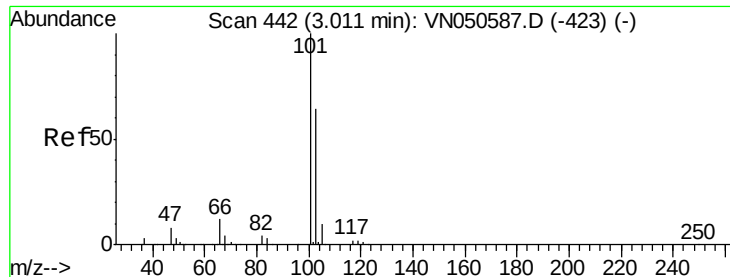
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50000

0

Time-->



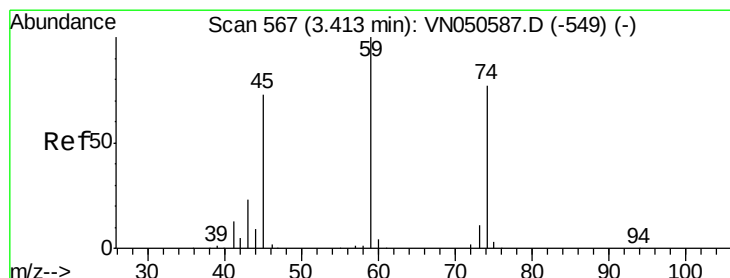
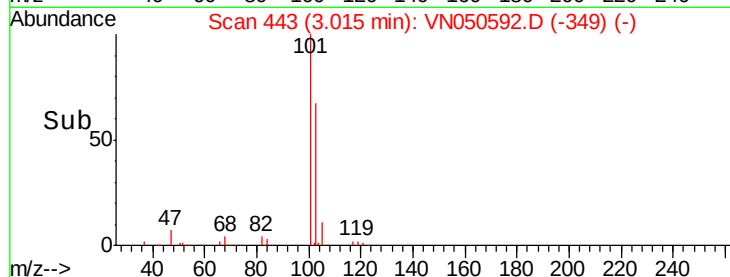
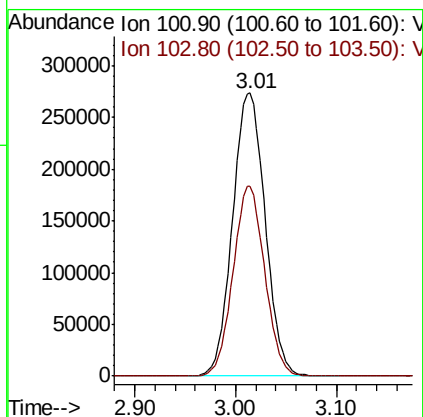
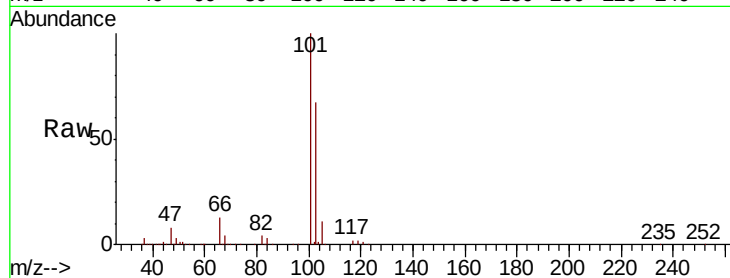


#7

Trichlorofluoromethane
Concen: 43.585 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Instrument :
MSVOA_N
ClientSampled :
BFB

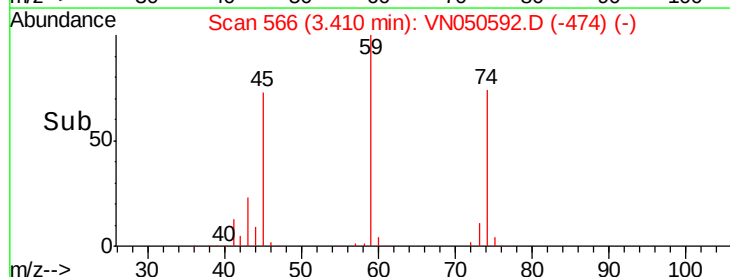
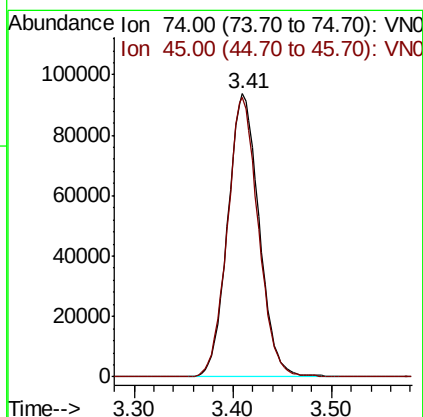
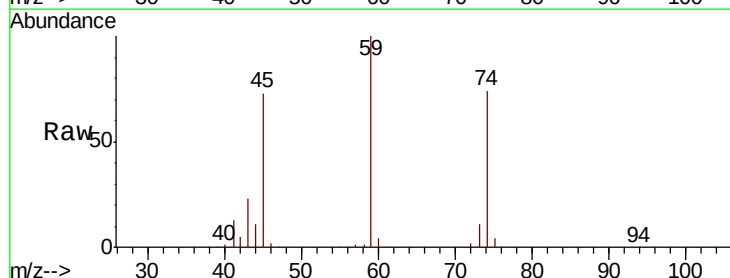
Tgt Ion: 101 Resp: 613478
Ion Ratio Lower Upper
101 100
103 67.1 51.4 77.0

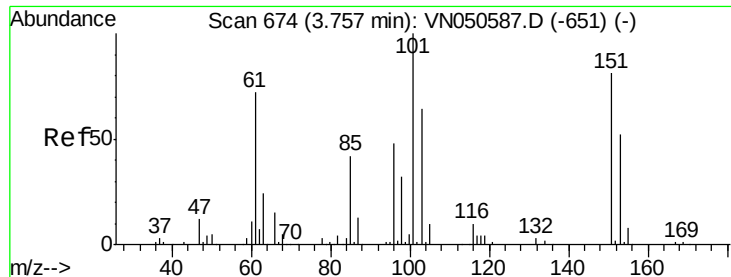


#8

Diethyl Ether
Concen: 44.420 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion: 74 Resp: 207974
Ion Ratio Lower Upper
74 100
45 97.4 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.516 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

BFB

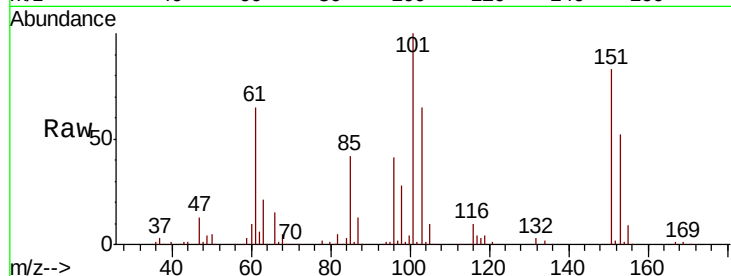
Tgt Ion:101 Resp: 387432

Ion Ratio Lower Upper

101 100

85 42.2 33.4 50.0

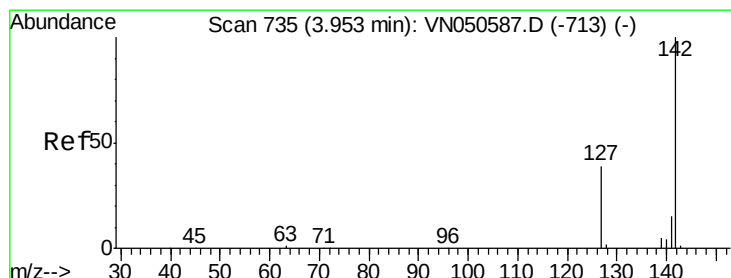
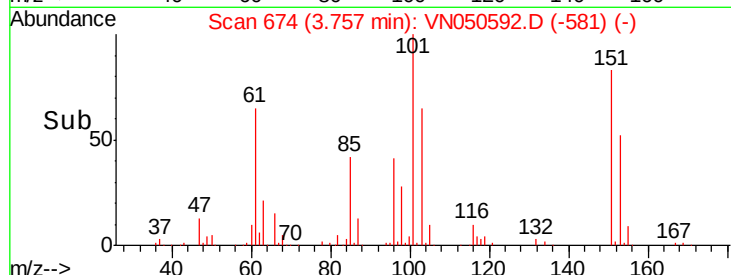
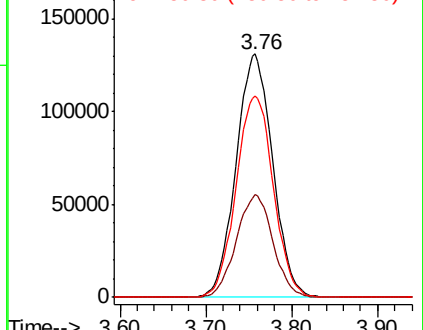
151 84.1 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.980 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

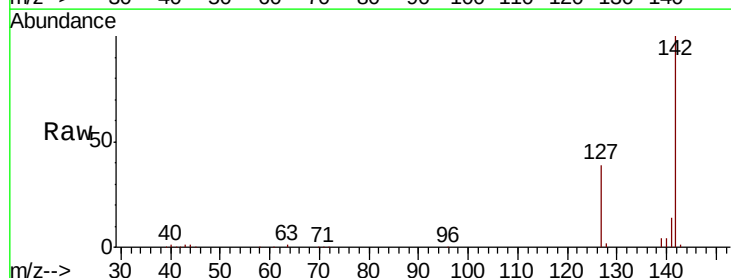
Tgt Ion:142 Resp: 302394

Ion Ratio Lower Upper

142 100

127 40.2 32.6 49.0

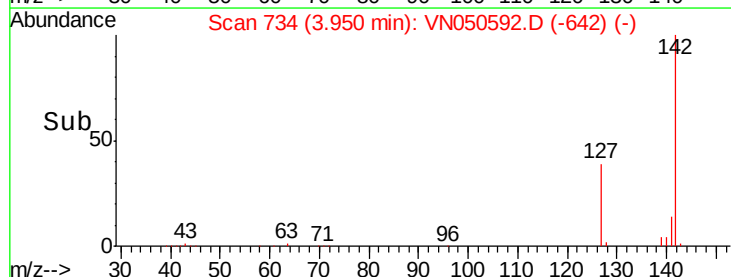
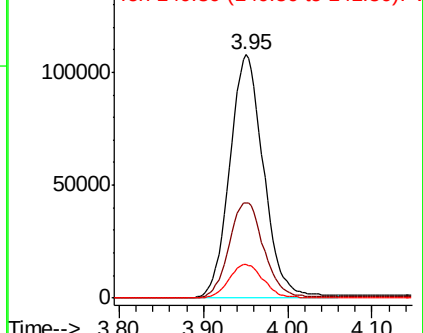
141 14.3 11.5 17.3

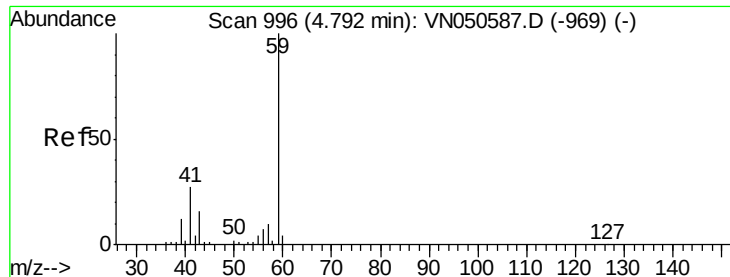


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



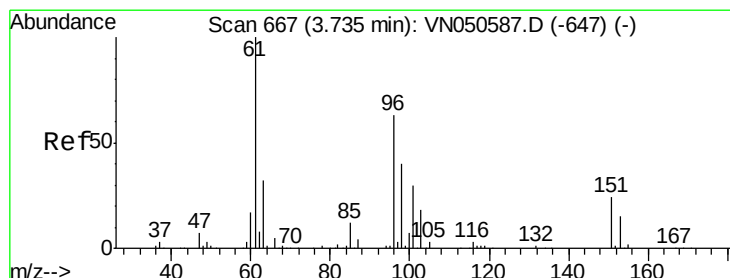
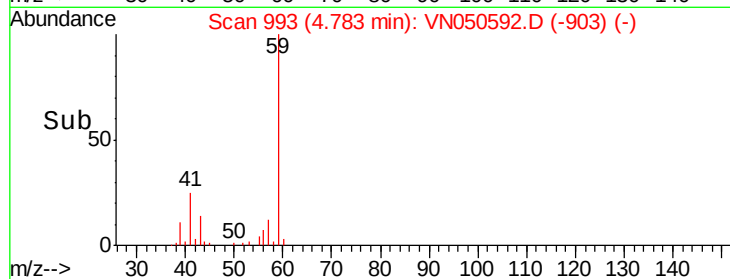
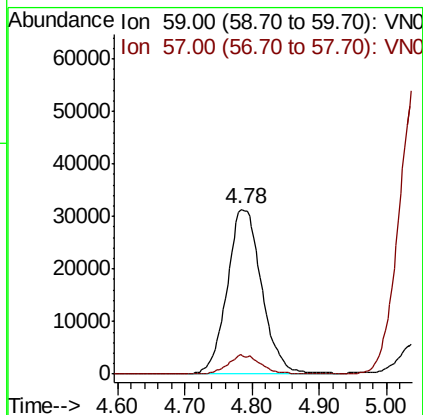
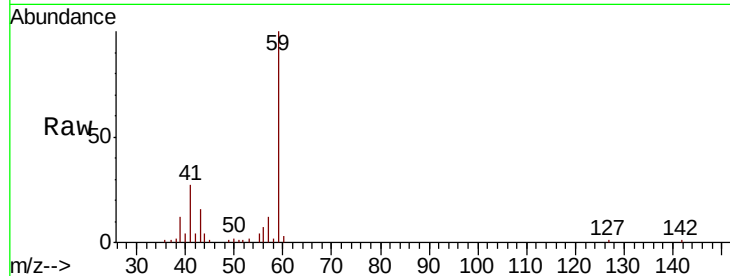


#11

Tert butyl alcohol
 Concen: 227.283 ug/l
 RT: 4.78 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

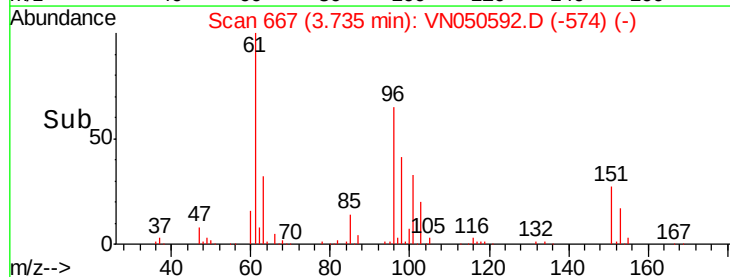
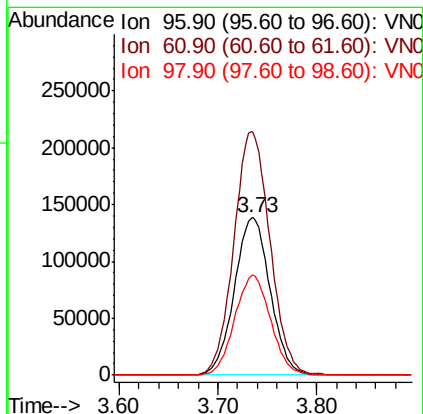
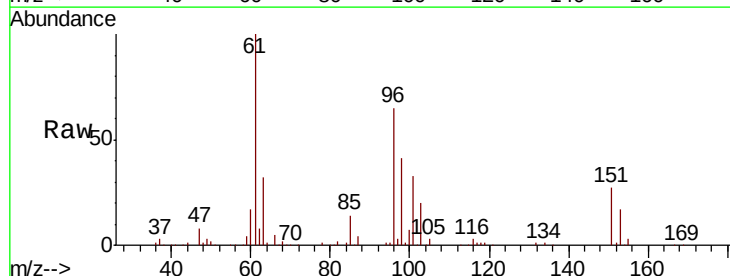
Tgt Ion: 59 Resp: 112050
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.4 12.6

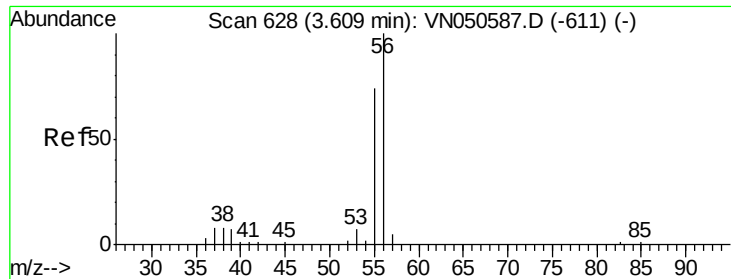


#12

1,1-Dichloroethene
 Concen: 44.796 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Tgt Ion: 96 Resp: 348154
 Ion Ratio Lower Upper
 96 100
 61 154.5 126.9 190.3
 98 63.4 51.1 76.7

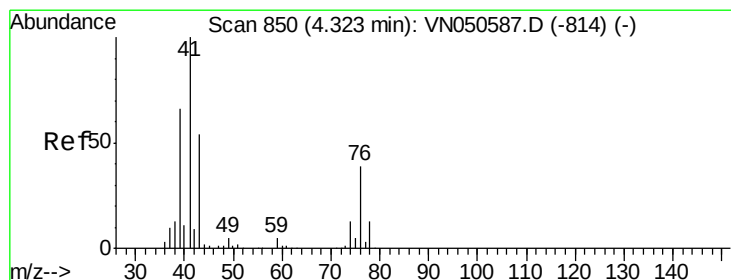
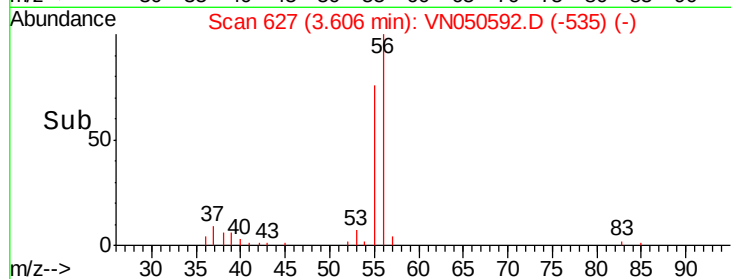
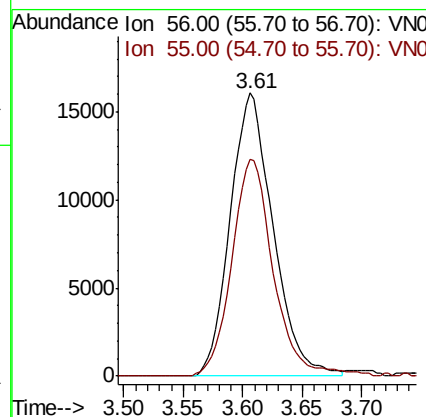
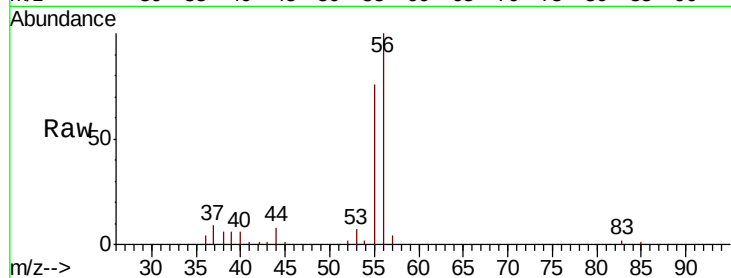




#13
Acrolein
Concen: 211.995 ug/l
RT: 3.61 min Scan# 627
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

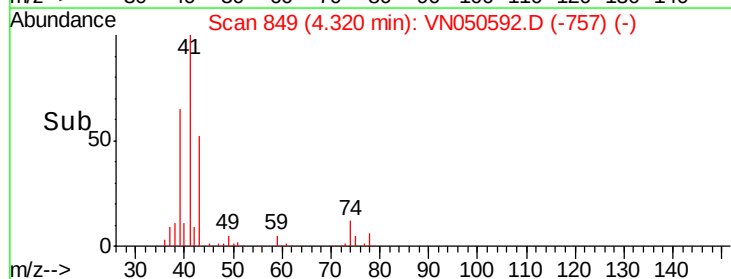
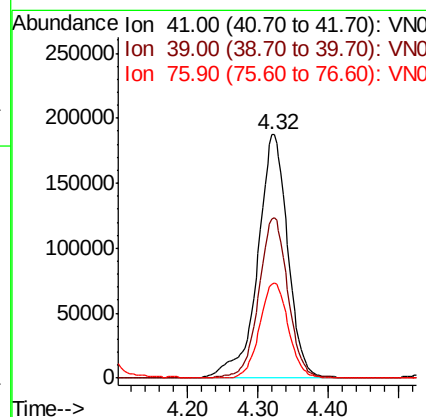
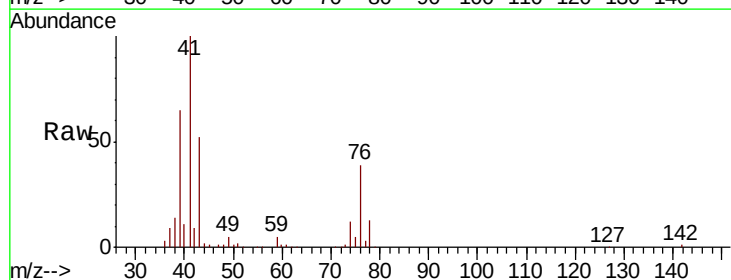
Instrument :
MSVOA_N
ClientSampled :
BFB

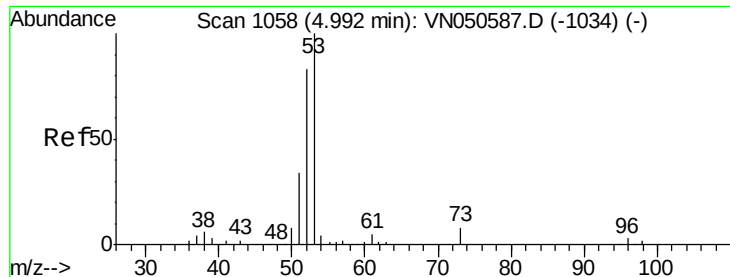
Tgt Ion: 56 Resp: 40105
Ion Ratio Lower Upper
56 100
55 74.3 56.3 84.5



#14
Allyl chloride
Concen: 46.176 ug/l
RT: 4.32 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion: 41 Resp: 558232
Ion Ratio Lower Upper
41 100
39 63.9 51.4 77.0
76 36.7 29.4 44.0





#15

Acrylonitrile

Concen: 228.030 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

BFB

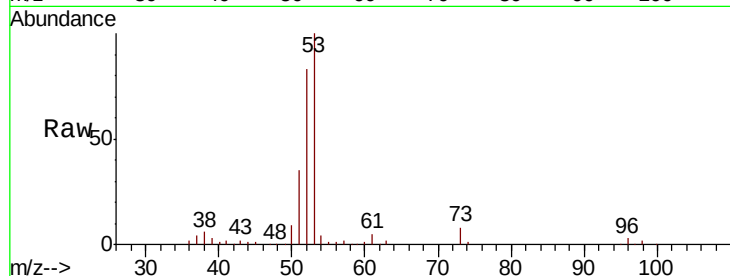
Tgt Ion: 53 Resp: 617424

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

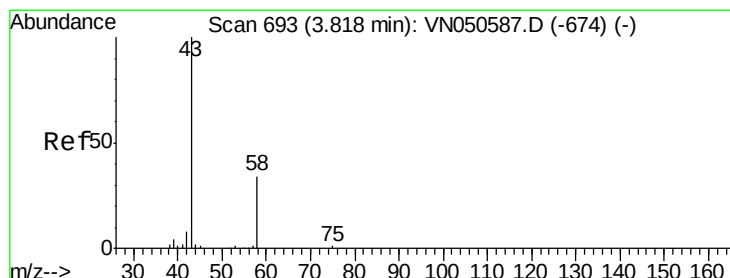
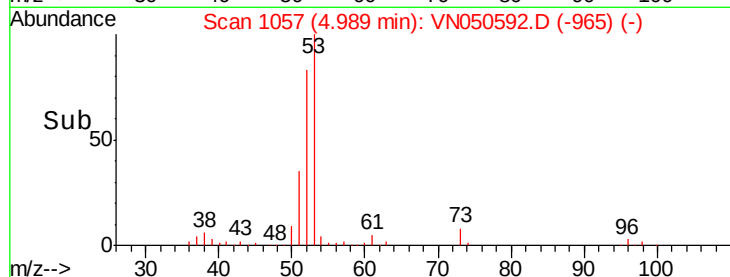
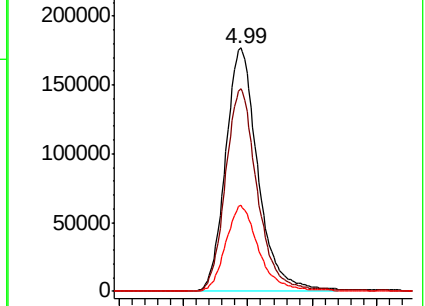
51 36.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 244.607 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN050592.D

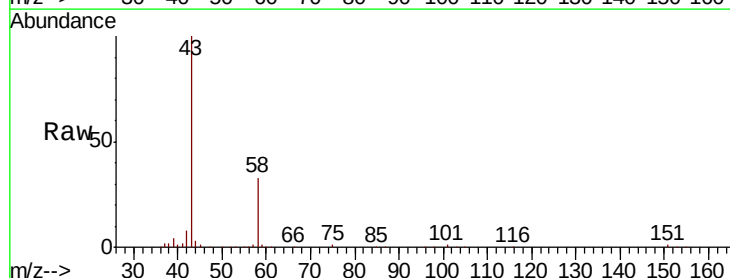
Acq: 14 Aug 2018 10:45

Tgt Ion: 43 Resp: 551508

Ion Ratio Lower Upper

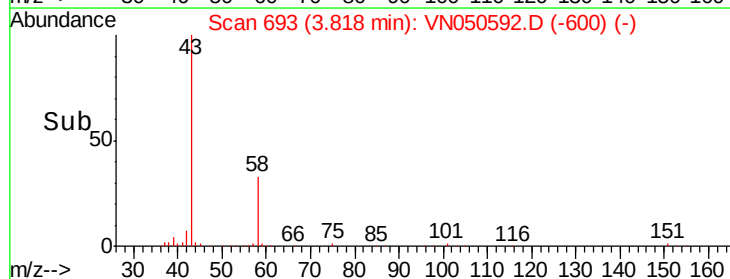
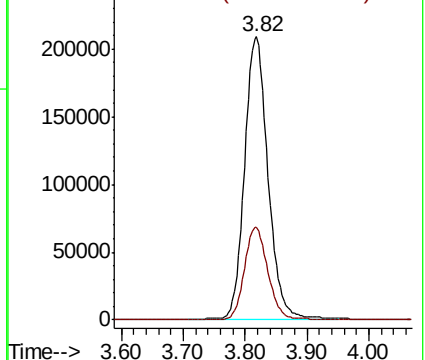
43 100

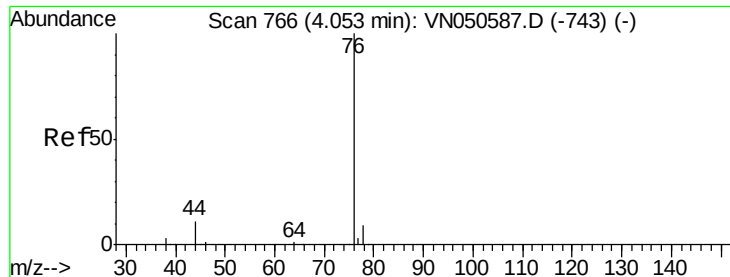
58 32.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 44.789 ug/l

RT: 4.05 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

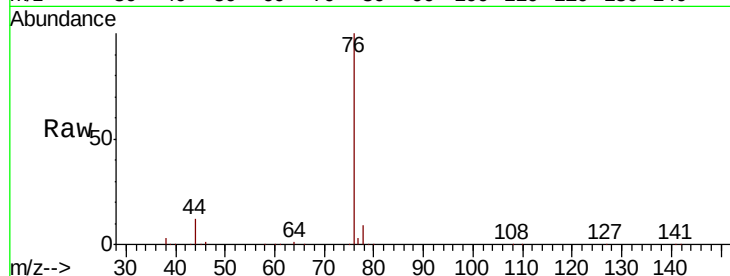
BFB

Tgt Ion: 76 Resp: 1095432

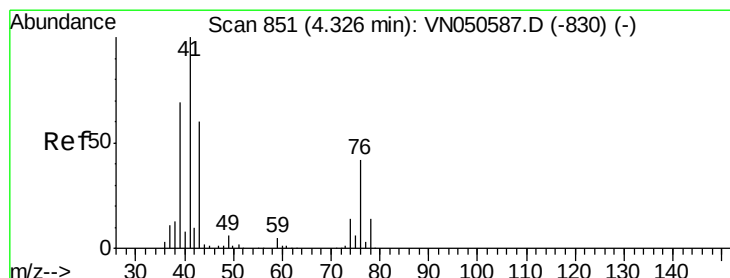
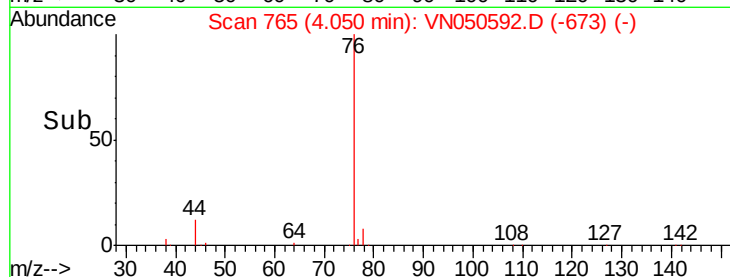
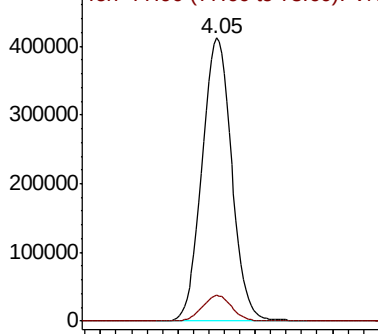
Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 45.641 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050592.D

