

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049511.D
 Acq On : 25 Jun 2018 13:15
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Jun 26 01:38:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1593818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2265928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2079397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1090626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	972686	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
35) Dibromofluoromethane	7.59	113	890336	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
50) Toluene-d8	10.09	98	3410880	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.40	95	1153419	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	741424	40.42	ug/l	99
3) Chloromethane	2.06	50	944908	39.89	ug/l	98
4) Vinyl Chloride	2.18	62	1045216	41.52	ug/l	99
5) Bromomethane	2.56	94	582531	44.02	ug/l	97
6) Chloroethane	2.70	64	656766	43.75	ug/l	98
7) Trichlorofluoromethane	3.01	101	1449054	46.14	ug/l	99
8) Diethyl Ether	3.41	74	498971	45.50	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	917549	46.06	ug/l	92
10) Methyl Iodide	3.95	142	1037956	50.05	ug/l	92
11) Tert butyl alcohol	4.79	59	261361	210.65	ug/l	99
12) 1,1-Dichloroethene	3.73	96	819837	44.86	ug/l	89
13) Acrolein	3.61	56	346121	266.02	ug/l	98
14) Allyl chloride	4.32	41	1353870	46.92	ug/l	89
15) Acrylonitrile	4.99	53	1424928	229.68	ug/l	98
16) Acetone	3.82	43	1264317	246.33	ug/l	93
17) Carbon Disulfide	4.05	76	2412809	42.12	ug/l	99
18) Methyl Acetate	4.32	43	736562	47.06	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	2254490	48.39	ug/l	98
20) Methylene Chloride	4.55	84	953406	44.48	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	891396	46.07	ug/l	92
22) Diisopropyl ether	5.95	45	2825378	49.03	ug/l	95
23) Vinyl Acetate	5.90	43	9030047	240.39	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1690891	45.85	ug/l	98
25) 2-Butanone	6.84	43	1624497	235.71	ug/l	97
26) 2,2-Dichloropropane	6.82	77	1462416	49.10	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	1017657	47.31	ug/l	93
28) Bromochloromethane	7.19	49	847062	51.81	ug/l	84
29) Tetrahydrofuran	7.21	42	1021062	230.15	ug/l	94
30) Chloroform	7.37	83	1710491	46.60	ug/l	100
31) Cyclohexane	7.65	56	1511147	48.33	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	1490274	47.59	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1318295	50.76	ug/l	97
37) Ethyl Acetate	6.93	43	708345	50.17	ug/l	97
38) Carbon Tetrachloride	7.77	117	1334898	49.65	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1444520	51.82	ug/l	96
40) Benzene	8.04	78	3911414	49.13	ug/l	99
41) Methacrylonitrile	7.18	41	388623	50.92	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1201144	48.83	ug/l	96
43) Isopropyl Acetate	8.17	43	1289672	47.81	ug/l	94
44) Trichloroethene	8.83	130	1065846	50.69	ug/l	92
45) 1,2-Dichloropropane	9.12	63	1030688	49.44	ug/l	99
46) Dibromomethane	9.21	93	590487	48.85	ug/l	91
47) Bromodichloromethane	9.40	83	1314018	49.47	ug/l	97
48) Methyl methacrylate	9.20	41	662242	52.13	ug/l	87
49) 1,4-Dioxane	9.20	88	169191	965.03	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	3490696	246.91	ug/l	94
52) Toluene	10.16	92	2433958	52.09	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1314026	51.71	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1545053	51.49	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	845857	48.56	ug/l	98
56) Ethyl methacrylate	10.43	69	1017819	50.64	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1427952	49.48	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	1478429	208.30	ug/l	94
59) 2-Hexanone	10.75	43	2368836	259.89	ug/l	93
60) Dibromochloromethane	10.90	129	978110	50.31	ug/l	99
61) 1,2-Dibromoethane	11.01	107	813939	50.27	ug/l	100
64) Tetrachloroethene	10.63	164	1169137	54.87	ug/l	97
65) Chlorobenzene	11.43	112	2676996	49.97	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	996218	49.42	ug/l	99
67) Ethyl Benzene	11.51	91	4650373	52.34	ug/l	98
68) m/p-Xylenes	11.62	106	3599995	107.96	ug/l	96
69) o-Xylene	11.95	106	1713201	53.34	ug/l	96
70) Styrene	11.96	104	2770113	54.67	ug/l	97
71) Bromoform	12.13	173	661695	50.71	ug/l	100
73) Isopropylbenzene	12.25	105	4629354	48.34	ug/l	98
74) N-amyl acetate	12.07	43	1087564	46.37	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	919097	46.50	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1220792	65.60	ug/l #	100
77) Bromobenzene	12.53	156	1140643	45.10	ug/l	89
78) n-propylbenzene	12.59	91	5346837	50.85	ug/l	98
79) 2-Chlorotoluene	12.68	91	3137652	47.10	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3823505	50.80	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	264288	44.89	ug/l	91
82) 4-Chlorotoluene	12.77	91	3170510	49.33	ug/l	97
83) tert-Butylbenzene	12.99	119	3208313	48.11	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3848921	51.48	ug/l	99
85) sec-Butylbenzene	13.17	105	4380486	49.36	ug/l	99
86) p-Isopropyltoluene	13.29	119	3834383	51.71	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	2036141	48.93	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1985741	48.15	ug/l	99
89) n-Butylbenzene	13.62	91	3074071	53.08	ug/l	97
90) Hexachloroethane	13.88	117	718380	51.23	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	1964479	48.14	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	140425	42.12	ug/l	85

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

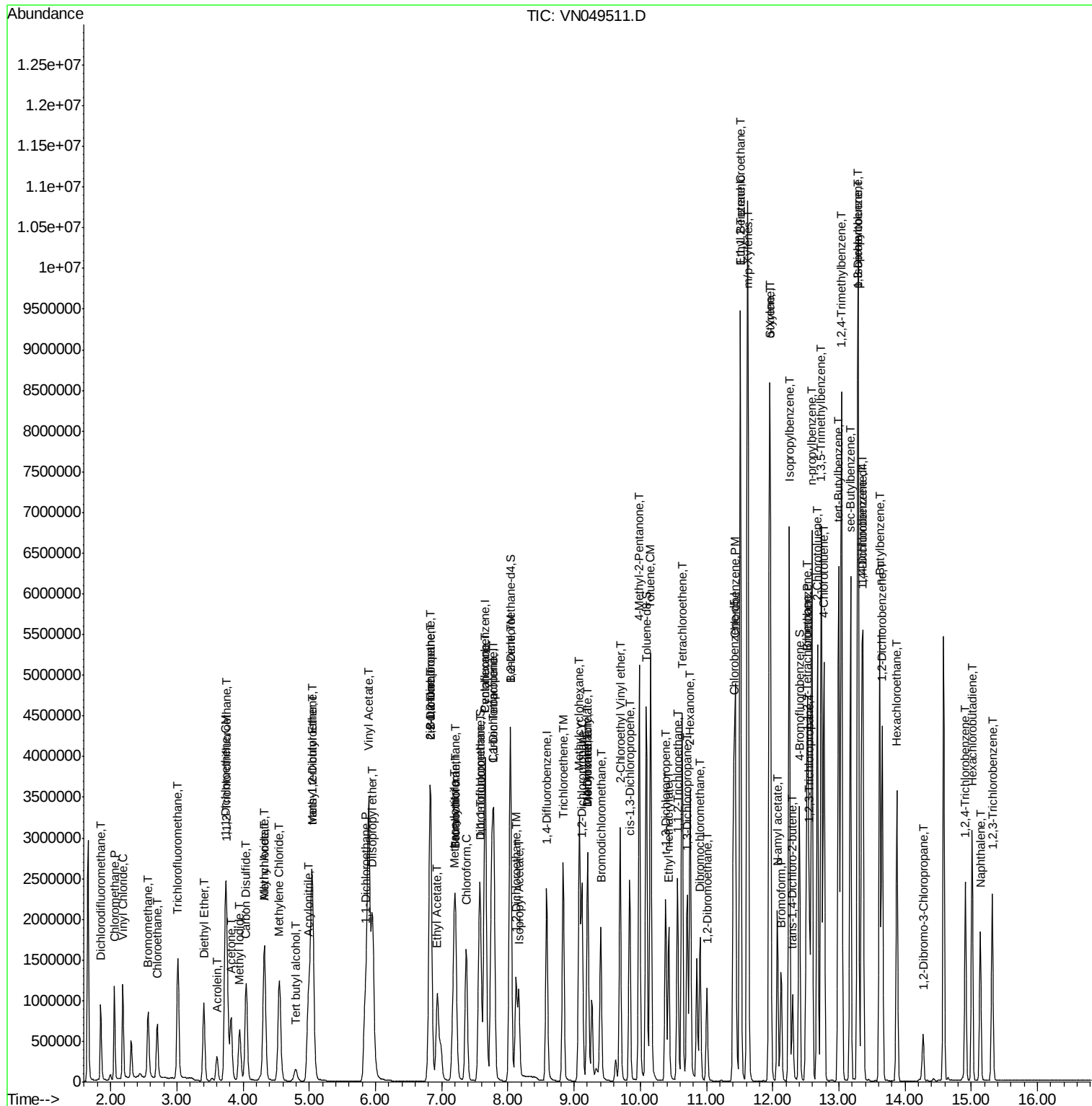
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	857044	46.22	ug/l	98
94) Hexachlorobutadiene	15.01	225	645157	54.28	ug/l	99
95) Naphthalene	15.14	128	1561579	47.50	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	850827	46.77	ug/l	98

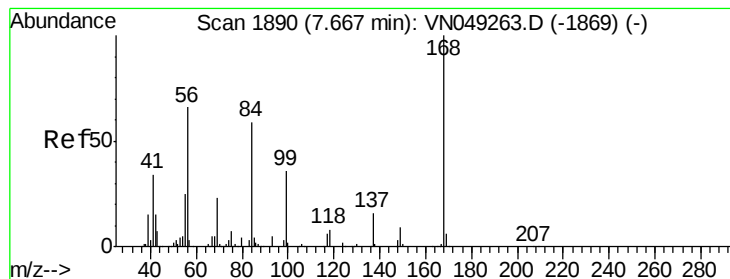
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

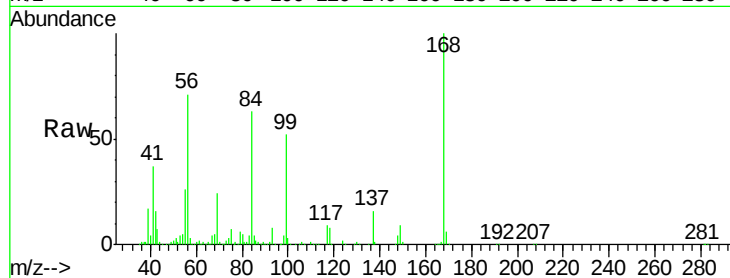
BFB

Tot Ion:168 Resp: 1593818

Ion Ratio Lower Upper

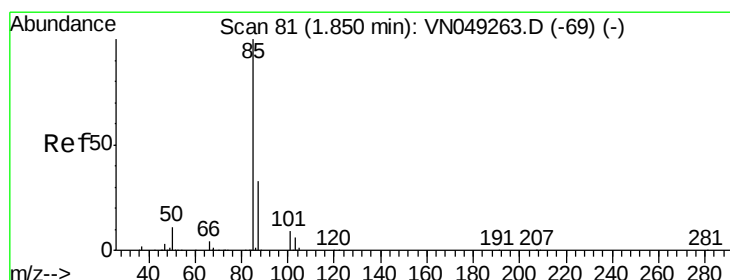
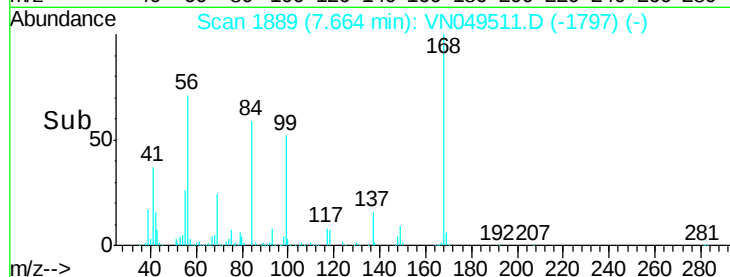
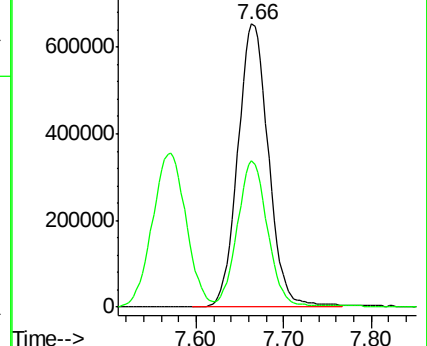
168 100

99 51.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 40.42 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049511.D

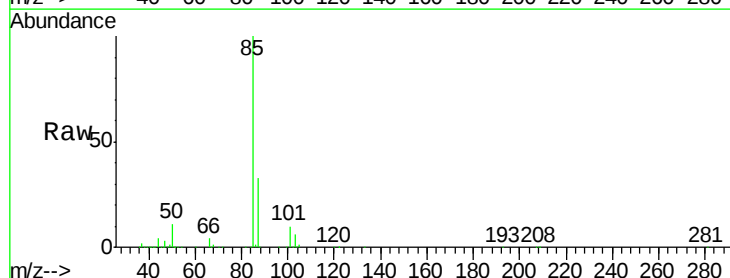
Acq: 25 Jun 2018 13:15

Tgt Ion: 85 Resp: 741424

Ion Ratio Lower Upper

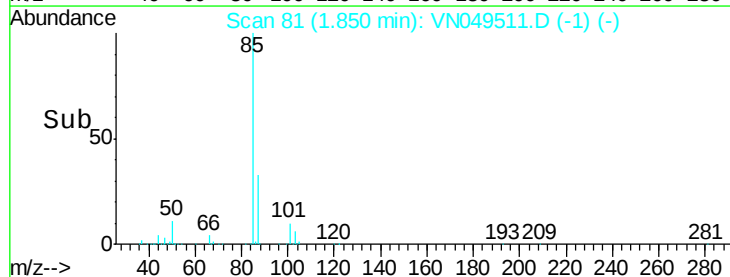
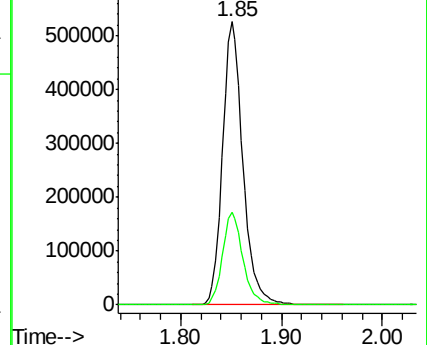
85 100

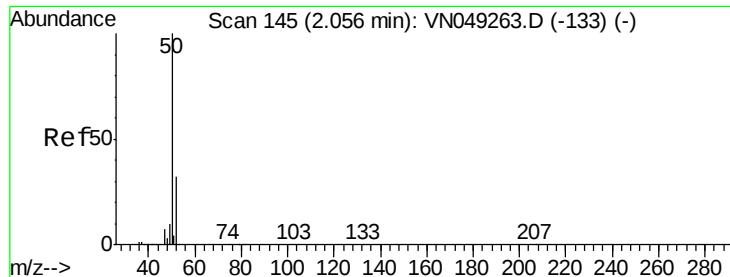
87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 39.89 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

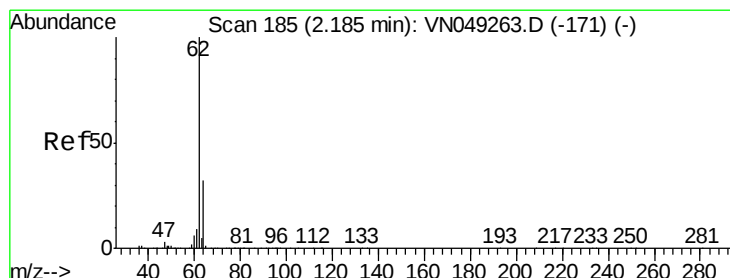
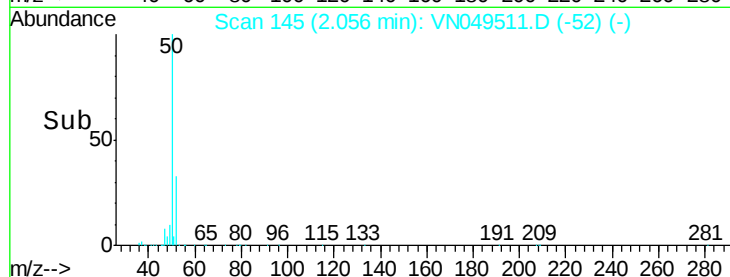
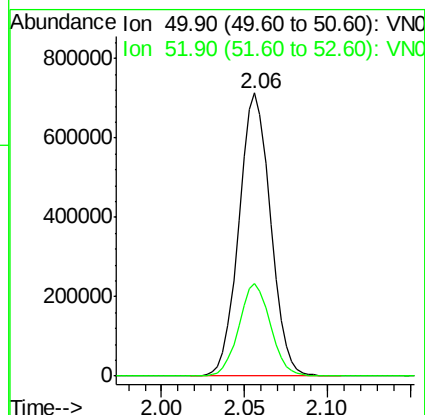
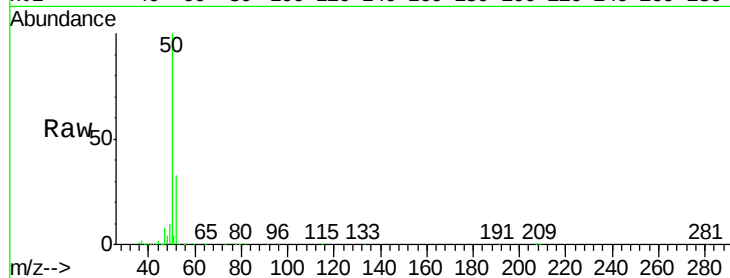
BFB

Tot Ion: 50 Resp: 944908

Ion Ratio Lower Upper

50 100

52 32.6 25.2 37.8



#4

Vinyl Chloride

Concen: 41.52 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049511.D

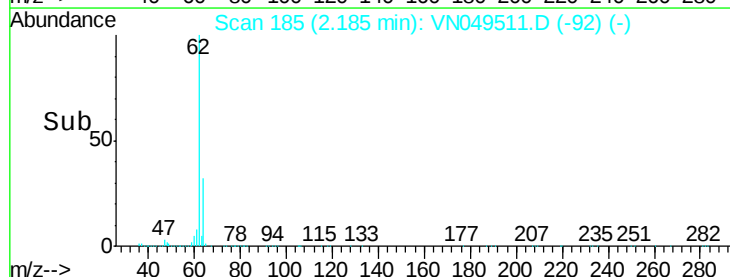
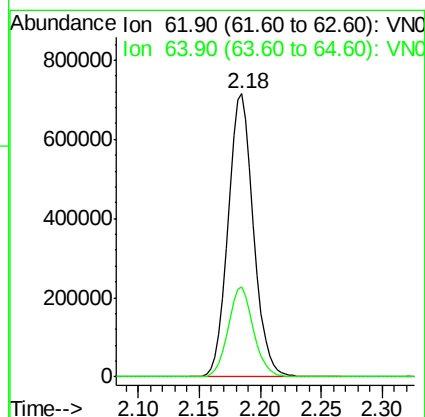
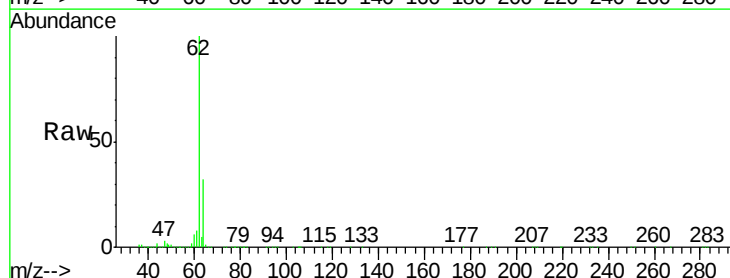
Acq: 25 Jun 2018 13:15

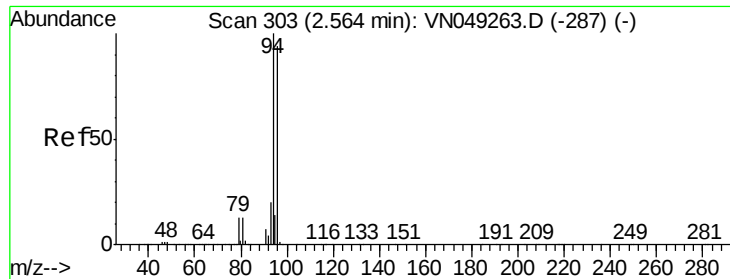
Tgt Ion: 62 Resp: 1045216

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 44.02 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

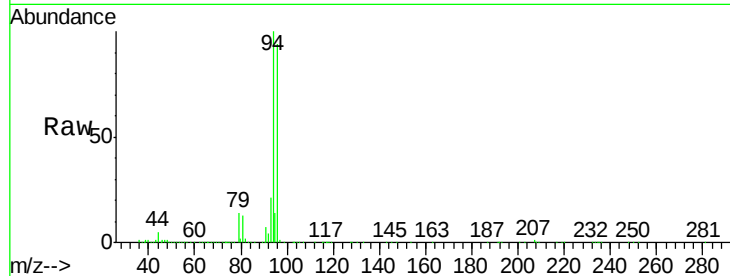
BFB

Tot Ion: 94 Resp: 582531

Ion Ratio Lower Upper

94 100

96 93.7 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN049511.D (-210) (-)

Ion 95.90 (95.60 to 96.60): VN049511.D (-210) (-)

2.56

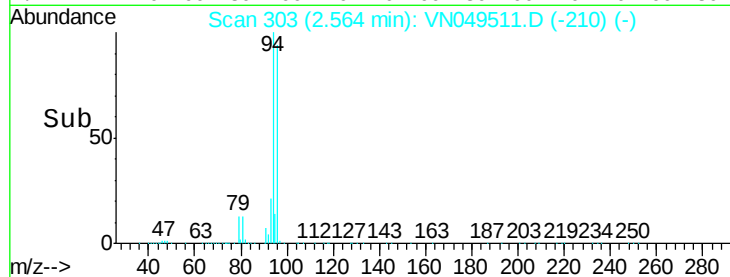
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200000

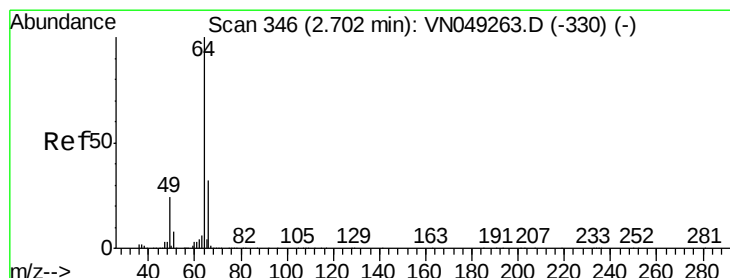
100000

0

Time-->



Time-->



#6

Chloroethane

Concen: 43.75 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049511.D

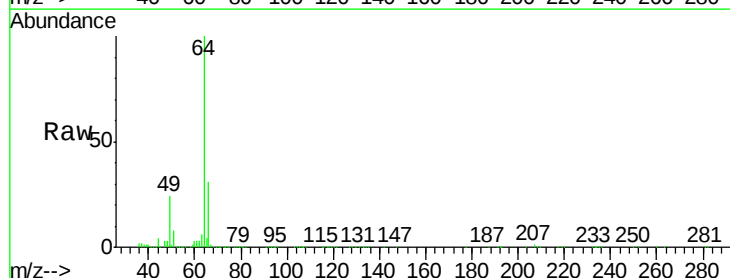
Acq: 25 Jun 2018 13:15

Tgt Ion: 64 Resp: 656766

Ion Ratio Lower Upper

64 100

66 30.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN049511.D (-253) (-)

Ion 65.90 (65.60 to 66.60): VN049511.D (-253) (-)