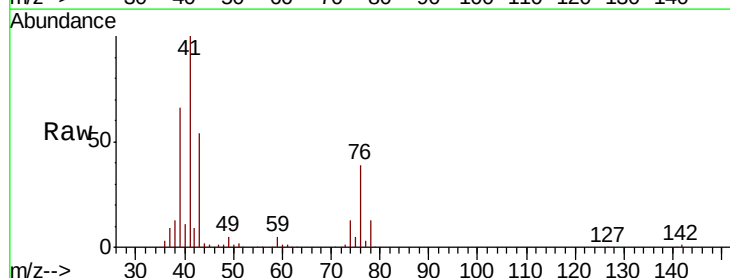
Acq: 14 Aug 2018 10:45

Tgt Ion: 43 Resp: 289974

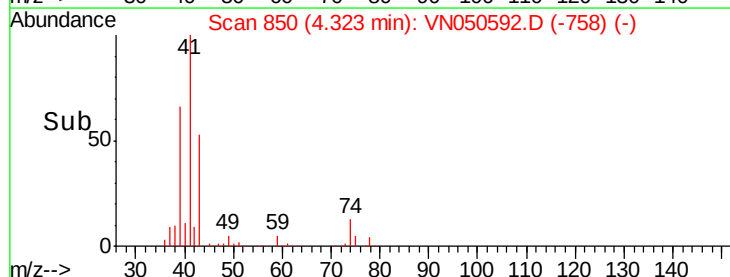
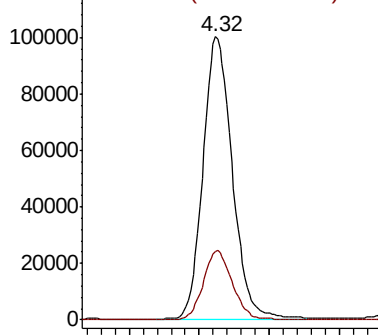
Ion Ratio Lower Upper

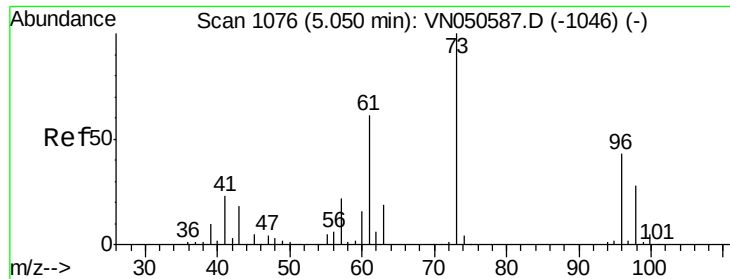
43 100

74 24.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

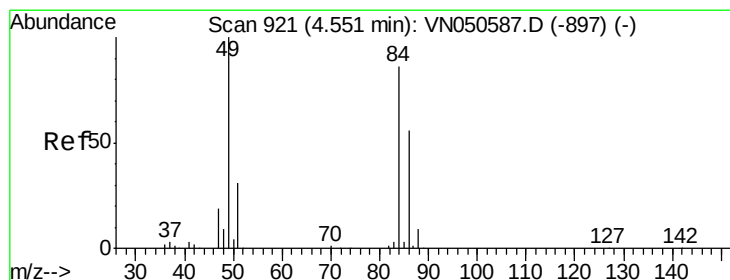
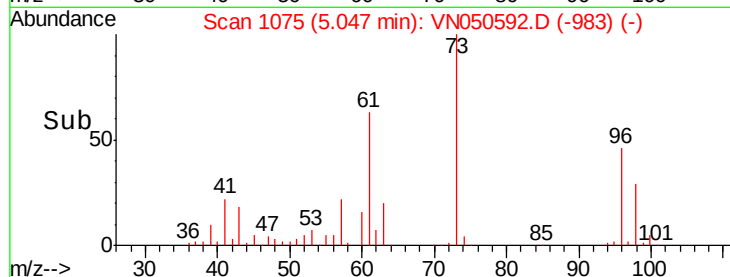
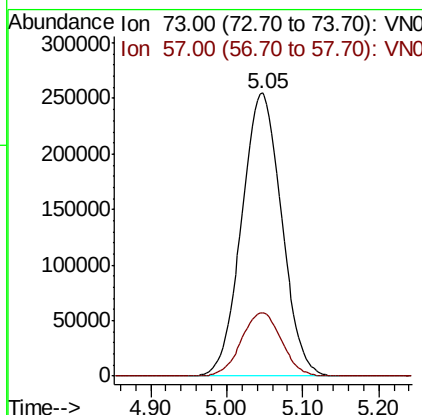
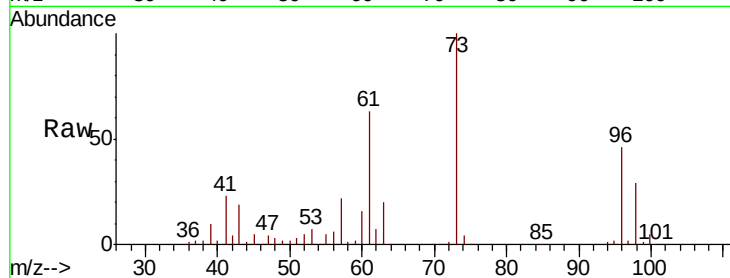




#19
Methyl tert-butyl Ether
Concen: 47.094 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

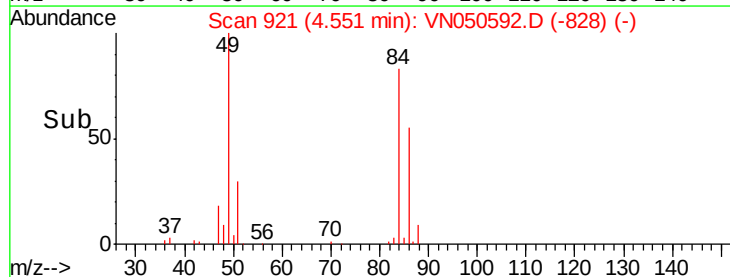
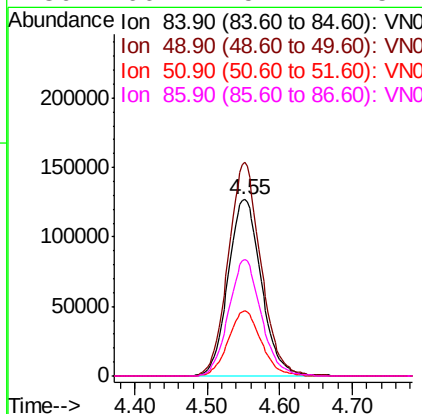
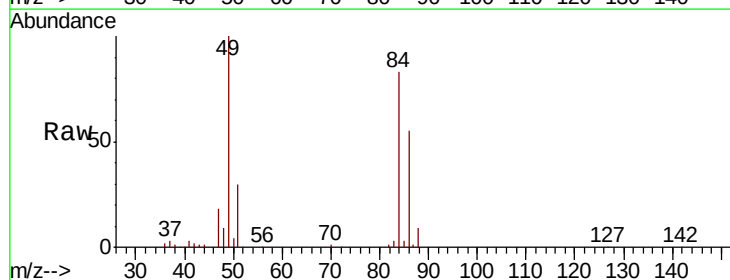
Instrument :
MSVOA_N
ClientSampled :
BFB

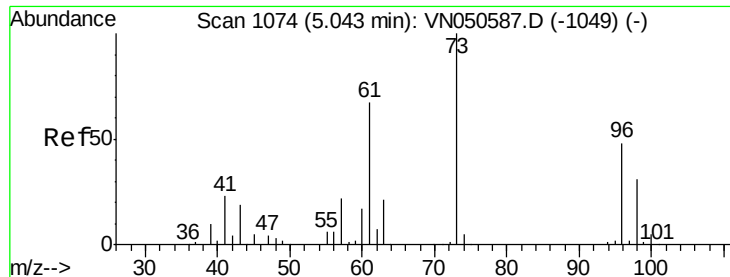
Tgt Ion: 73 Resp: 931540
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 47.120 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion: 84 Resp: 404997
Ion Ratio Lower Upper
84 100
49 121.2 92.6 138.8
51 36.8 28.6 43.0
86 66.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 45.870 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

BFB

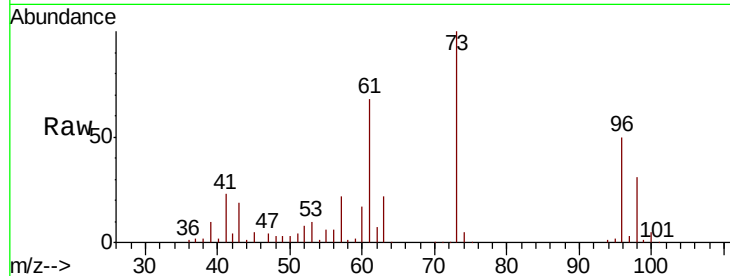
Tgt Ion: 96 Resp: 386495

Ion Ratio Lower Upper

96 100

61 136.4 111.2 166.8

98 61.8 51.6 77.4

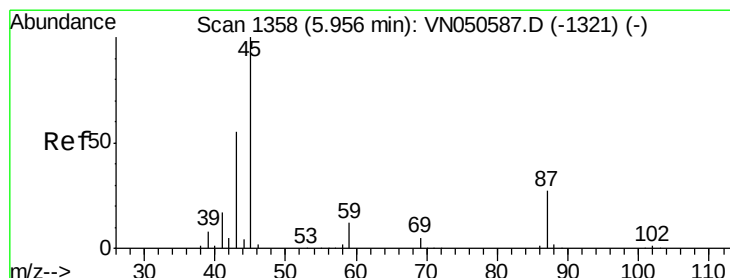
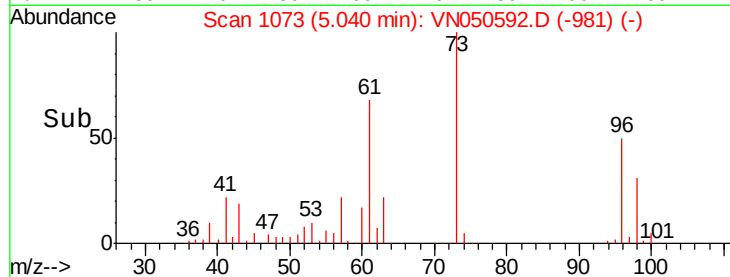
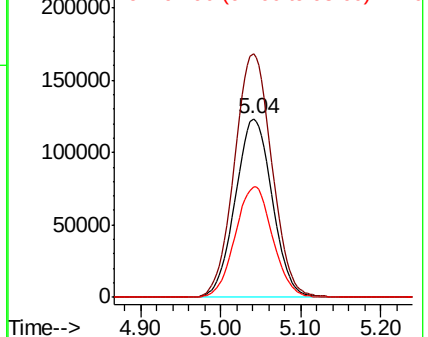


Abundance

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



#22

Diisopropyl ether

Concen: 48.088 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Tgt Ion: 45 Resp: 1191935

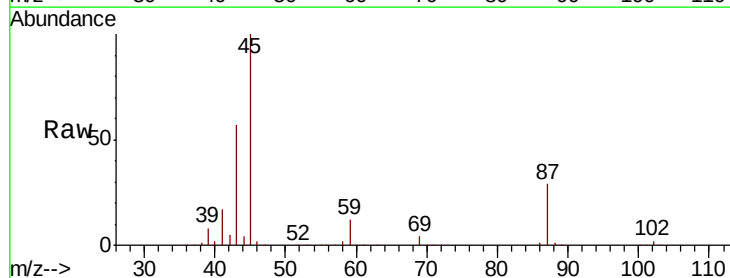
Ion Ratio Lower Upper

45 100

43 56.5 44.5 66.7

87 28.9 22.2 33.2

59 11.8 9.5 14.3



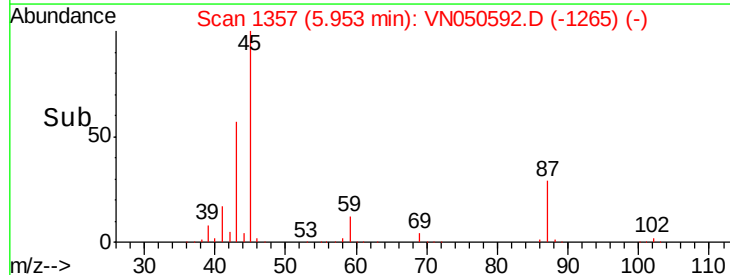
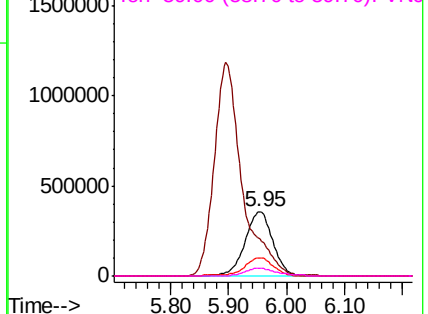
Abundance

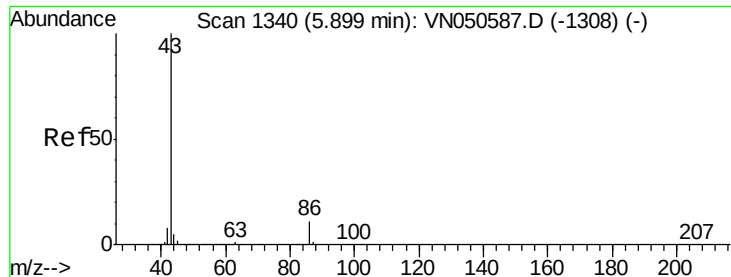
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 245.502 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

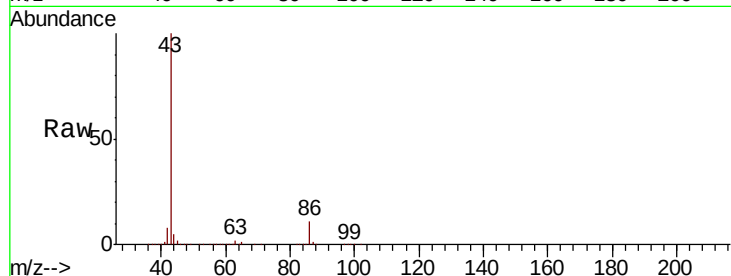
BFB

Tgt Ion: 43 Resp: 3980618

Ion Ratio Lower Upper

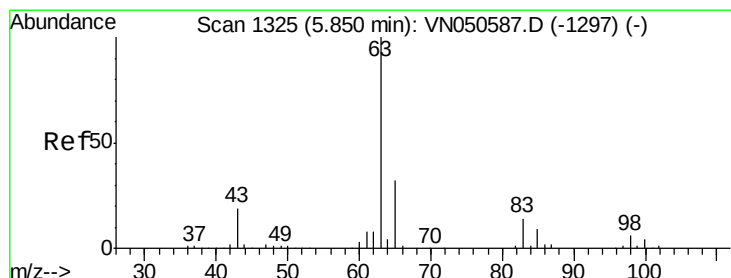
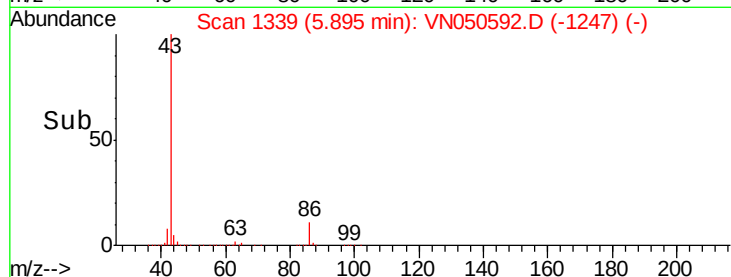
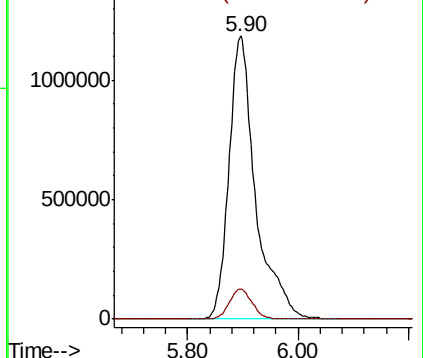
43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-1308) (-)

Ion 86.00 (85.70 to 86.70): VN050587.D (-1308) (-)



#24

1,1-Dichloroethane

Concen: 43.777 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

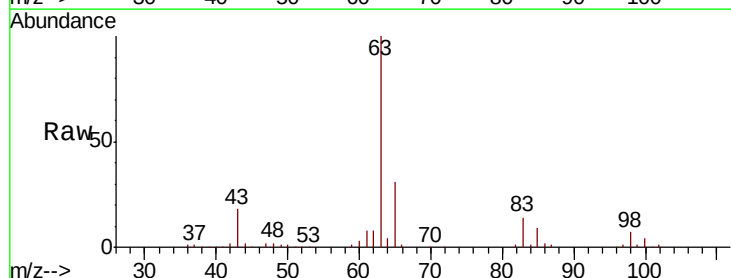
Tgt Ion: 63 Resp: 702096

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

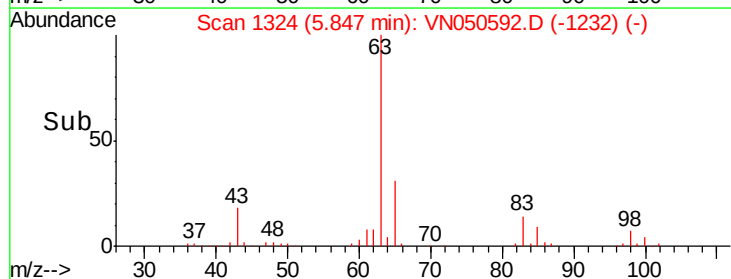
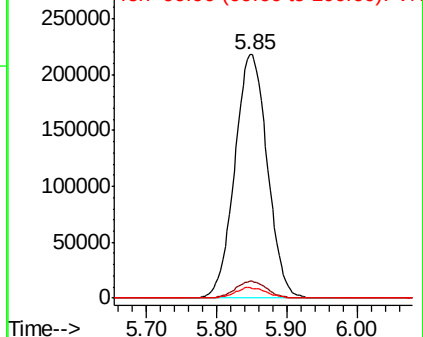
100 4.2 2.1 6.5

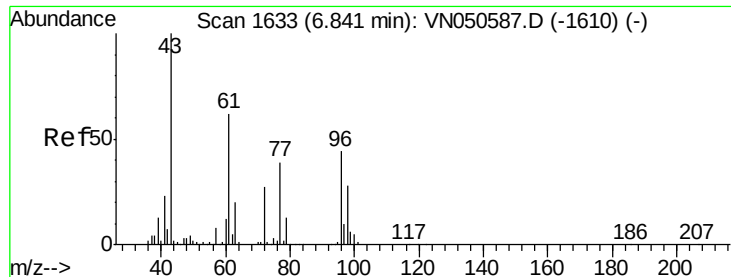


Abundance Ion 62.90 (62.60 to 63.60): VN050587.D (-1297) (-)

Ion 97.90 (97.60 to 98.60): VN050587.D (-1297) (-)

Ion 99.90 (99.60 to 100.60): VN050587.D (-1297) (-)

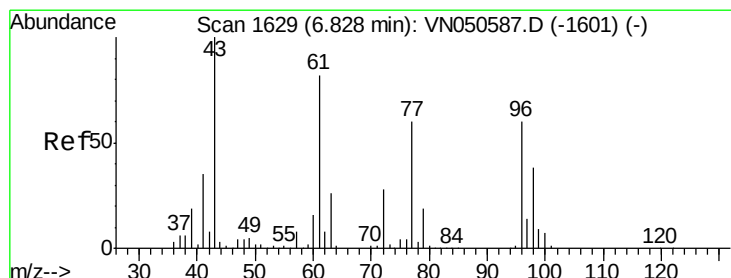
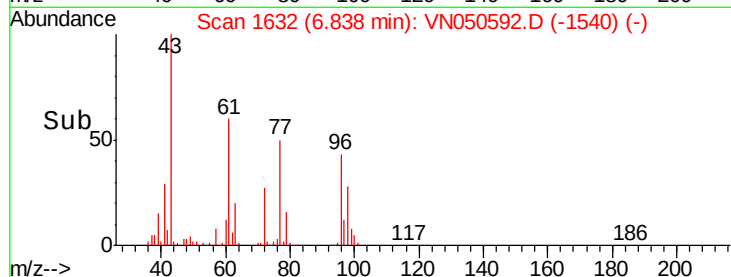
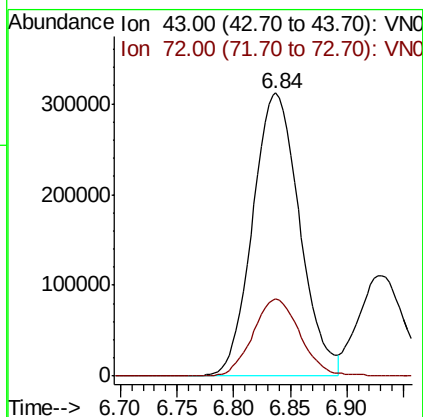
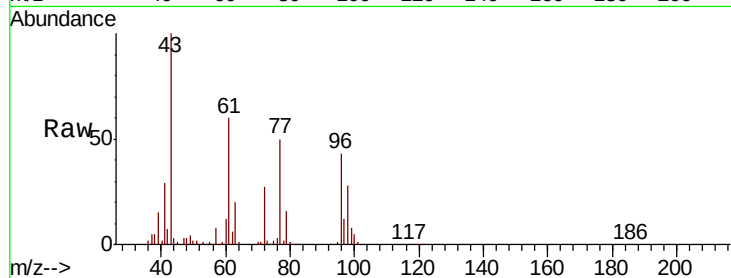




#25
2-Butanone
Concen: 242.390 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

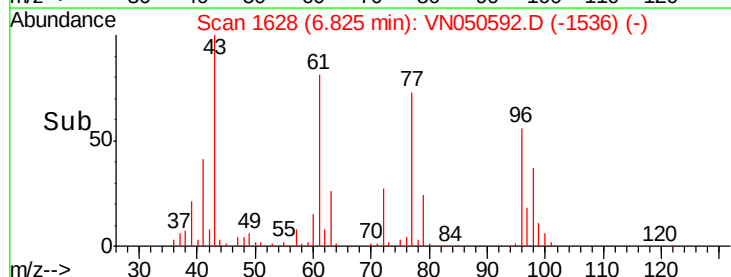
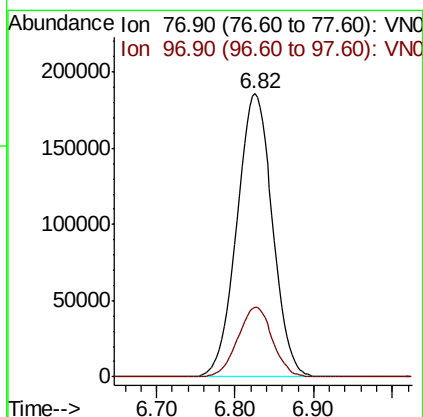
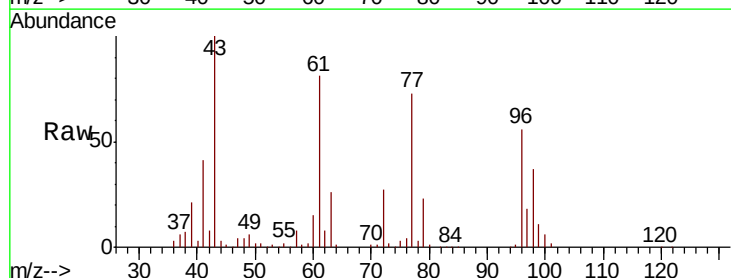
Instrument :
MSVOA_N
ClientSampled :
BFB

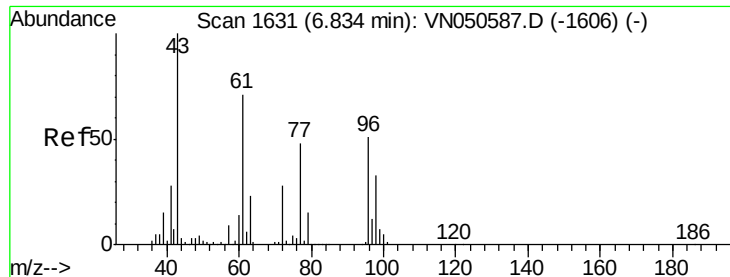
Tgt Ion: 43 Resp: 897297
Ion Ratio Lower Upper
43 100
72 27.5 21.8 32.6



#26
2,2-Dichloropropane
Concen: 54.833 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion: 77 Resp: 588653
Ion Ratio Lower Upper
77 100
97 24.1 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 45.387 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

BFB

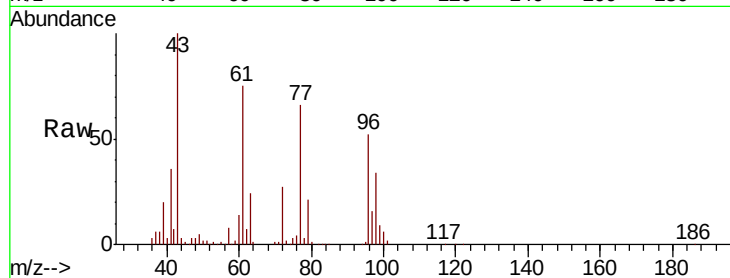
Tgt Ion: 96 Resp: 425848

Ion Ratio Lower Upper

96 100

61 143.3 0.0 278.2

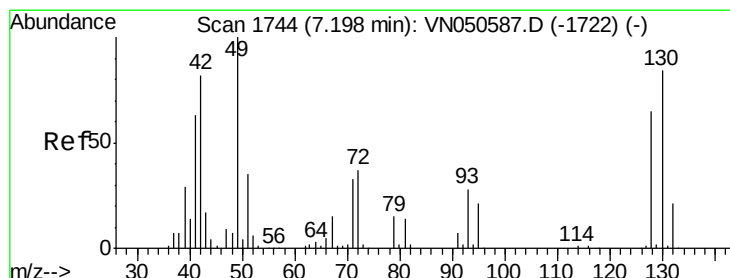
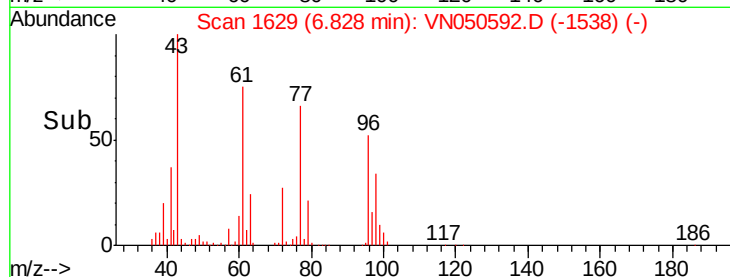
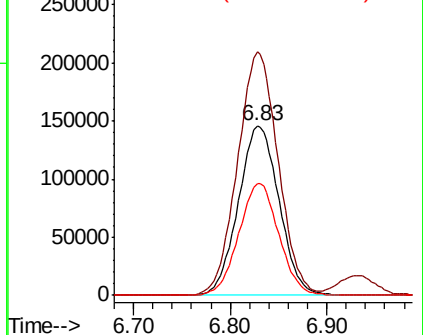
98 65.1 0.0 128.8



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: 46.188 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

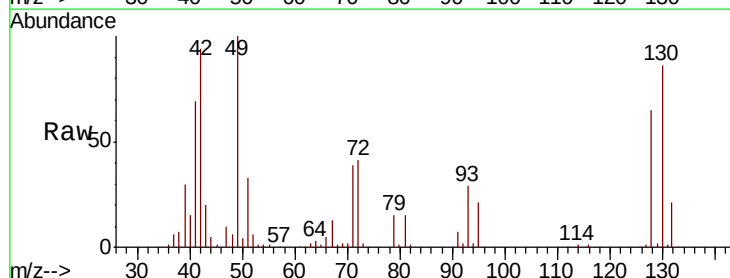
Tgt Ion: 49 Resp: 337129

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

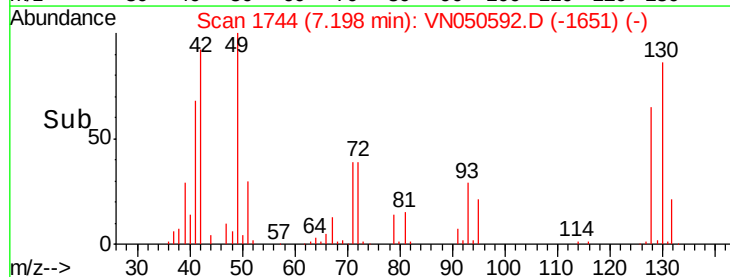
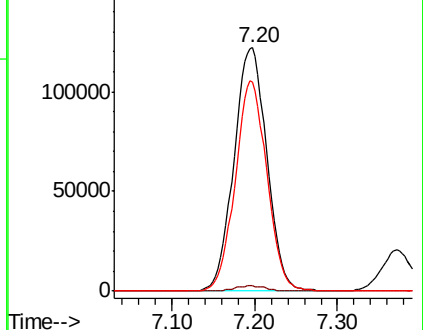
130 83.2 66.8 100.2