2.70

400000

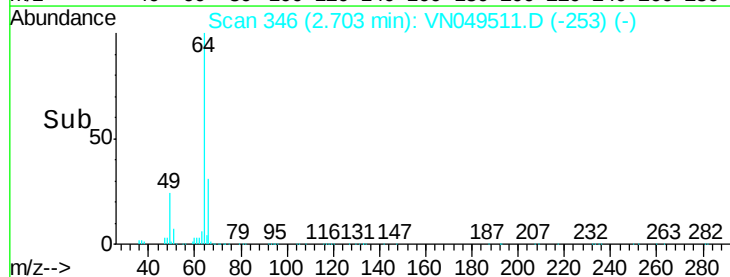
300000

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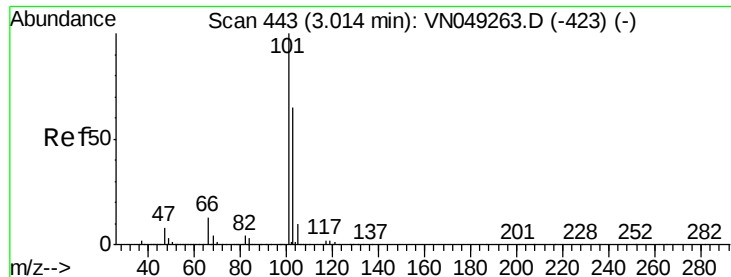
100000

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Time-->



Time-->

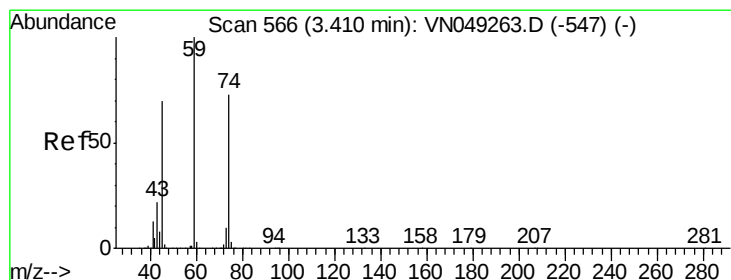
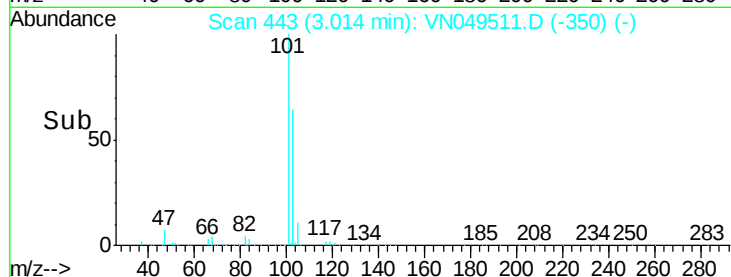
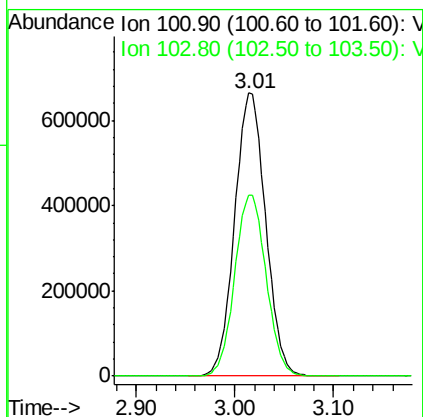
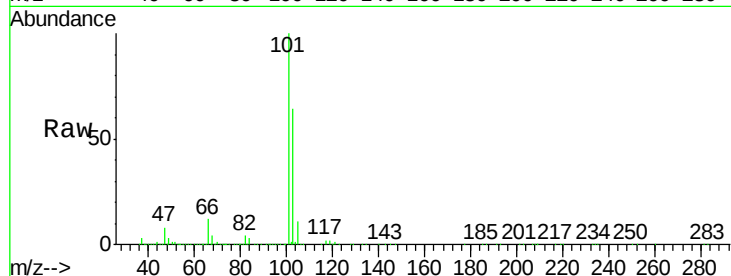


#7

Trichlorofluoromethane
Concen: 46.14 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Instrument :
MSVOA_N
ClientSampleId :
BFB

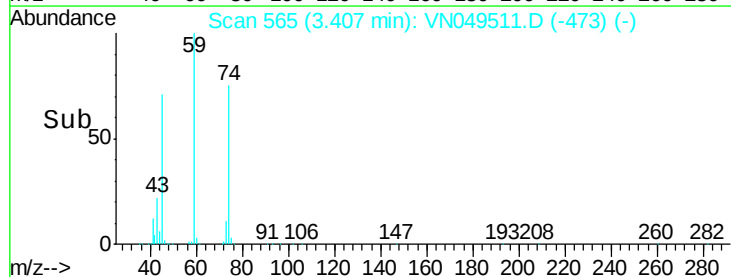
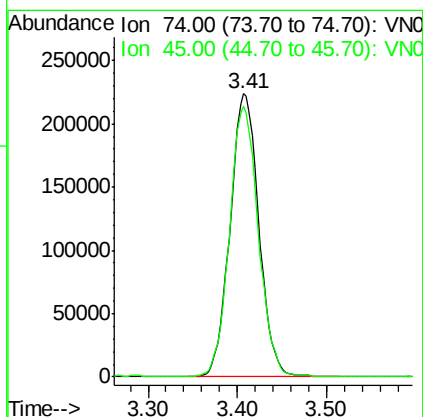
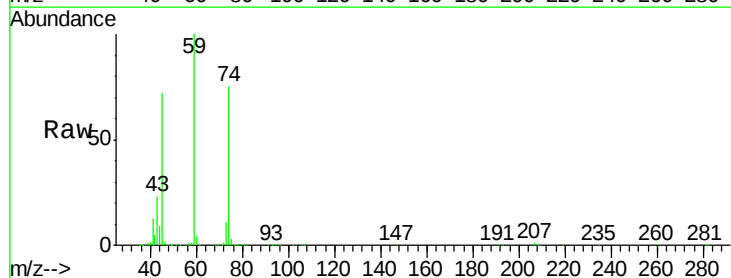
Tot Ion:101 Resp: 1449054
Ion Ratio Lower Upper
101 100
103 63.8 51.7 77.5



#8

Diethyl Ether
Concen: 45.50 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion: 74 Resp: 498971
Ion Ratio Lower Upper
74 100
45 95.2 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.06 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

BFB

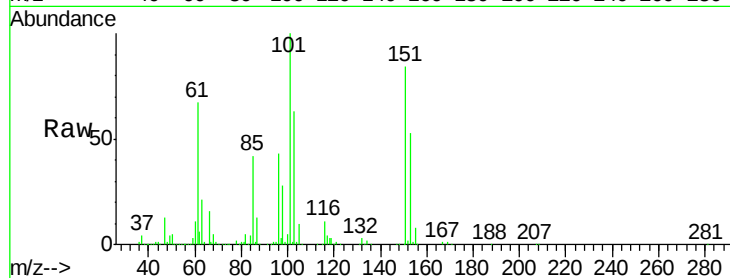
Tot Ion:101 Resp: 917549

Ion Ratio Lower Upper

101 100

85 42.3 37.6 56.4

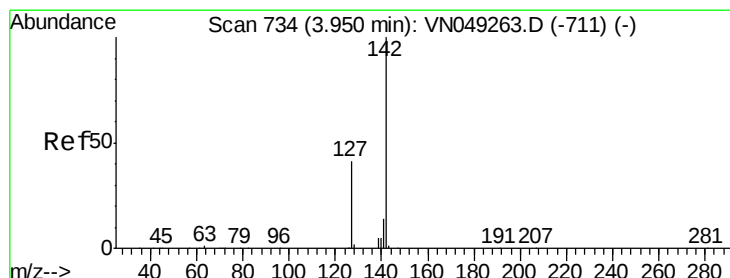
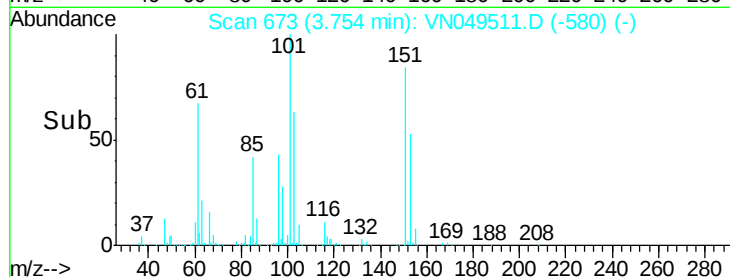
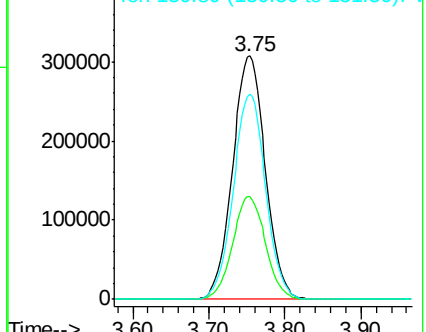
151 83.3 61.1 91.7



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: 50.05 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

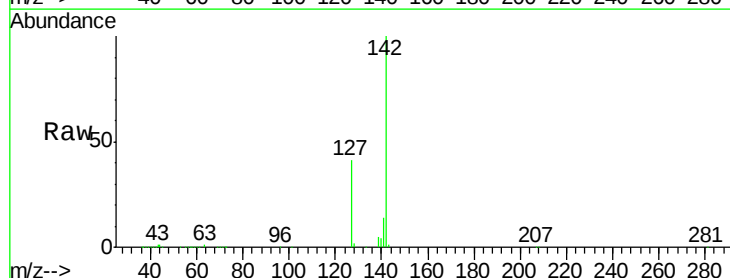
Tgt Ion:142 Resp: 1037956

Ion Ratio Lower Upper

142 100

127 41.1 38.2 57.4

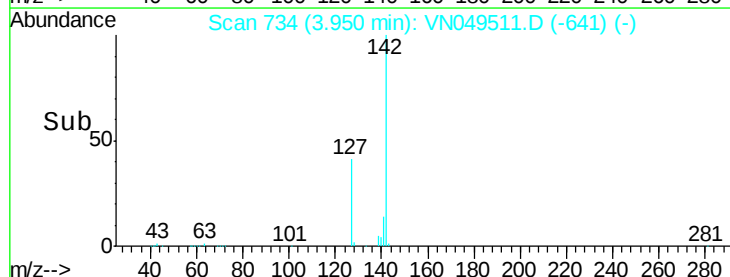
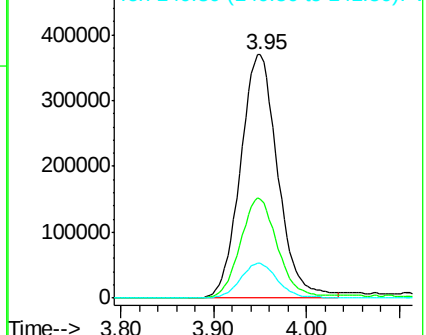
141 14.2 11.9 17.9

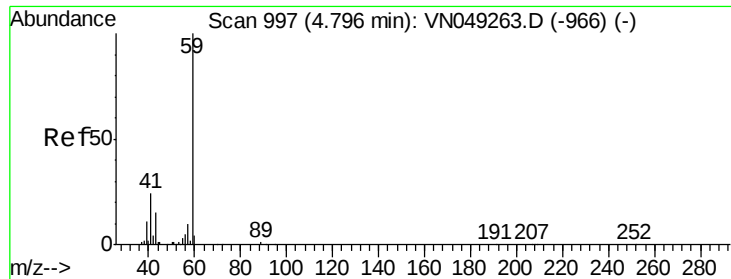


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

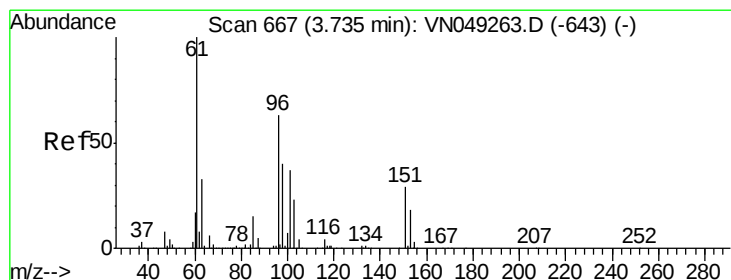
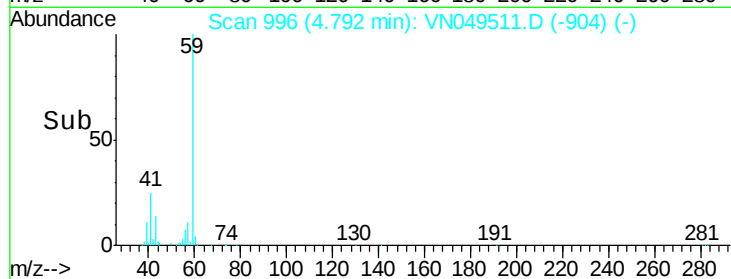
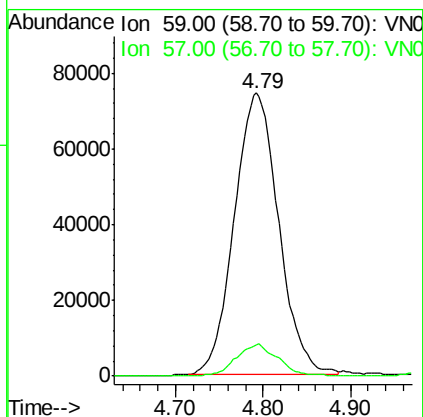
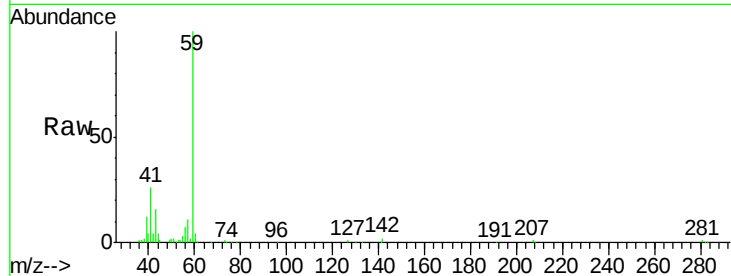




#11
Tert butyl alcohol
Concen: 210.65 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

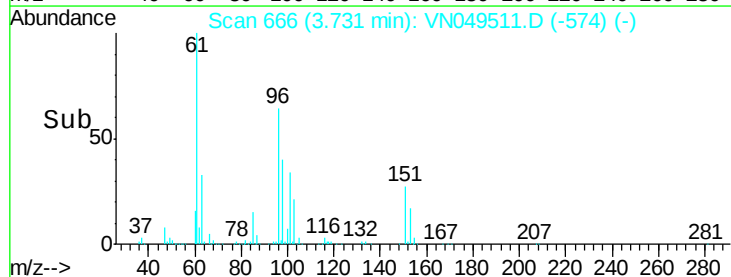
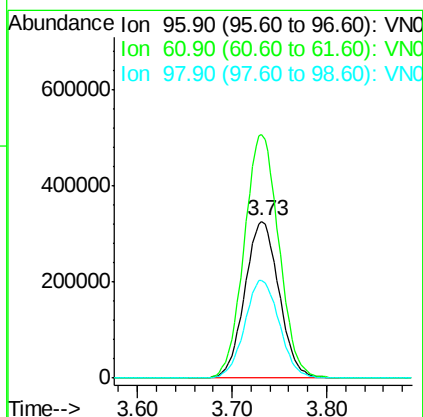
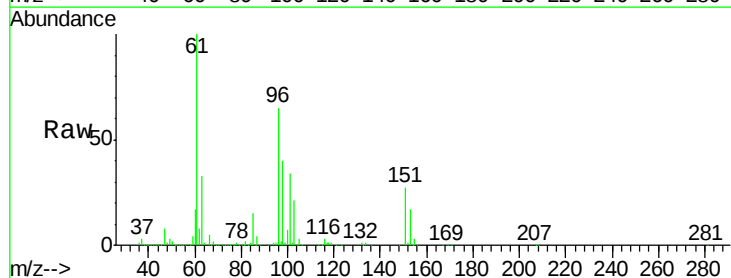
Instrument :
MSVOA_N
ClientSampleId :
BFB

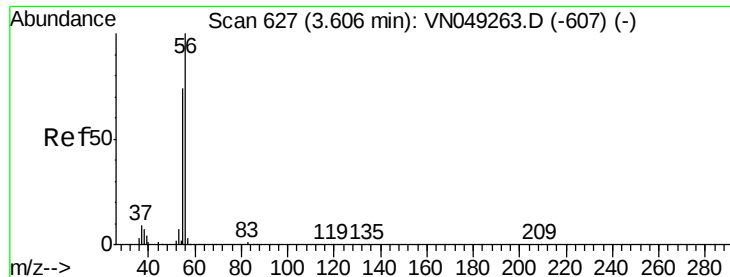
Tot Ion: 59 Resp: 261361
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.6



#12
1,1-Dichloroethene
Concen: 44.86 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion: 96 Resp: 819837
Ion Ratio Lower Upper
96 100
61 155.0 141.0 211.4
98 62.6 50.4 75.6





#13

Acrolein

Concen: 266.02 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

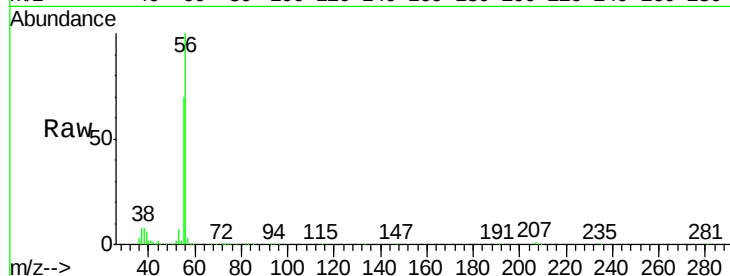
BFB

Tot Ion: 56 Resp: 346121

Ion Ratio Lower Upper

56 100

55 70.0 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

150000

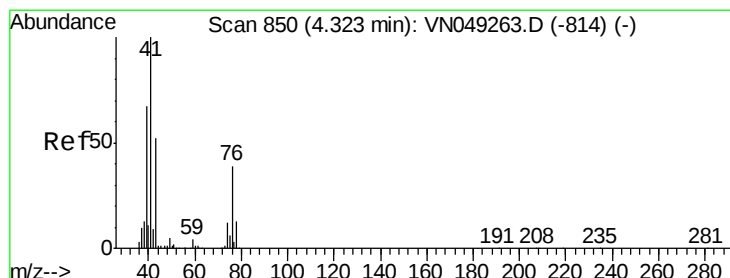
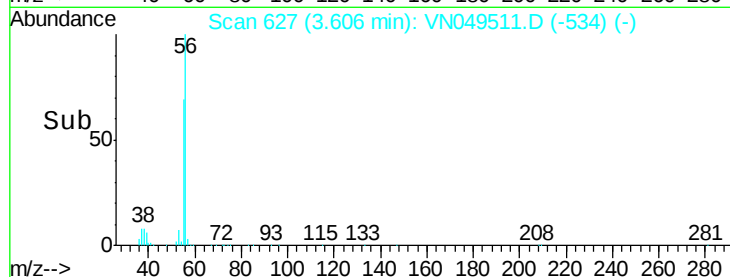
100000

50000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 46.92 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

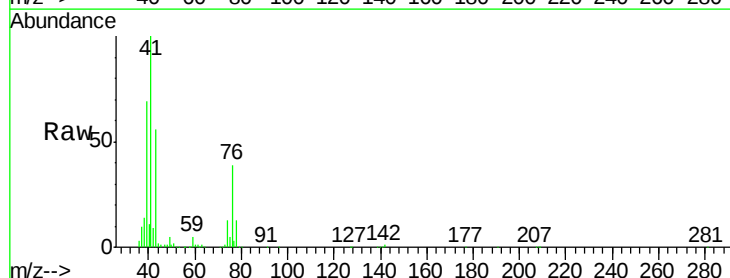
Tgt Ion: 41 Resp: 1353870

Ion Ratio Lower Upper

41 100

39 66.0 62.5 93.7

76 36.8 27.1 40.7



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

600000

500000

400000

300000

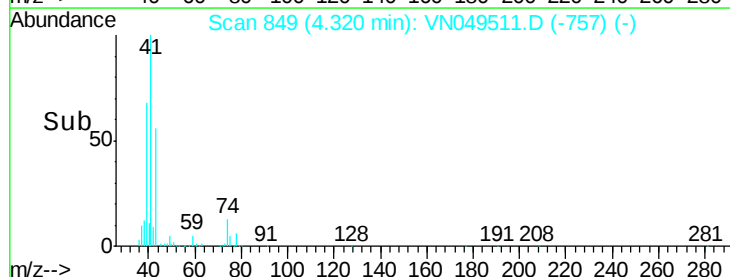
200000

100000

0

Time-->

4.10 4.20 4.30 4.40 4.50



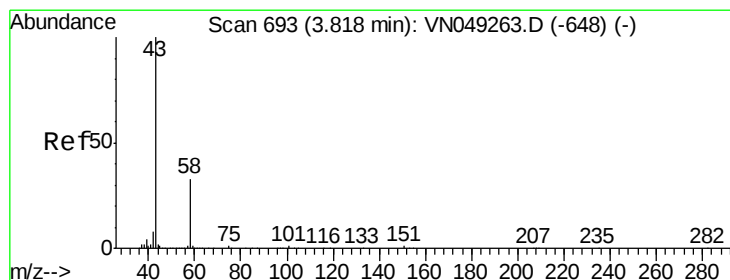
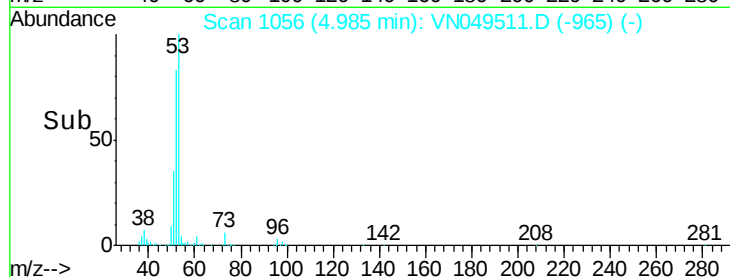
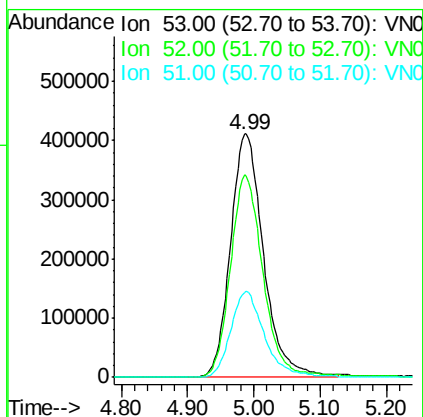
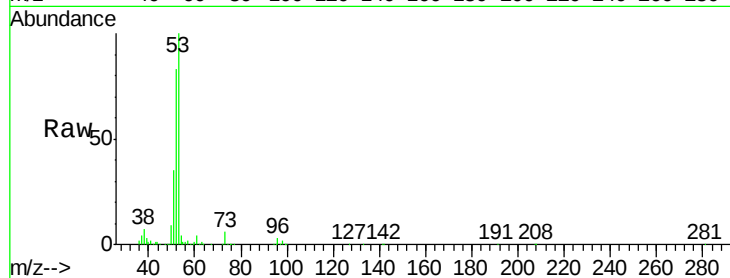


#15
 Acrylonitrile
 Concen: 229.68 ug/l
 RT: 4.99 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tot Ion: 53 Resp: 1424928

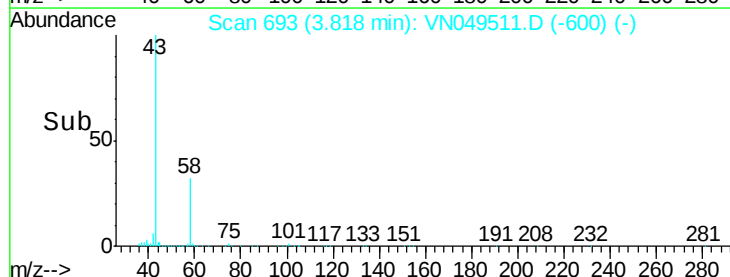
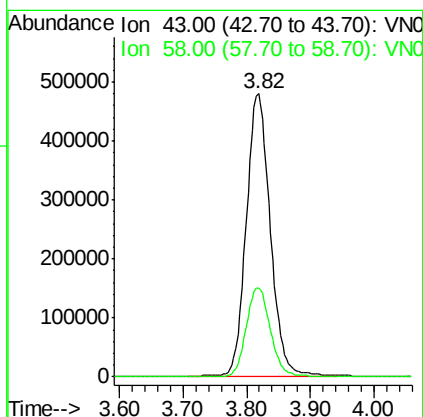
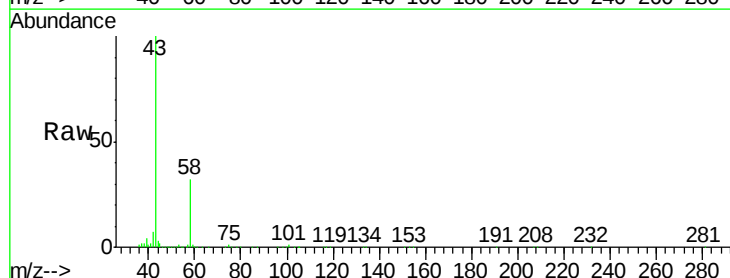
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.6	100.0
51	36.0	29.8	44.8

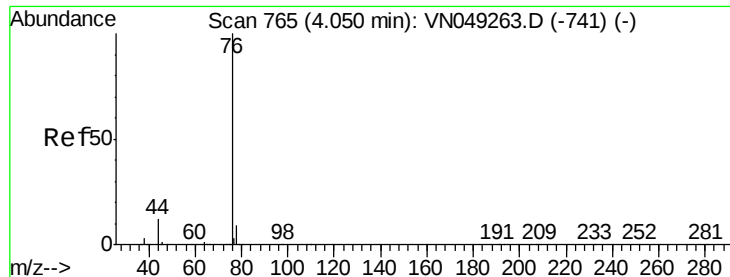


#16
 Acetone
 Concen: 246.33 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

Tgt Ion: 43 Resp: 1264317

Ion	Ratio	Lower	Upper
43	100		
58	31.5	22.4	33.6

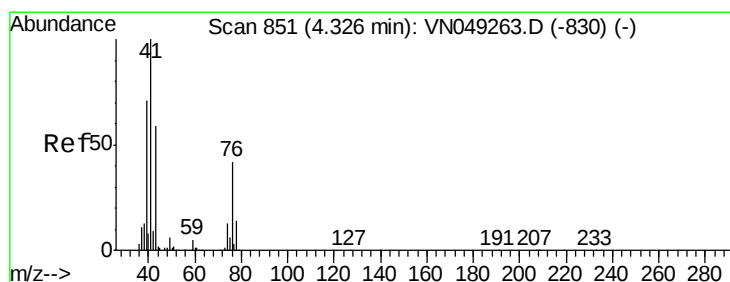
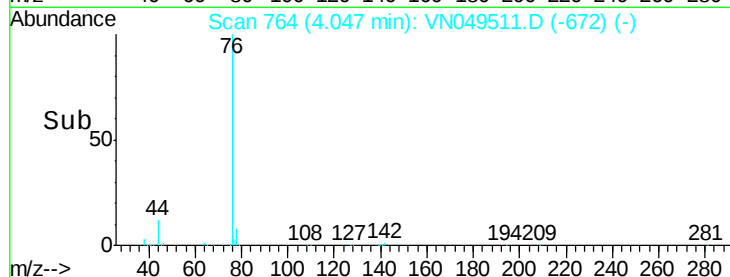
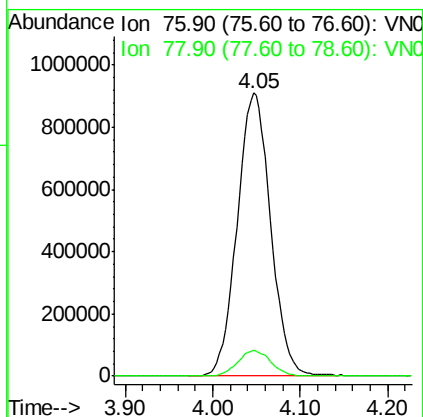
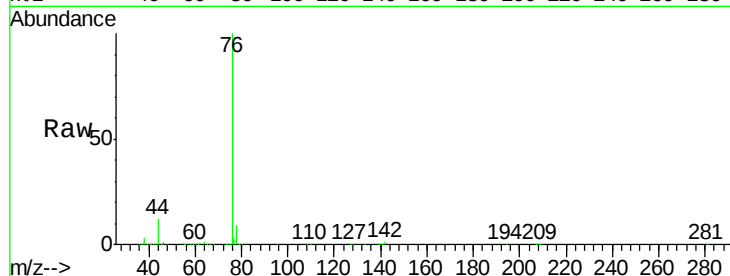




#17
Carbon Disulfide
Concen: 42.12 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

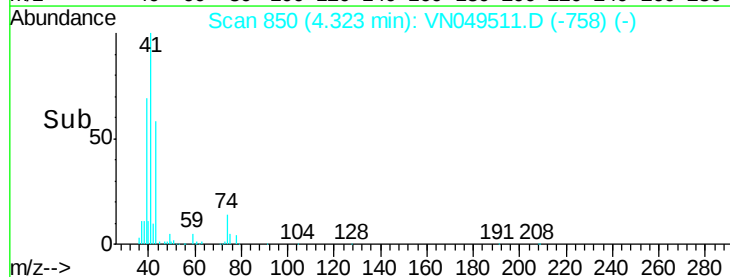
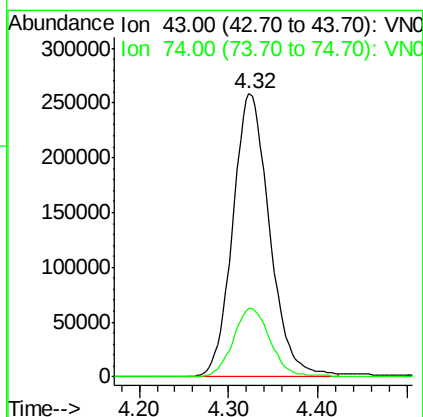
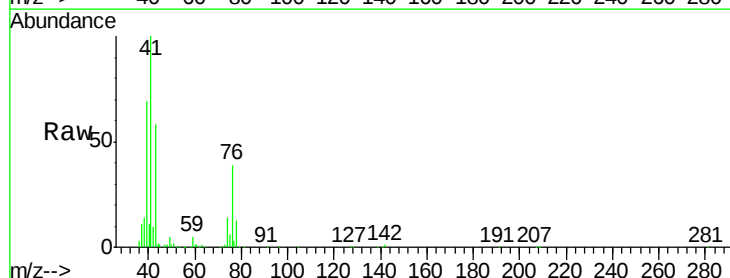
Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 76 Resp: 2412809
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 47.06 ug/l
RT: 4.32 min Scan# 850
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion: 43 Resp: 736562
Ion Ratio Lower Upper
43 100
74 24.7 17.4 26.0

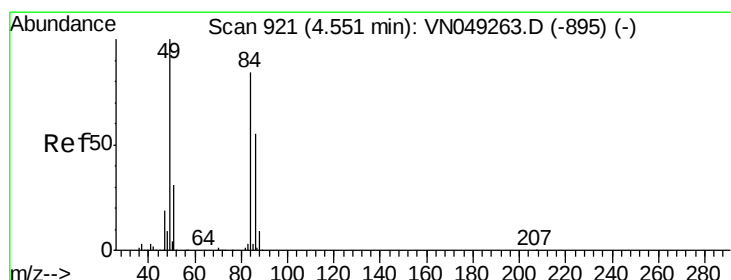
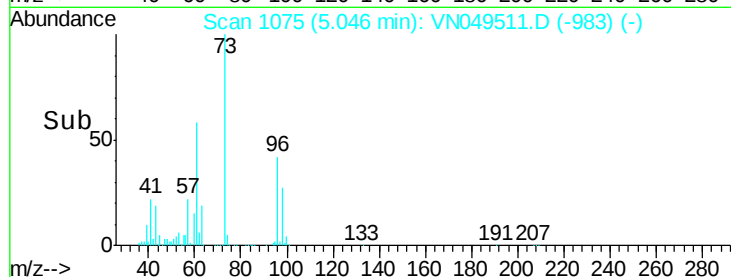
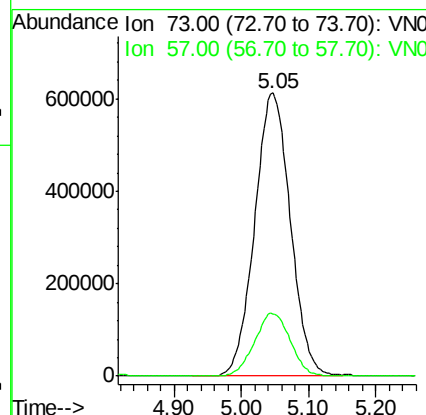
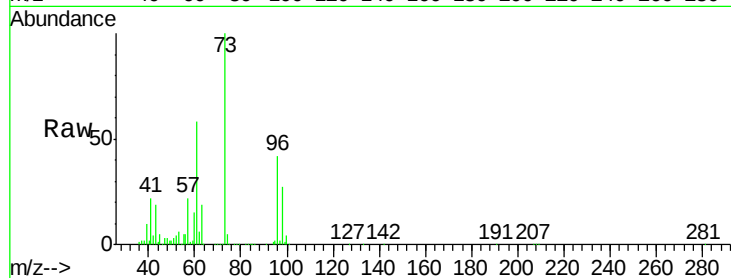




#19
Methvl tert-butvl Ether
Concen: 48.39 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

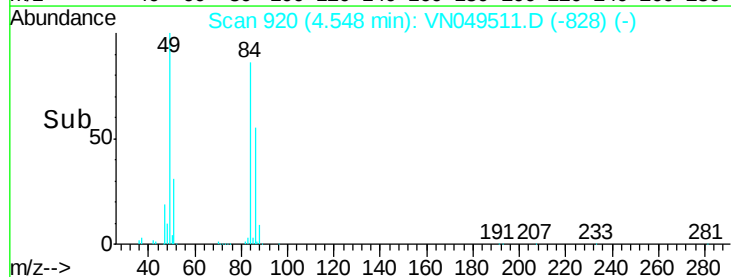
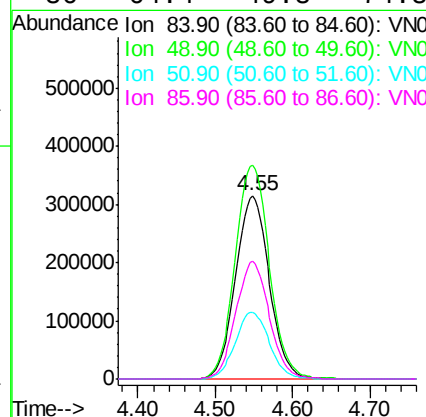
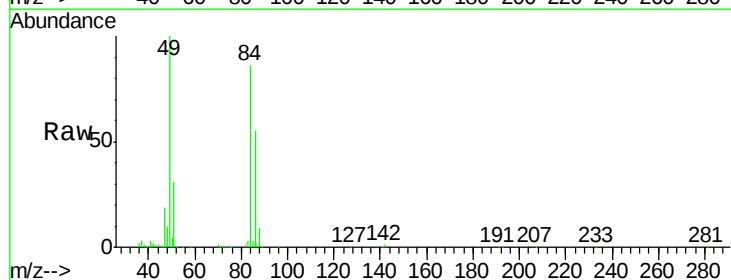
Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion: 73 Resp: 2254490
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.4



#20
Methylene Chloride
Concen: 44.48 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion: 84 Resp: 953406
Ion Ratio Lower Upper
84 100
49 116.6 106.9 160.3
51 36.4 32.7 49.1
86 64.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 46.07 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

BFB

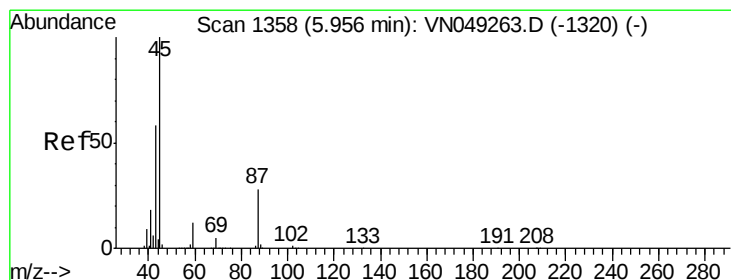
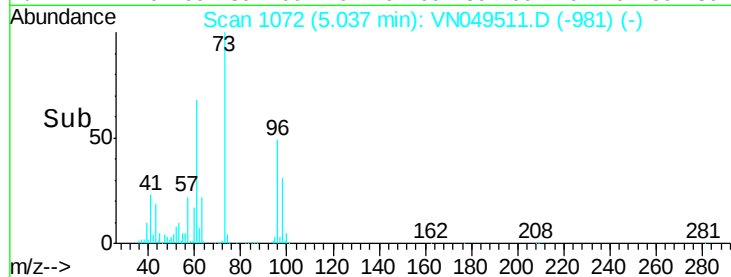
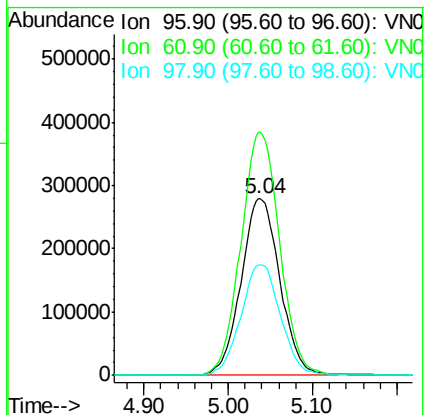
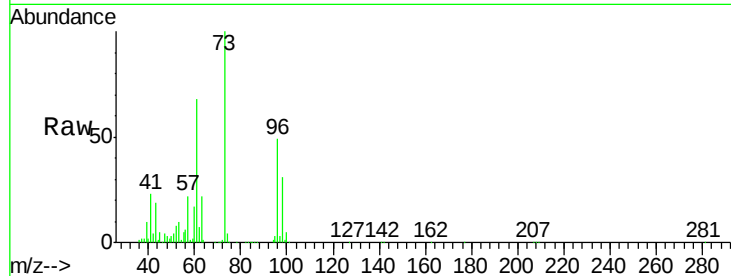
Tot Ion: 96 Resp: 891396

Ion Ratio Lower Upper

96 100

61 137.9 121.3 181.9

98 62.6 52.0 78.0



#22

Diisopropyl ether

Concen: 49.03 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Tgt Ion: 45 Resp: 2825378

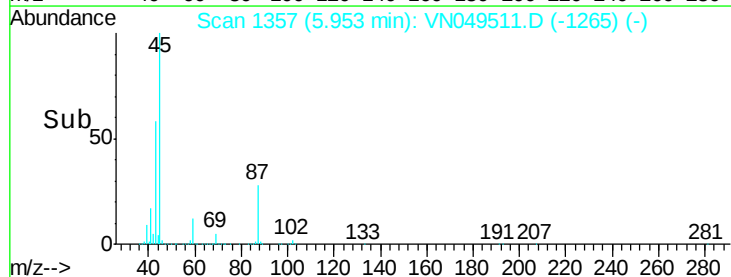
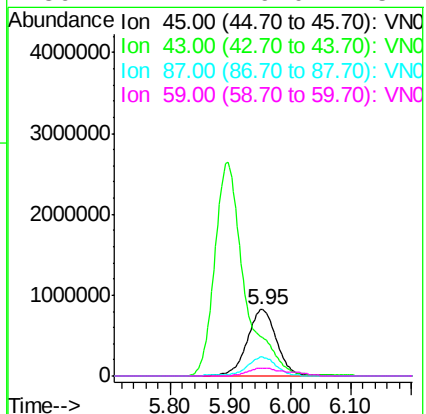
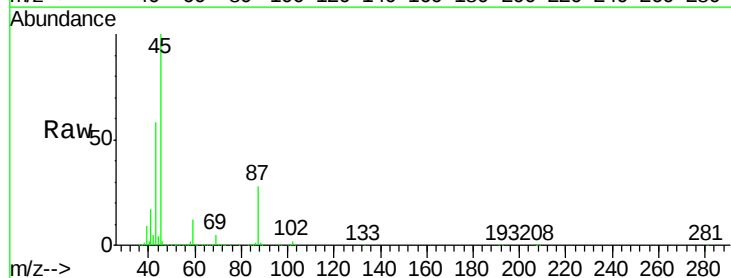
Ion Ratio Lower Upper

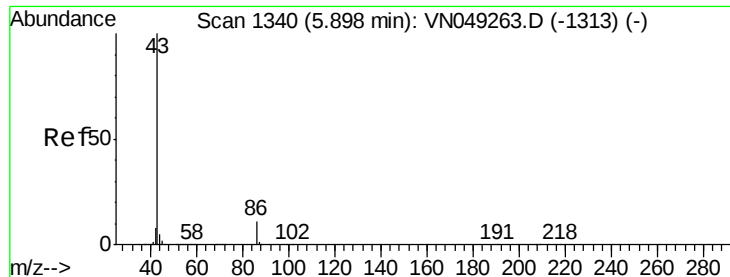
45 100

43 57.0 48.6 72.8

87 27.9 20.2 30.2

59 12.1 9.0 13.4

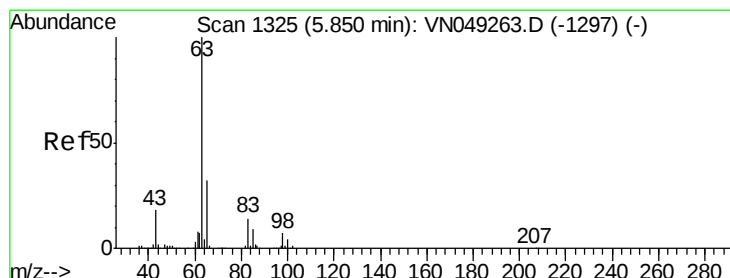
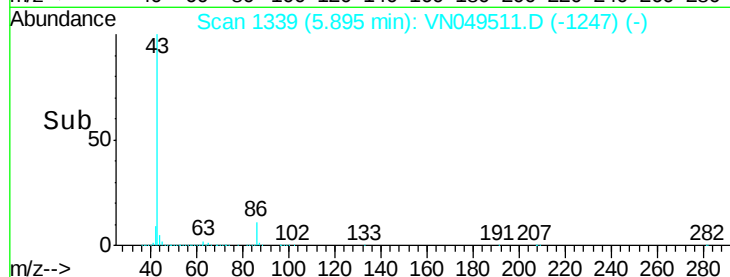
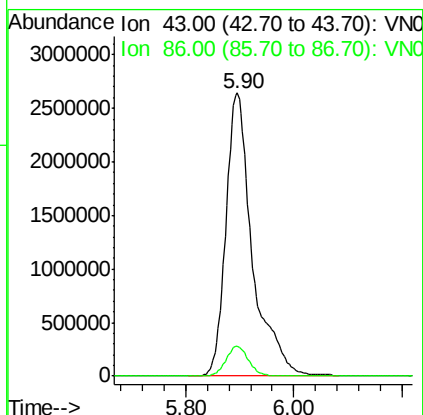
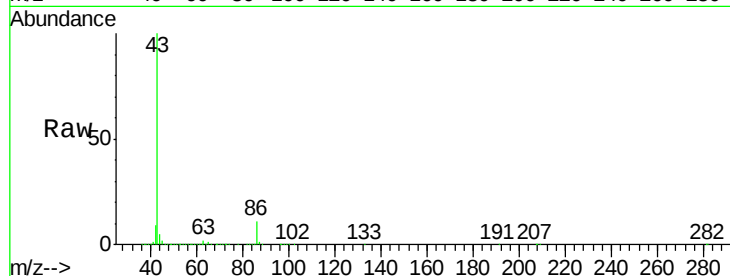




#23
 Vinyl Acetate
 Concen: 240.39 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

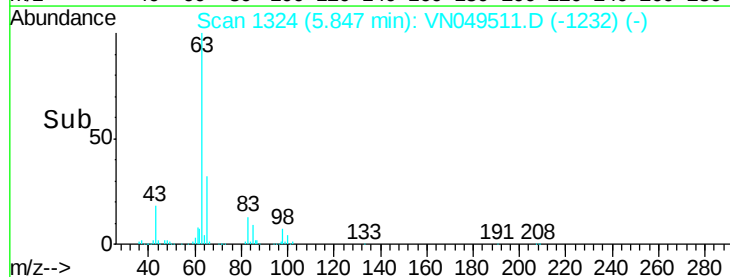
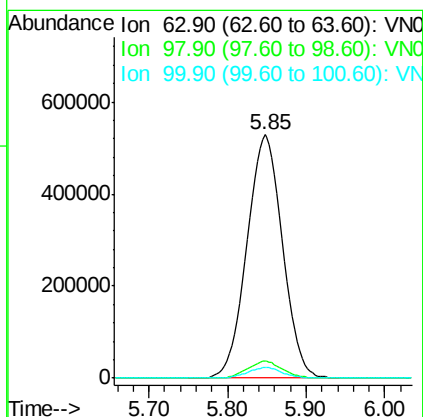
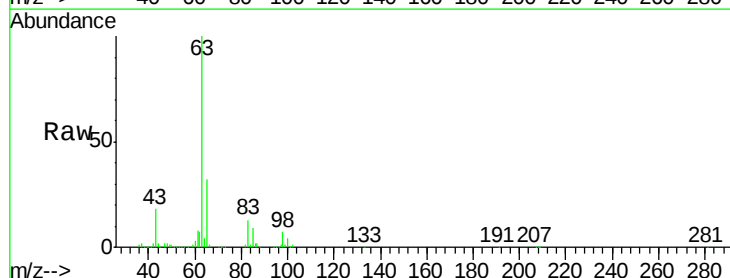
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

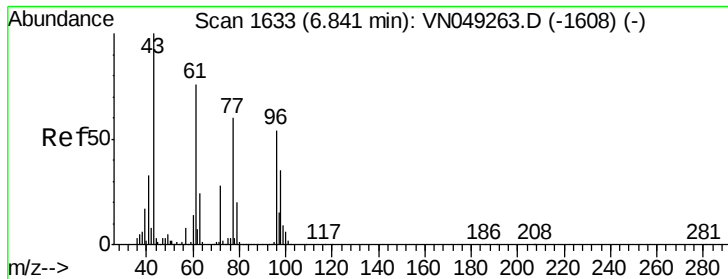
Tot Ion: 43 Resp: 9030047
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 45.85 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

Tgt Ion: 63 Resp: 1690891
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.9 8.8
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 235.71 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

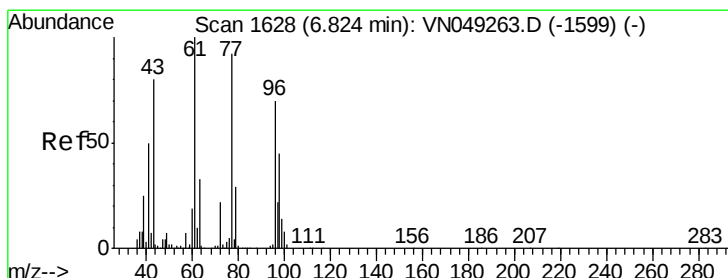
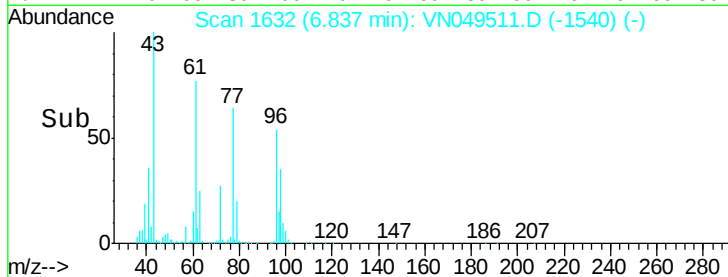
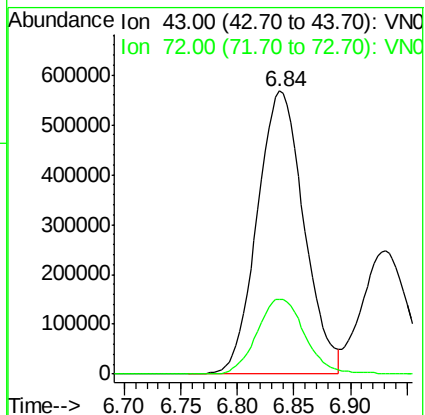
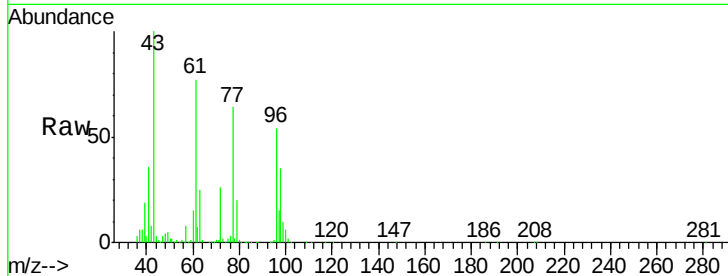
BFB