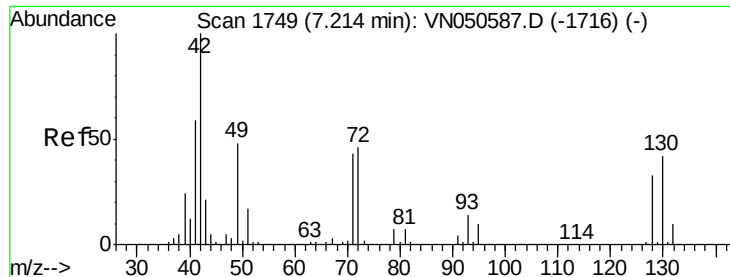


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 233.673 ug/l

RT: 7.21 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

BFB

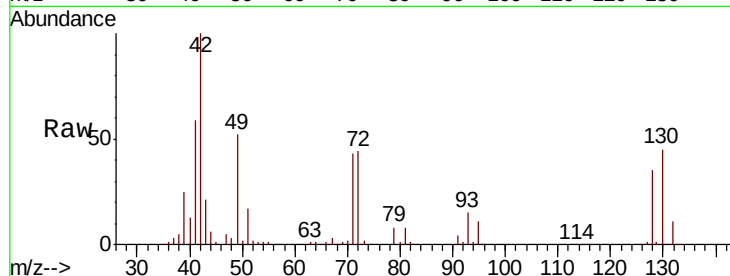
Tgt Ion: 42 Resp: 451665

Ion Ratio Lower Upper

42 100

72 45.1 35.8 53.6

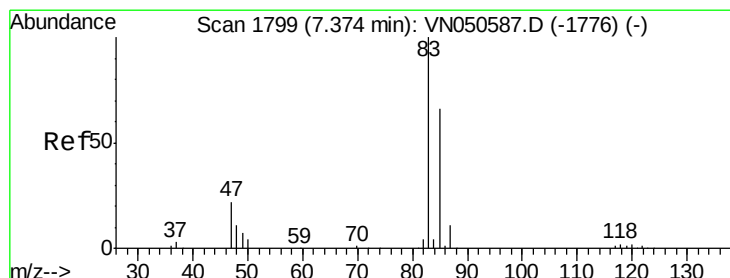
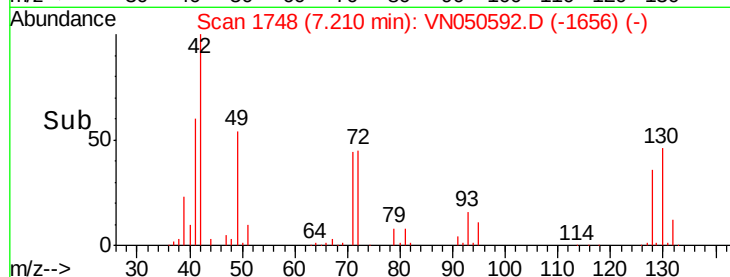
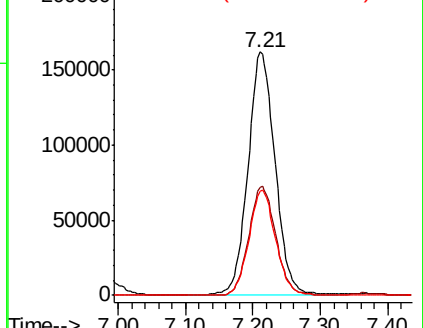
71 42.5 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 44.023 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN050592.D

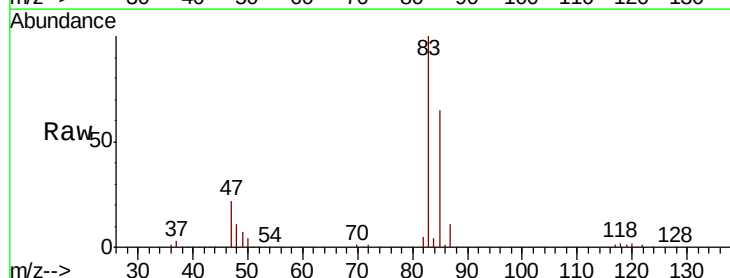
Acq: 14 Aug 2018 10:45

Tgt Ion: 83 Resp: 715498

Ion Ratio Lower Upper

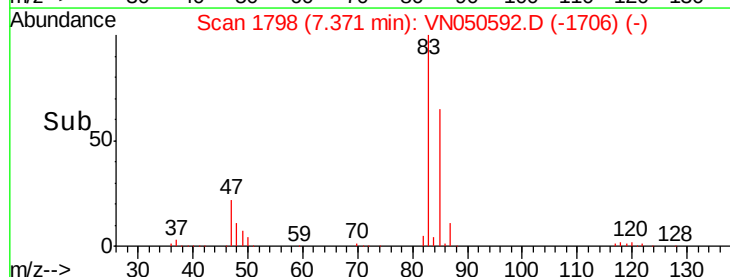
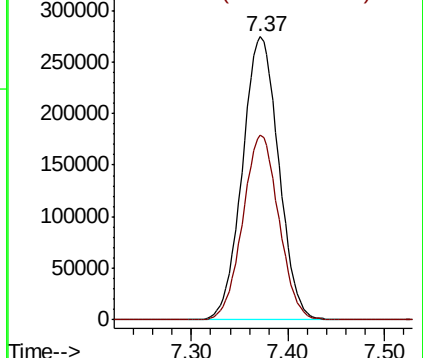
83 100

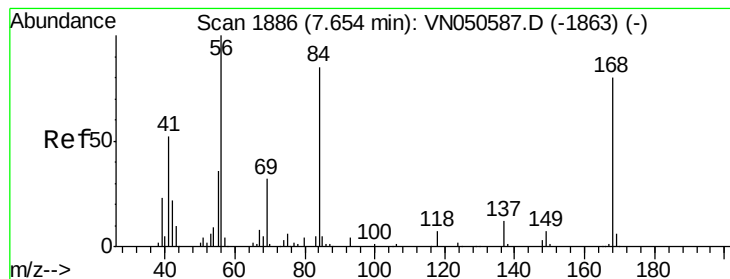
85 65.4 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 47.428 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

BFB

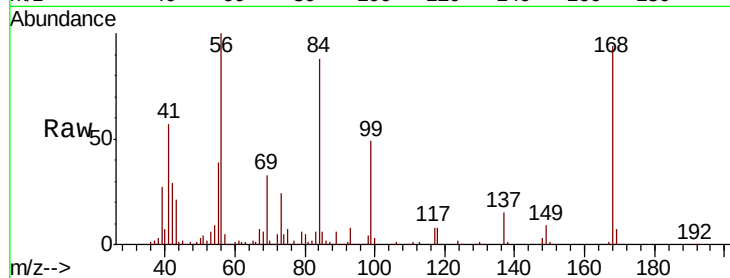
Tgt Ion: 56 Resp: 649352

Ion Ratio Lower Upper

56 100

69 33.3 25.8 38.6

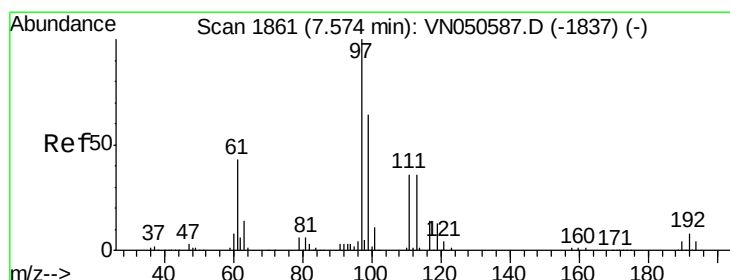
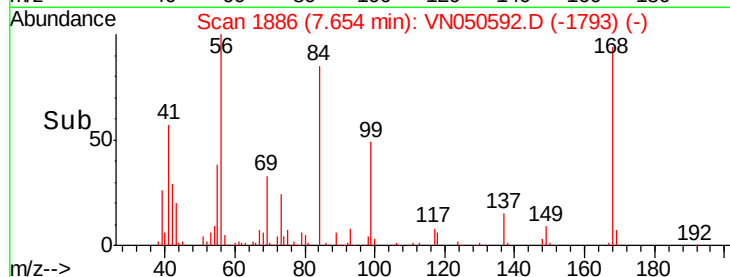
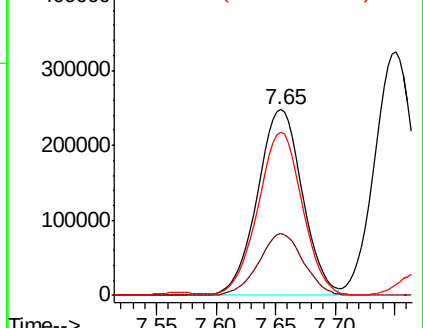
84 86.6 67.8 101.6



Abundance Ion 56.00 (55.70 to 56.70): VN050587.D (-1863) (-)

Ion 69.00 (68.70 to 69.70): VN050587.D (-1863) (-)

Ion 84.00 (83.70 to 84.70): VN050587.D (-1863) (-)



#32

1,1,1-Trichloroethane

Concen: 44.401 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

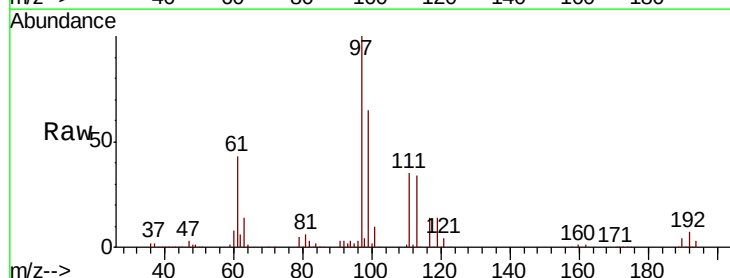
Tgt Ion: 97 Resp: 607416

Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

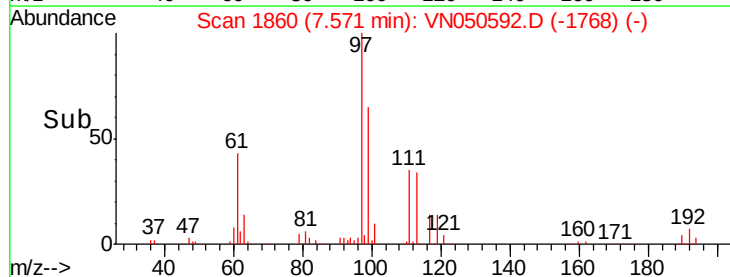
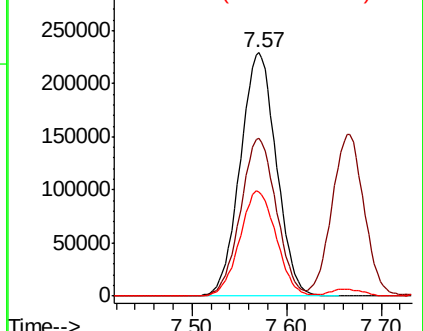
61 43.7 34.8 52.2

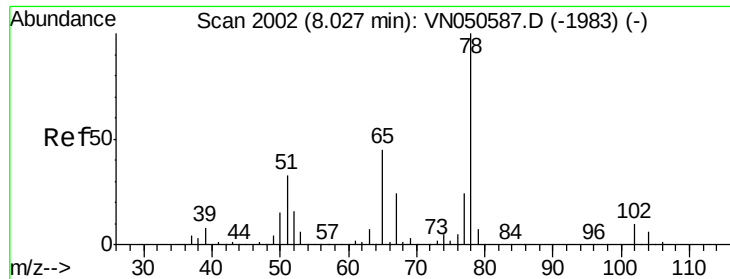


Abundance Ion 96.90 (96.60 to 97.60): VN050587.D (-1837) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1837) (-)

Ion 60.90 (60.60 to 61.60): VN050587.D (-1837) (-)

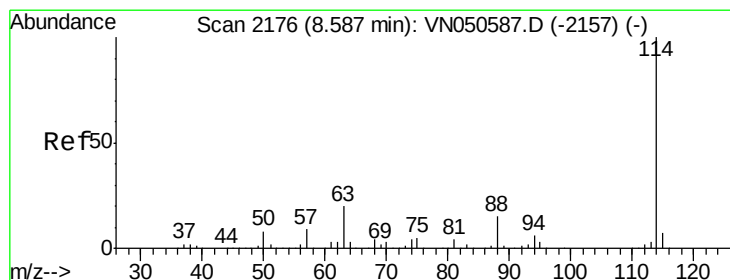
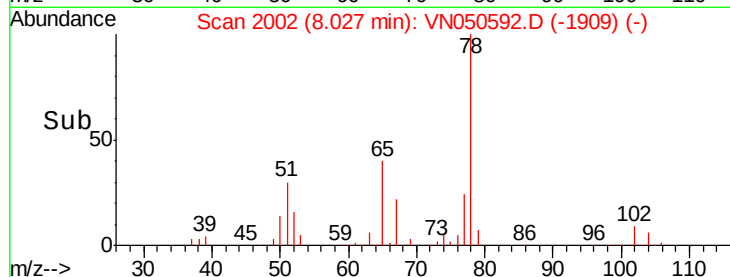
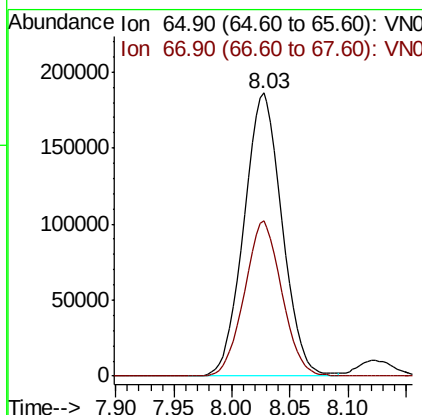
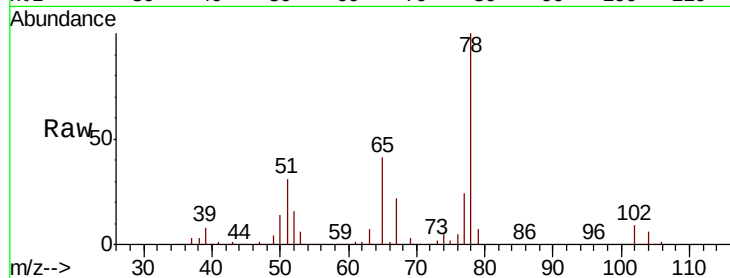




#33
 1,2-Dichloroethane-d4
 Concen: 47.241 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

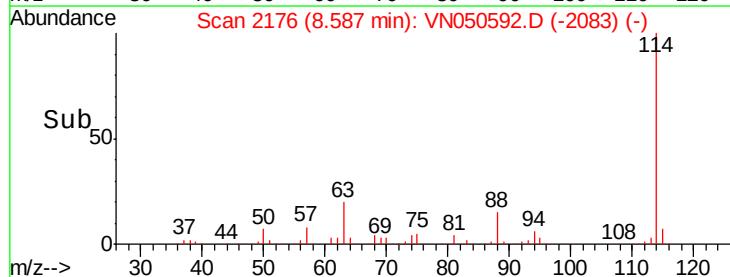
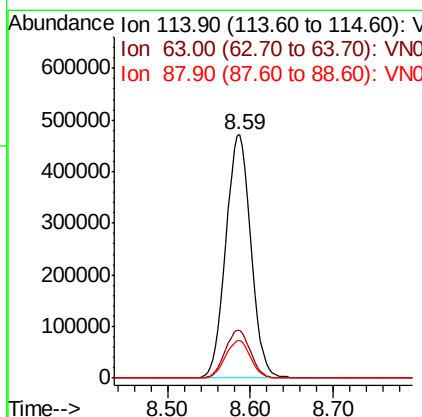
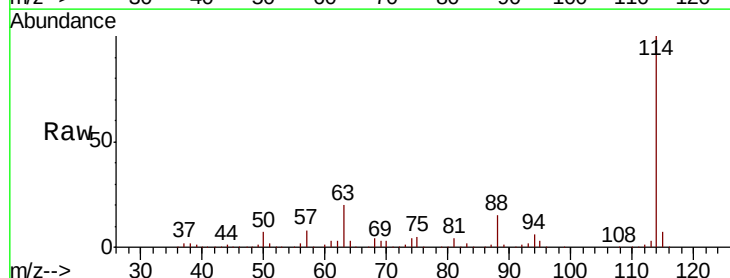
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

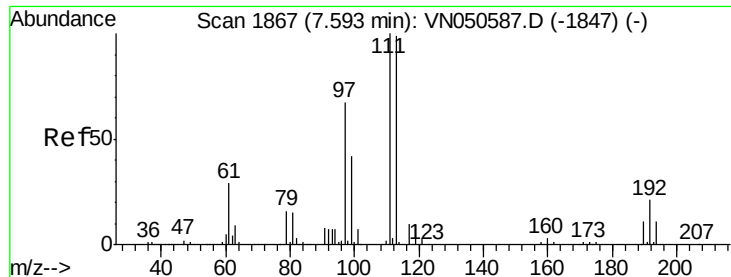
Tgt Ion: 65 Resp: 426529
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Tgt Ion: 114 Resp: 991440
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.4 0.0 30.8

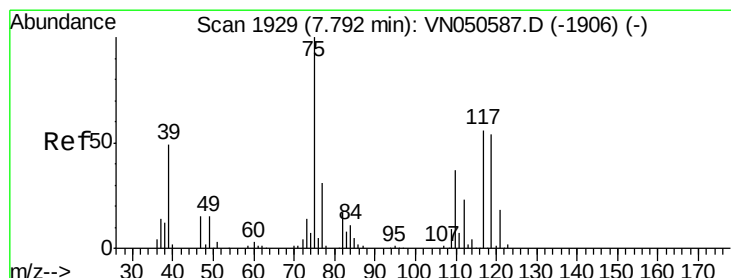
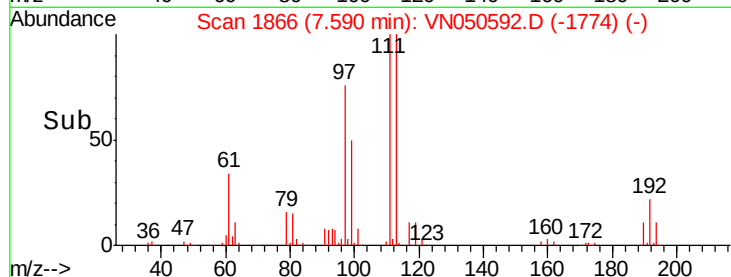
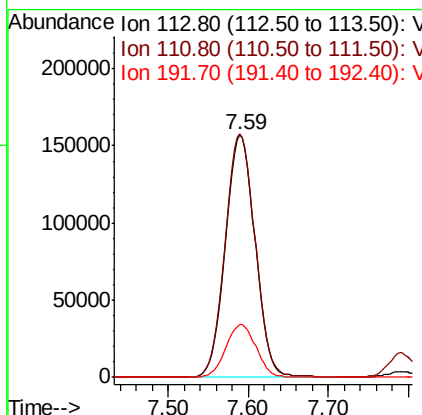
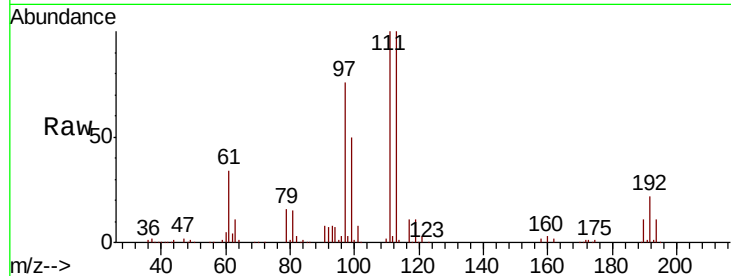




#35
 Dibromofluoromethane
 Concen: 50.499 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

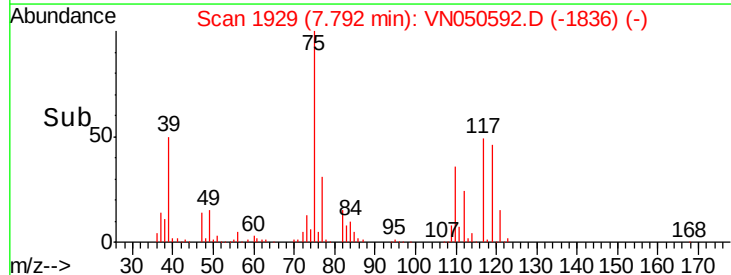
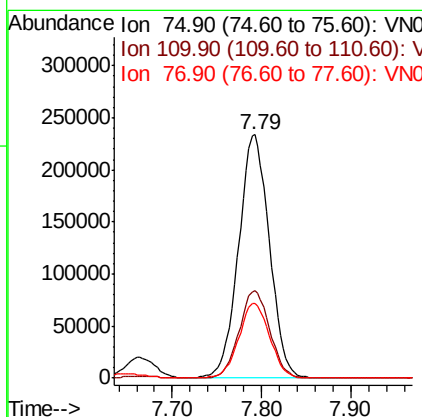
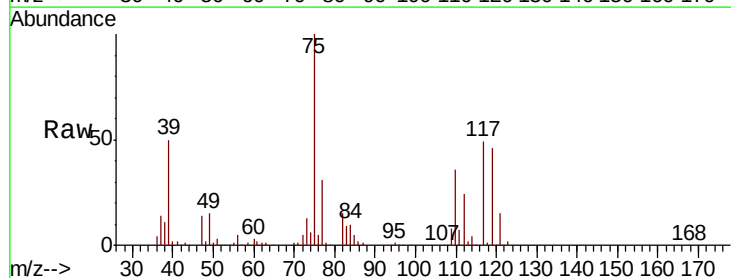
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

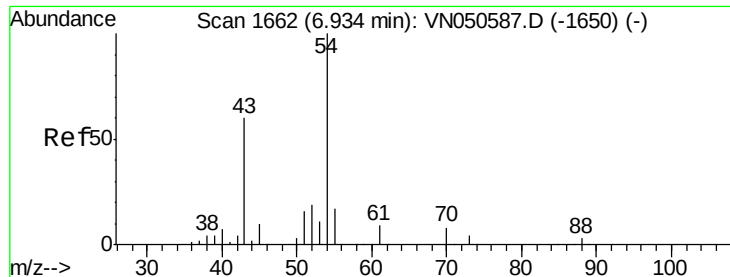
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.0	121.6
192	22.0	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 50.489 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.3	54.9
77	31.1	25.0	37.4

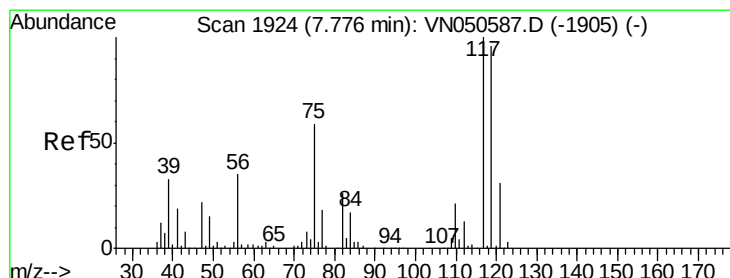
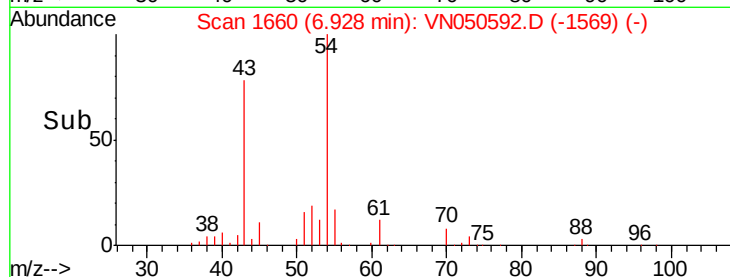
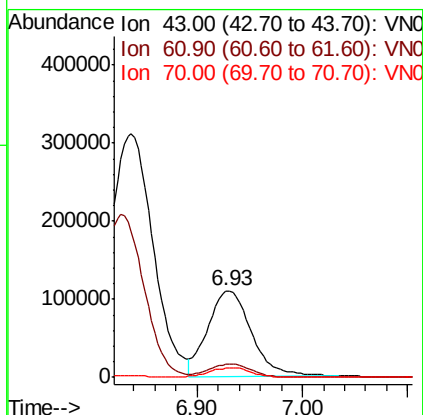
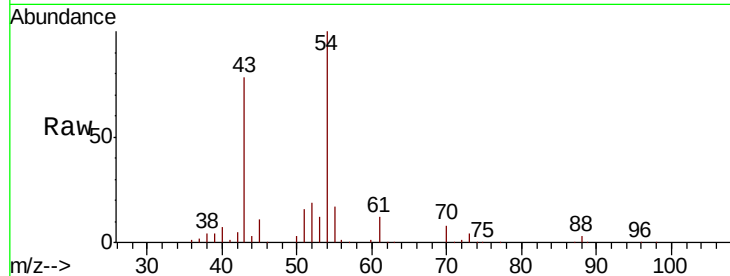




#37
 Ethyl Acetate
 Concen: 50.606 ug/l
 RT: 6.93 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

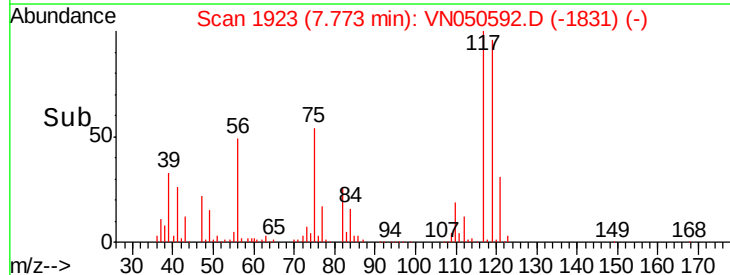
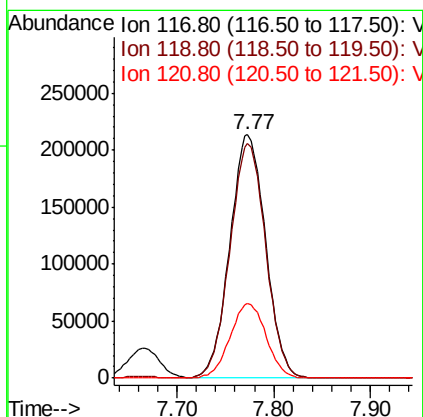
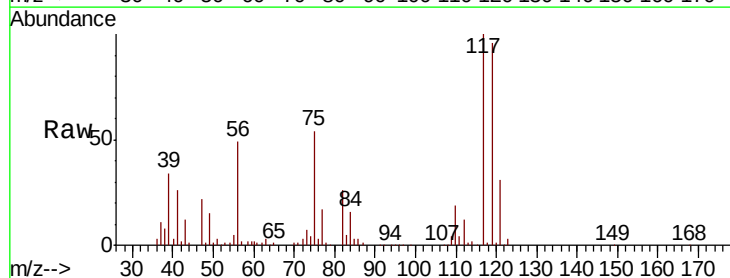
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

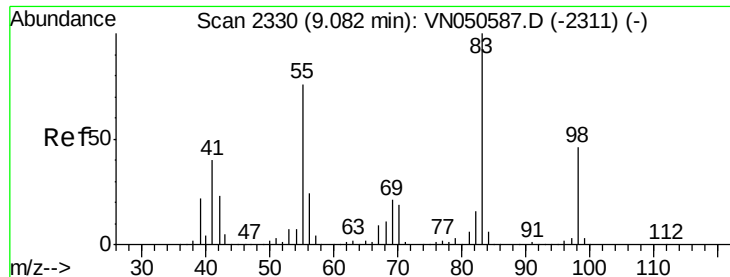
Tgt Ion: 43 Resp: 315710
 Ion Ratio Lower Upper
 43 100
 61 14.7 12.0 18.0
 70 10.4 8.5 12.7



#38
 Carbon Tetrachloride
 Concen: 47.715 ug/l
 RT: 7.77 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Tgt Ion: 117 Resp: 546294
 Ion Ratio Lower Upper
 117 100
 119 96.5 76.6 115.0
 121 30.9 25.0 37.6

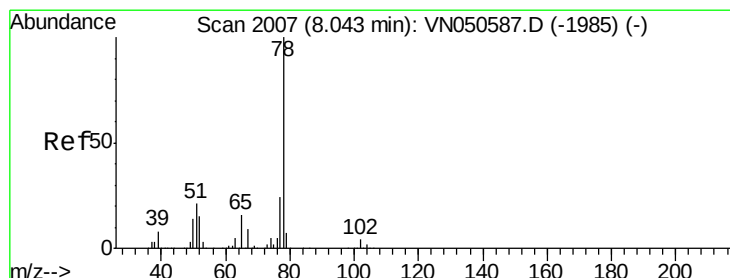
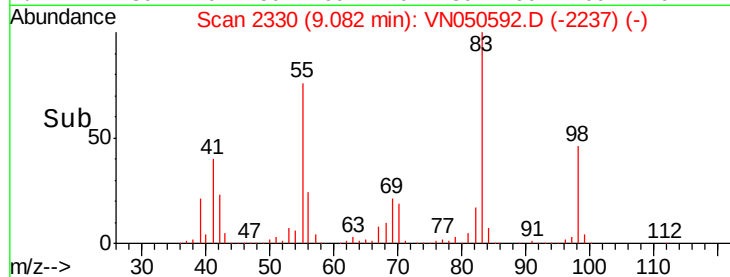
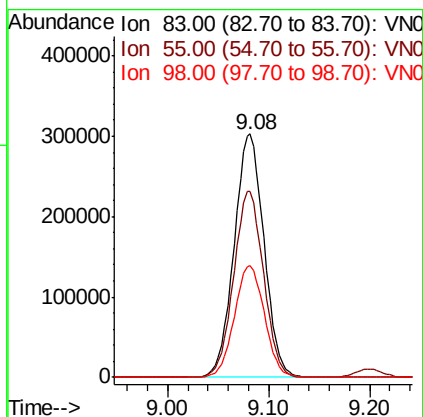
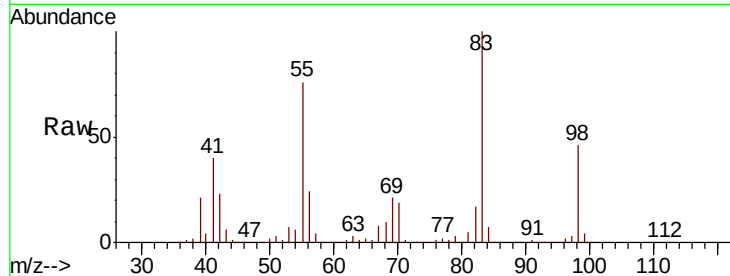




#39
Methylcyclohexane
Concen: 54.377 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

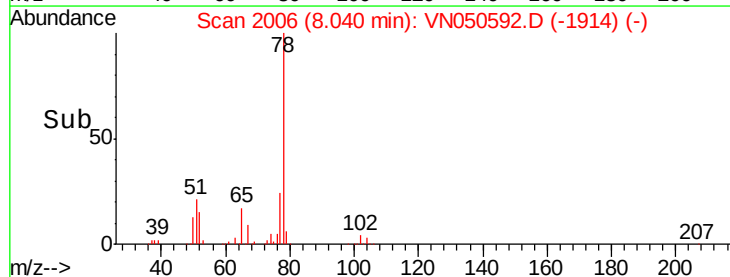
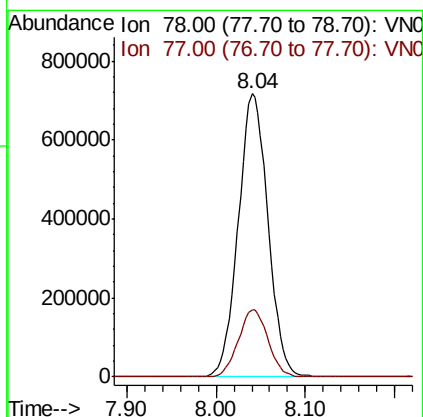
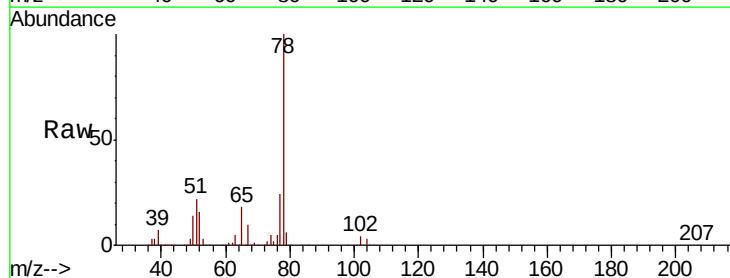
Instrument :
MSVOA_N
ClientSampled :
BFB