Tot Ion: 43 Resp: 1624497

Ion Ratio Lower Upper

43 100

72 26.5 20.2 30.2



#26

2,2-Dichloropropane

Concen: 49.10 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049511.D

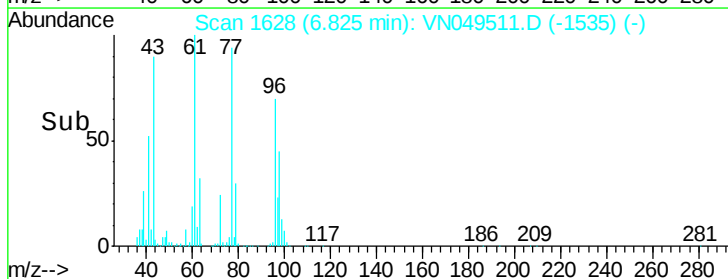
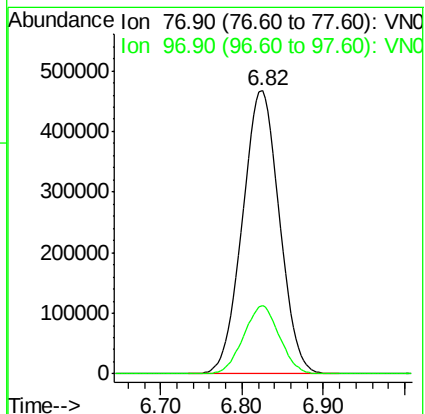
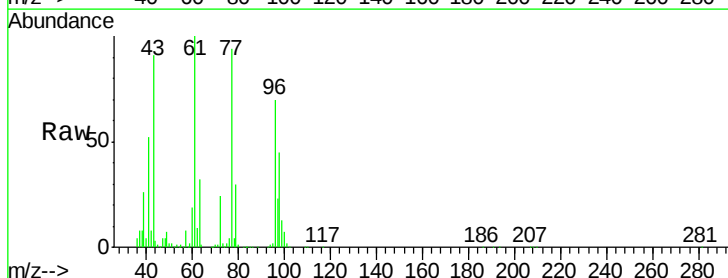
Acq: 25 Jun 2018 13:15

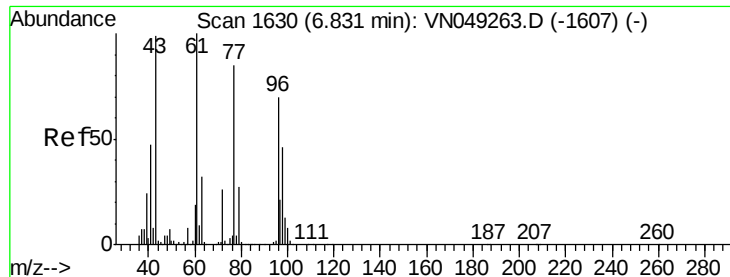
Tgt Ion: 77 Resp: 1462416

Ion Ratio Lower Upper

77 100

97 23.4 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 47.31 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

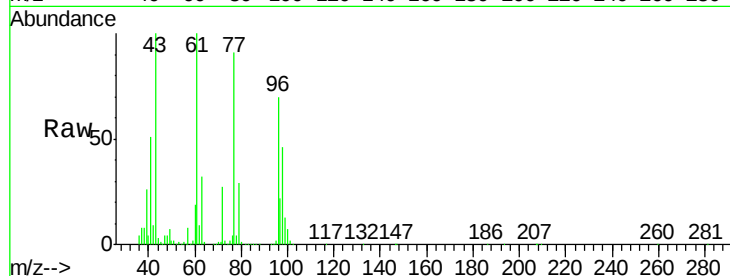
MSVOA_N

ClientSampleId :

BFB

Tot Ion: 96 Resp: 1017657

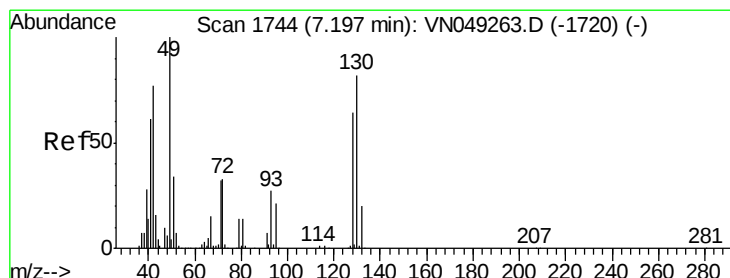
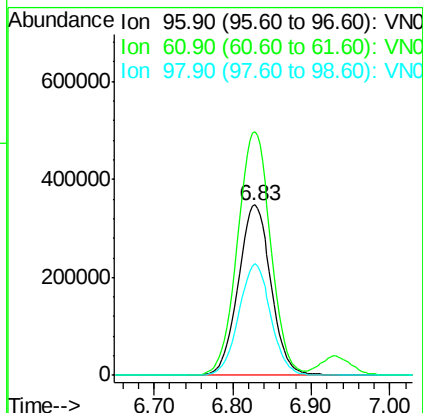
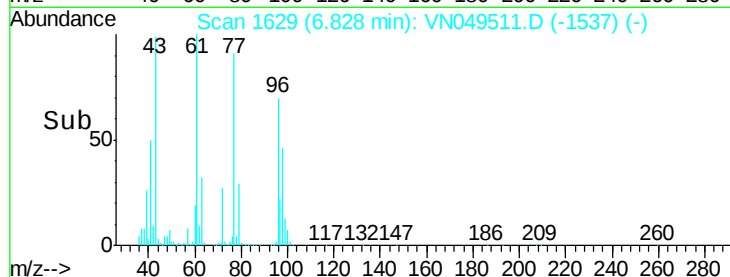
Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	316.4
98	64.0	0.0	128.4



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



#28

Bromochloromethane

Concen: 51.81 ug/l

RT: 7.19 min Scan# 1743

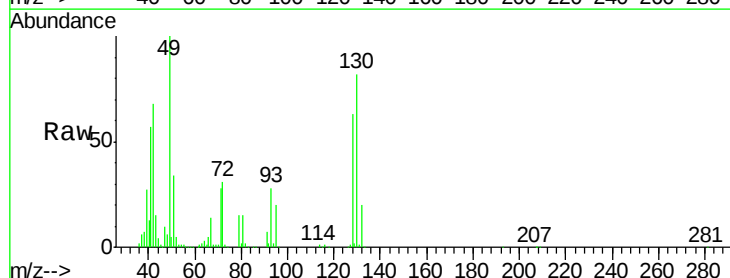
Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Tgt Ion: 49 Resp: 847062

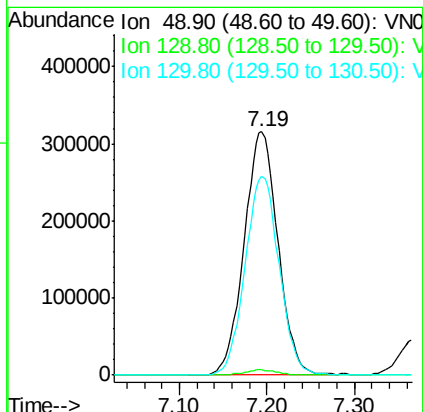
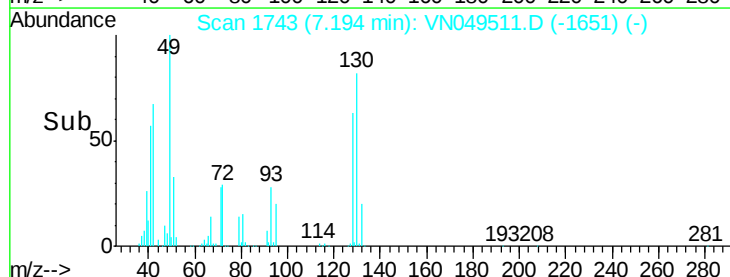
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	82.3	54.9	82.3

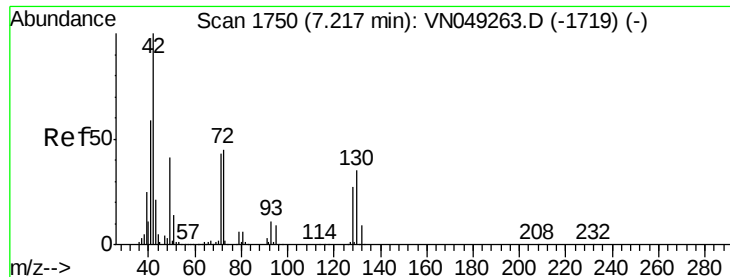


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 230.15 ug/l

RT: 7.21 min Scan# 1748

Delta R.T. -0.01 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

BFB

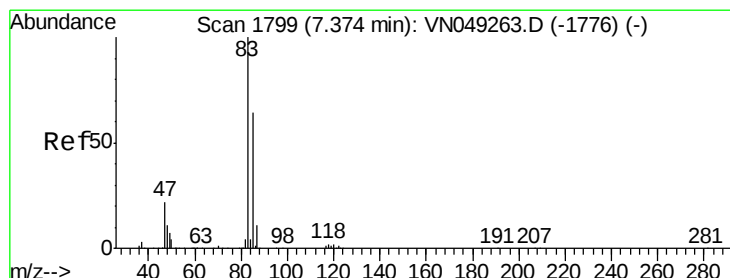
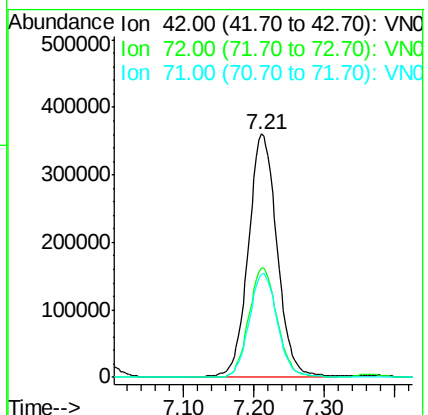
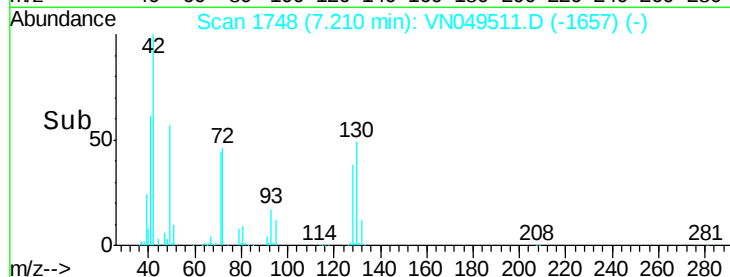
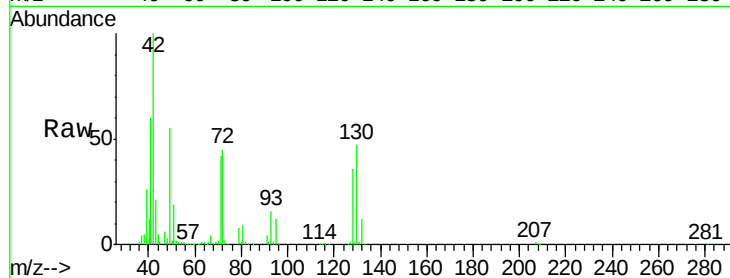
Tot Ion: 42 Resp: 1021062

Ion Ratio Lower Upper

42 100

72 44.4 32.2 48.4

71 41.9 30.5 45.7



#30

Chloroform

Concen: 46.60 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049511.D

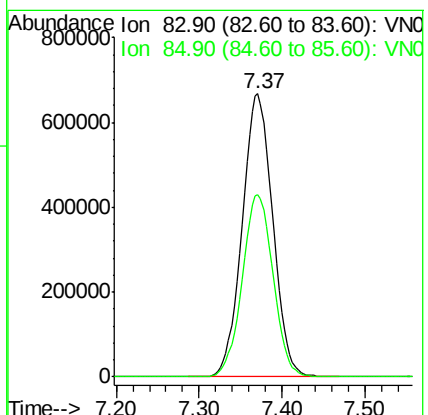
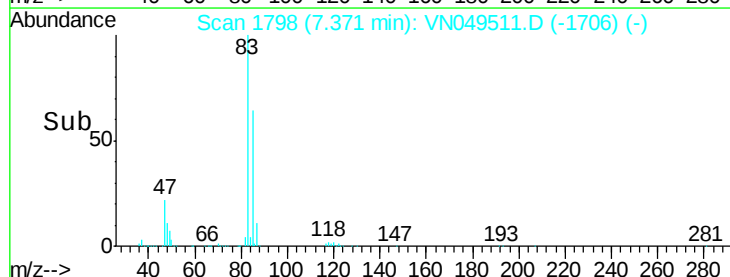
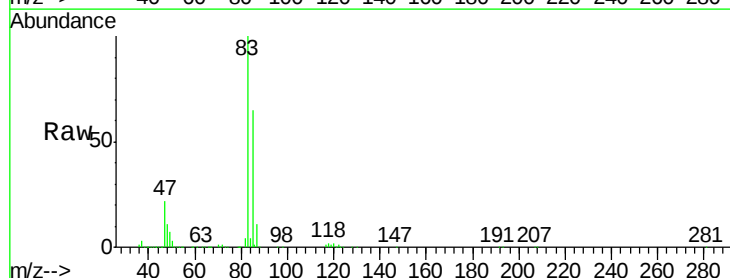
Acq: 25 Jun 2018 13:15

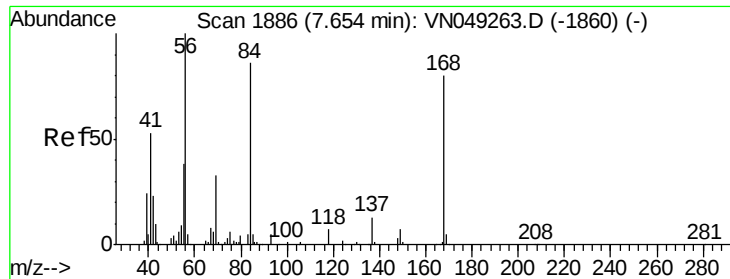
Tgt Ion: 83 Resp: 1710491

Ion Ratio Lower Upper

83 100

85 64.5 51.7 77.5

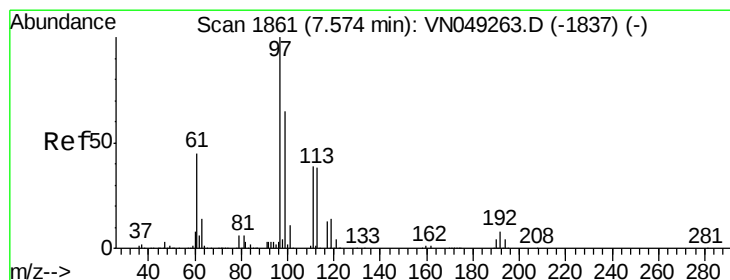
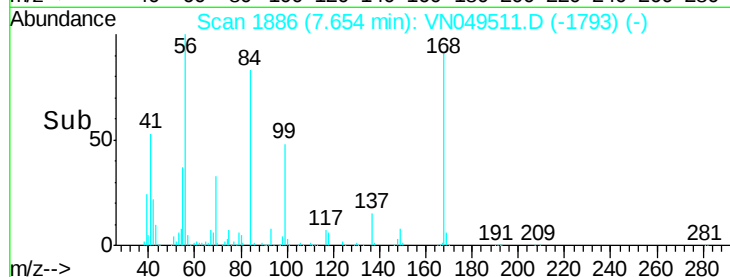
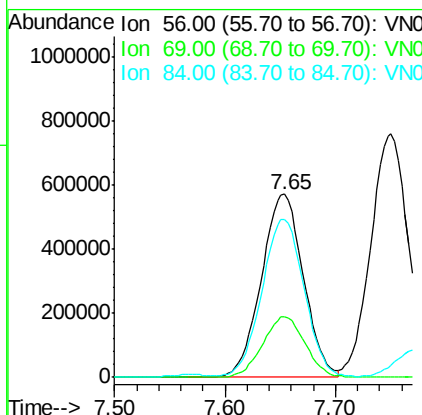
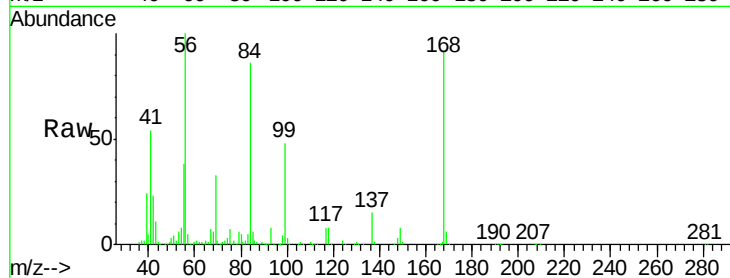




#31
Cyclohexane
Concen: 48.33 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

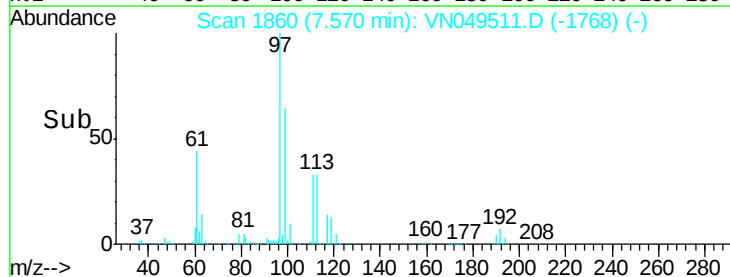
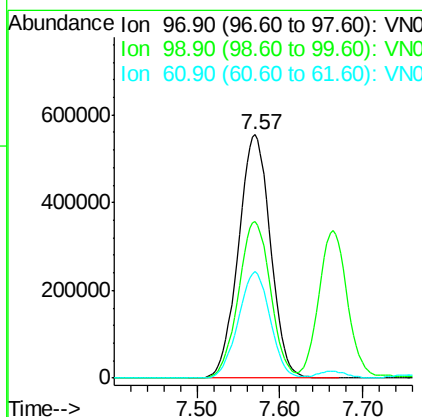
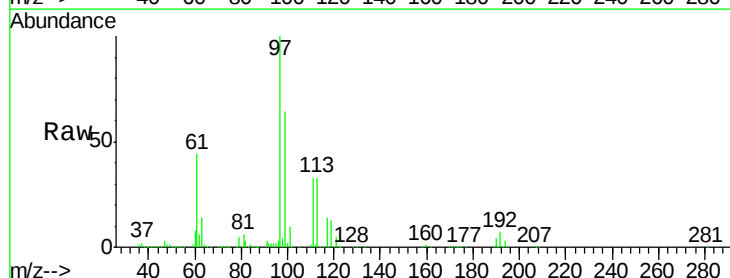
Instrument :
MSVOA_N
ClientSampled :
BFB

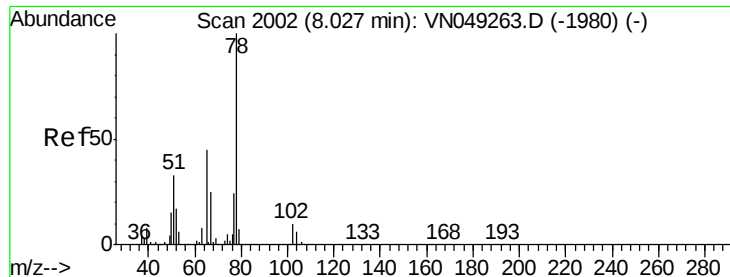
Tot Ion: 56 Resp: 1511147
Ion Ratio Lower Upper
56 100
69 33.3 25.0 37.4
84 84.9 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 47.59 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion: 97 Resp: 1490274
Ion Ratio Lower Upper
97 100
99 64.3 50.5 75.7
61 43.4 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 46.01 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

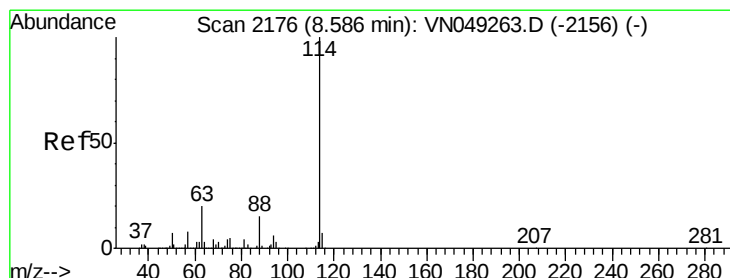
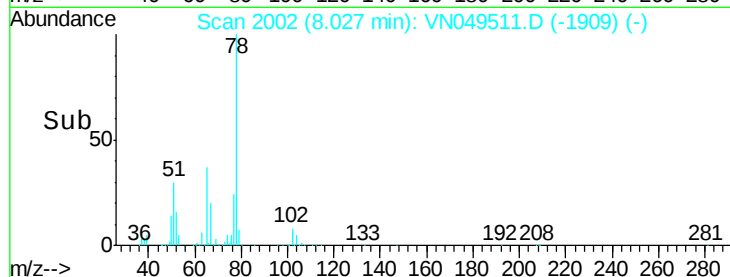
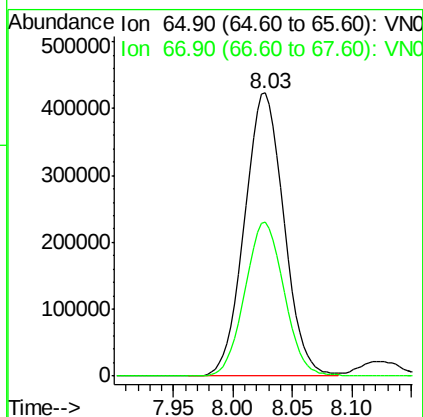
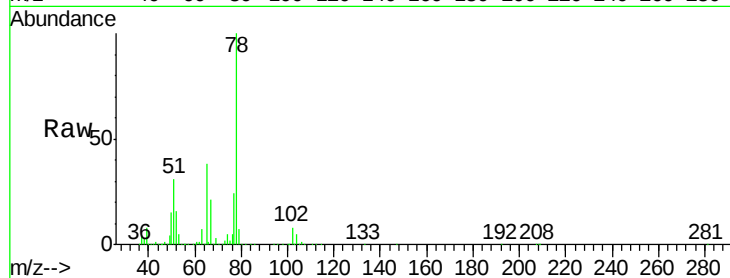
BFB

Tot Ion: 65 Resp: 972686

Ion Ratio Lower Upper

65 100

67 54.3 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

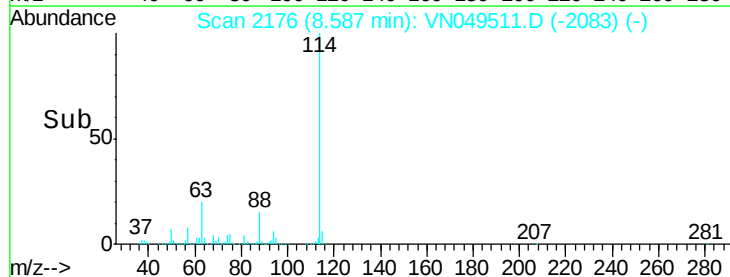
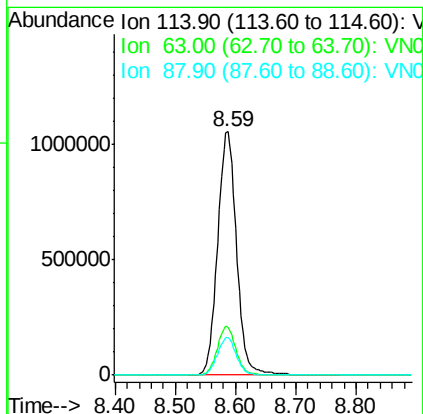
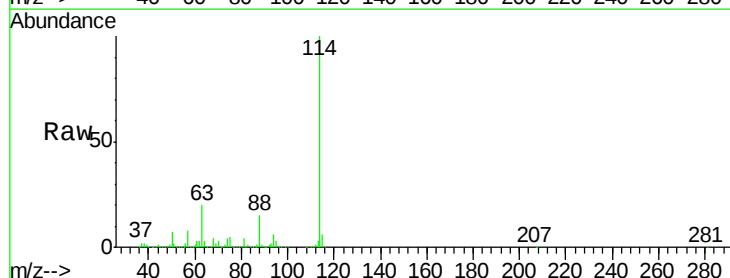
Tgt Ion: 114 Resp: 2265928

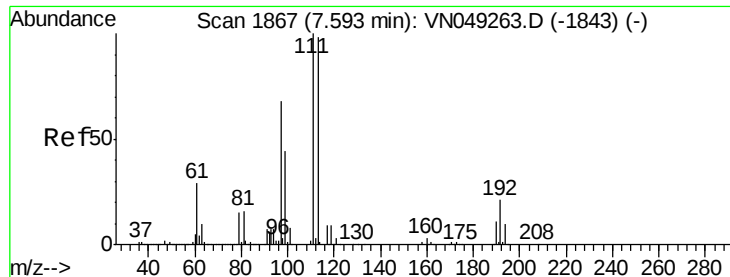
Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.4

88 15.4 0.0 31.4

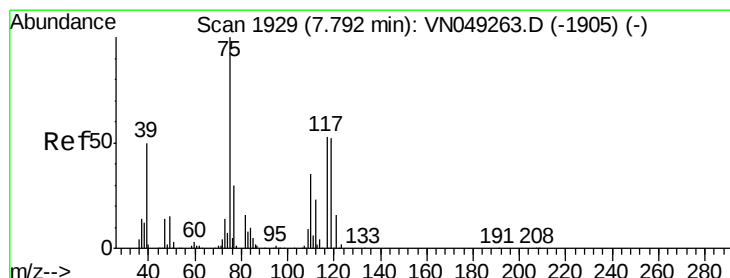
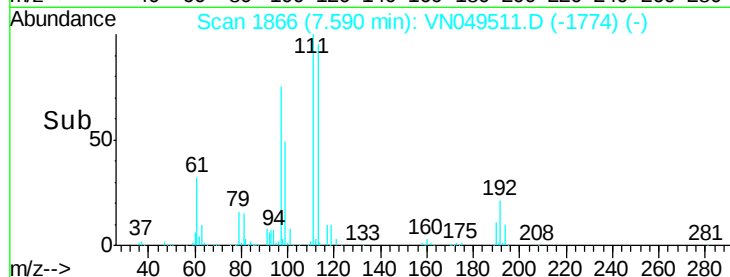
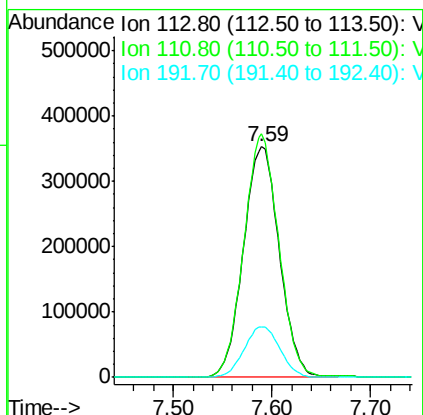
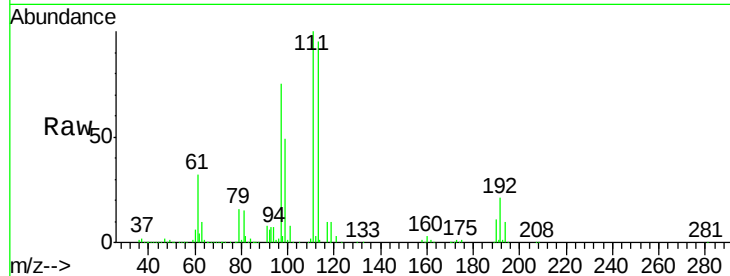




#35
 Dibromofluoromethane
 Concen: 48.57 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

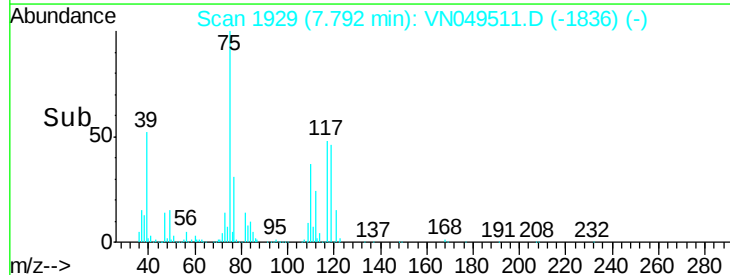
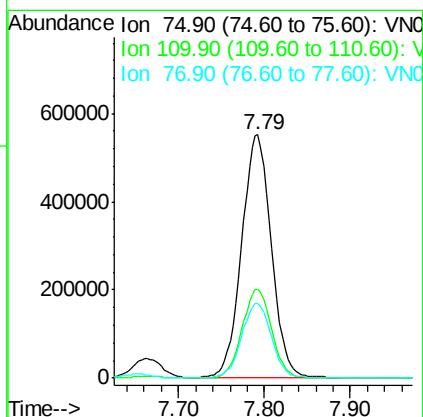
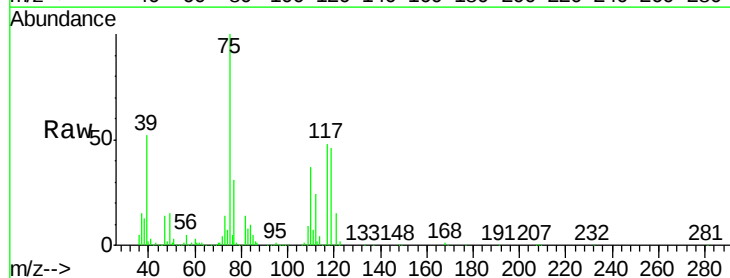
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

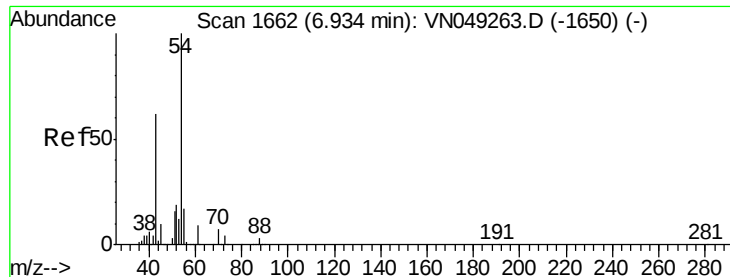
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	22.1	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 50.76 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.0	50.9
77	31.0	24.4	36.6

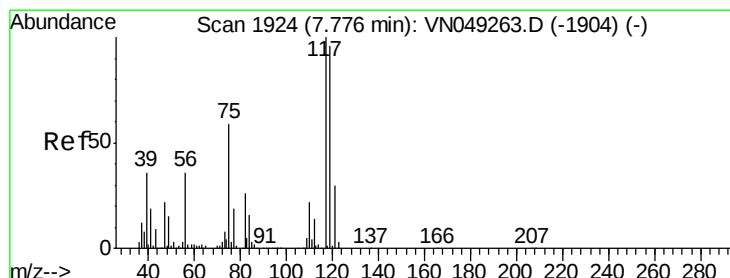
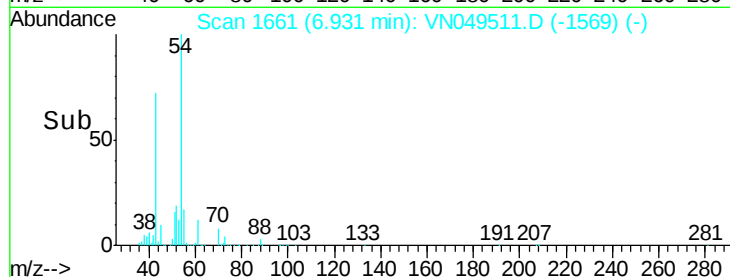
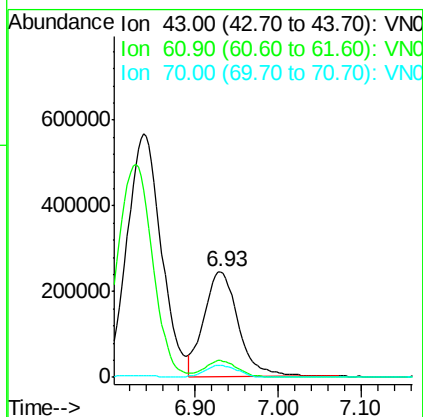
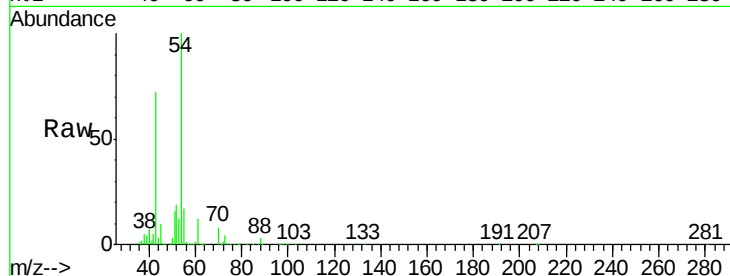




#37
Ethyl Acetate
Concen: 50.17 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

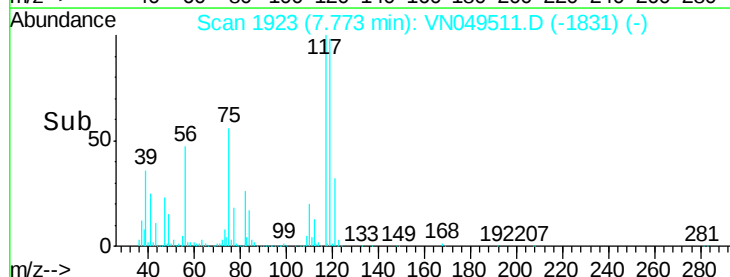
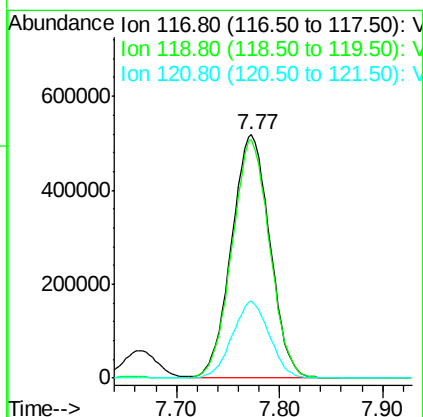
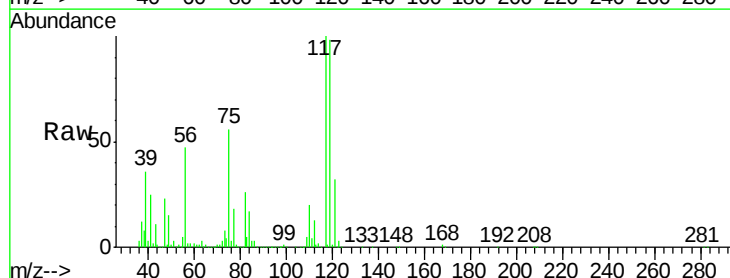
Instrument :
MSVOA_N
ClientSampleId :
BFB

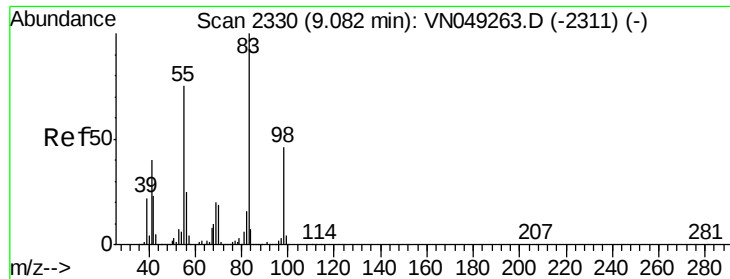
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.0	16.4
70	10.7	7.2	10.8



#38
Carbon Tetrachloride
Concen: 49.65 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.6	113.4
121	31.5	24.7	37.1

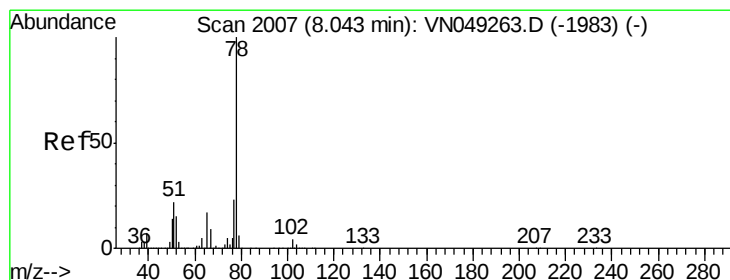
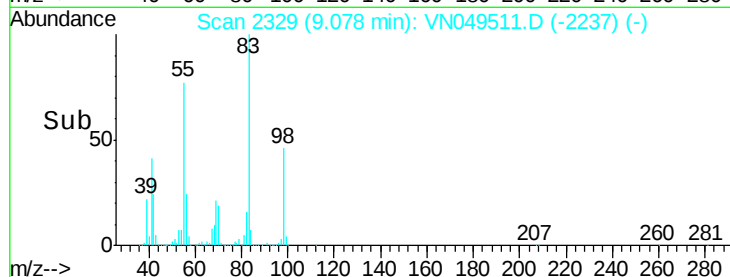
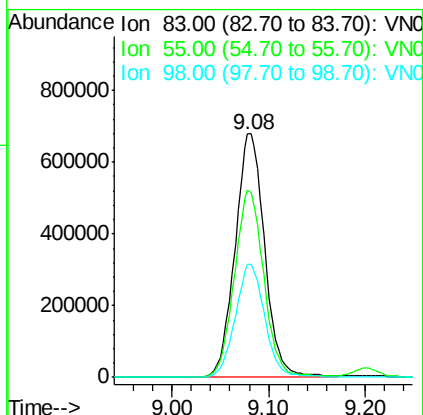
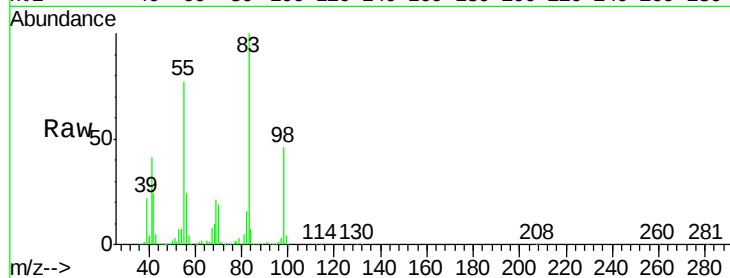




#39
Methvlcvclohexane
Concen: 51.82 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

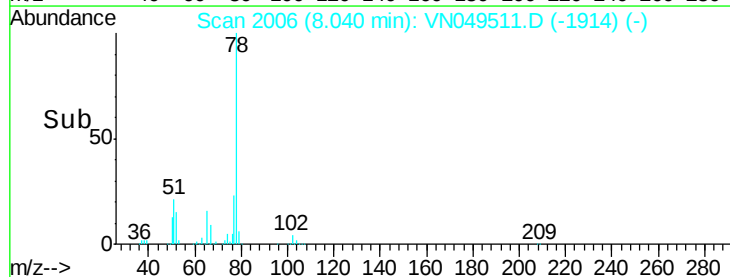
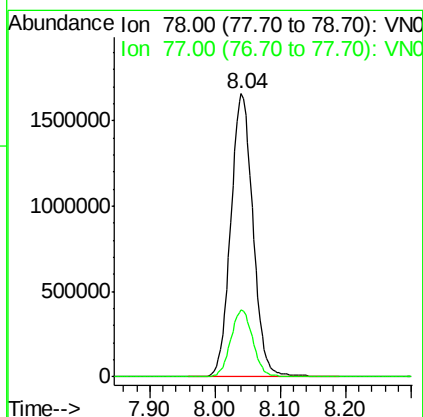
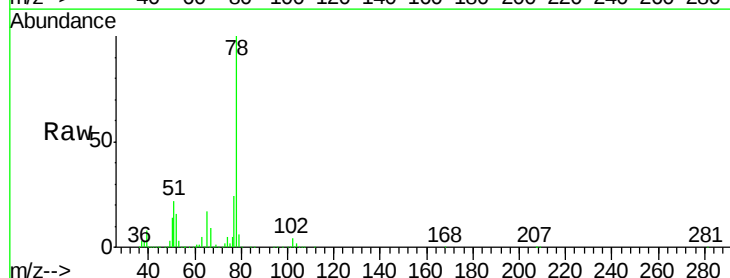
Instrument :
MSVOA_N
ClientSampled :
BFB

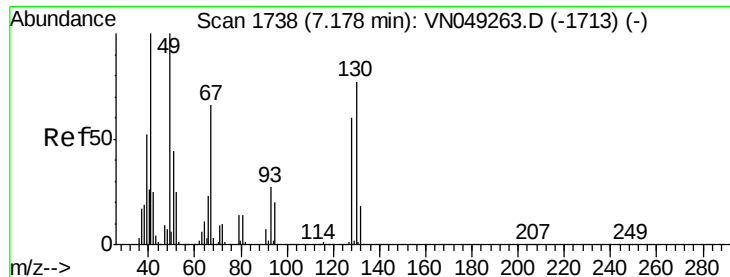
Tot Ion: 83 Resp: 1444520
Ion Ratio Lower Upper
83 100
55 76.8 65.1 97.7
98 46.5 36.5 54.7



#40
Benzene
Concen: 49.13 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion: 78 Resp: 3911414
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0

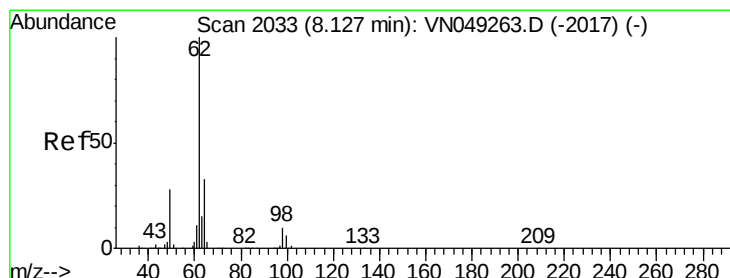
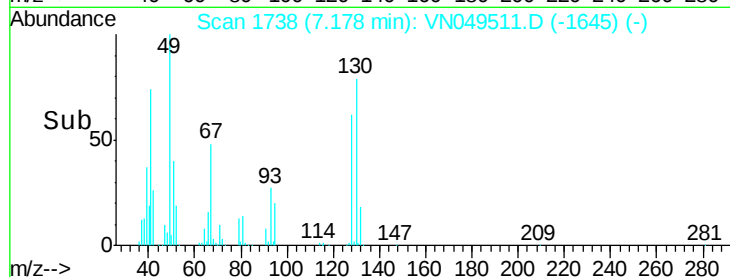
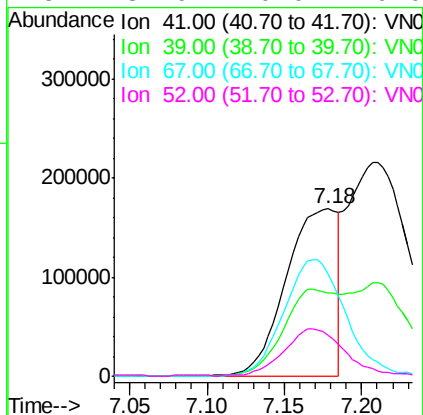
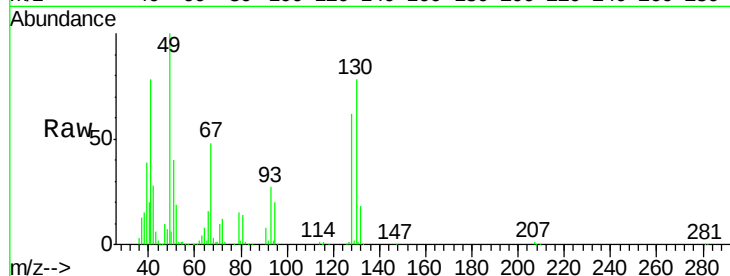




#41
Methacrylonitrile
Concen: 50.92 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

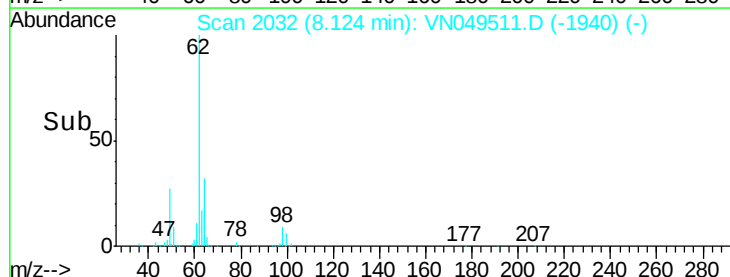
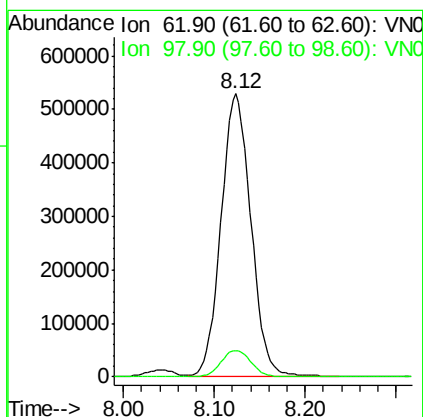
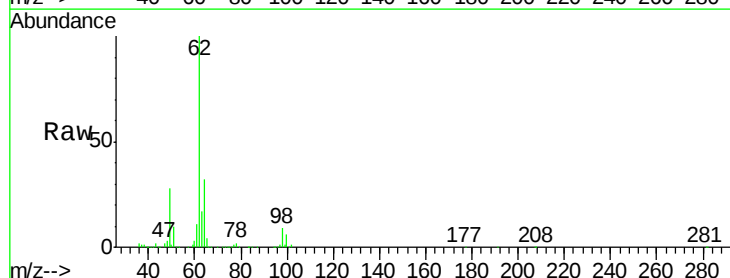
Instrument :
MSVOA_N
ClientSampleId :
BFB

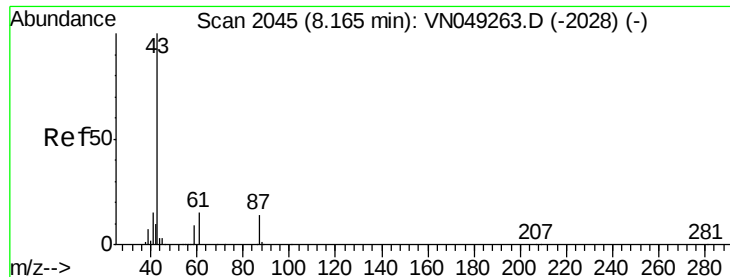
Tot Ion: 41 Resp: 388623
Ion Ratio Lower Upper
41 100
39 52.5 0.0 0.0#
67 85.1 0.0 0.0#
52 32.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.83 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion: 62 Resp: 1201144
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.2





#43

Isopropyl Acetate

Concen: 47.81 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

BFB

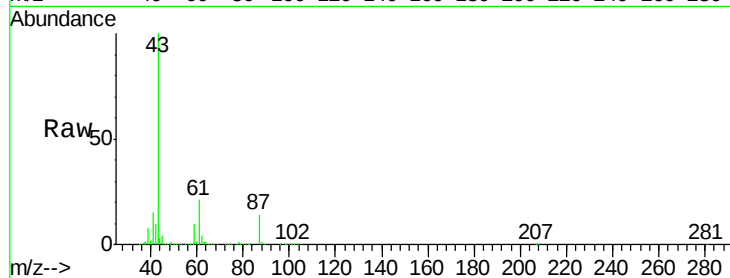
Tot Ion: 43 Resp: 1289672

Ion Ratio Lower Upper

43 100

61 20.5 14.2 21.4

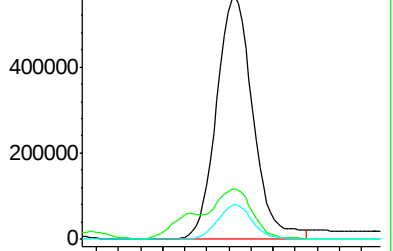
87 13.8 9.4 14.0



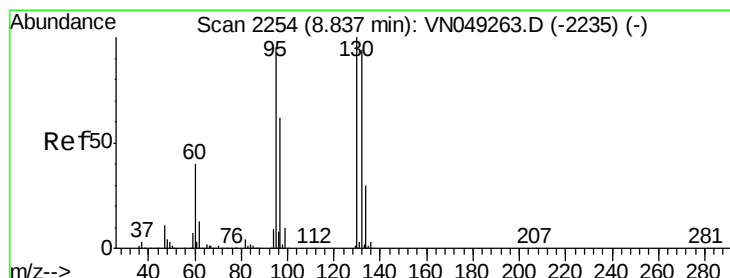
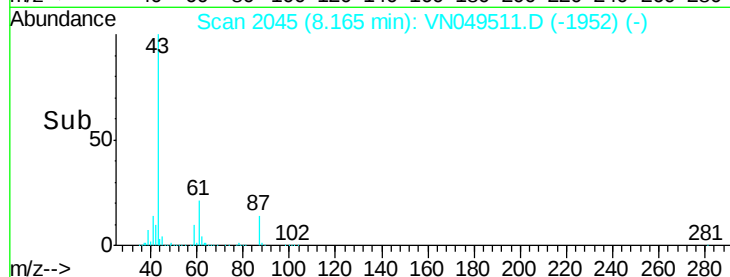
Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2028) (-)