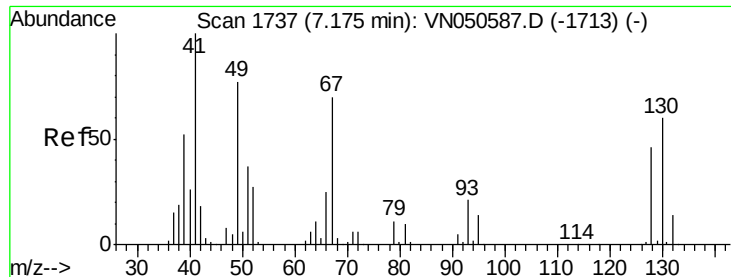
Tgt Ion: 83 Resp: 621329
Ion Ratio Lower Upper
83 100
55 76.3 60.6 91.0
98 45.8 37.0 55.4



#40
Benzene
Concen: 49.382 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion: 78 Resp: 1658000
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

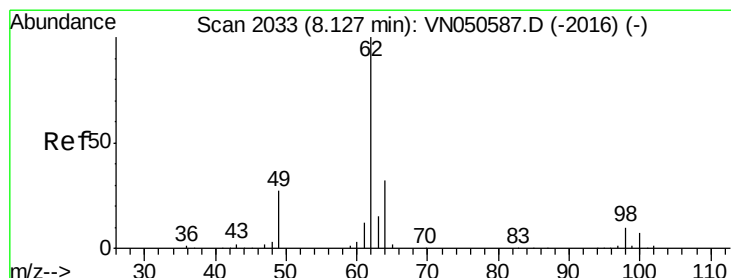
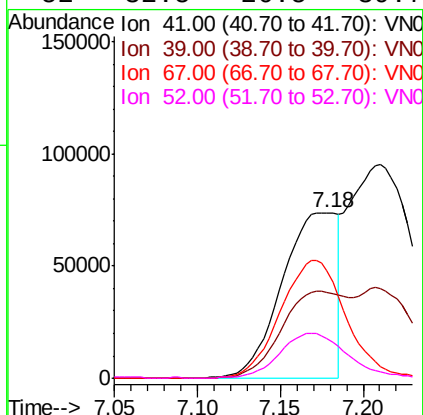
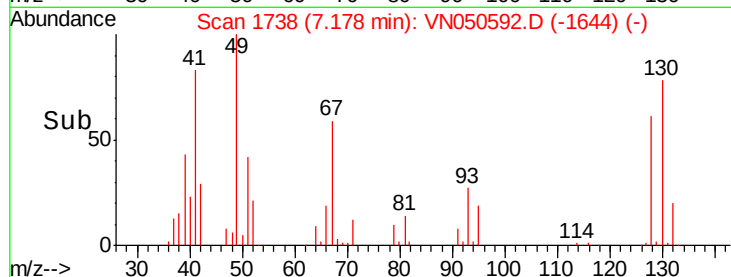
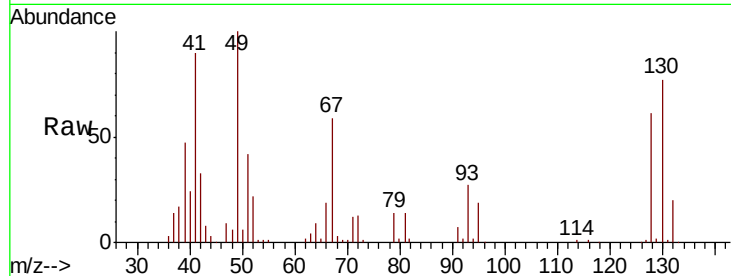




#41
Methacrylonitrile
Concen: 50.860 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

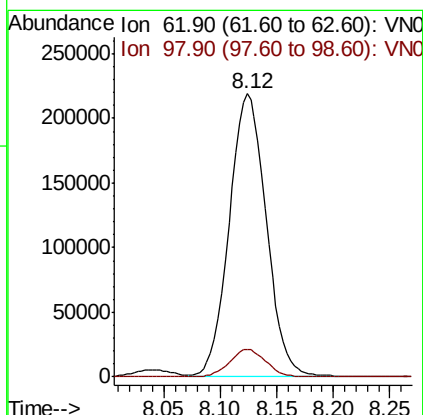
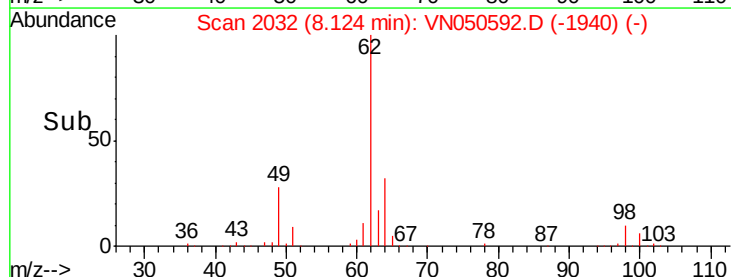
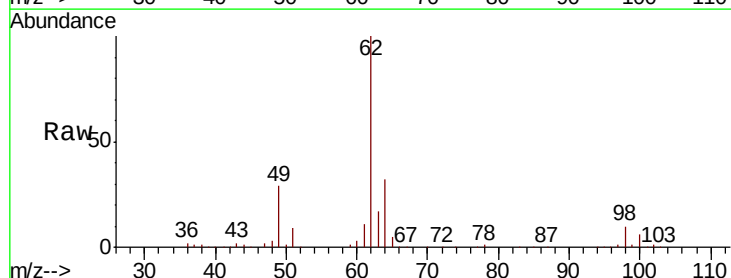
Instrument :
MSVOA_N
ClientSampled :
BFB

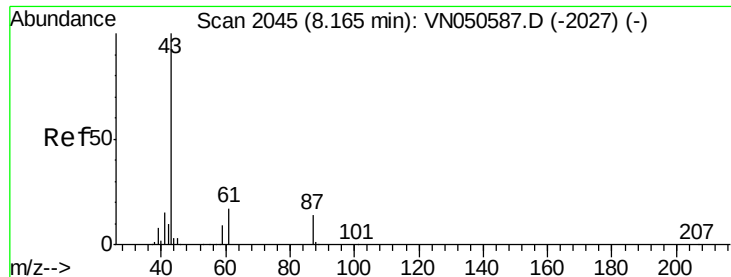
Tgt Ion:	41	Resp:	171535
Ion	Ratio	Lower	Upper
41	100		
39	64.6	44.6	66.8
67	84.7	66.7	100.1
52	32.5	26.5	39.7



#42
1,2-Dichloroethane
Concen: 48.196 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion:	62	Resp:	495952
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

Isopropyl Acetate

Concen: 48.879 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

BFB

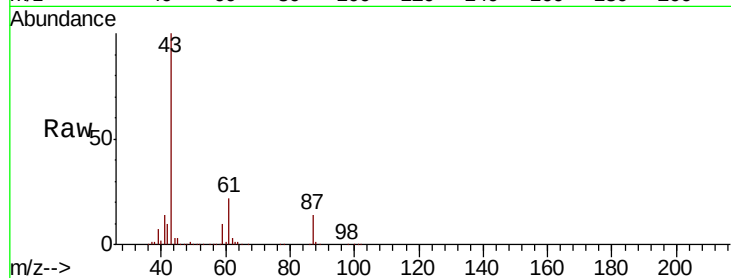
Tgt Ion: 43 Resp: 555706

Ion Ratio Lower Upper

43 100

61 20.8 16.2 24.2

87 14.1 10.9 16.3

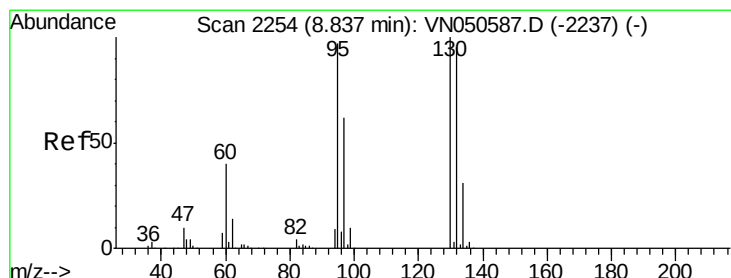
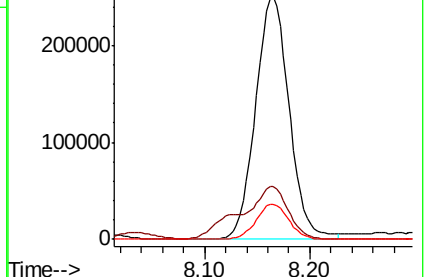
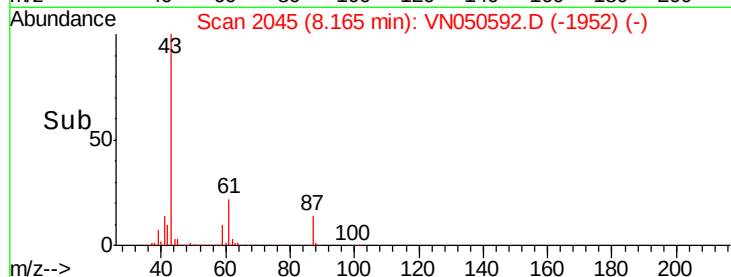


Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)

Time-->



#44

Trichloroethene

Concen: 48.145 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN050592.D

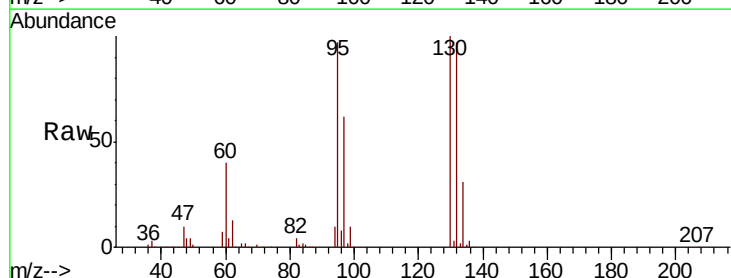
Acq: 14 Aug 2018 10:45

Tgt Ion: 130 Resp: 433003

Ion Ratio Lower Upper

130 100

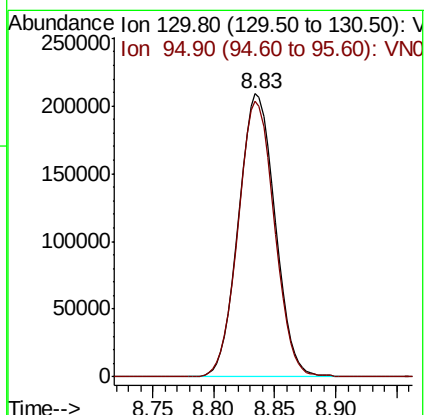
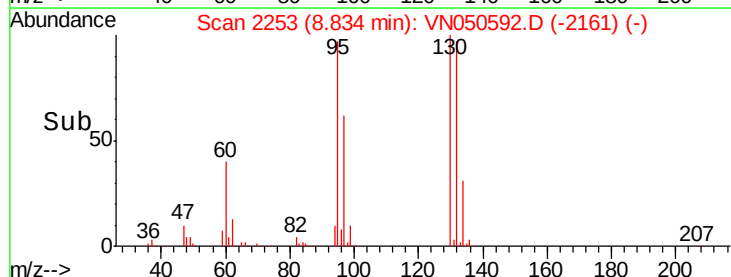
95 97.4 0.0 193.8

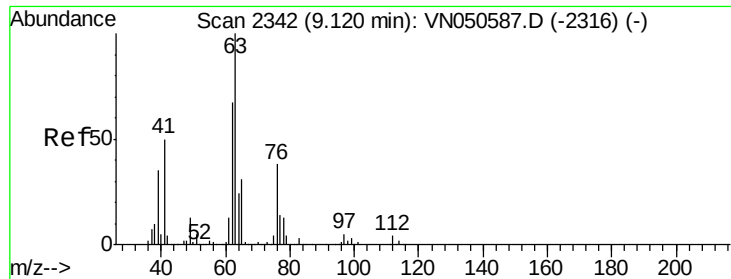


Abundance Ion 129.80 (129.50 to 130.50): VN050587.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050587.D (-2237) (-)

Time-->

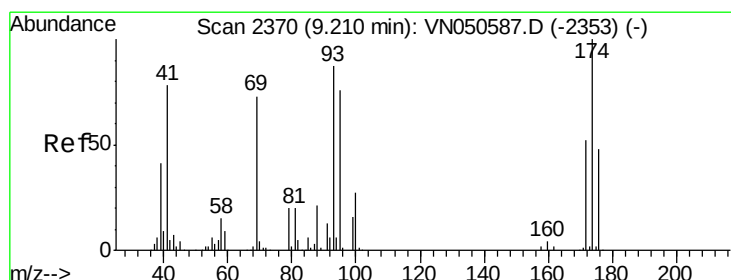
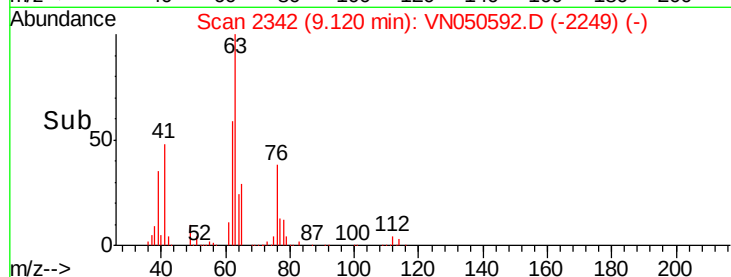
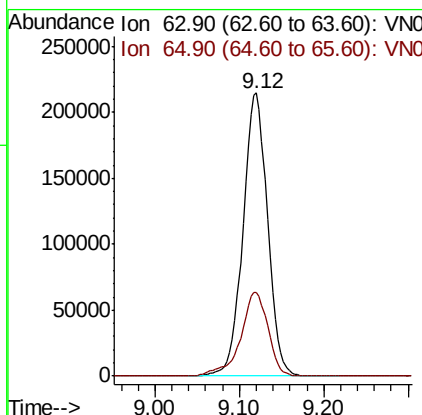
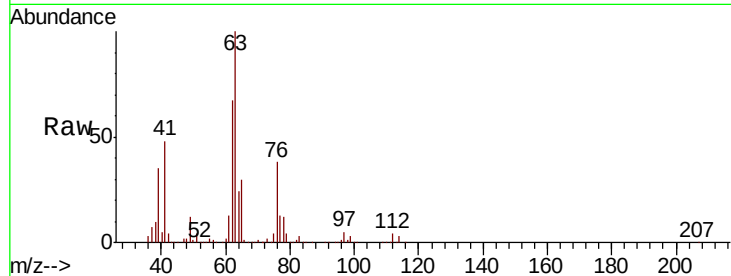




#45
 1,2-Dichloropropane
 Concen: 48.866 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

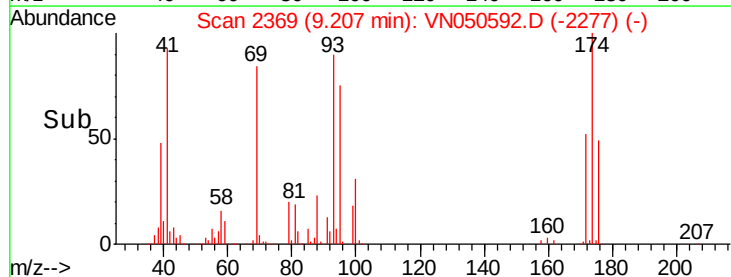
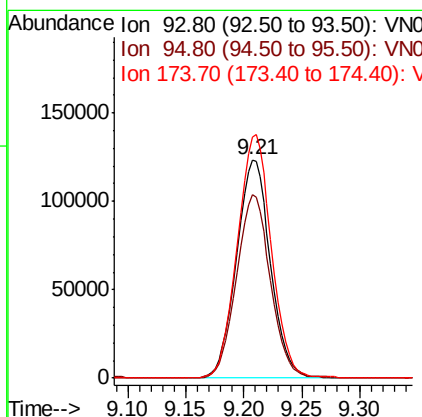
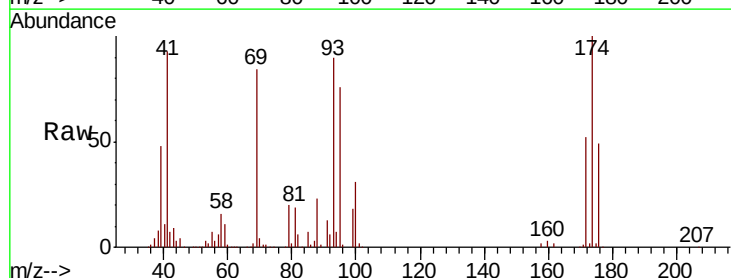
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

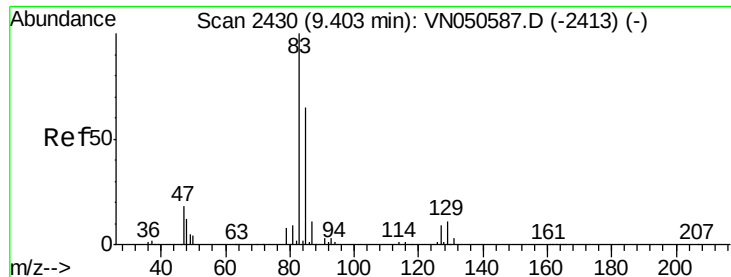
Tgt Ion: 63 Resp: 436791
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.5 36.7



#46
 Dibromomethane
 Concen: 47.540 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Tgt Ion: 93 Resp: 250914
 Ion Ratio Lower Upper
 93 100
 95 83.7 69.1 103.7
 174 112.2 91.0 136.6





#47

Bromodichloromethane

Concen: 48.467 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

BFB

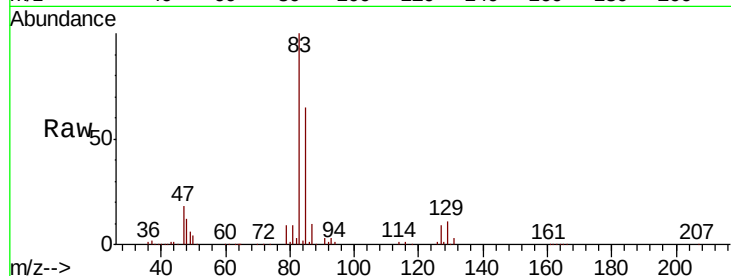
Tgt Ion: 83 Resp: 546759

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.6

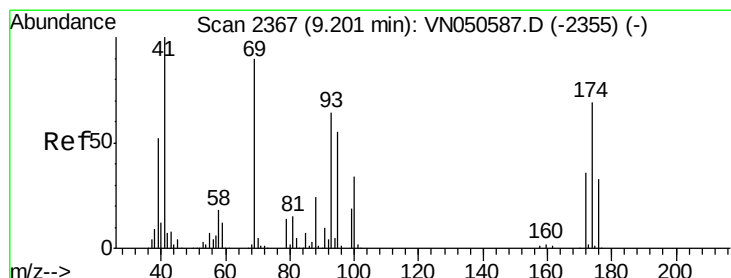
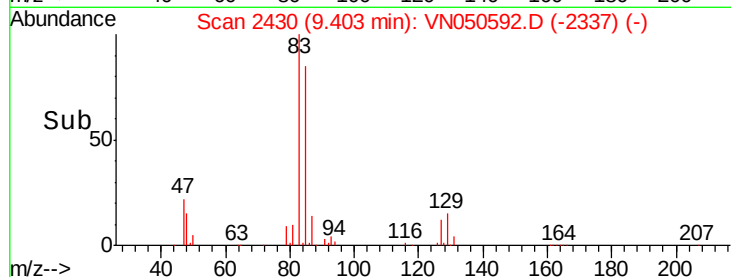
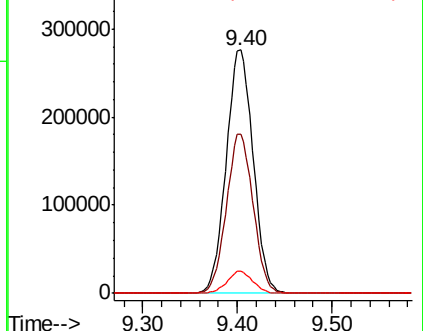
127 9.1 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN050592.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN050592.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN050592.D (-2337) (-)



#48

Methyl methacrylate

Concen: 48.986 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

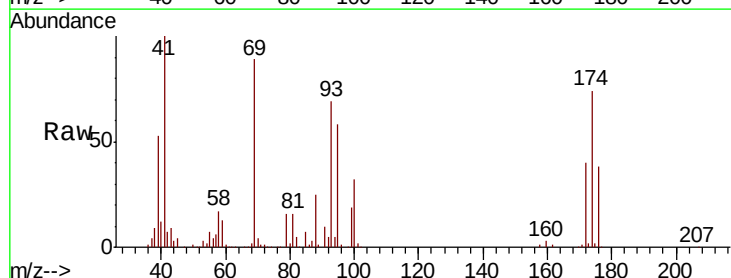
Tgt Ion: 41 Resp: 280234

Ion Ratio Lower Upper

41 100

69 92.1 73.4 110.0

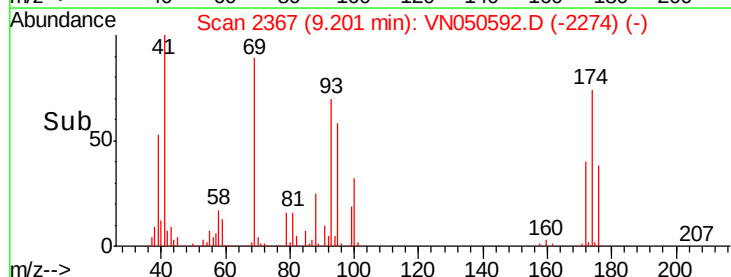
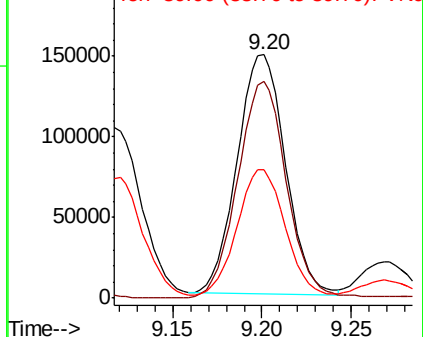
39 54.1 43.0 64.6

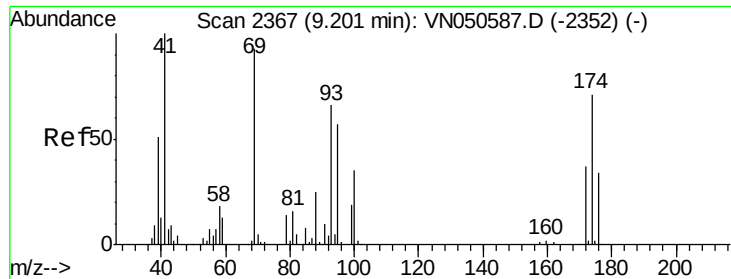


Abundance Ion 41.00 (40.70 to 41.70): VN050592.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN050592.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN050592.D (-2274) (-)

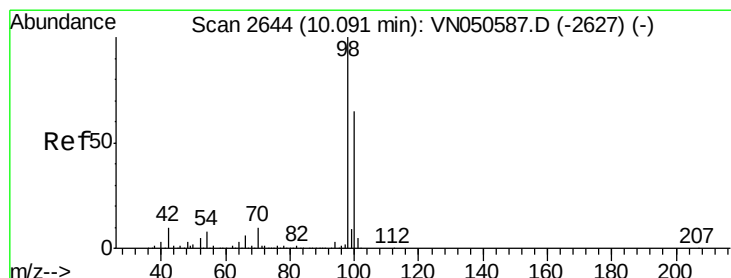
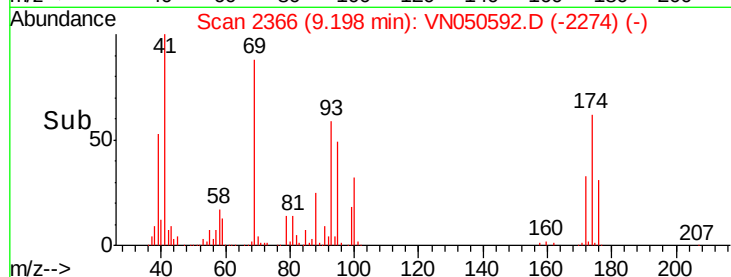
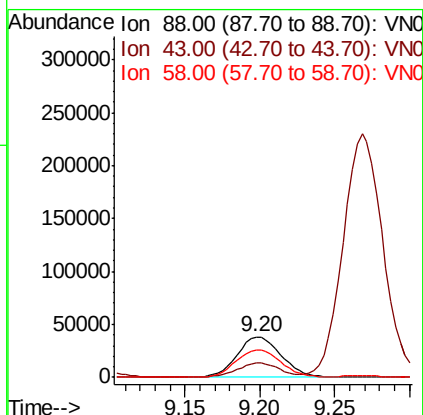
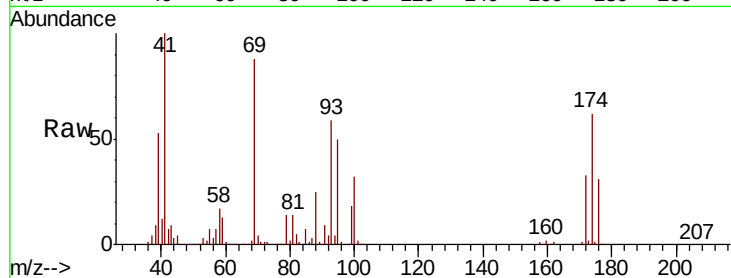




#49
 1,4-Dioxane
 Concen: 1041.751 ug/l
 RT: 9.20 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

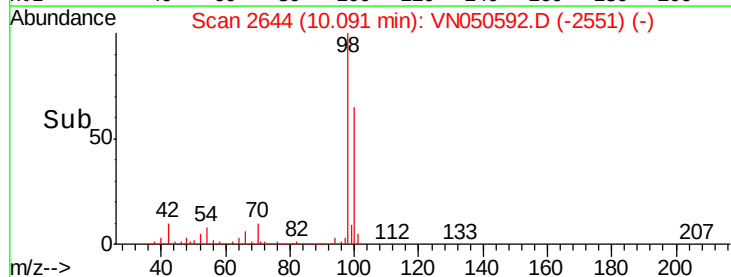
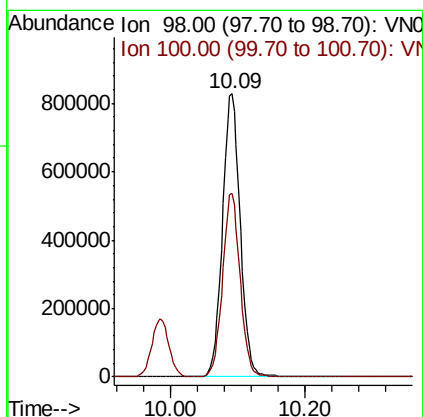
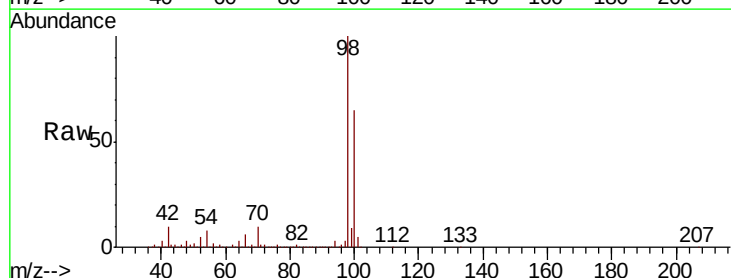
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

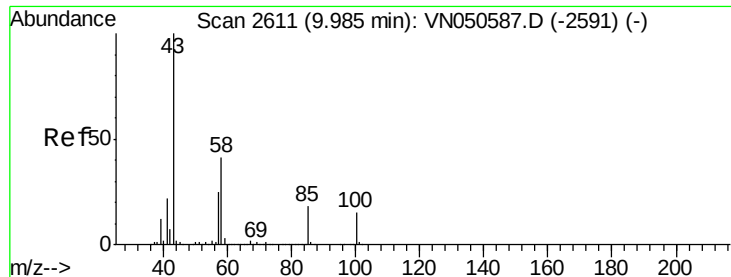
Tgt Ion: 88 Resp: 78510
 Ion Ratio Lower Upper
 88 100
 43 32.1 25.9 38.9
 58 69.6 56.5 84.7



#50
 Toluene-d8
 Concen: 51.219 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Tgt Ion: 98 Resp: 1525782
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.8 77.8