Ion 61.00 (60.70 to 61.70): VN049263.D (-2028) (-)

Ion 87.00 (86.70 to 87.70): VN049263.D (-2028) (-)



Time-->



#44

Trichloroethene

Concen: 50.69 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049511.D

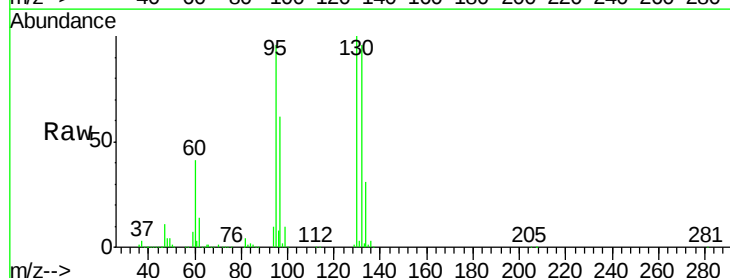
Acq: 25 Jun 2018 13:15

Tgt Ion:130 Resp: 1065846

Ion Ratio Lower Upper

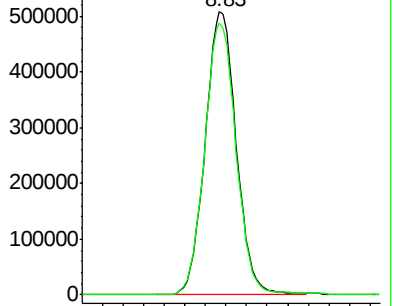
130 100

95 96.1 0.0 208.6

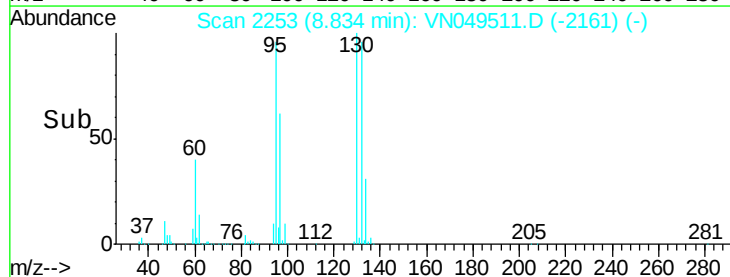


Abundance Ion 129.80 (129.50 to 130.50): VN049263.D (-2235) (-)

Ion 94.90 (94.60 to 95.60): VN049263.D (-2235) (-)



Time-->





#45

1,2-Dichloropropane

Concen: 49.44 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

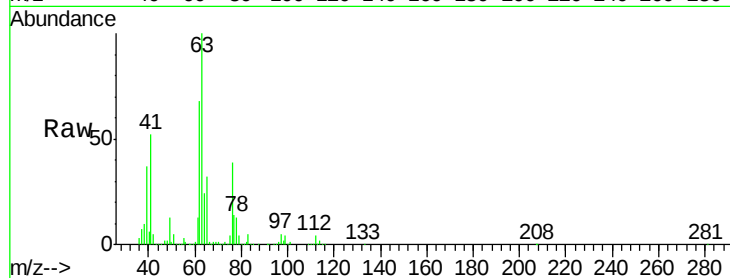
BFB

Tot Ion: 63 Resp: 1030688

Ion Ratio Lower Upper

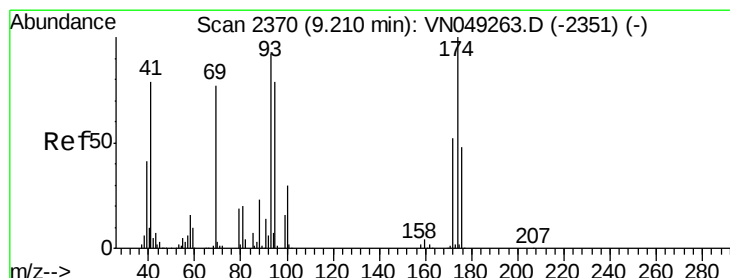
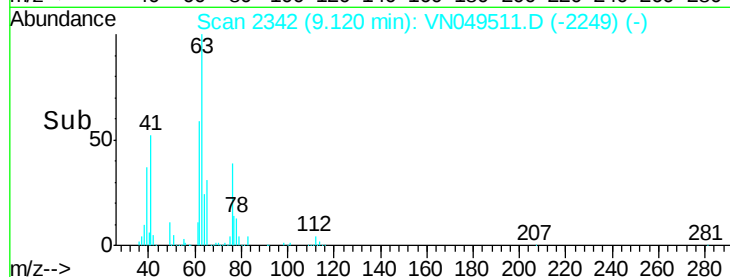
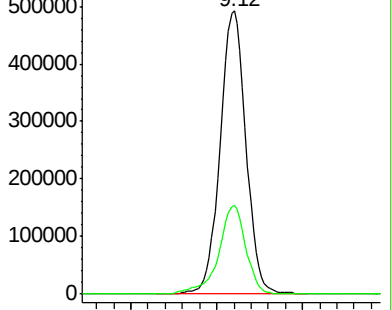
63 100

65 31.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN049263.D (-2316) (-)

Ion 64.90 (64.60 to 65.60): VN049263.D (-2316) (-)



#46

Dibromomethane

Concen: 48.85 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

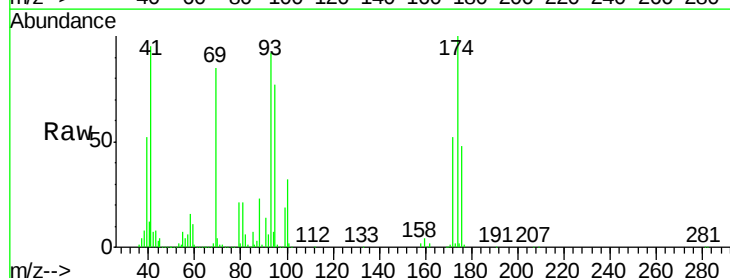
Tgt Ion: 93 Resp: 590487

Ion Ratio Lower Upper

93 100

95 83.0 67.2 100.8

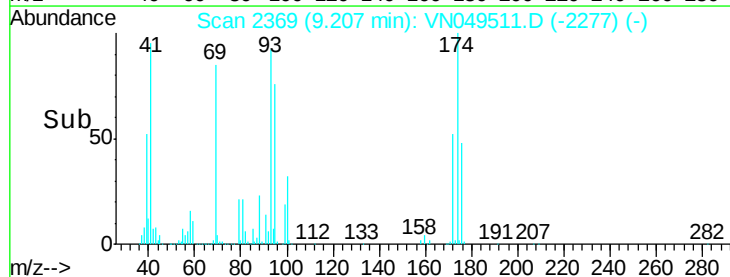
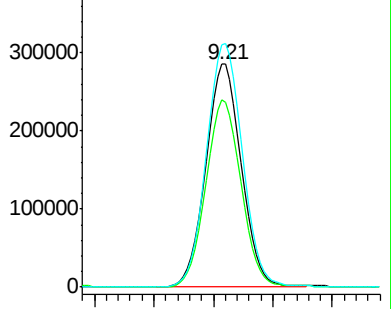
174 110.5 75.6 113.4

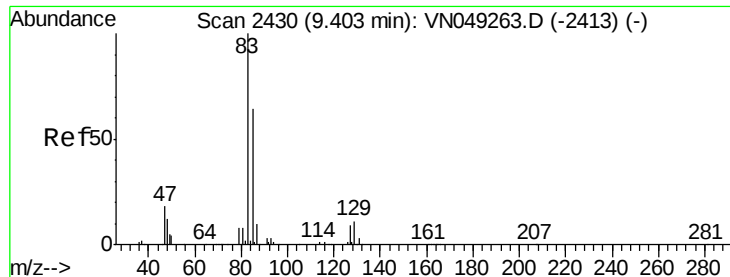


Abundance Ion 92.80 (92.50 to 93.50): VN049263.D (-2351) (-)

Ion 94.80 (94.50 to 95.50): VN049263.D (-2351) (-)

Ion 173.70 (173.40 to 174.40): VN049263.D (-2351) (-)





#47

Bromodichloromethane

Concen: 49.47 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

BFB

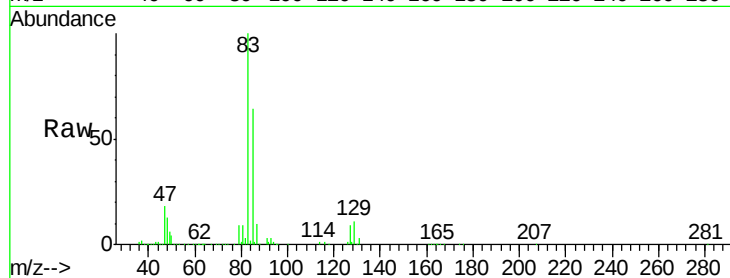
Tot Ion: 83 Resp: 1314018

Ion Ratio Lower Upper

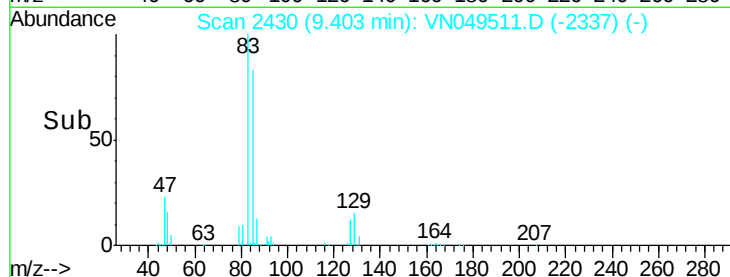
83 100

85 64.2 49.4 74.0

127 9.3 6.3 9.5

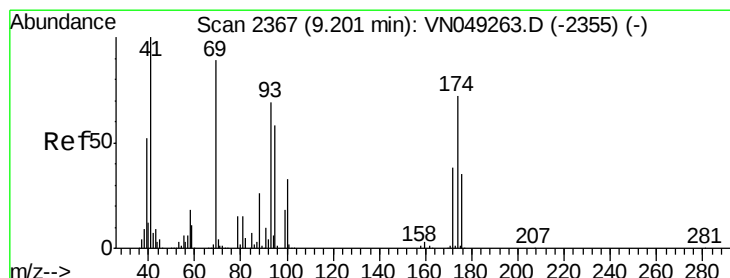
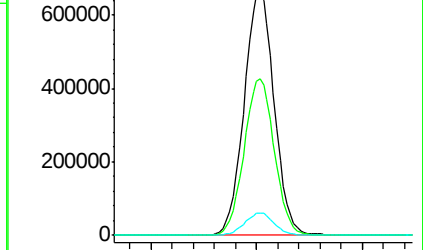


Abundance Ion 82.90 (82.60 to 83.60): VN049511.D (-2337) (-)



Ion 84.90 (84.60 to 85.60): VN049511.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049511.D (-2337) (-)



#48

Methyl methacrylate

Concen: 52.13 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

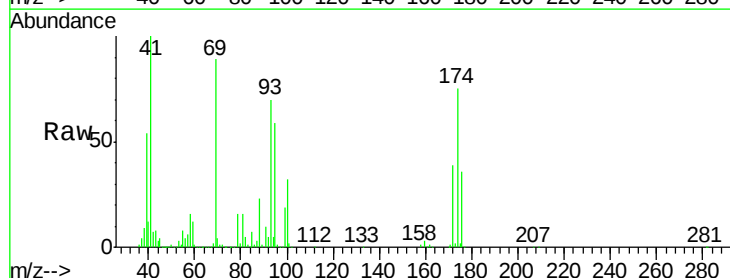
Tgt Ion: 41 Resp: 662242

Ion Ratio Lower Upper

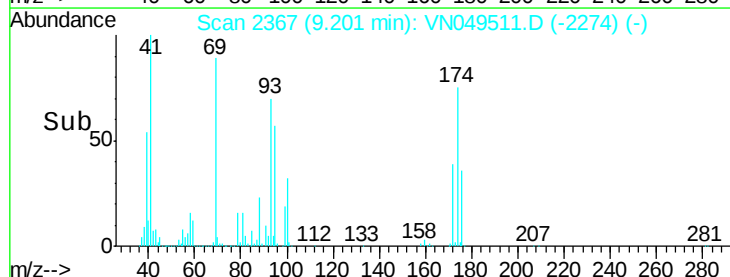
41 100

69 89.5 62.0 93.0

39 54.0 50.6 75.8

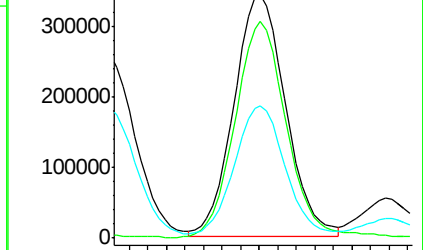


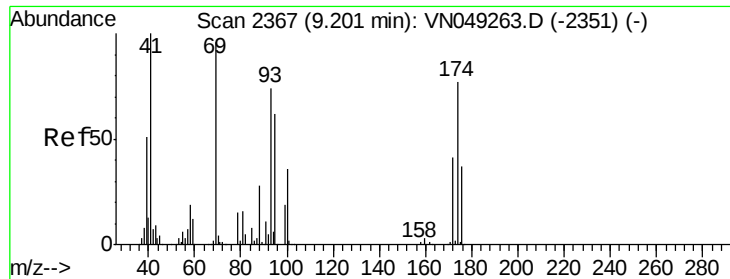
Abundance Ion 41.00 (40.70 to 41.70): VN049511.D (-2274) (-)



Ion 69.00 (68.70 to 69.70): VN049511.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049511.D (-2274) (-)

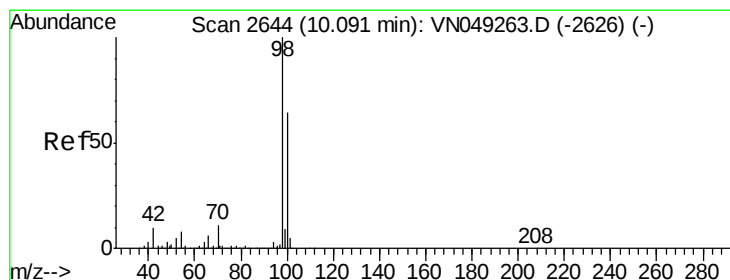
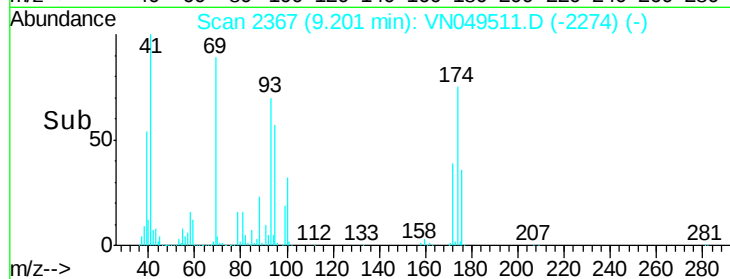
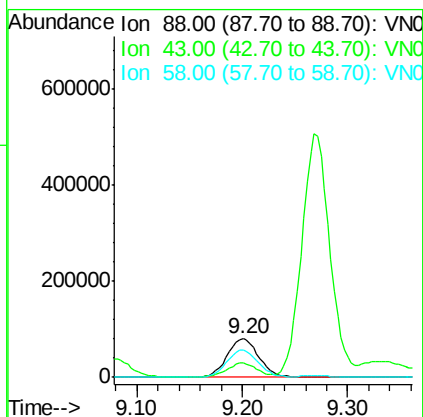
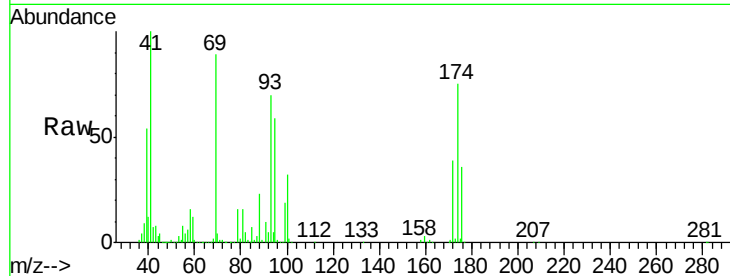




#49
1,4-Dioxane
Concen: 965.03 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

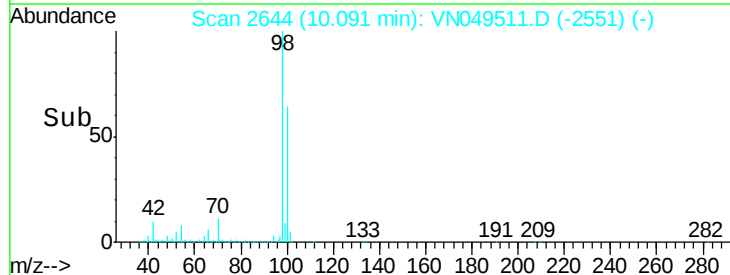
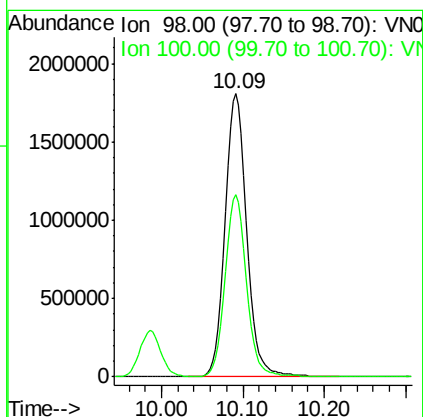
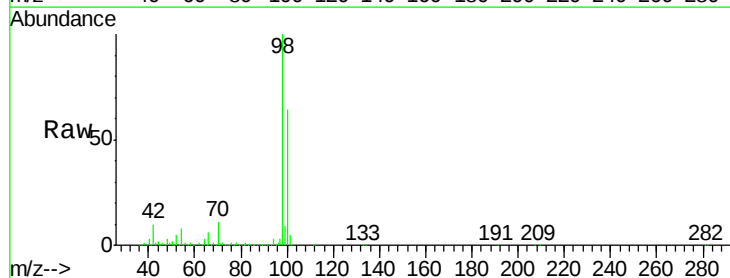
Instrument :
MSVOA_N
ClientSampleId :
BFB

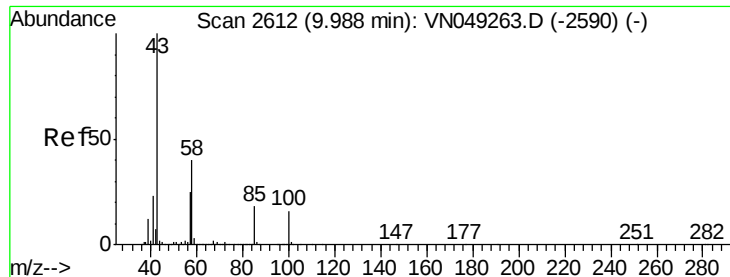
Tot Ion: 88 Resp: 169191
Ion Ratio Lower Upper
88 100
43 32.6 30.9 46.3
58 69.7 58.9 88.3



#50
Toluene-d8
Concen: 48.86 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion: 98 Resp: 3410880
Ion Ratio Lower Upper
98 100
100 63.9 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 246.91 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

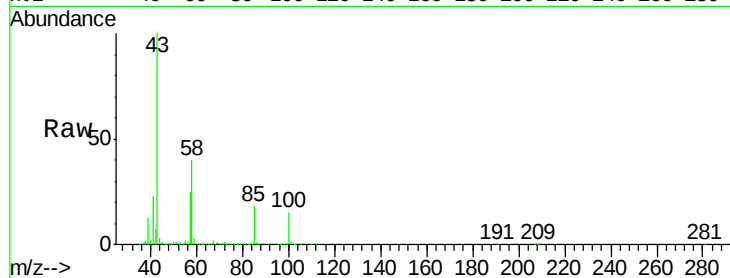
BFB

Tot Ion: 43 Resp: 3490696

Ion Ratio Lower Upper

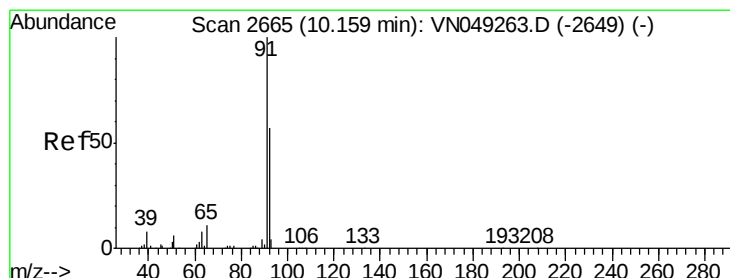
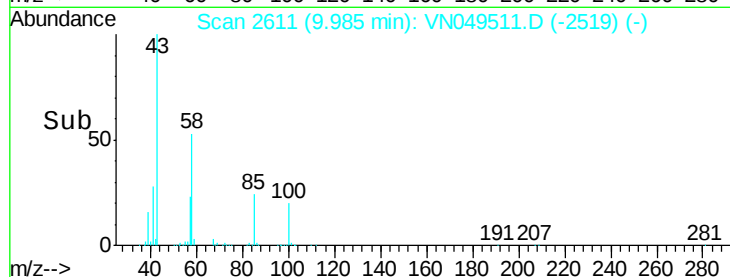
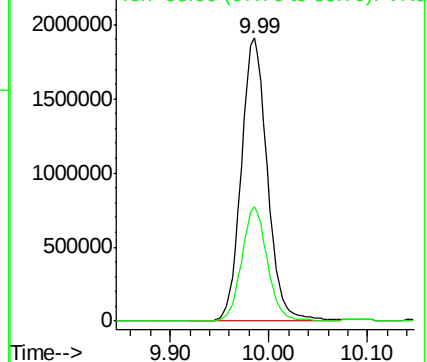
43 100

58 39.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)



#52

Toluene

Concen: 52.09 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049511.D

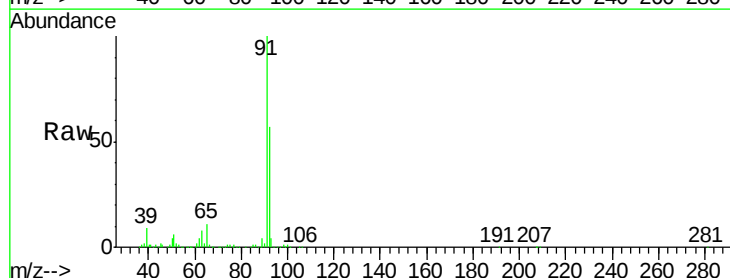
Acq: 25 Jun 2018 13:15

Tgt Ion: 92 Resp: 2433958

Ion Ratio Lower Upper

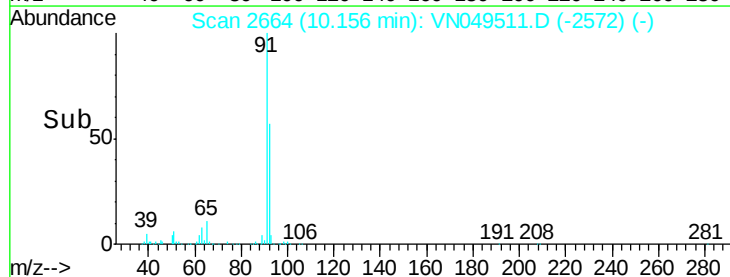
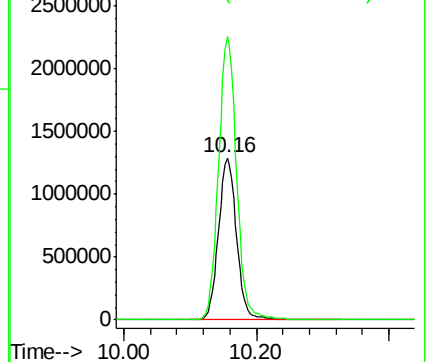
92 100