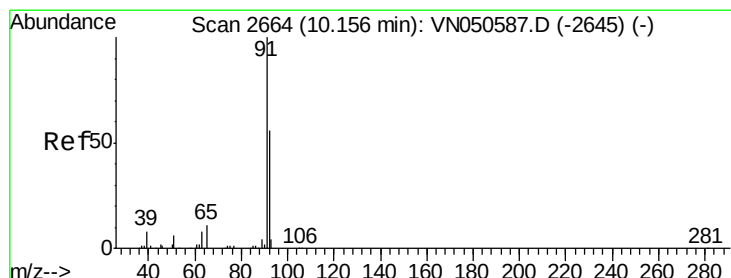
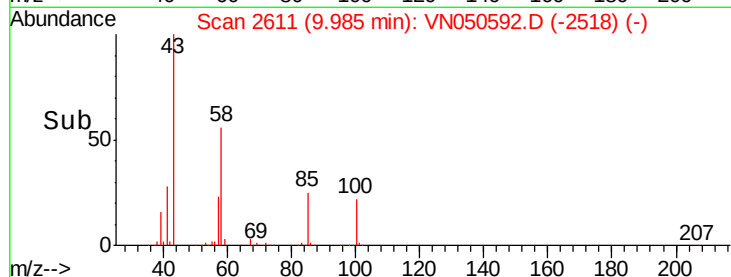
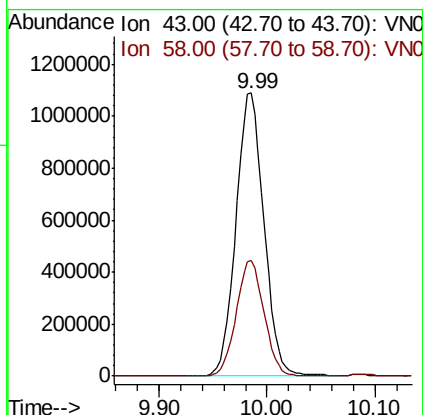
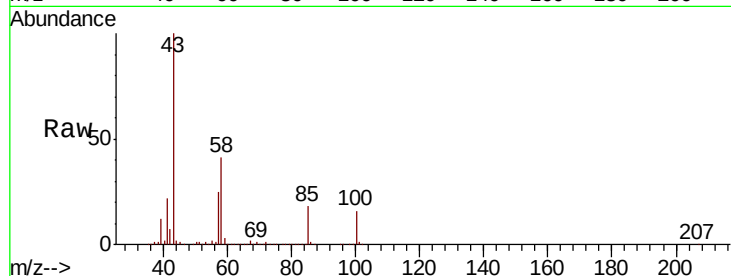




#51
 4-Methyl-2-Pentanone
 Concen: 256.111 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

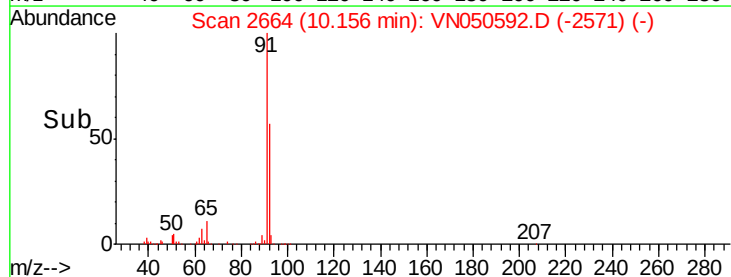
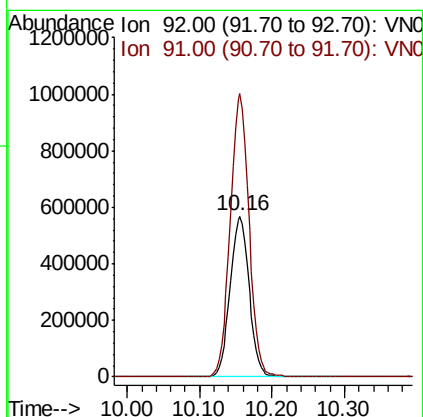
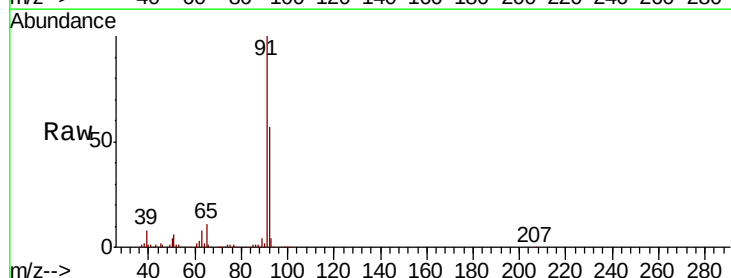
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

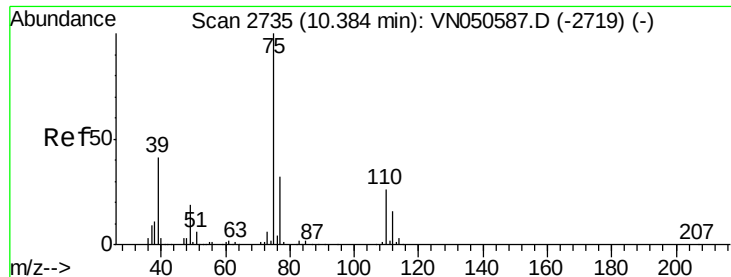
Tgt Ion: 43 Resp: 1969243
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.5 48.7



#52
 Toluene
 Concen: 52.049 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Tgt Ion: 92 Resp: 1043404
 Ion Ratio Lower Upper
 92 100
 91 173.5 141.9 212.9





#53

t-1,3-Dichloropropene

Concen: 52.712 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

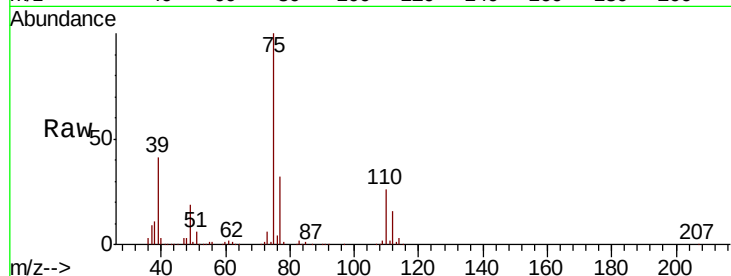
BFB

Tgt Ion: 75 Resp: 553873

Ion Ratio Lower Upper

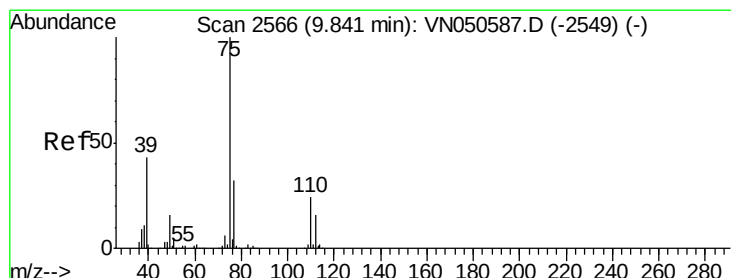
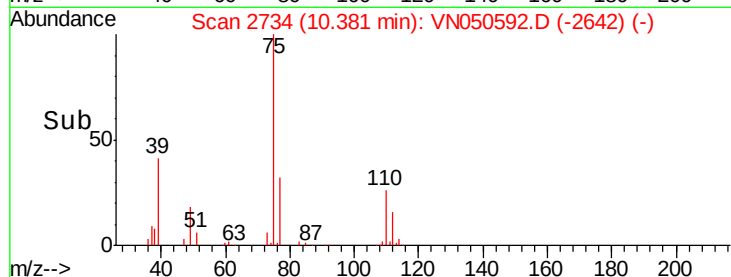
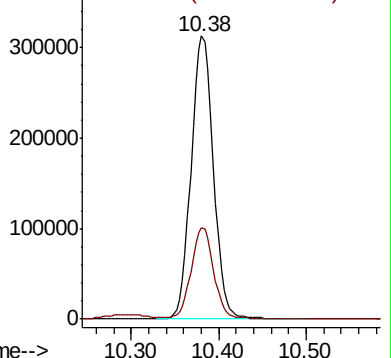
75 100

77 32.1 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 54.120 ug/l

RT: 9.84 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

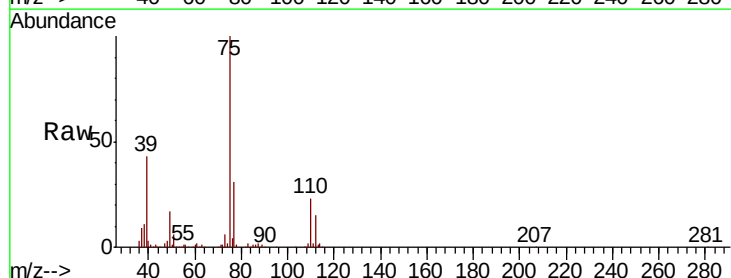
Tgt Ion: 75 Resp: 652377

Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

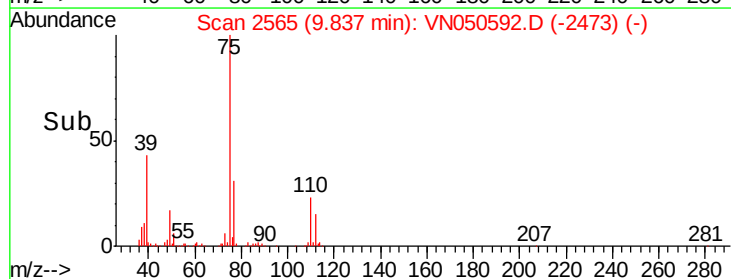
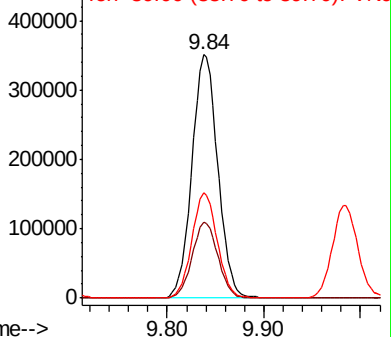
39 43.3 34.4 51.6

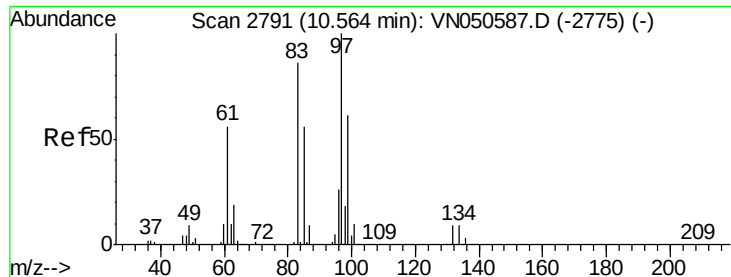


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 48.305 ug/l

RT: 10.56 min Scan# 2790

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

BFB

Tgt Ion: 97 Resp: 361768

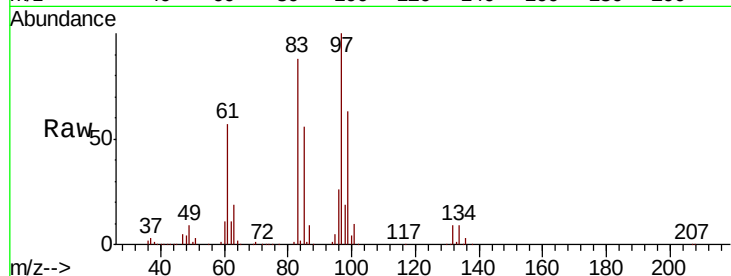
Ion Ratio Lower Upper

97 100

83 88.1 68.5 102.7

85 55.9 44.6 66.8

99 63.2 49.1 73.7

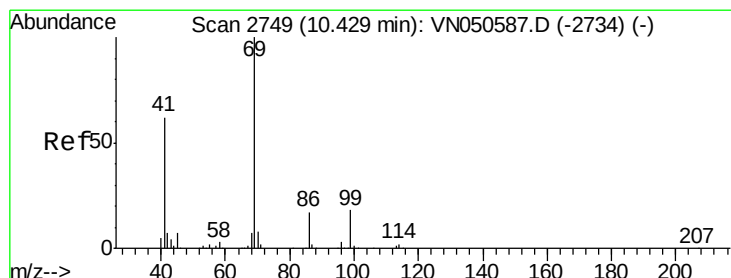
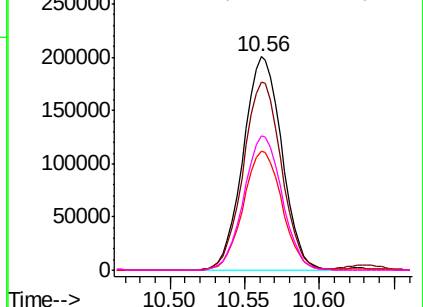
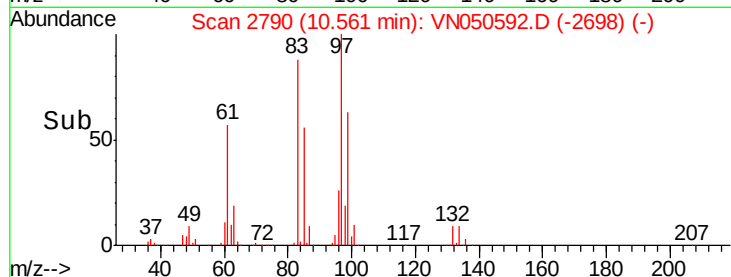


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 47.889 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

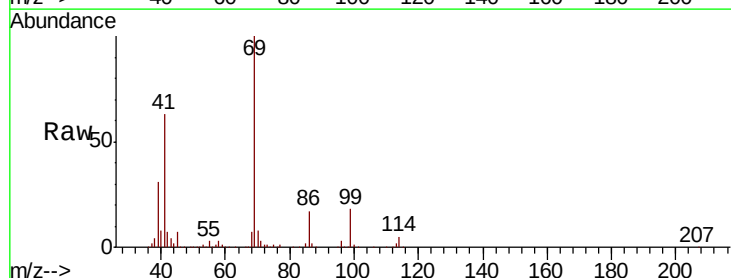
Tgt Ion: 69 Resp: 456717

Ion Ratio Lower Upper

69 100

41 62.3 49.7 74.5

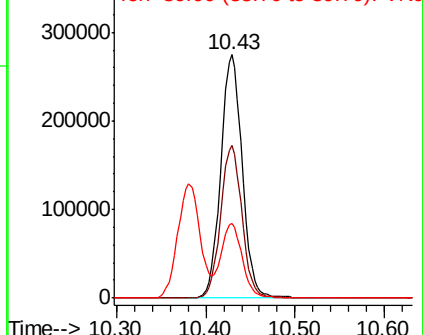
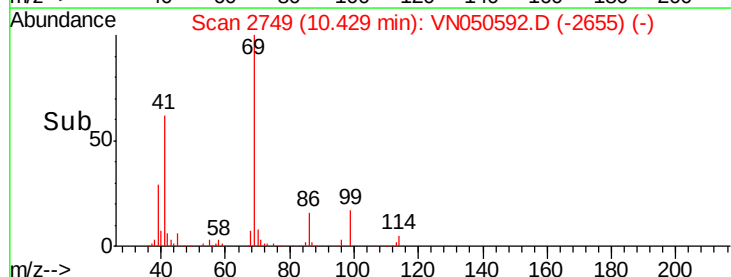
39 30.4 24.2 36.2

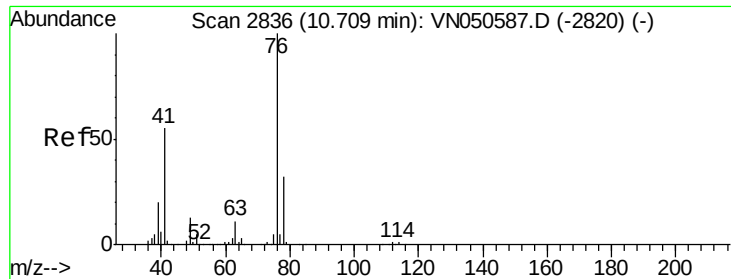


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

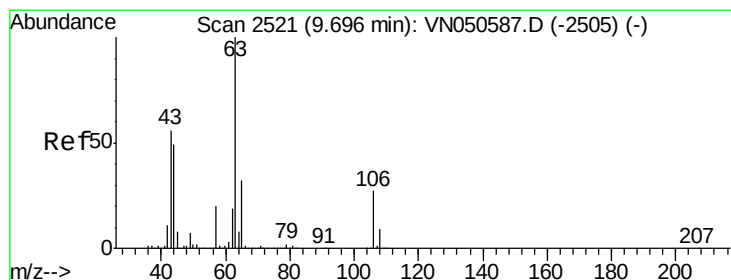
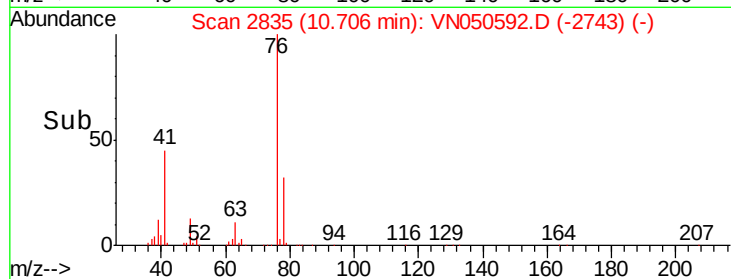
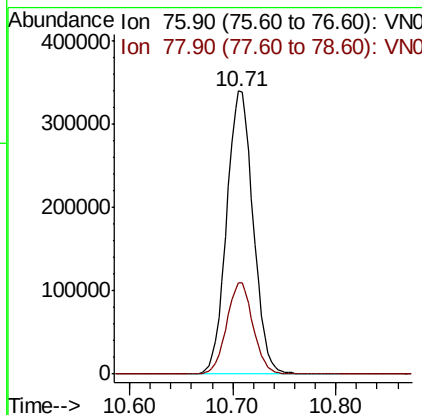
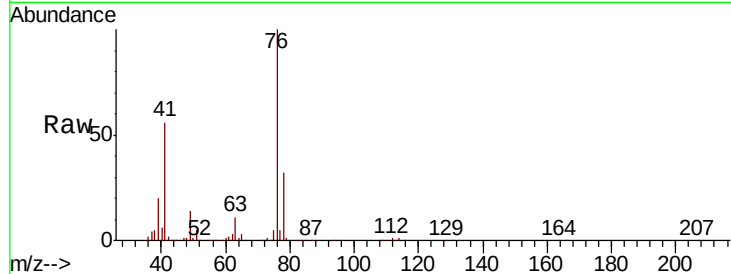




#57
 1,3-Dichloropropane
 Concen: 49.673 ug/l
 RT: 10.71 min Scan# 2835
 Delta R.T. -0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

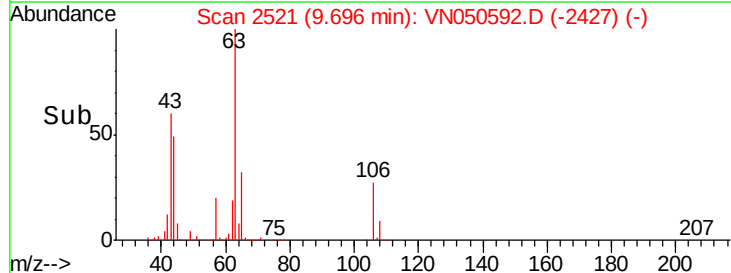
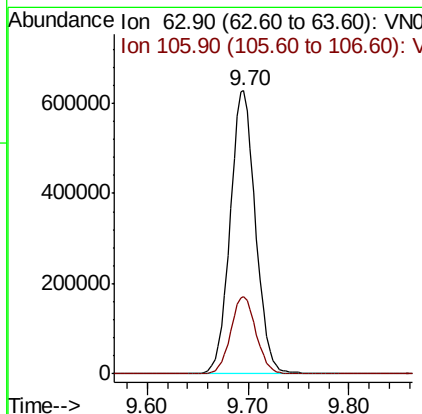
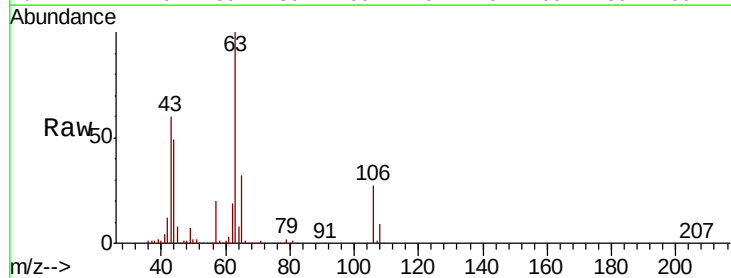
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

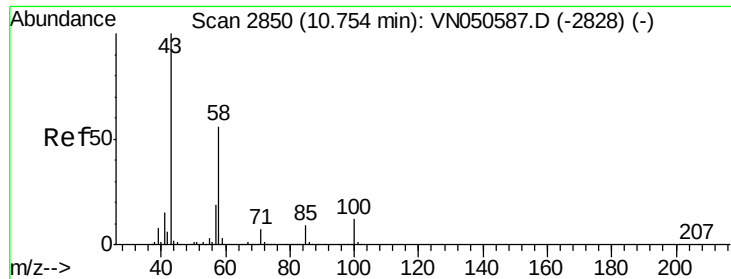
Tgt Ion: 76 Resp: 609877
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.887 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Tgt Ion: 63 Resp: 1100544
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.7 32.5

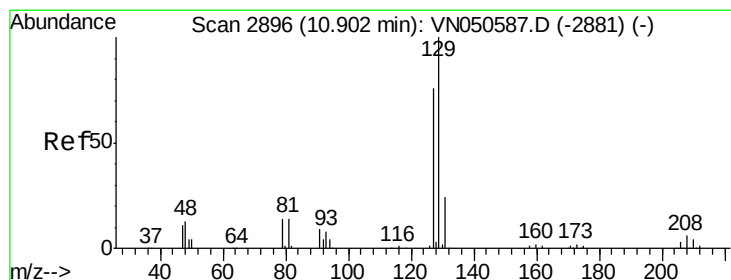
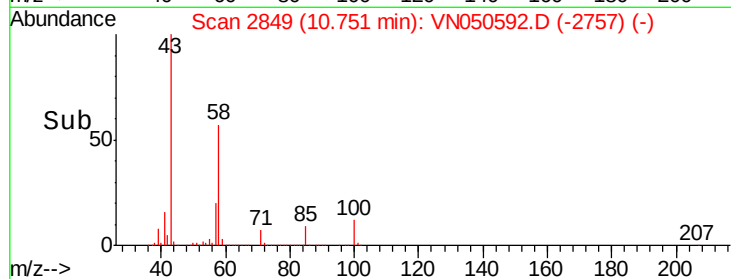
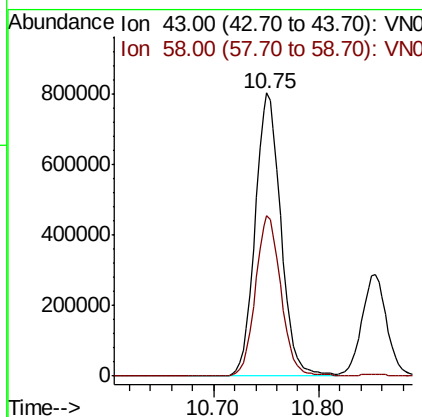
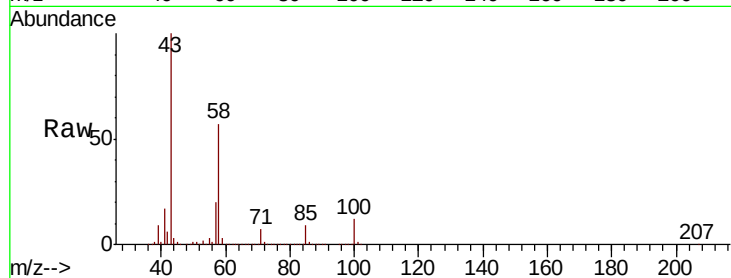




#59
2-Hexanone
Concen: 274.551 ug/l
RT: 10.75 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

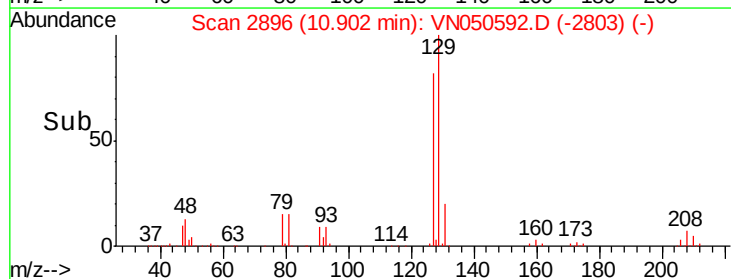
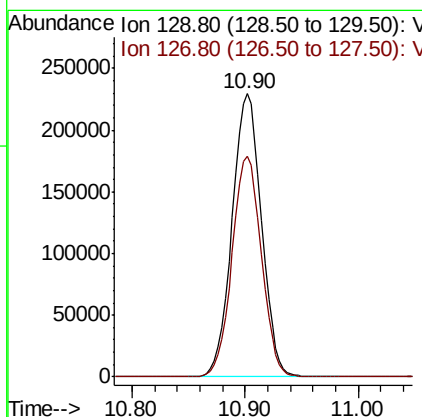
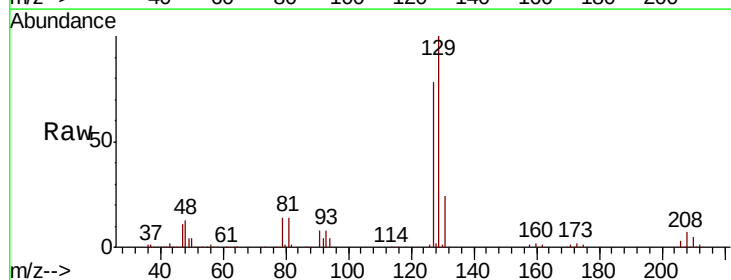
Instrument :
MSVOA_N
ClientSampled :
BFB

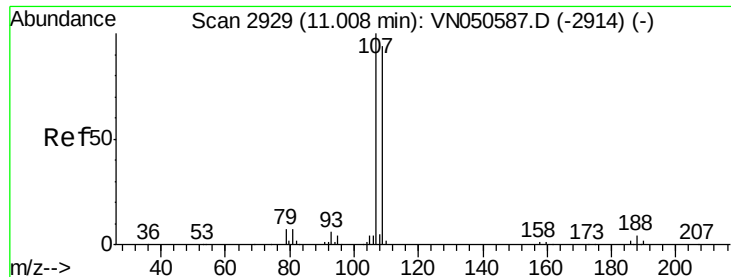
Tgt Ion: 43 Resp: 1362504
Ion Ratio Lower Upper
43 100
58 56.4 28.0 84.0



#60
Dibromochloromethane
Concen: 50.215 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion: 129 Resp: 415043
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7

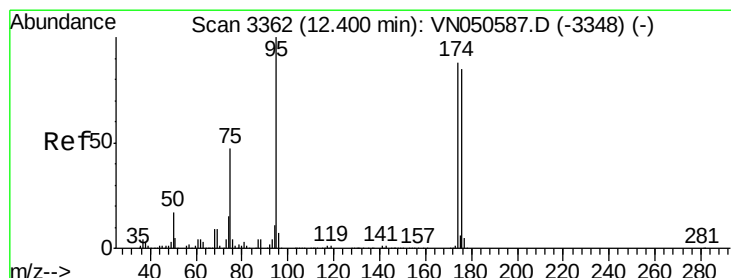
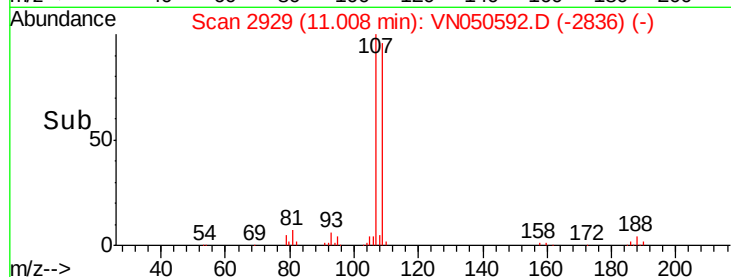
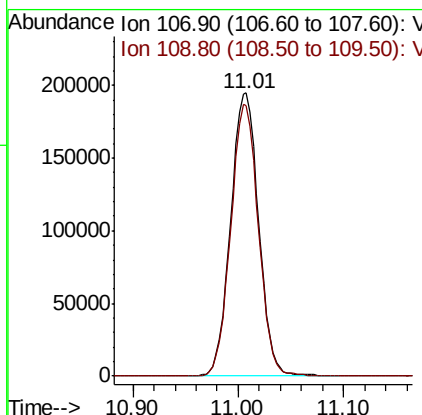
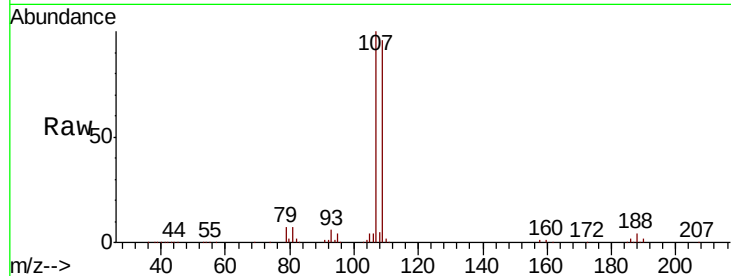




#61
 1,2-Dibromoethane
 Concen: 50.028 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

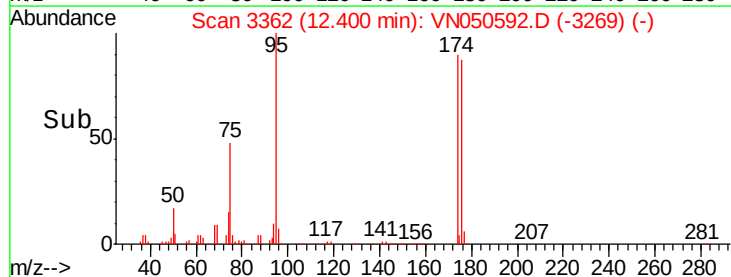
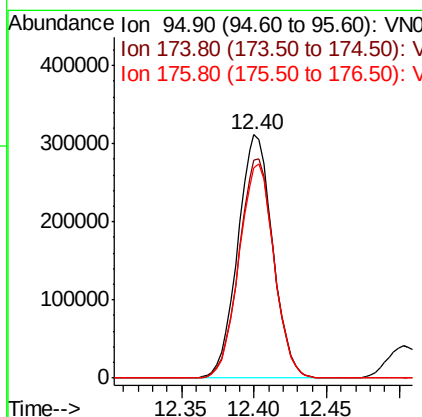
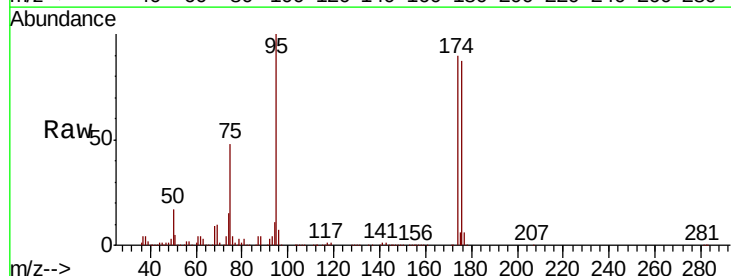
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