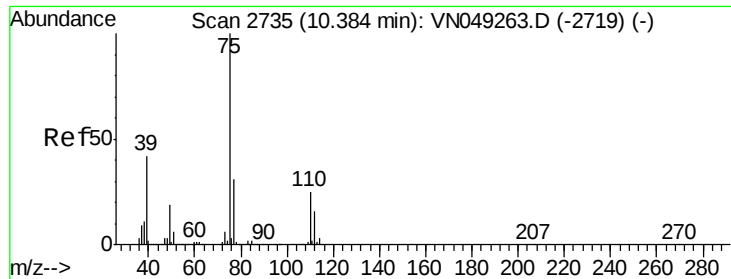
91 174.9 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN049263.D (-2649) (-)

Ion 91.00 (90.70 to 91.70): VN049263.D (-2649) (-)





#53

t-1,3-Dichloropropene

Concen: 51.71 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

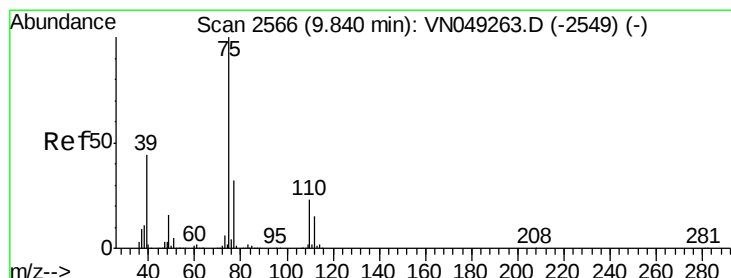
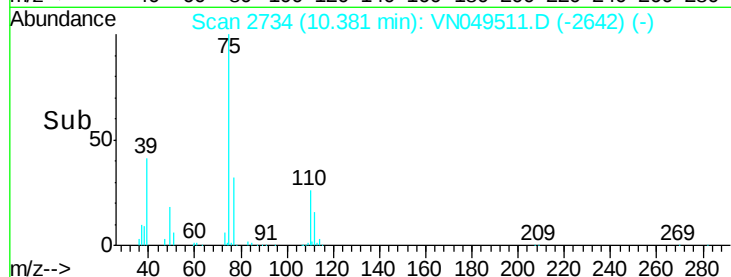
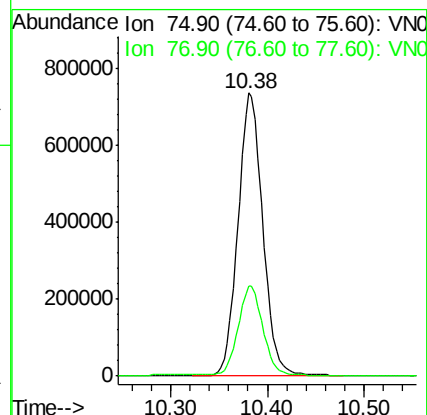
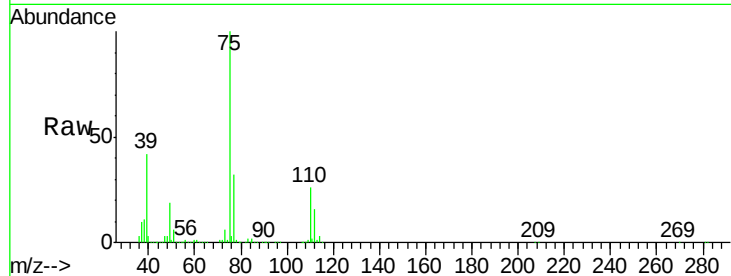
BFB

Tot Ion: 75 Resp: 1314026

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.49 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

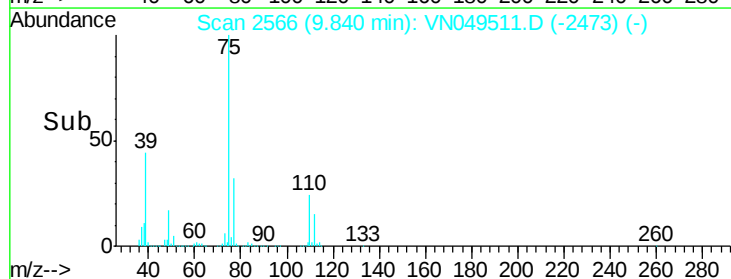
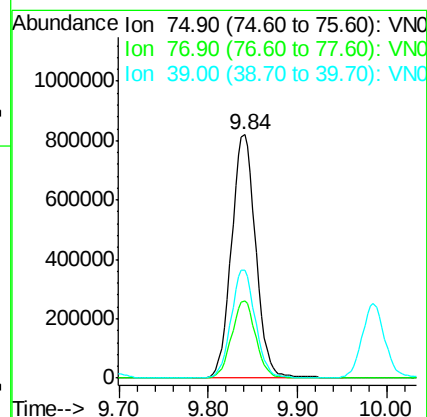
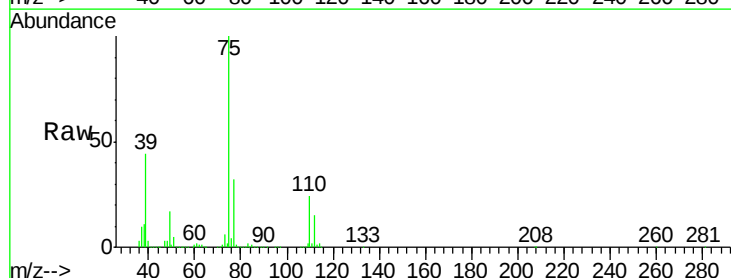
Tgt Ion: 75 Resp: 1545053

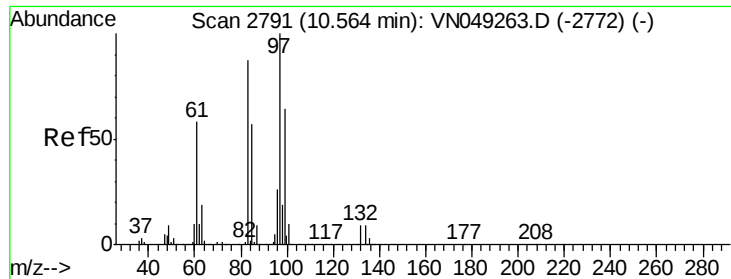
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 44.2 45.1 67.7#

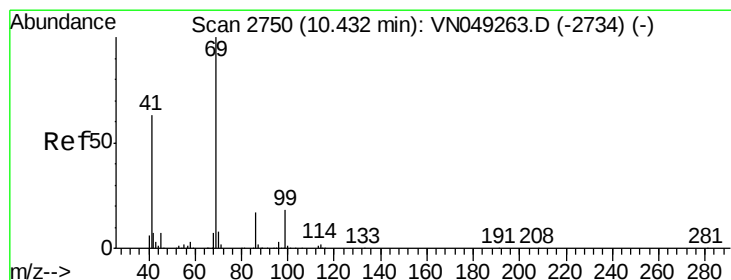
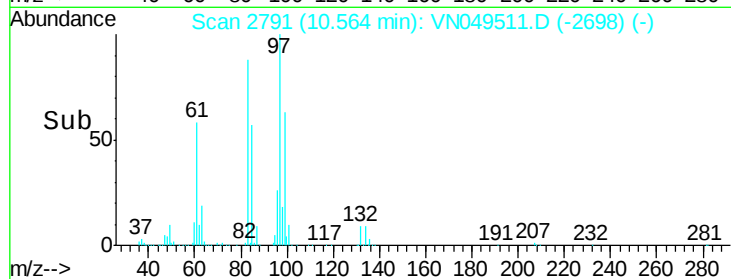
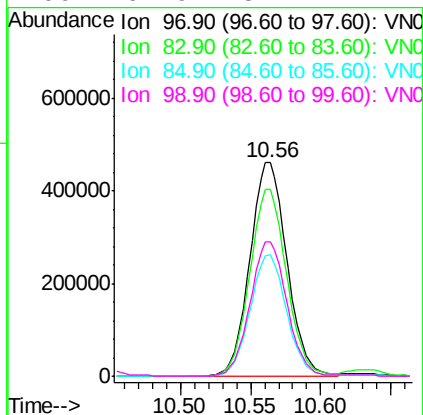
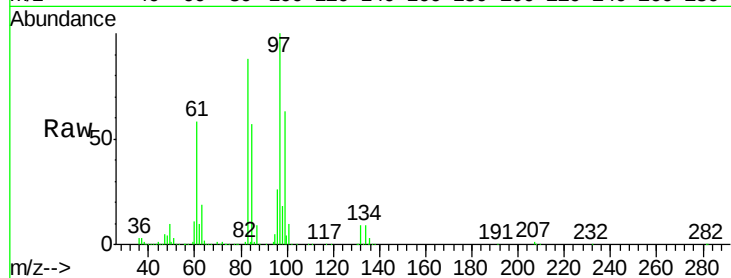




#55
 1,1,2-Trichloroethane
 Concen: 48.56 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

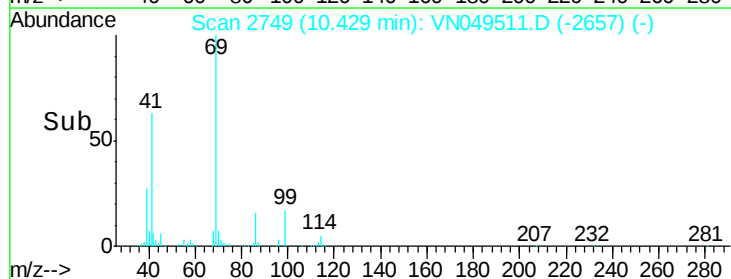
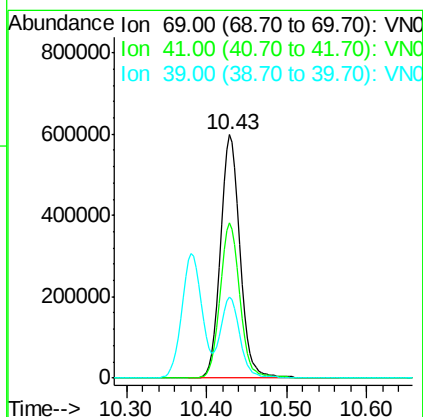
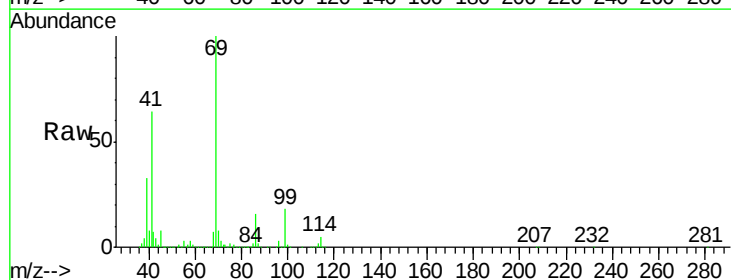
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion:	97	Resp:	845857
Ion	Ratio	Lower	Upper
97	100		
83	87.6	71.5	107.3
85	56.6	47.0	70.4
99	62.9	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 50.64 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

Tgt Ion:	69	Resp:	1017819
Ion	Ratio	Lower	Upper
69	100		
41	63.6	58.4	87.6
39	32.0	35.5	53.3#

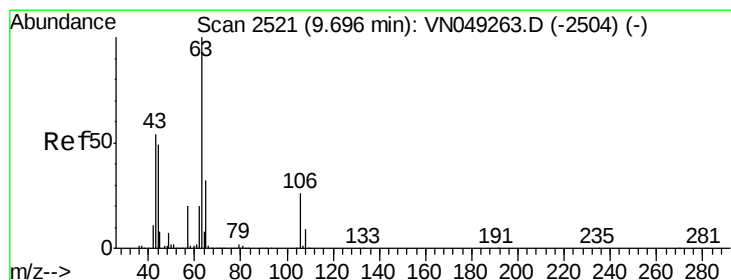
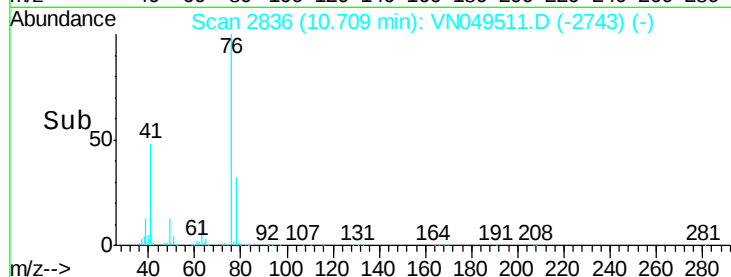
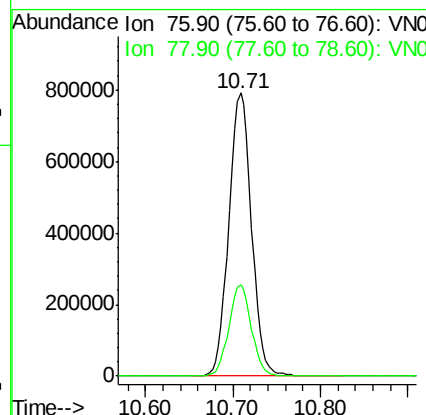
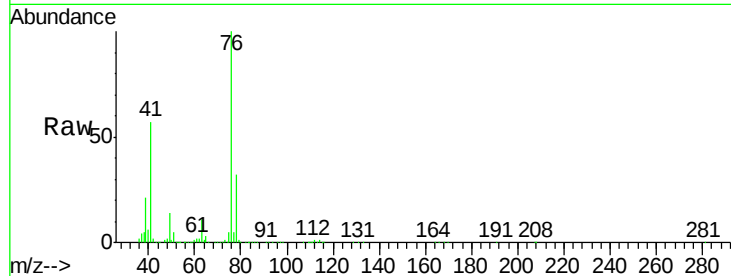




#57
 1,3-Dichloropropane
 Concen: 49.48 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

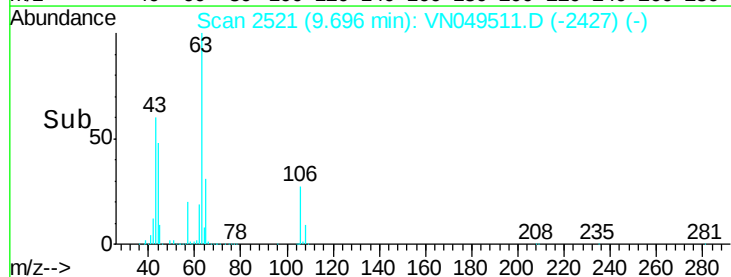
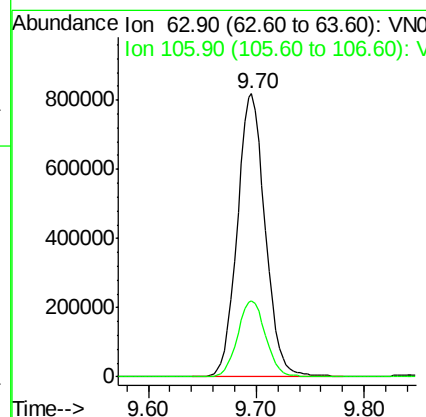
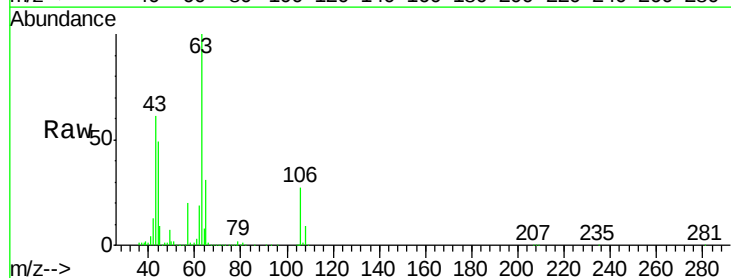
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

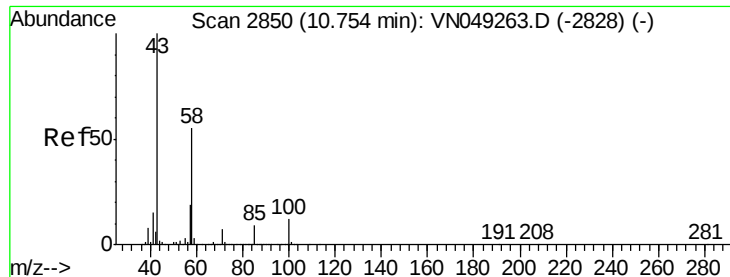
Tot Ion: 76 Resp: 1427952
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 208.30 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

Tgt Ion: 63 Resp: 1478429
 Ion Ratio Lower Upper
 63 100
 106 27.2 19.4 29.2

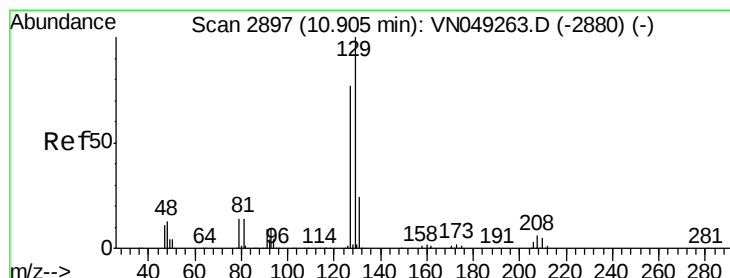
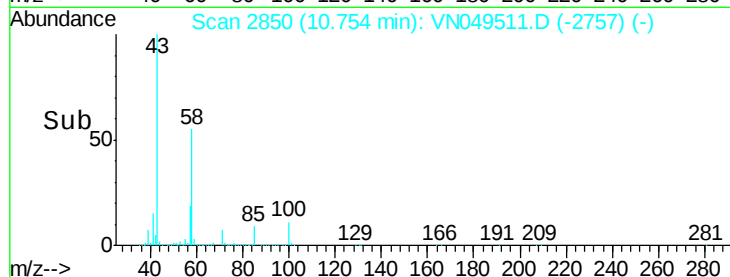
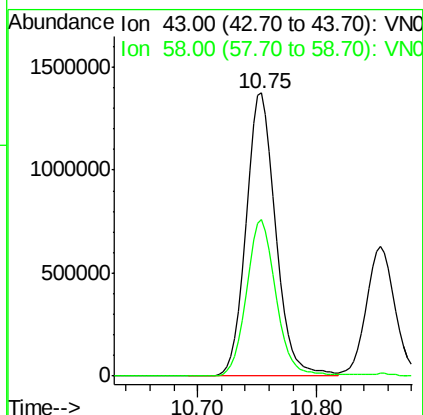
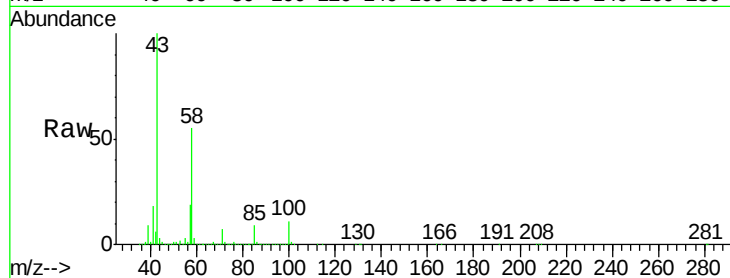




#59
2-Hexanone
Concen: 259.89 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

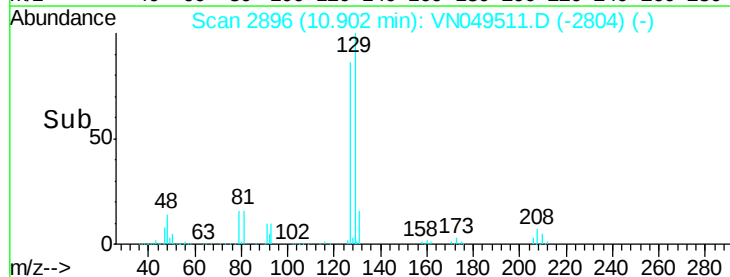
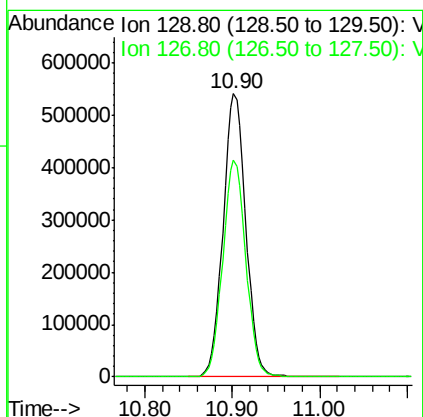
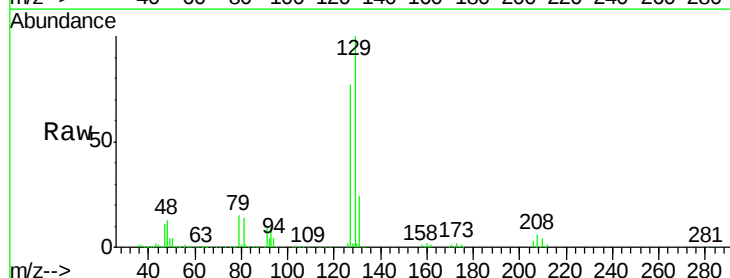
Instrument :
MSVOA_N
ClientSampleId :
BFB

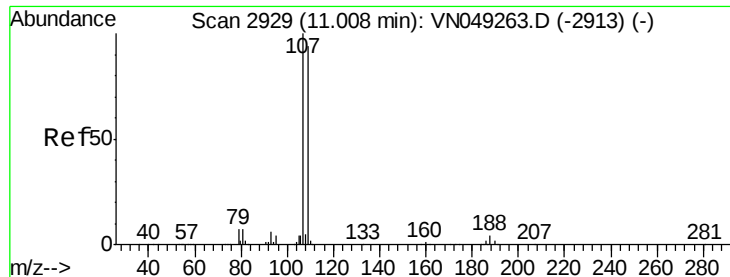
Tot Ion: 43 Resp: 2368836
Ion Ratio Lower Upper
43 100
58 55.3 25.2 75.6



#60
Dibromochloromethane
Concen: 50.31 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion: 129 Resp: 978110
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

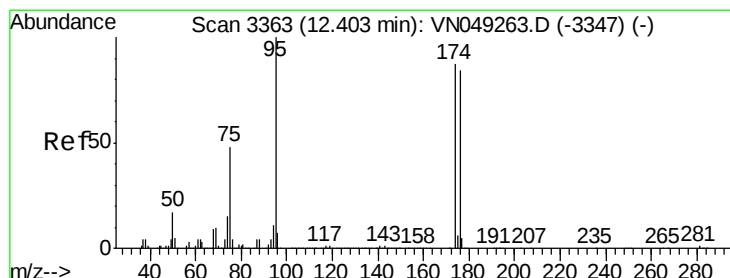
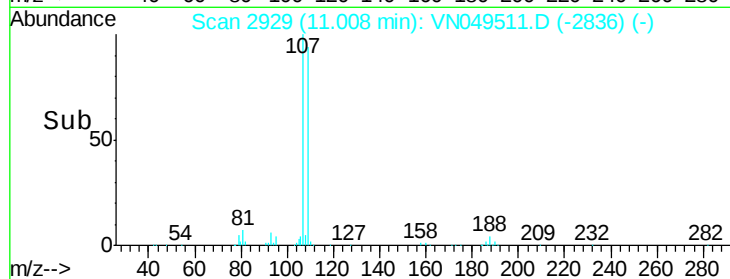
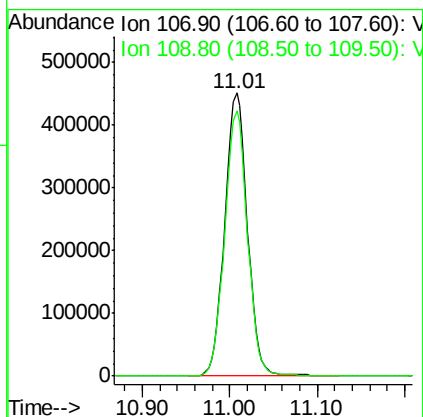
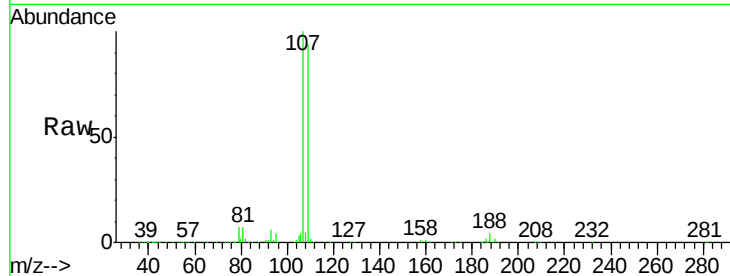




#61
 1,2-Dibromoethane
 Concen: 50.27 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