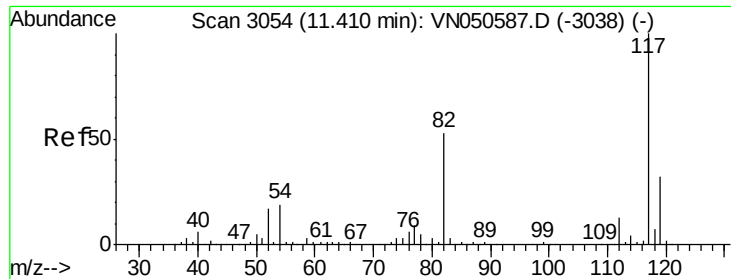
Tgt Ion: 107 Resp: 356807
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 52.754 ug/l
 RT: 12.40 min Scan# 3362
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Tgt Ion: 95 Resp: 519173
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 177.8
 176 88.6 0.0 175.0

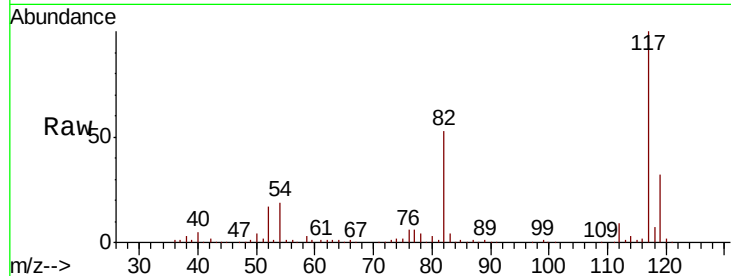




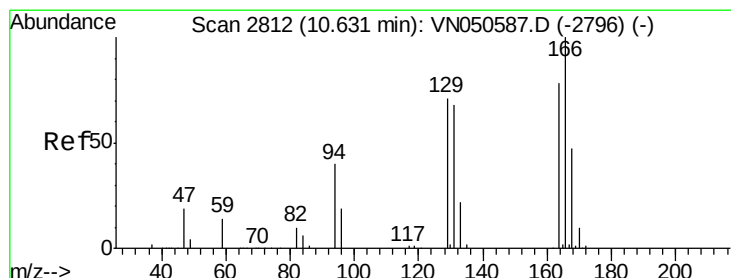
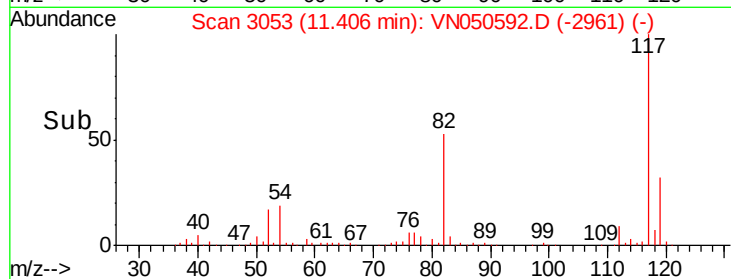
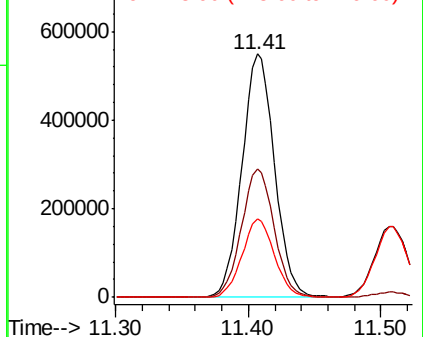
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tgt Ion:117 Resp: 936403
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 32.2 25.8 38.8

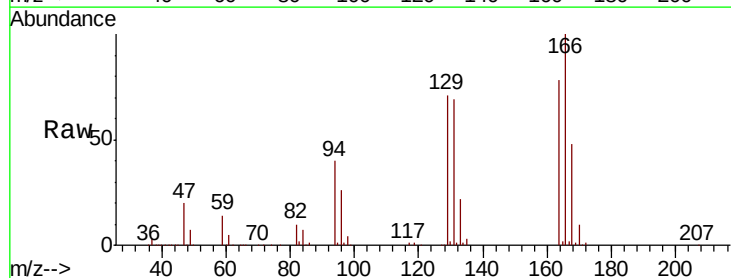


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

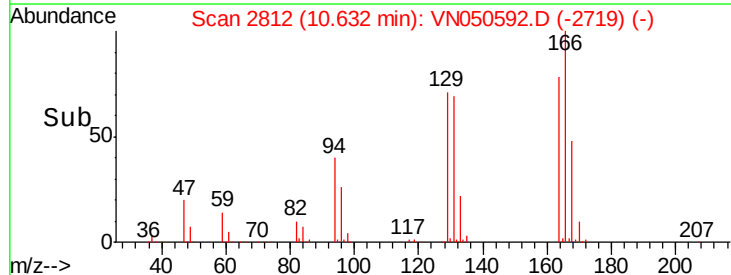
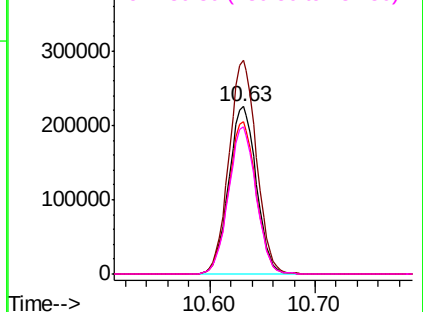


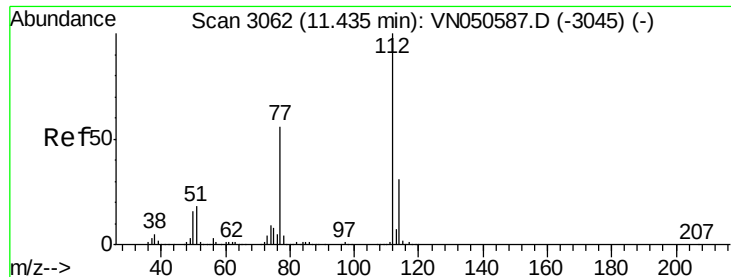
#64
Tetrachloroethene
Concen: 46.901 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion:164 Resp: 407859
Ion Ratio Lower Upper
164 100
166 127.8 102.1 153.1
129 91.0 72.7 109.1
131 88.2 69.9 104.9



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

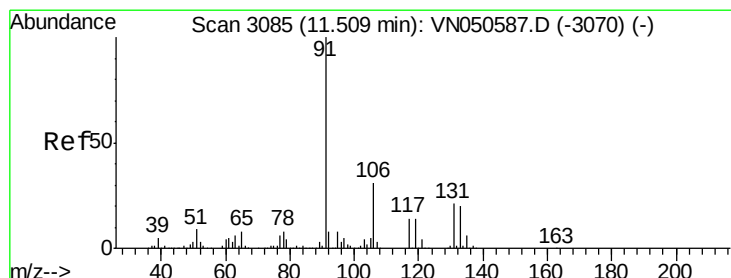
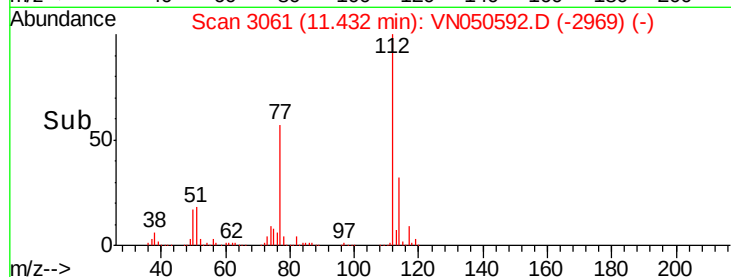
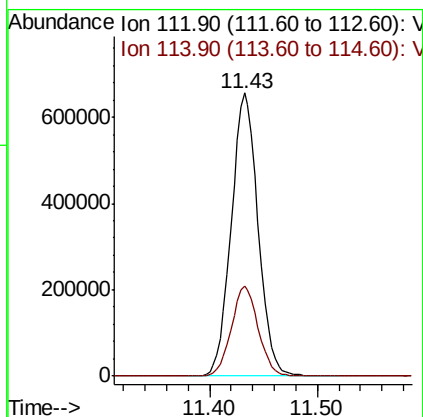
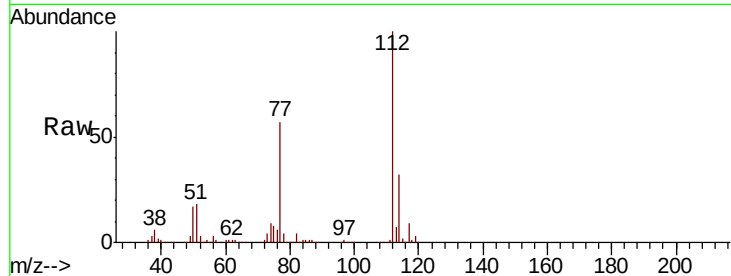




#65
Chlorobenzene
Concen: 48.692 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

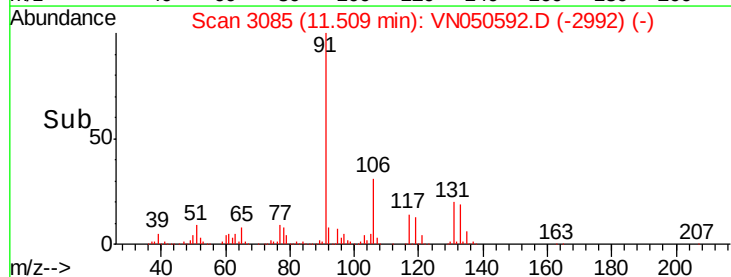
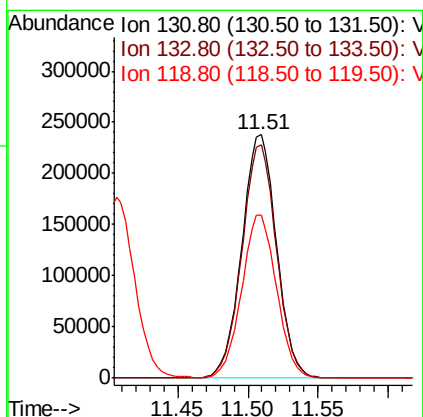
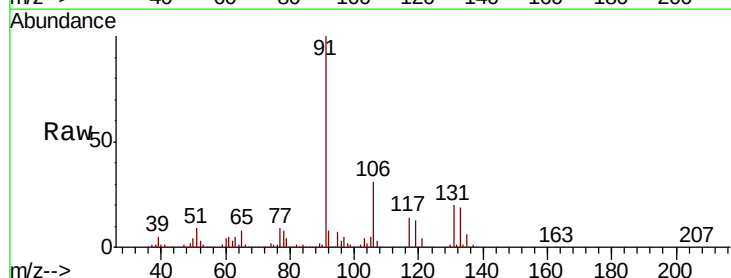
Instrument :
MSVOA_N
ClientSampleId :
BFB

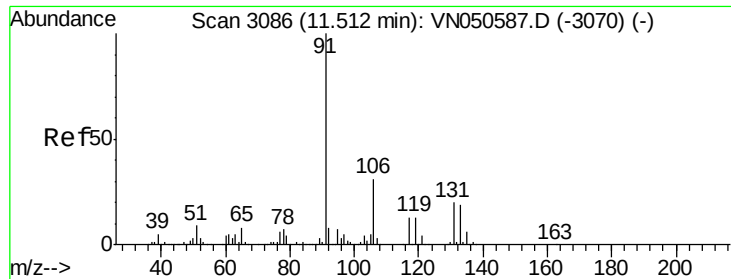
Tgt Ion:112 Resp: 1134753
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 46.921 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion:131 Resp: 409900
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 67.3 33.1 99.3

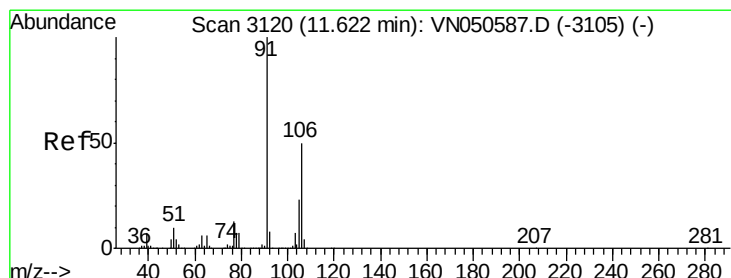
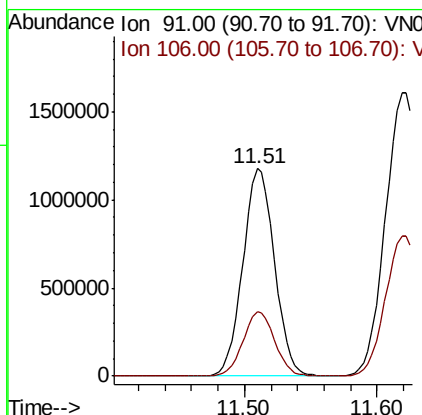
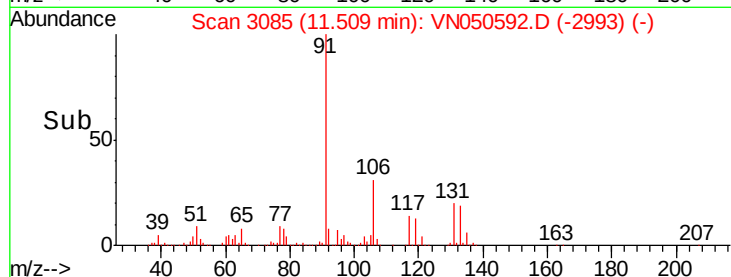
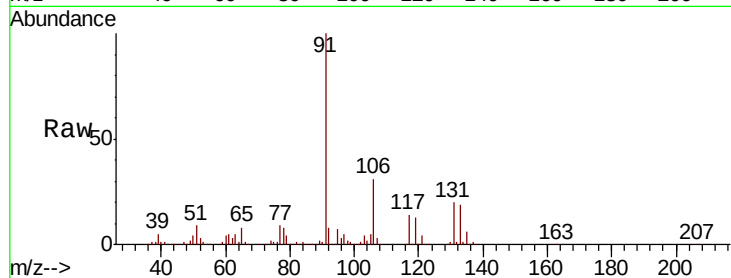




#67
Ethyl Benzene
Concen: 51.994 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

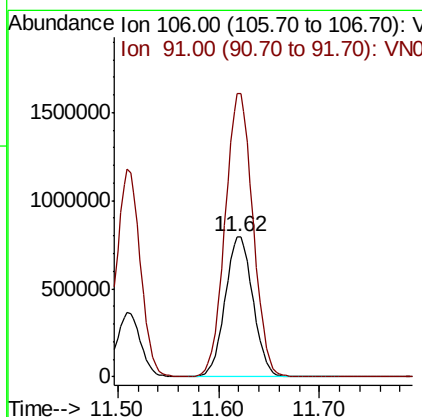
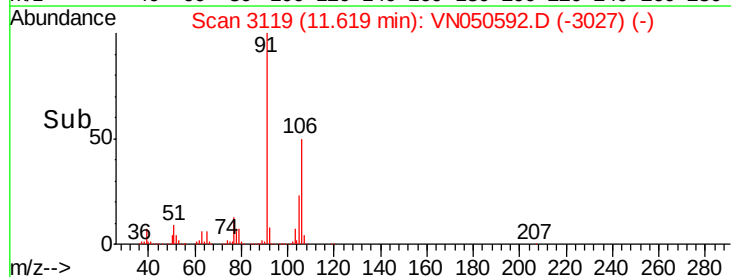
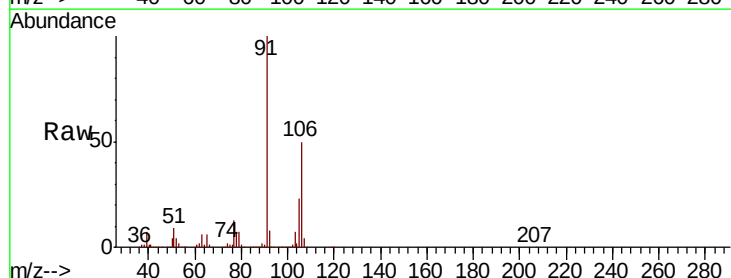
Instrument :
MSVOA_N
ClientSampled :
BFB

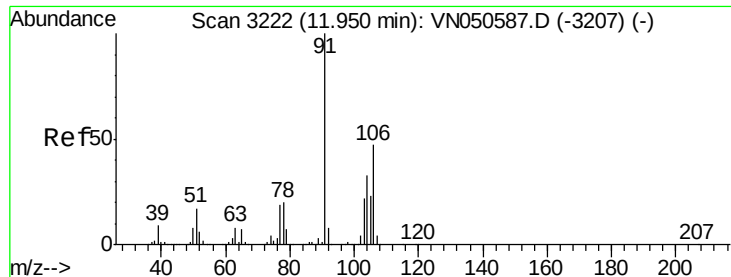
Tgt Ion: 91 Resp: 1956551
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2



#68
m/p-Xylenes
Concen: 106.301 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion: 106 Resp: 1529897
Ion Ratio Lower Upper
106 100
91 202.5 161.5 242.3

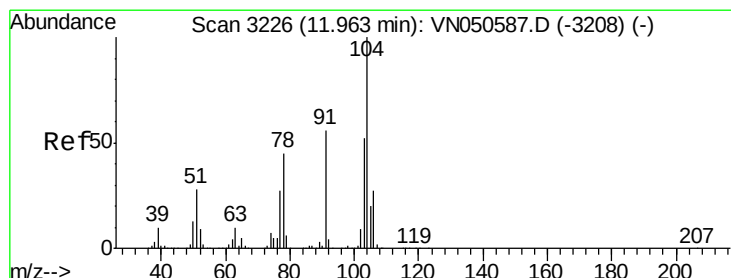
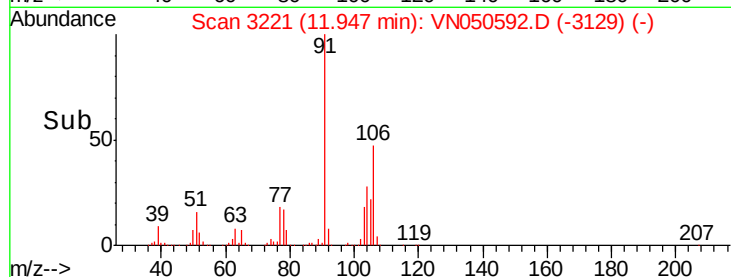
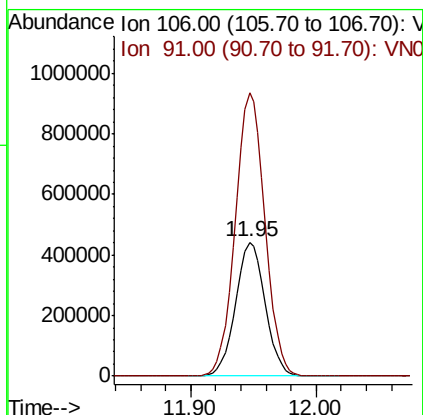
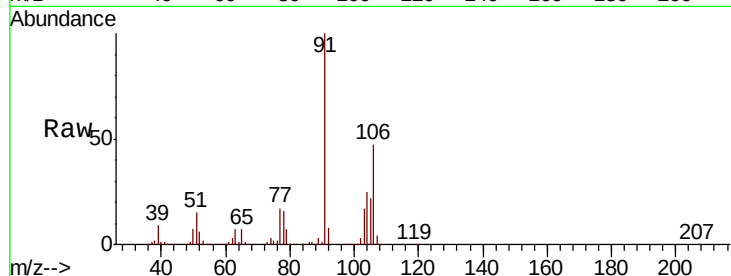




#69
o-Xylene
Concen: 52.569 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

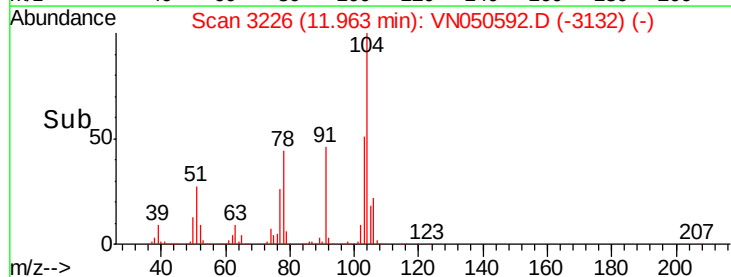
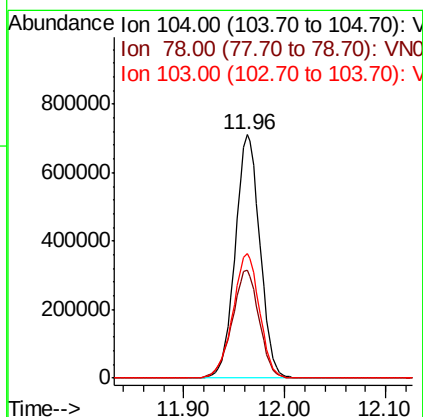
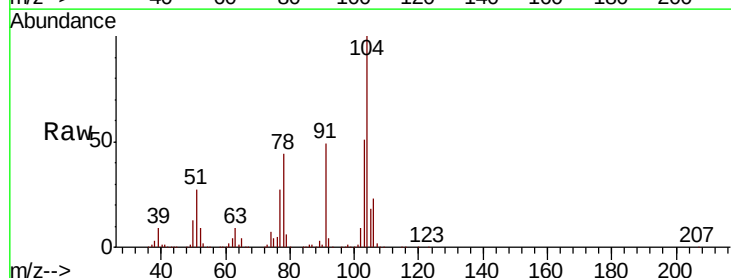
Instrument :
MSVOA_N
ClientSampled :
BFB

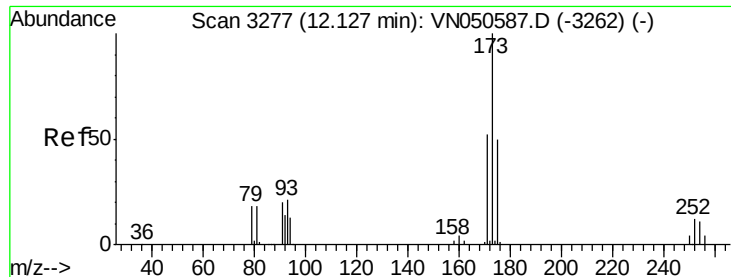
Tgt Ion:106 Resp: 721405
Ion Ratio Lower Upper
106 100
91 212.5 106.8 320.4



#70
Styrene
Concen: 49.467 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion:104 Resp: 1207034
Ion Ratio Lower Upper
104 100
78 48.5 39.1 58.7
103 55.0 44.9 67.3





#71

Bromoform

Concen: 49.883 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

BFB

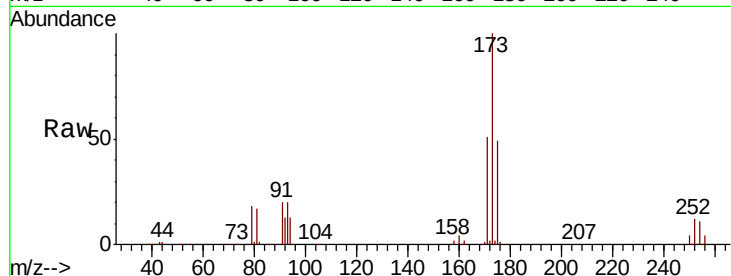
Tgt Ion:173 Resp: 288962

Ion Ratio Lower Upper

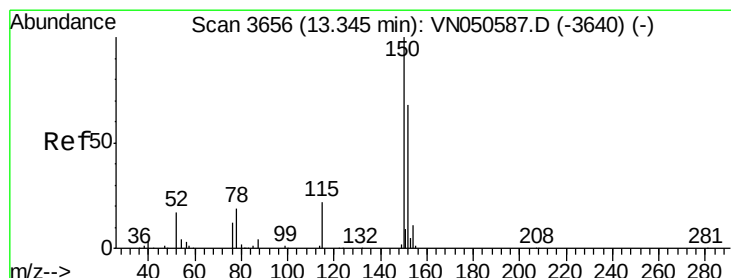
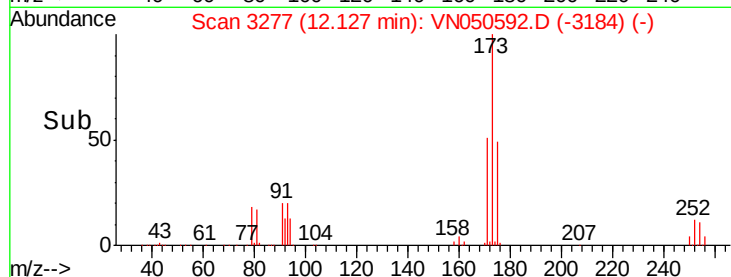
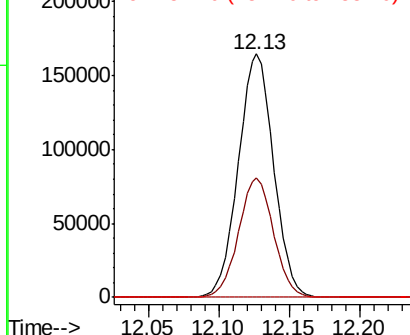
173 100

175 48.5 24.4 73.2

254 0.1 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# 3655

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

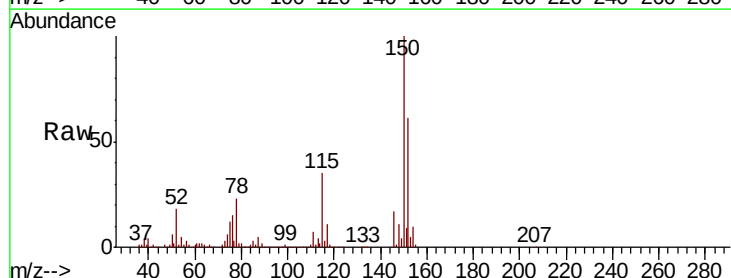
Tgt Ion:152 Resp: 495420

Ion Ratio Lower Upper

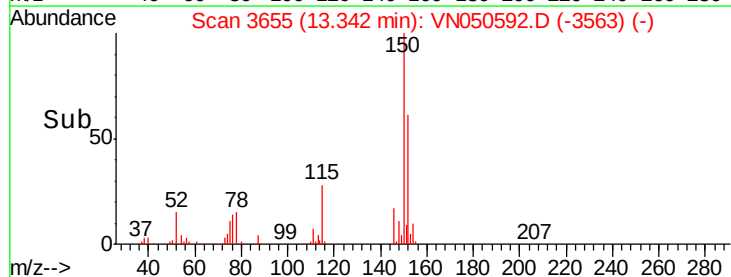
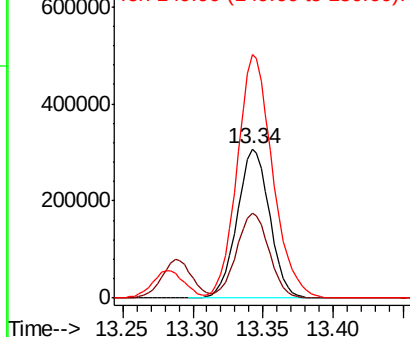
152 100

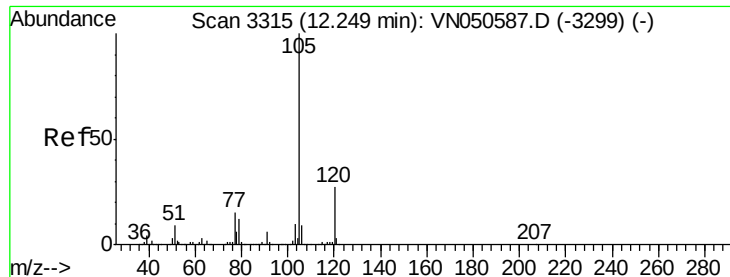
115 57.4 28.1 84.2

150 177.9 0.0 347.8



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: 49.918 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

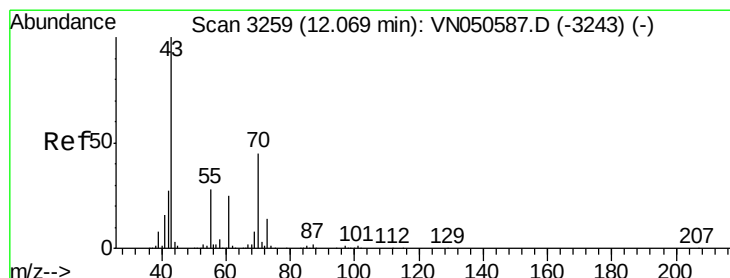
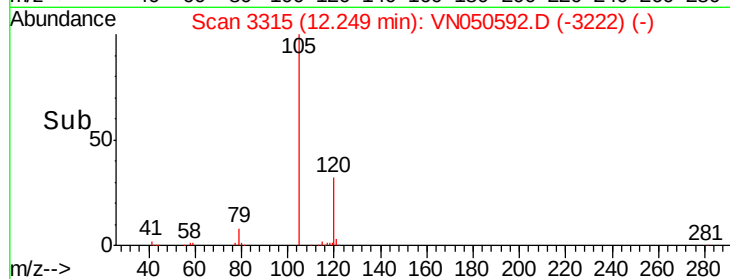
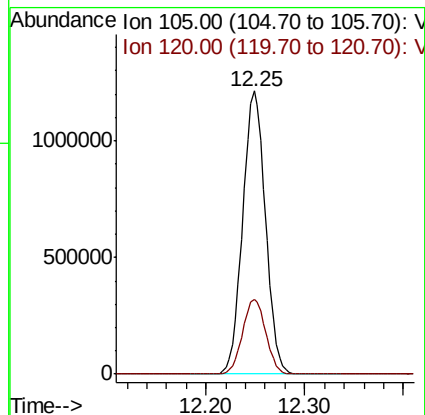
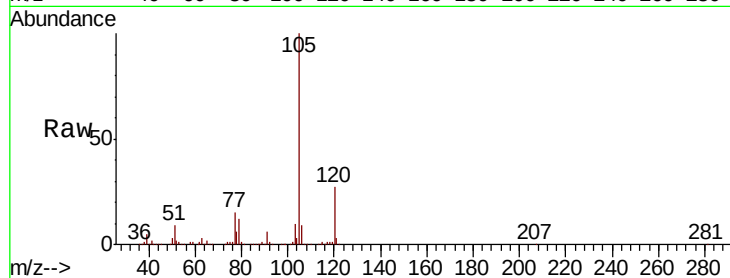
BFB

Tgt Ion:105 Resp: 1932179

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 49.327 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Tgt Ion: 43 Resp: 496745

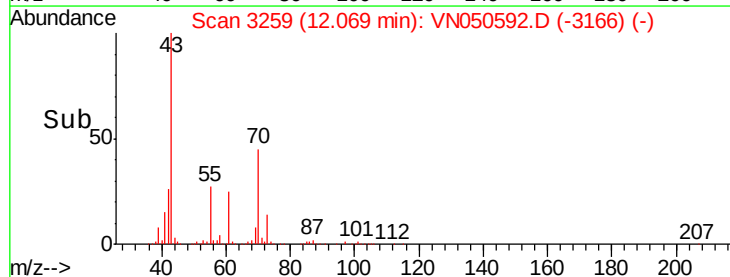
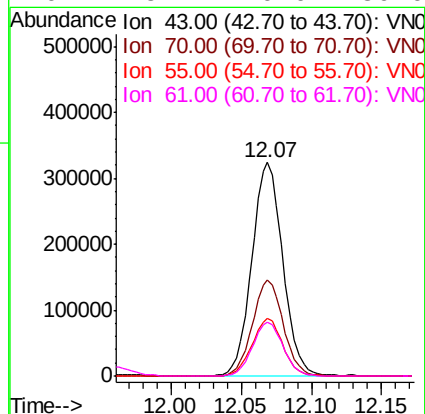
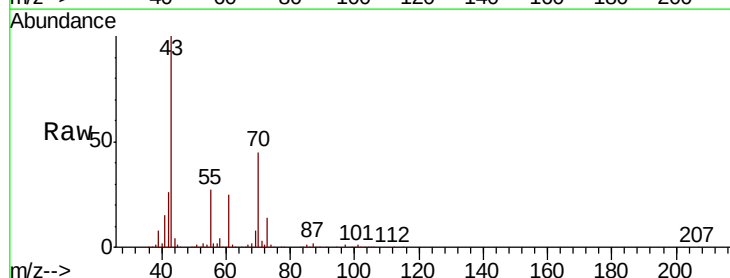
Ion Ratio Lower Upper

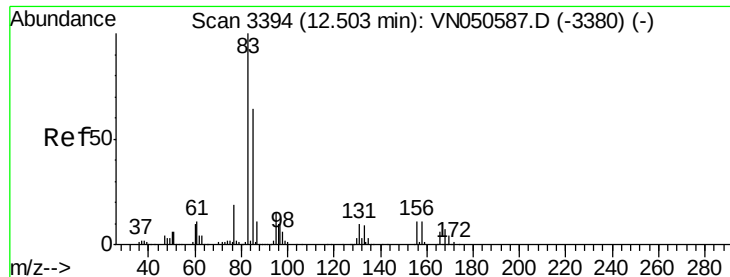
43 100

70 44.8 35.9 53.9

55 27.1 22.2 33.4

61 25.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.306 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

BFB

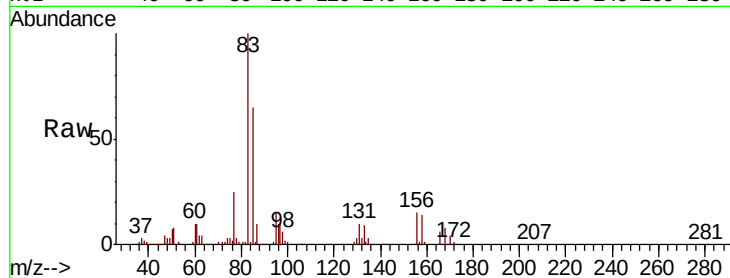
Tgt Ion: 83 Resp: 451948

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

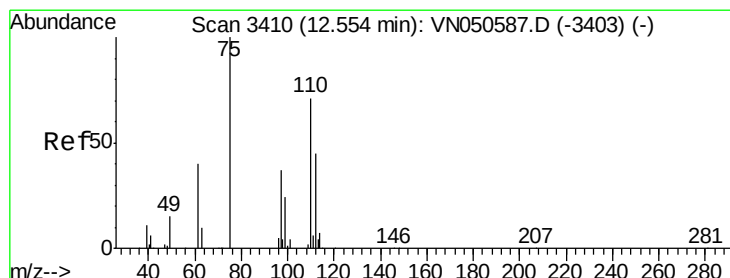
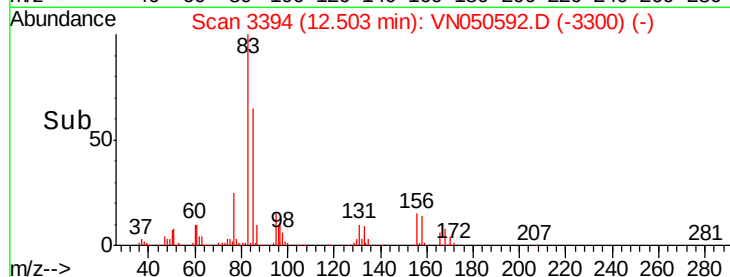
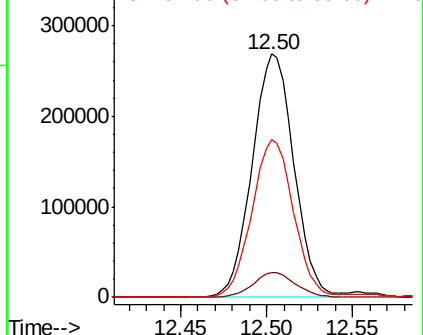
85 64.5 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN050587.D (-3380) (-)

Ion 130.80 (130.50 to 131.50): VN050587.D (-3380) (-)

Ion 84.90 (84.60 to 85.60): VN050587.D (-3380) (-)



#76

1,2,3-Trichloropropane

Concen: 45.255 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN050592.D

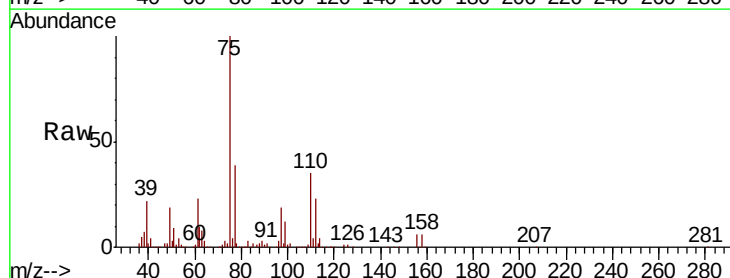
Acq: 14 Aug 2018 10:45

Tgt Ion: 75 Resp: 363015

Ion Ratio Lower Upper

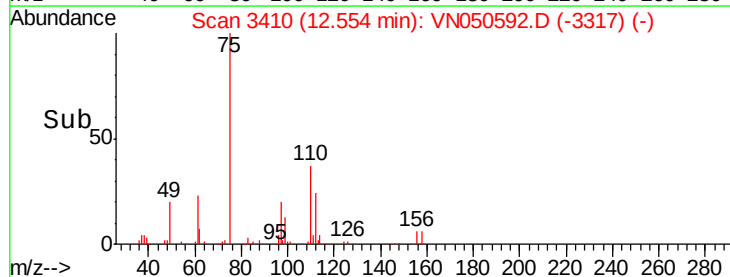
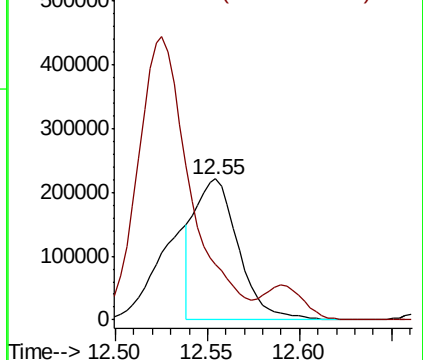
75 100

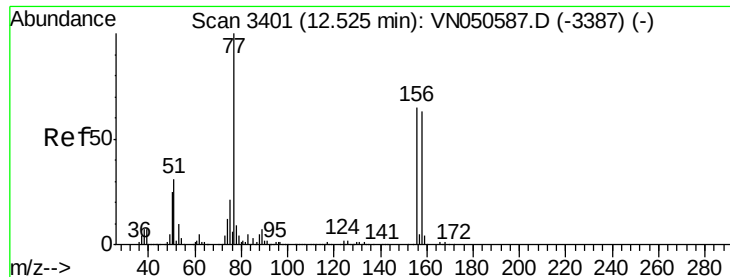
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050587.D (-3403) (-)

Ion 77.00 (76.70 to 77.70): VN050587.D (-3403) (-)

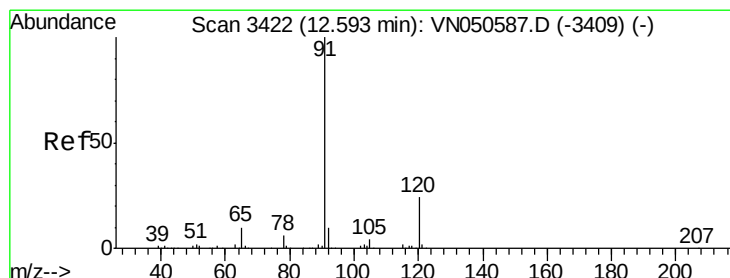
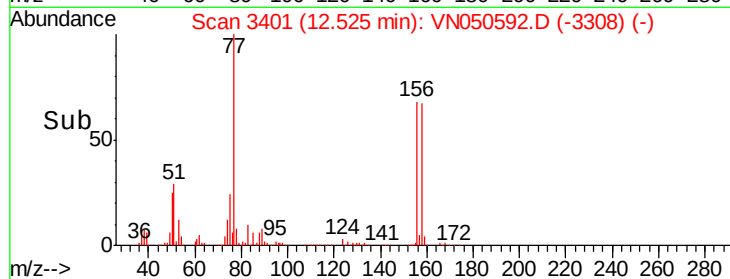
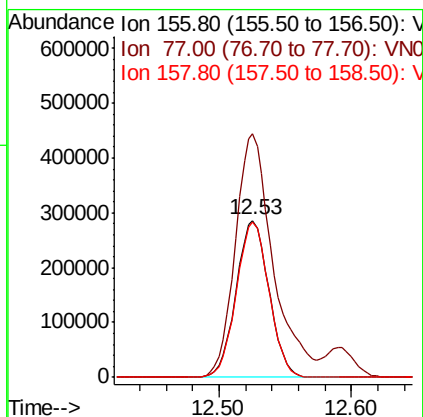
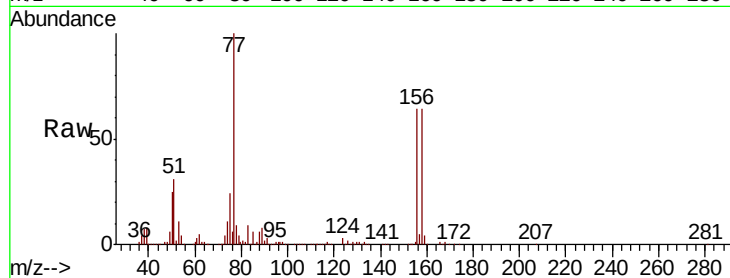




#77
Bromobenzene
Concen: 46.709 ug/l
RT: 12.53 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

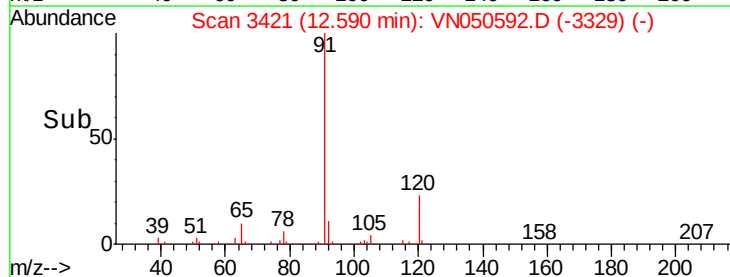
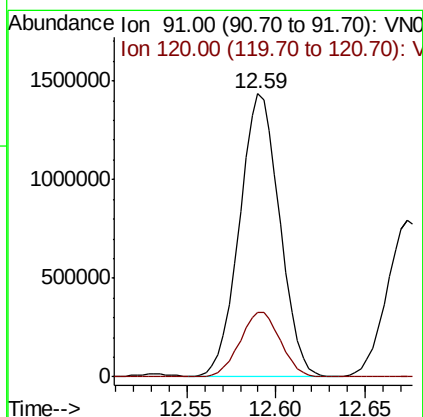
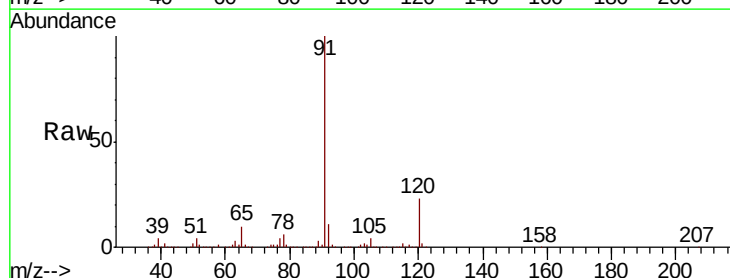
Instrument :
MSVOA_N
ClientSampleId :
BFB

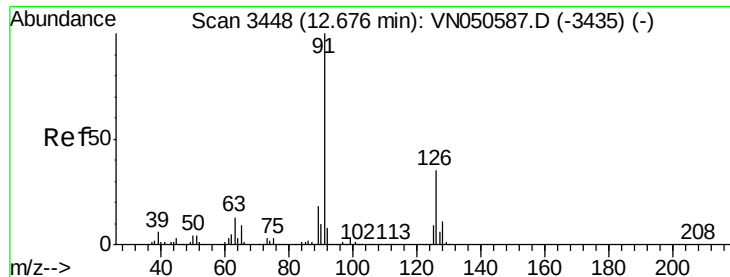
Tgt Ion:156 Resp: 490862
Ion Ratio Lower Upper
156 100
77 179.4 89.0 267.1
158 98.8 48.5 145.6



#78
n-propylbenzene
Concen: 52.146 ug/l
RT: 12.59 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion: 91 Resp: 2250756
Ion Ratio Lower Upper
91 100
120 23.2 11.8 35.4





#79

2-Chlorotoluene

Concen: 49.155 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

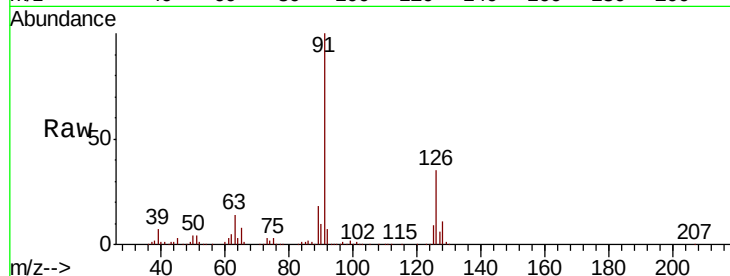
BFB

Tgt Ion: 91 Resp: 1322775

Ion Ratio Lower Upper

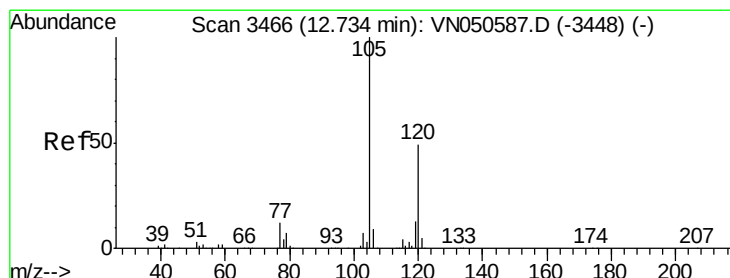
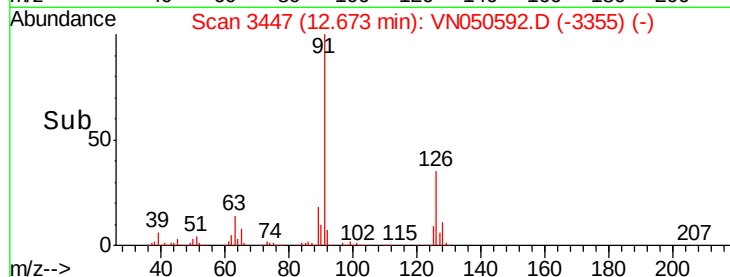
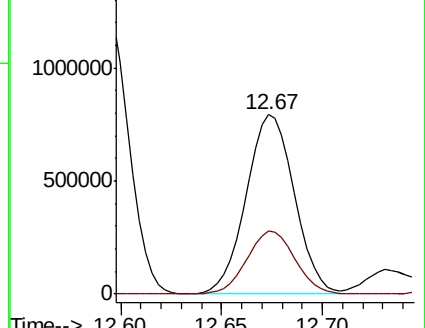
91 100

126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN050587.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN050587.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.090 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. -0.00 min

Lab File: VN050592.D

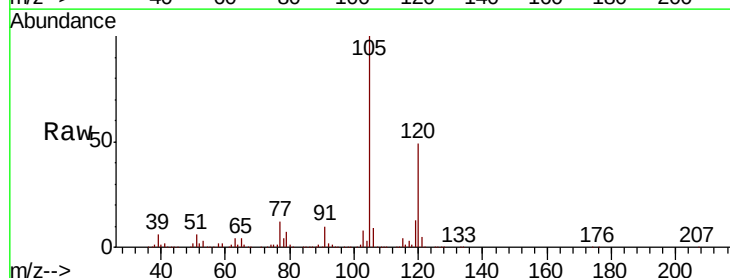
Acq: 14 Aug 2018 10:45

Tgt Ion: 105 Resp: 1614356

Ion Ratio Lower Upper

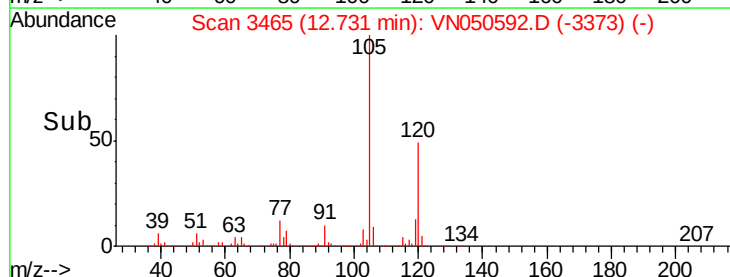
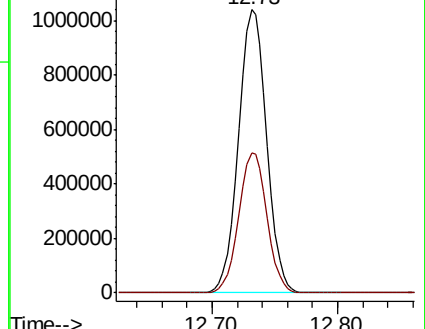
105 100

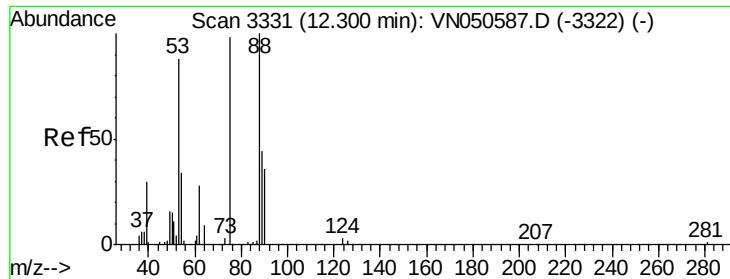
120 49.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN050587.D (-3448) (-)

Ion 120.00 (119.70 to 120.70): VN050587.D (-3448) (-)

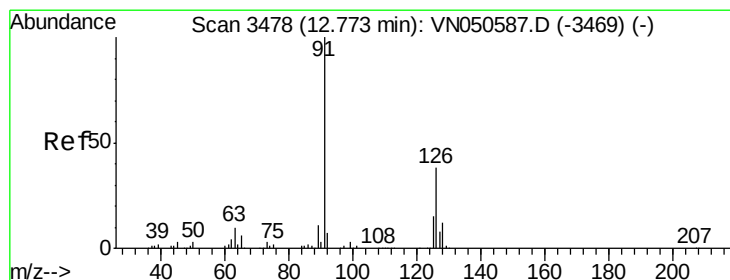
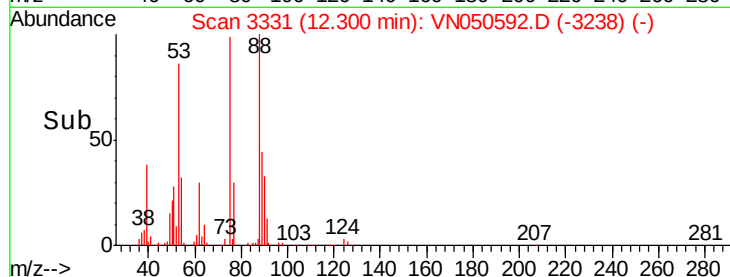
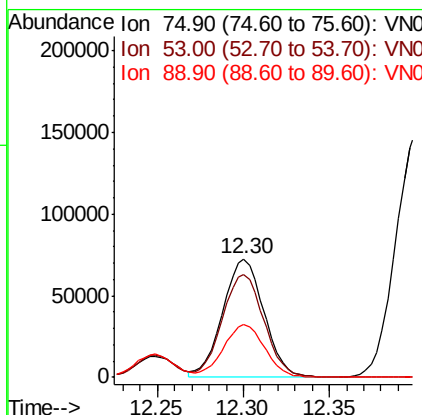
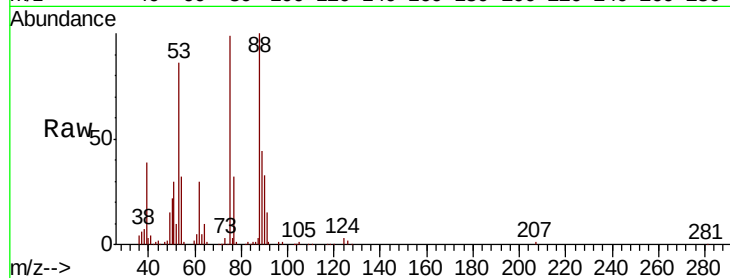




#81
trans-1,4-Dichloro-2-butene
Concen: 54.499 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. 0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

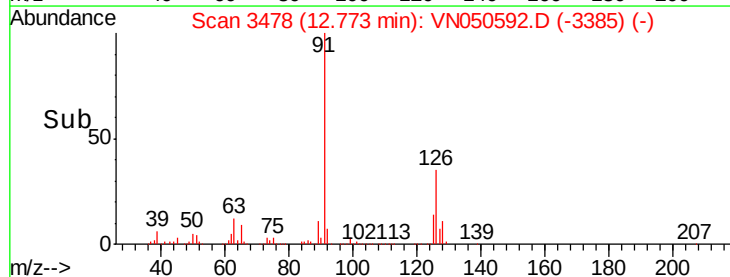
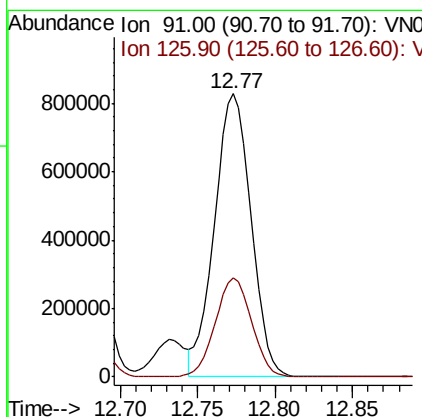
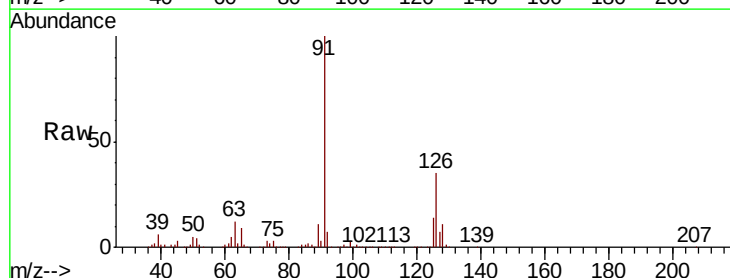
Instrument :
MSVOA_N
ClientSampleId :
BFB

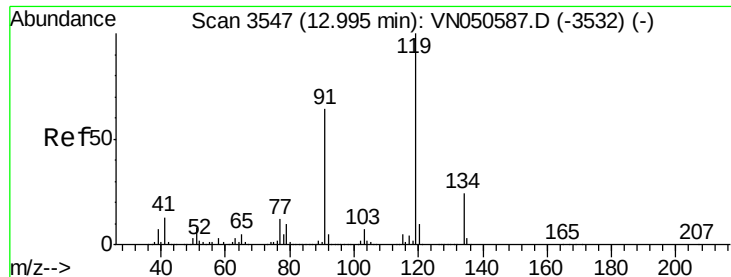
Tgt Ion: 75 Resp: 121446
Ion Ratio Lower Upper
75 100
53 88.4 72.2 108.2
89 44.9 36.3 54.5



#82
4-Chlorotoluene
Concen: 51.024 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. 0.00 min
Lab File: VN050592.D
Acq: 14 Aug 2018 10:45

Tgt Ion: 91 Resp: 1356852
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0





#83

tert-Butylbenzene

Concen: 50.237 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

BFB

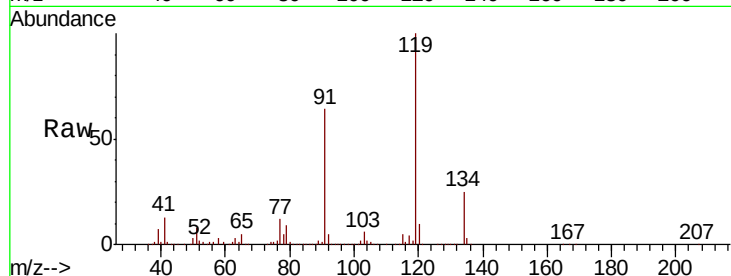
Tgt Ion:119 Resp: 1351490

Ion Ratio Lower Upper

119 100

91 63.7 32.2 96.6

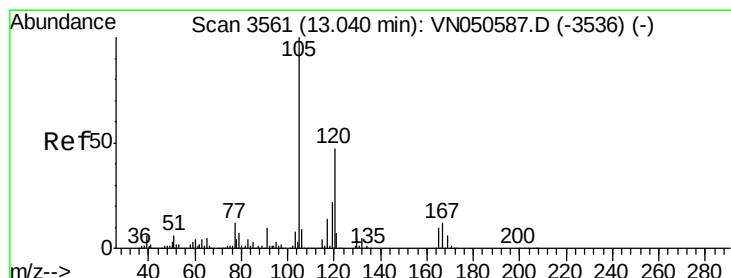
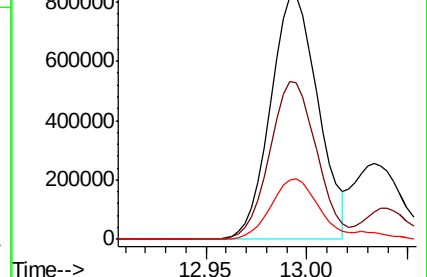
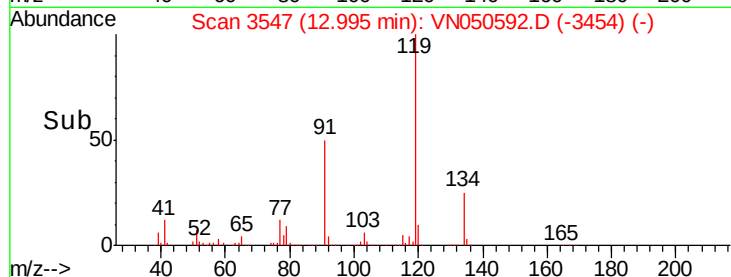
134 24.9 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.791 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050592.D

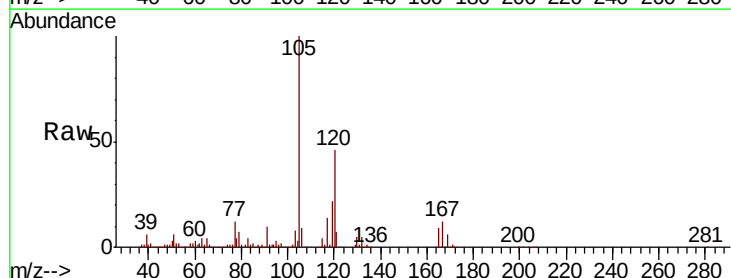
Acq: 14 Aug 2018 10:45

Tgt Ion:105 Resp: 1642122

Ion Ratio Lower Upper

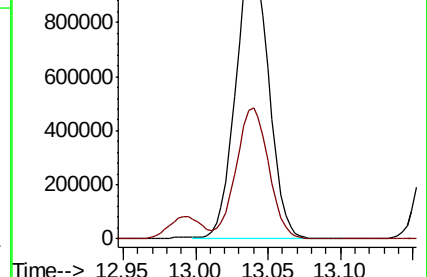
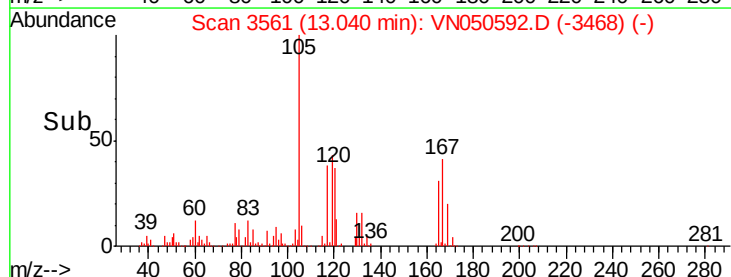
105 100

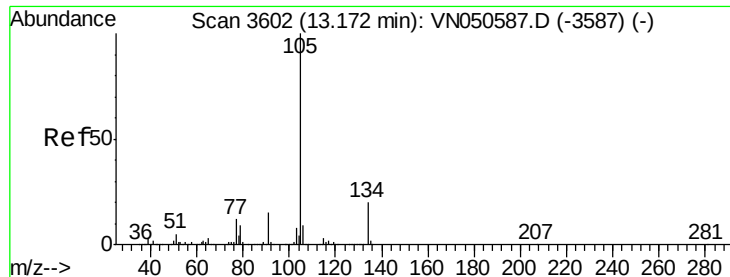
120 46.1 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.285 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

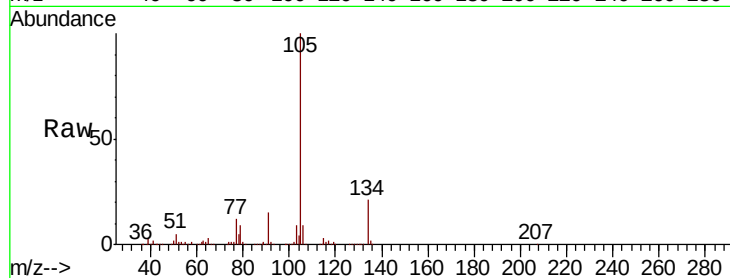
BFB

Tgt Ion:105 Resp: 1838135

Ion Ratio Lower Upper

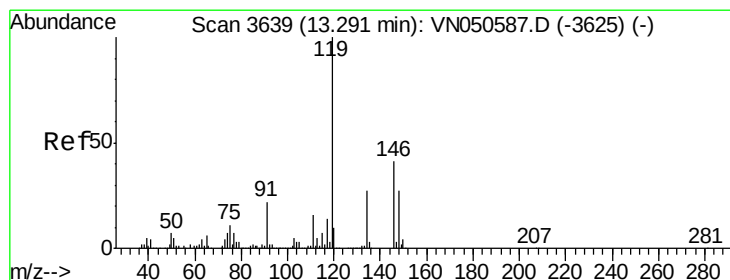
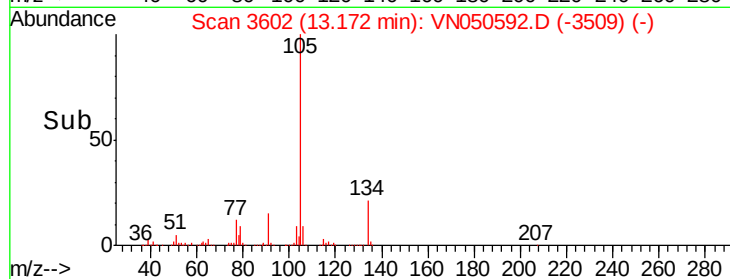
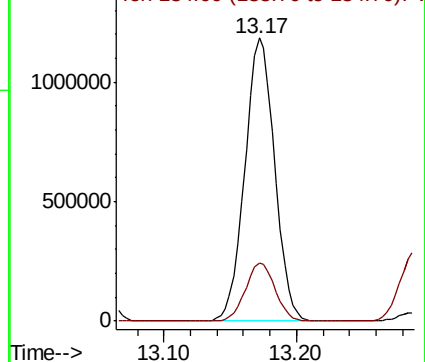
105 100

134 20.5 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.594 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. -0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

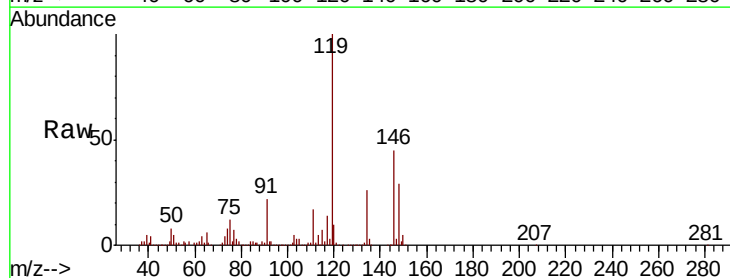
Tgt Ion:119 Resp: 1626305

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

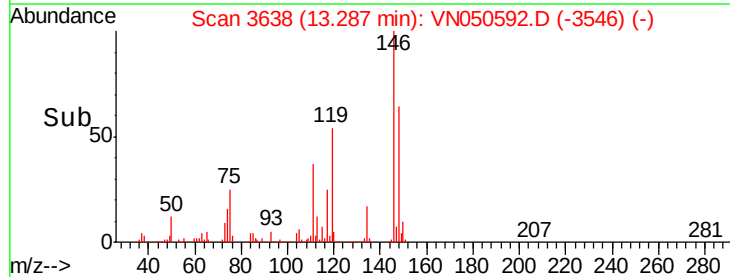
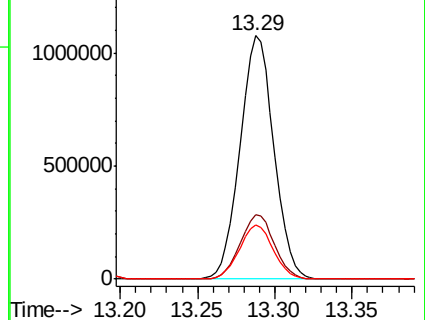
91 22.4 11.2 33.6

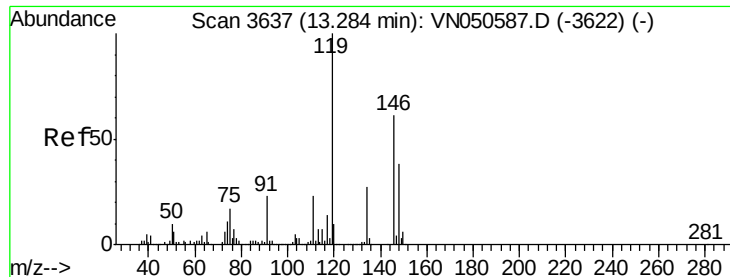


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

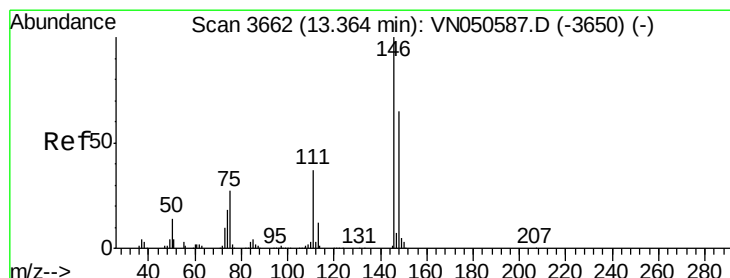
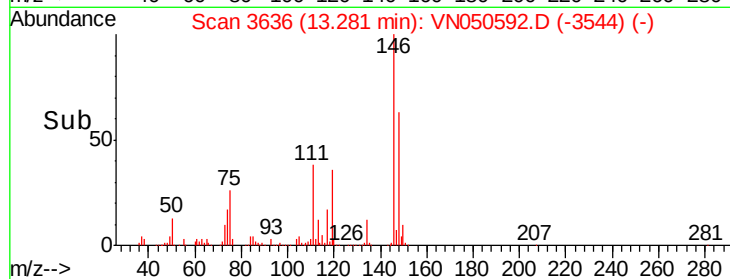
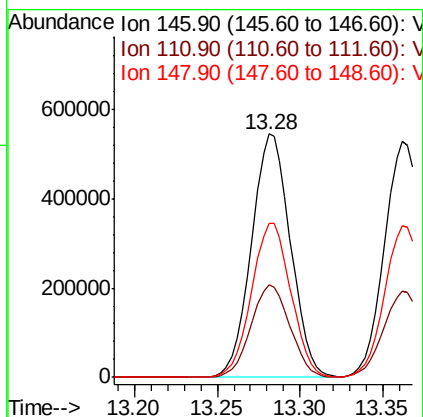
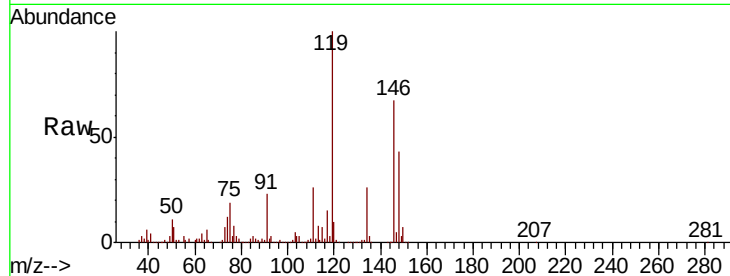




#87
 1,3-Dichlorobenzene
 Concen: 49.688 ug/l
 RT: 13.28 min Scan# 3636
 Delta R.T. -0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

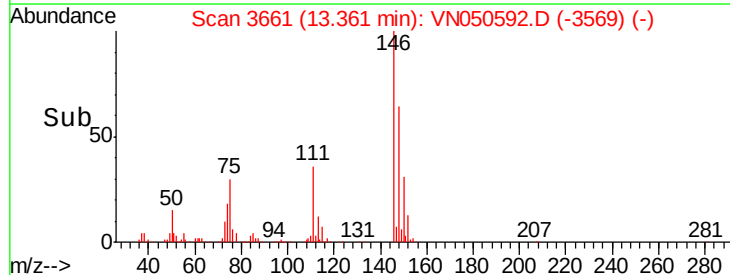
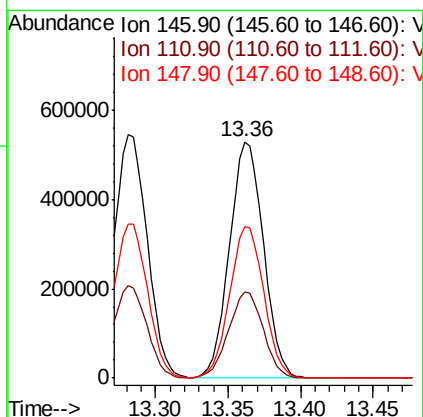
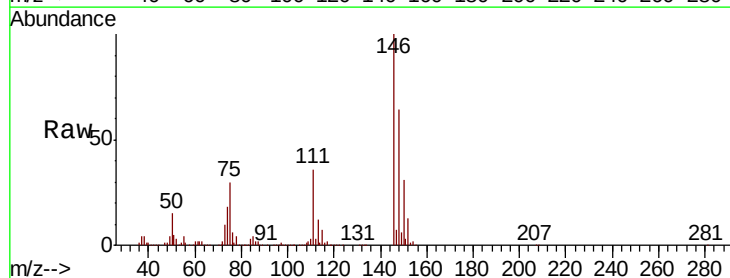
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

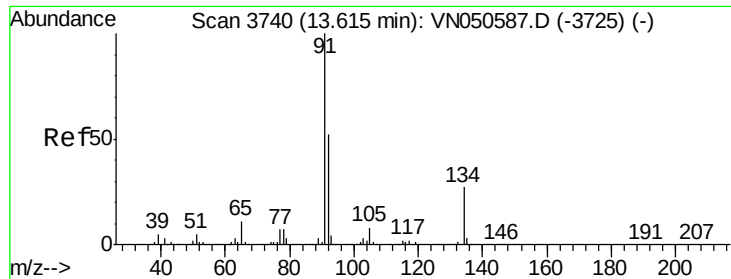
Tgt Ion:146 Resp: 888927
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.2 57.6
 148 64.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.574 ug/l
 RT: 13.36 min Scan# 3661
 Delta R.T. -0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Tgt Ion:146 Resp: 862497
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.8 56.4
 148 64.4 32.3 96.8





#89

n-Butylbenzene

Concen: 55.806 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampled :

BFB

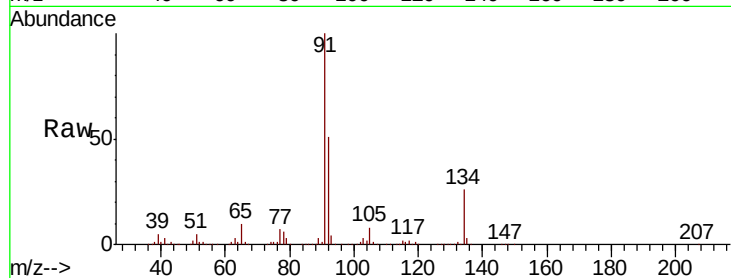
Tgt Ion: 91 Resp: 1342405

Ion Ratio Lower Upper

91 100

92 51.8 26.3 78.8

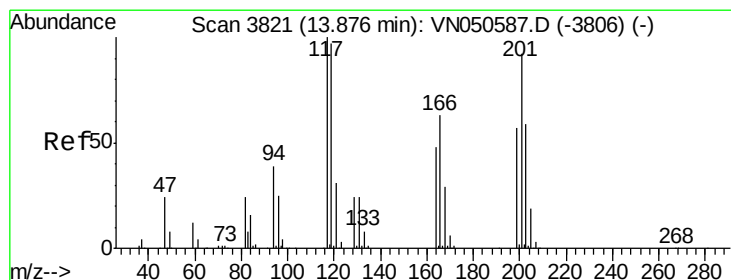
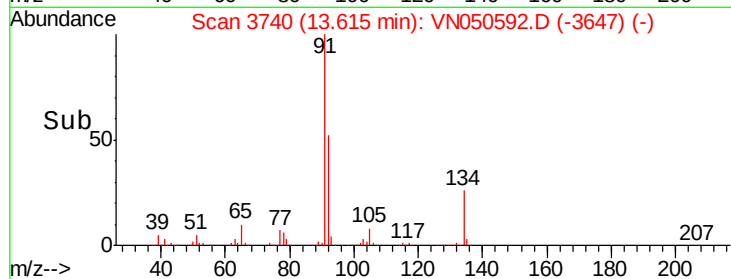
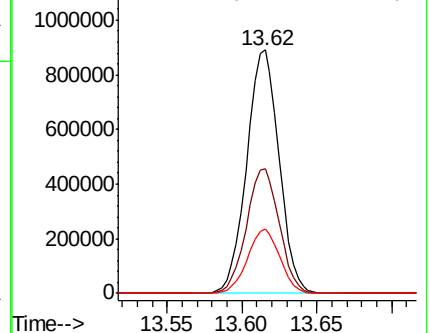
134 26.4 13.3 39.9



Abundance Ion 91.00 (90.70 to 91.70): VN050587.D (-3725) (-)

Ion 92.00 (91.70 to 92.70): VN050587.D (-3725) (-)

Ion 134.00 (133.70 to 134.70): VN050587.D (-3725) (-)



#90

Hexachloroethane

Concen: 47.258 ug/l

RT: 13.87 min Scan# 3820

Delta R.T. -0.00 min

Lab File: VN050592.D

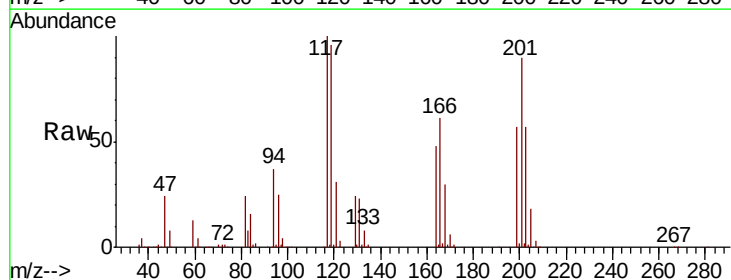
Acq: 14 Aug 2018 10:45

Tgt Ion: 117 Resp: 283080

Ion Ratio Lower Upper

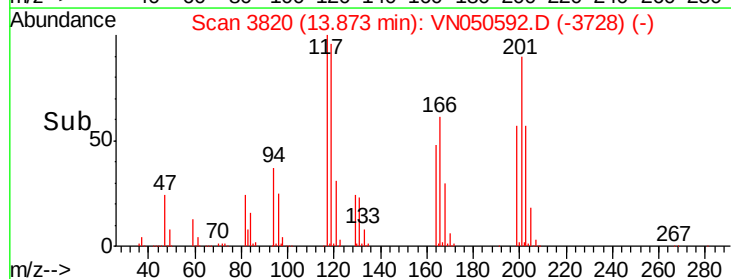
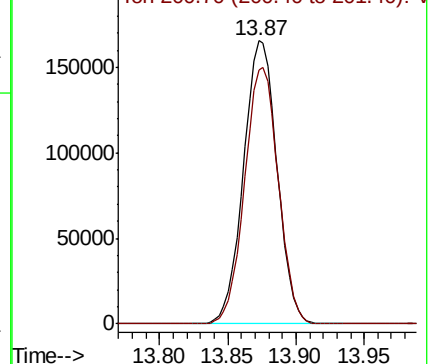
117 100

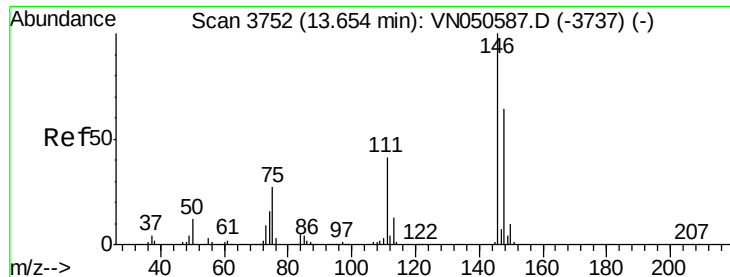
201 90.7 45.5 136.5



Abundance Ion 116.80 (116.50 to 117.50): VN050587.D (-3806) (-)

Ion 200.70 (200.40 to 201.40): VN050587.D (-3806) (-)

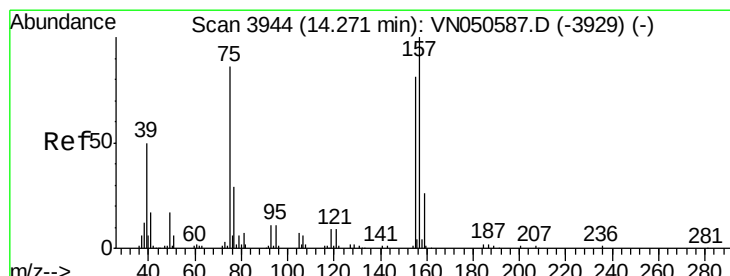
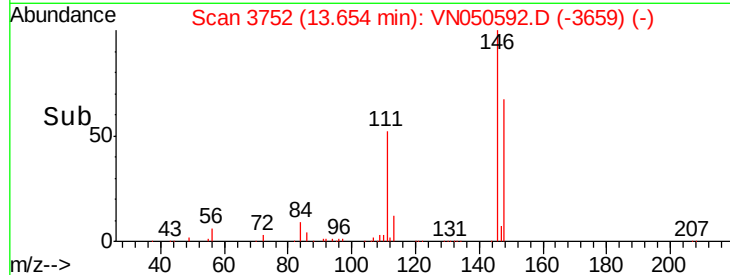
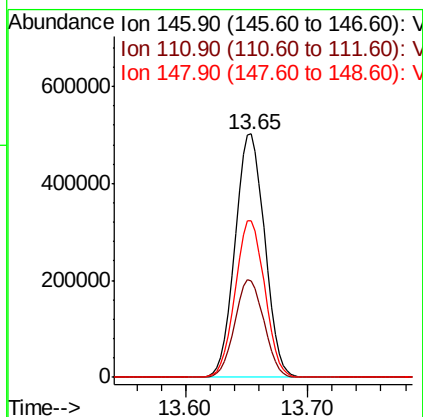
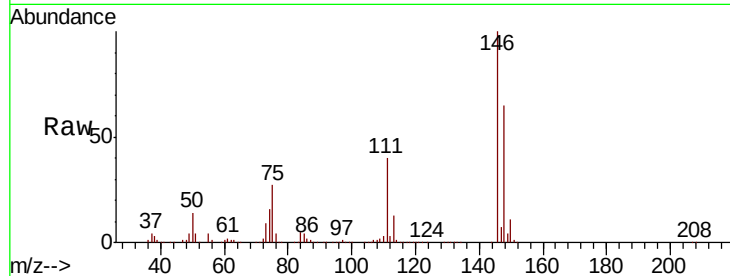




#91
 1,2-Dichlorobenzene
 Concen: 48.291 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

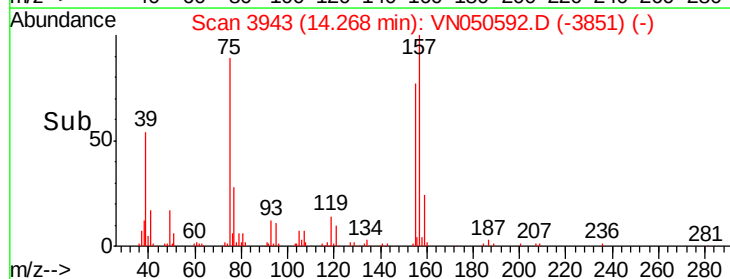
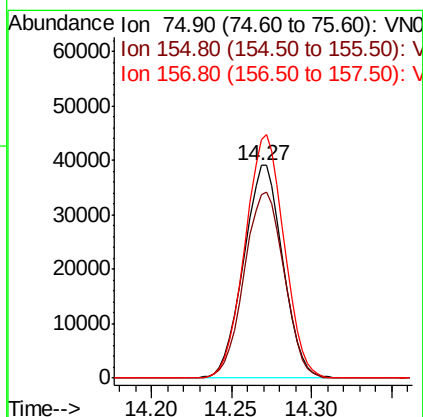
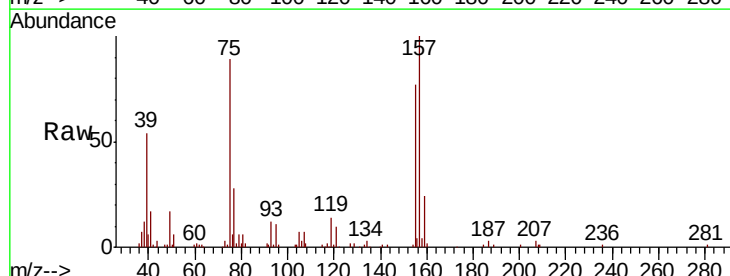
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

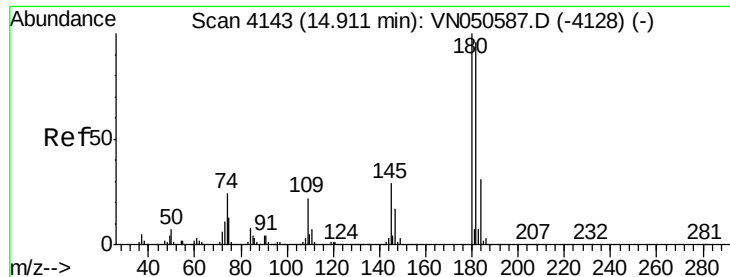
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	64.1	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.379 ug/l
 RT: 14.27 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	46.6	139.8
157	114.0	58.1	174.2

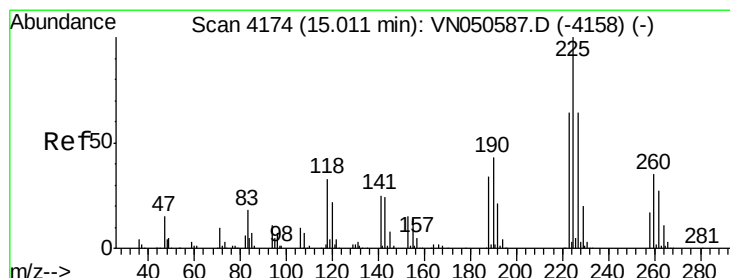
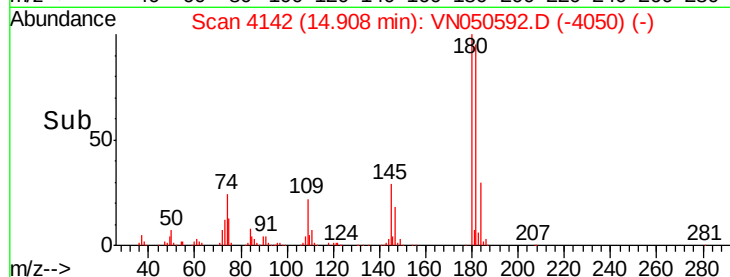
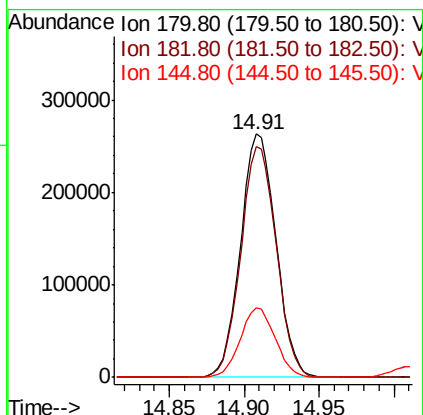
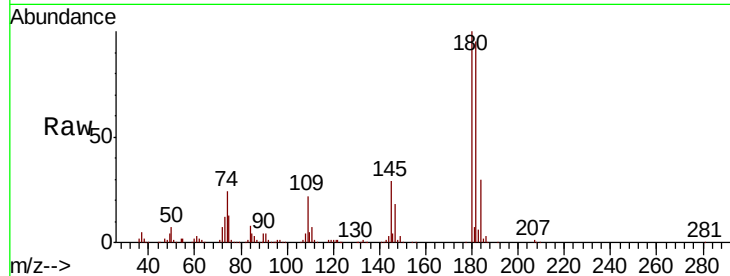




#93
 1,2,4-Trichlorobenzene
 Concen: 48.519 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

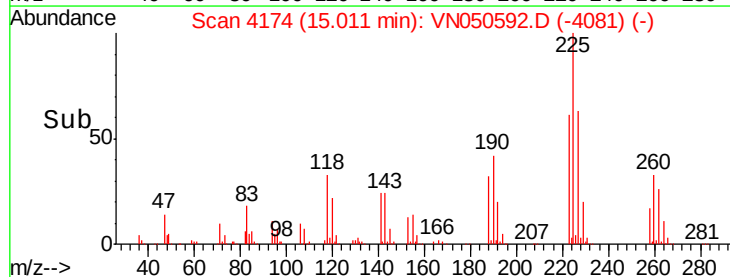
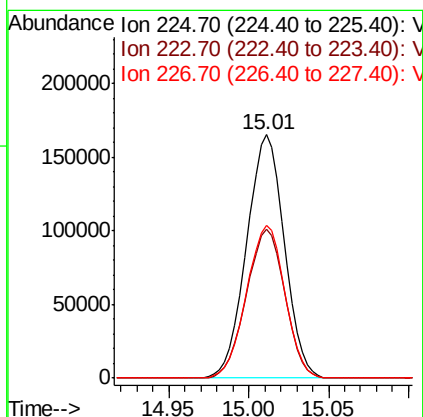
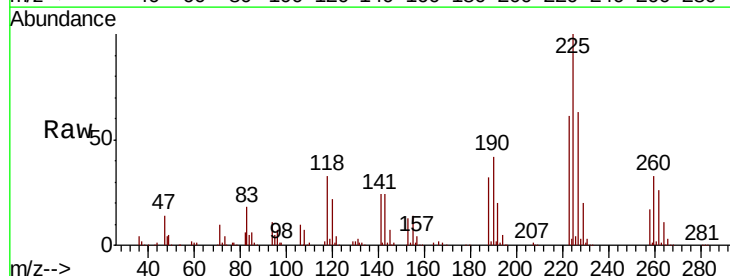
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

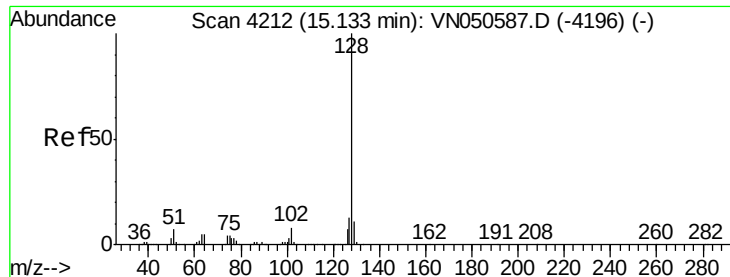
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.7
145	28.2	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 49.751 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050592.D
 Acq: 14 Aug 2018 10:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.1	96.3
227	63.9	32.0	96.2





#95

Naphthalene

Concen: 45.329 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

Instrument :

MSVOA_N

ClientSampleId :

BFB

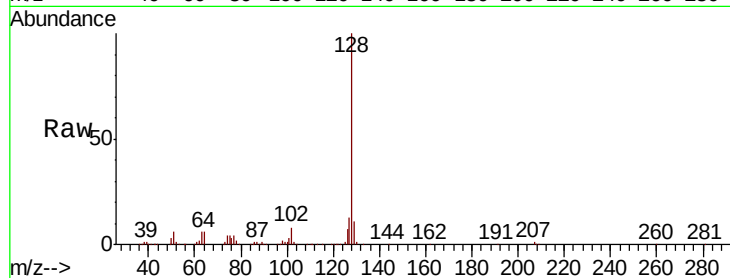
Tgt Ion:128 Resp: 856334

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

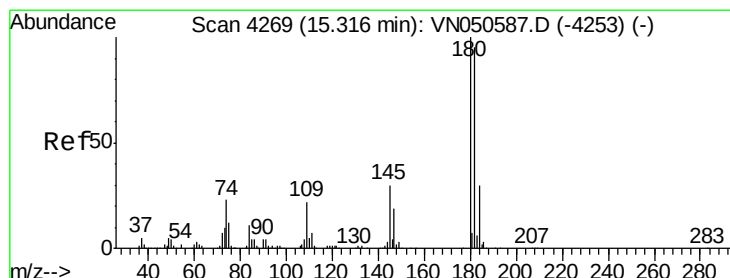
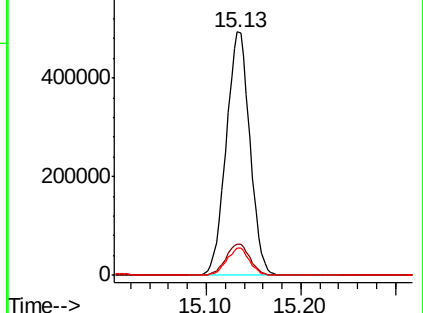
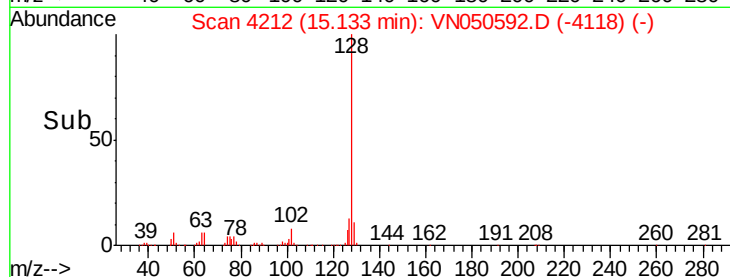
129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.340 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050592.D

Acq: 14 Aug 2018 10:45

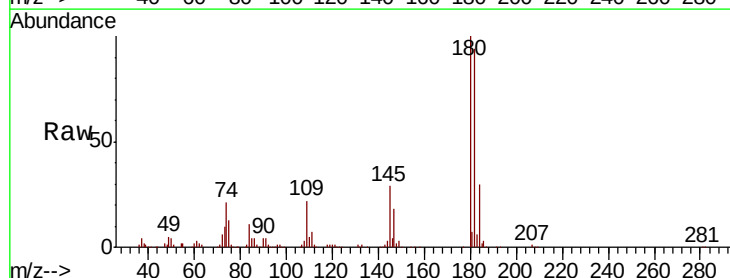
Tgt Ion:180 Resp: 412601

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 29.5 14.6 44.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