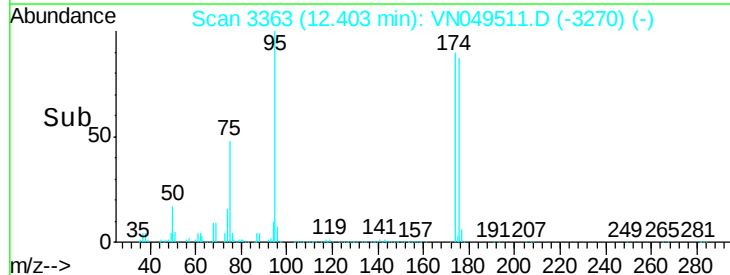
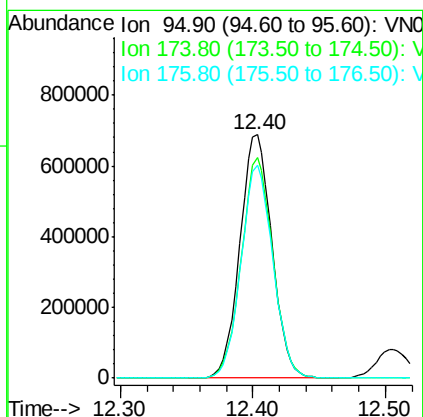
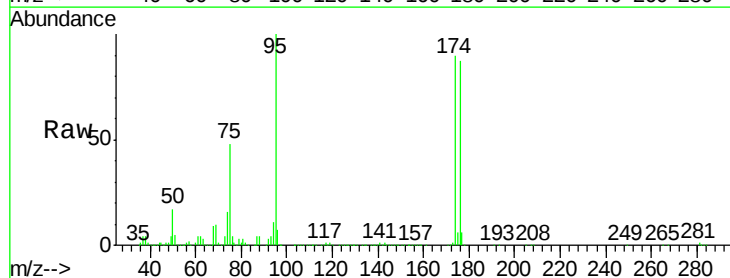
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tot Ion: 107 Resp: 813939
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.97 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

Tgt Ion: 95 Resp: 1153419
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 165.6
 176 87.0 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

BFB

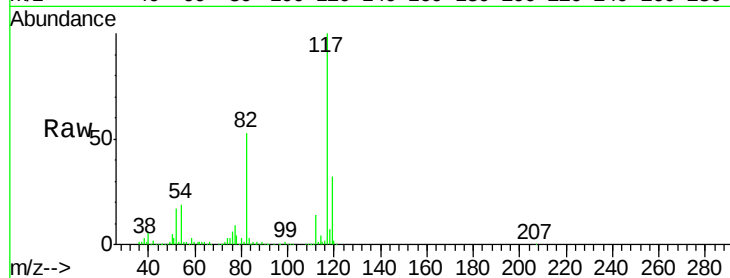
Tot Ion:117 Resp: 2079397

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

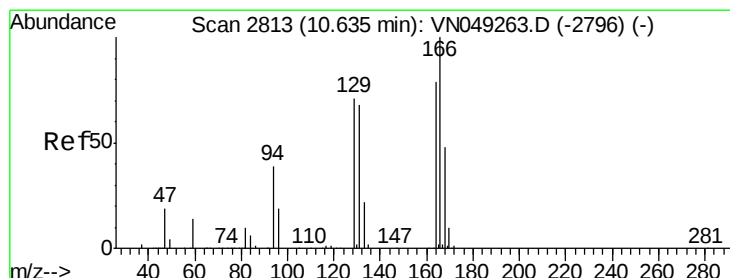
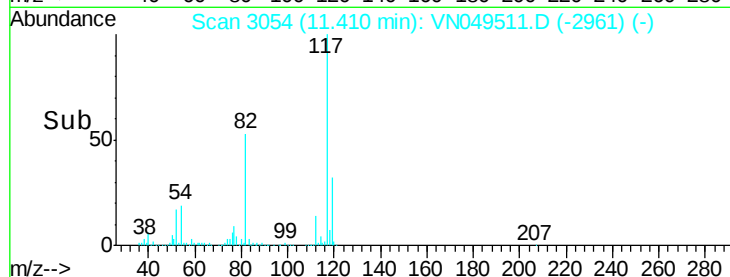
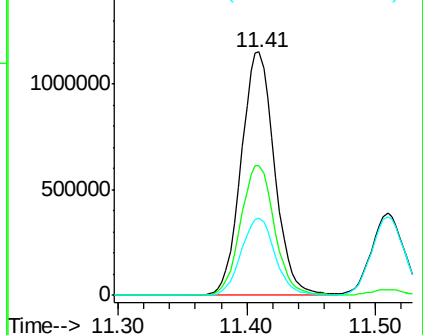
119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 54.87 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Tgt Ion:164 Resp: 1169137

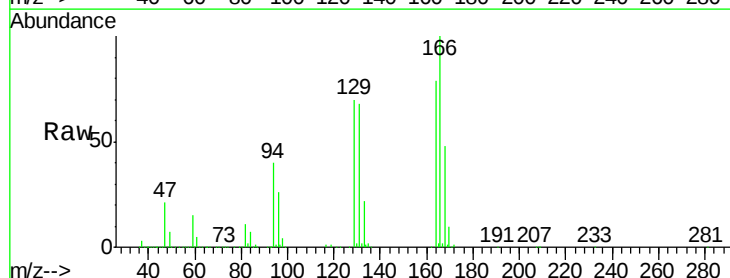
Ion Ratio Lower Upper

164 100

166 126.9 101.4 152.2

129 89.3 74.1 111.1

131 86.4 73.7 110.5

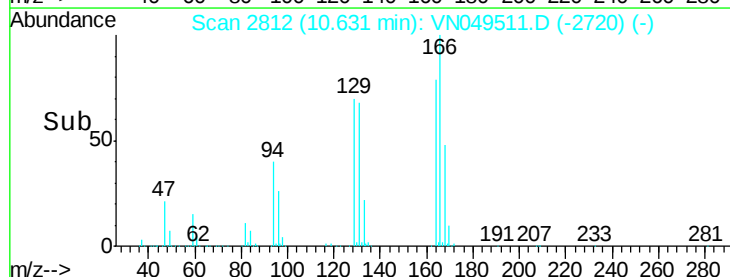
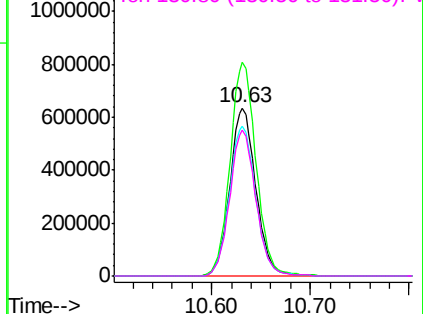


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.97 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

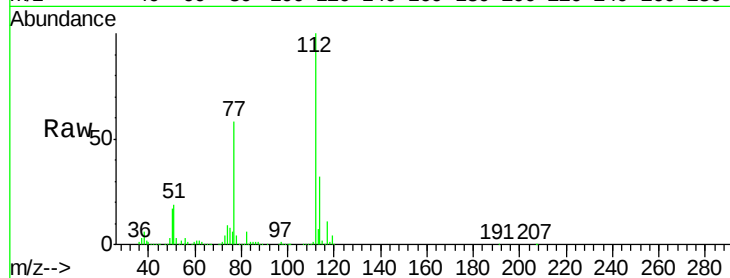
BFB

Tot Ion:112 Resp: 2676996

Ion Ratio Lower Upper

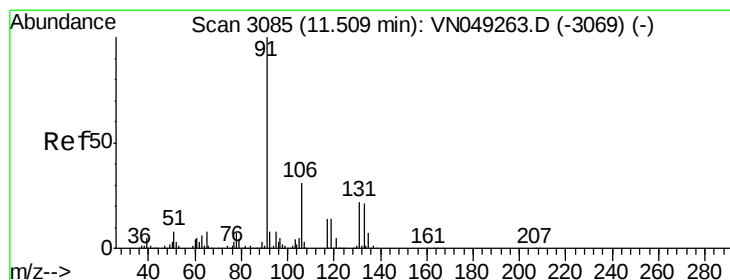
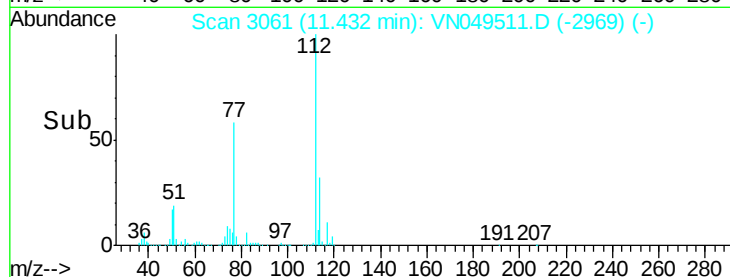
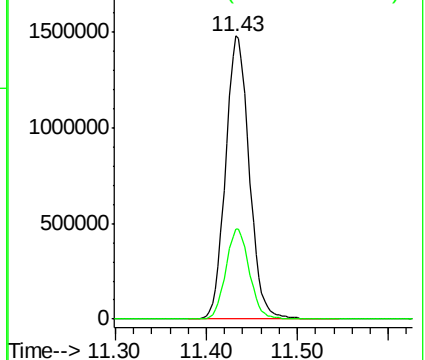
112 100

114 31.7 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.42 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

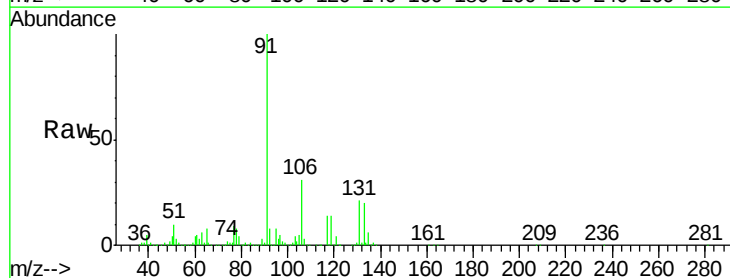
Tgt Ion:131 Resp: 996218

Ion Ratio Lower Upper

131 100

133 95.1 48.0 144.2

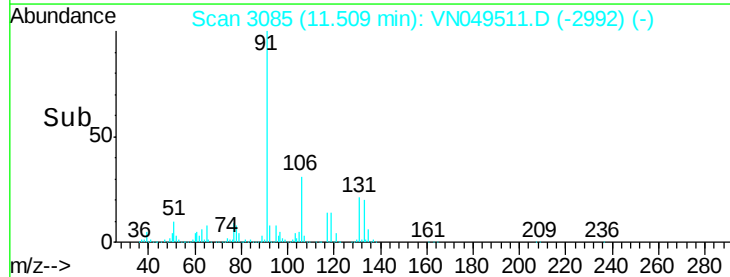
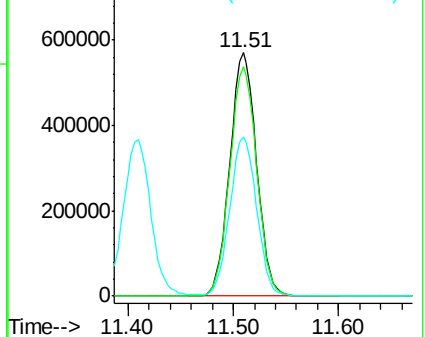
119 66.1 33.6 100.8

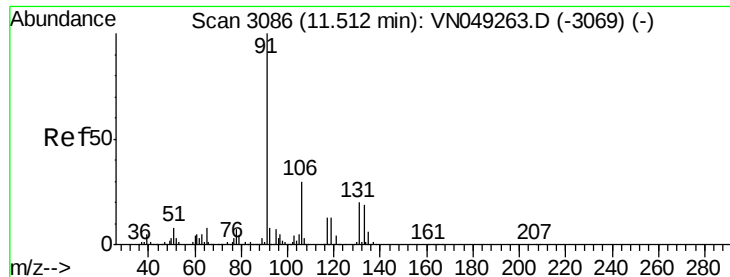


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

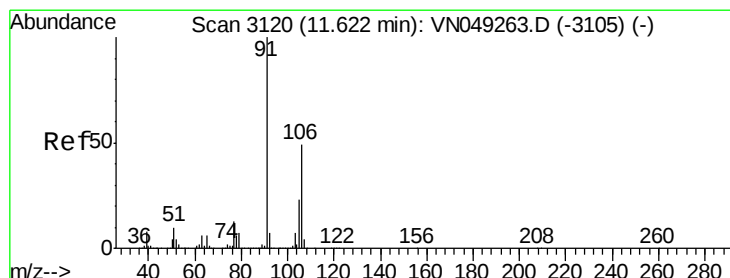
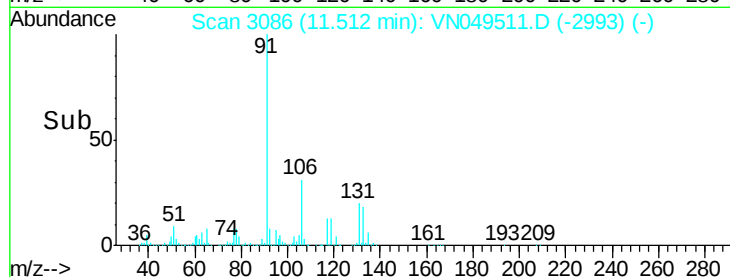
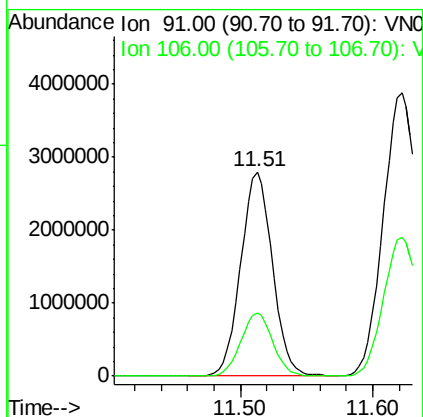
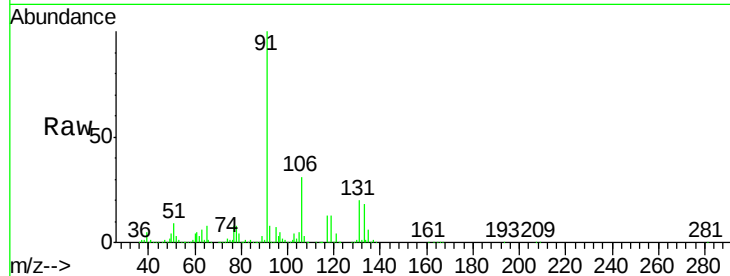




#67
Ethyl Benzene
Concen: 52.34 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

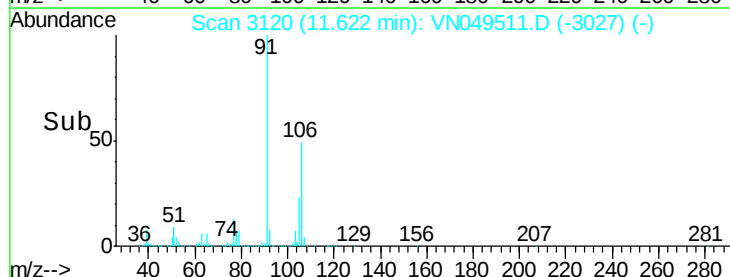
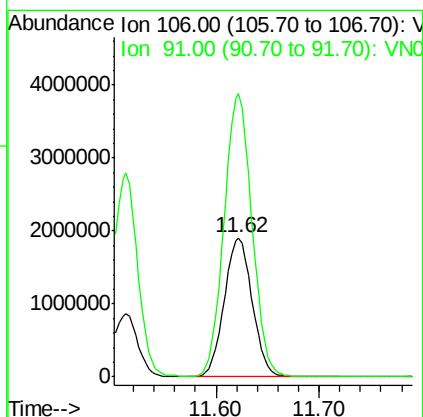
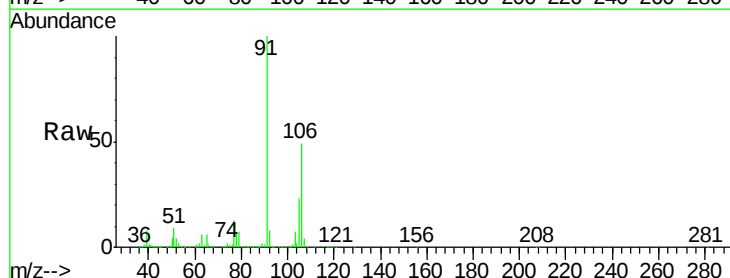
Instrument :
MSVOA_N
ClientSampled :
BFB

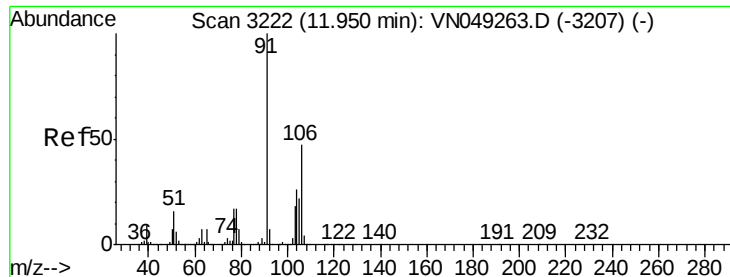
Tot Ion: 91 Resp: 4650373
Ion Ratio Lower Upper
91 100
106 31.1 23.9 35.9



#68
m/p-Xylenes
Concen: 107.96 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion: 106 Resp: 3599995
Ion Ratio Lower Upper
106 100
91 203.2 167.3 250.9

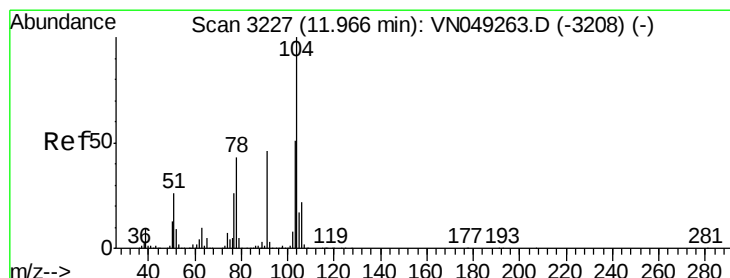
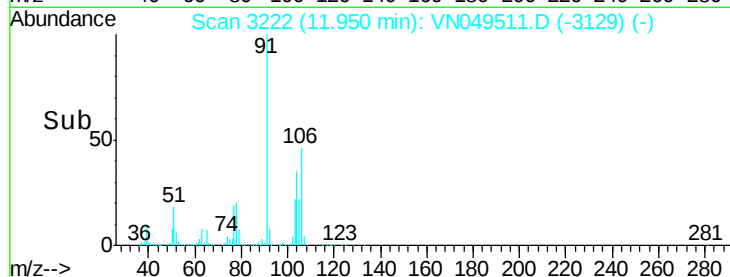
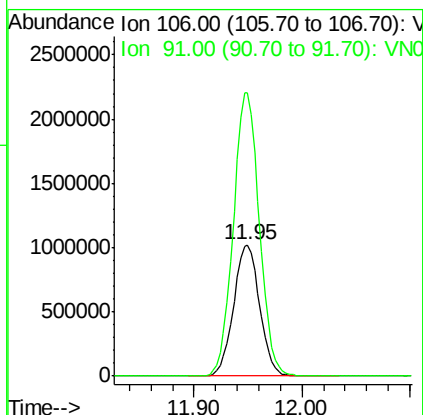
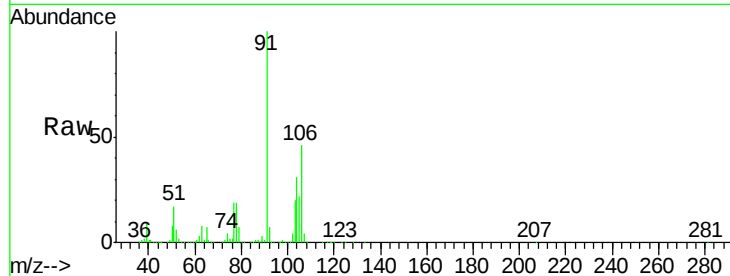




#69
o-Xylene
Concen: 53.34 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

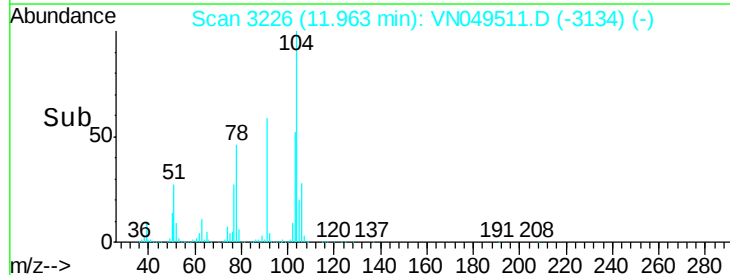
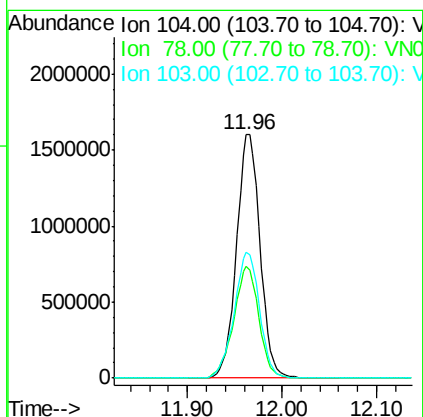
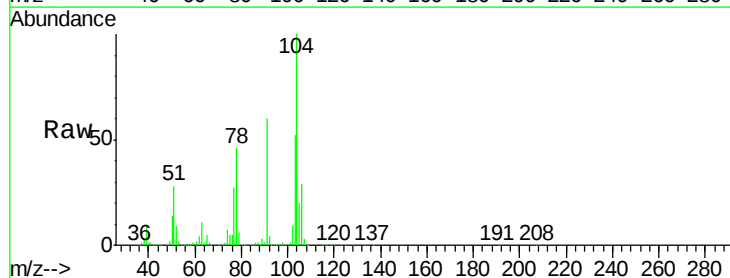
Instrument :
MSVOA_N
ClientSampled :
BFB

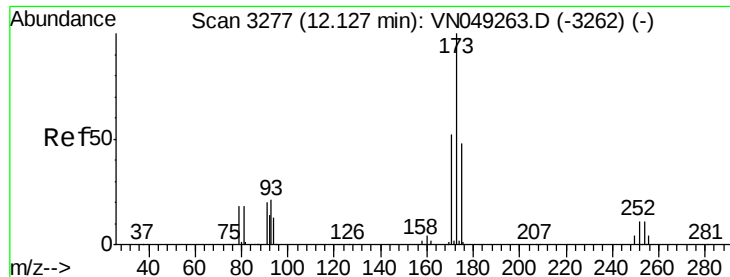
Tot Ion:106 Resp: 1713201
Ion Ratio Lower Upper
106 100
91 215.6 111.0 333.0



#70
Styrene
Concen: 54.67 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion:104 Resp: 2770113
Ion Ratio Lower Upper
104 100
78 48.9 41.6 62.4
103 55.9 45.4 68.2





#71

Bromoform

Concen: 50.71 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

BFB

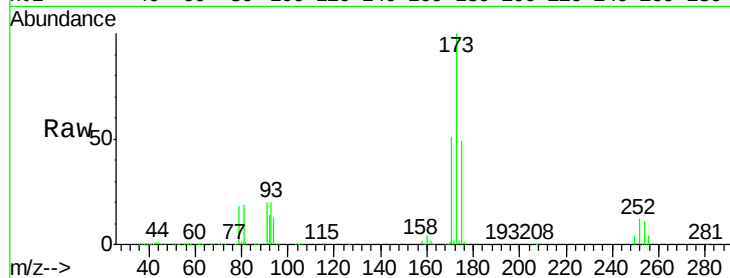
Tot Ion:173 Resp: 661695

Ion Ratio Lower Upper

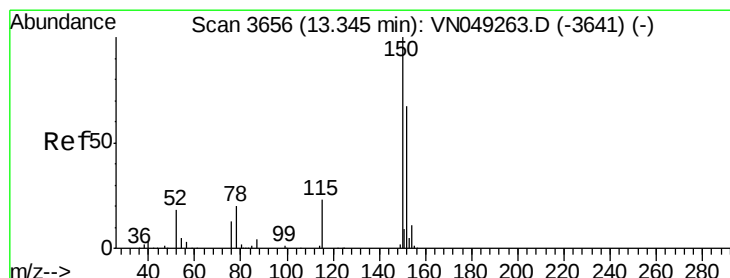
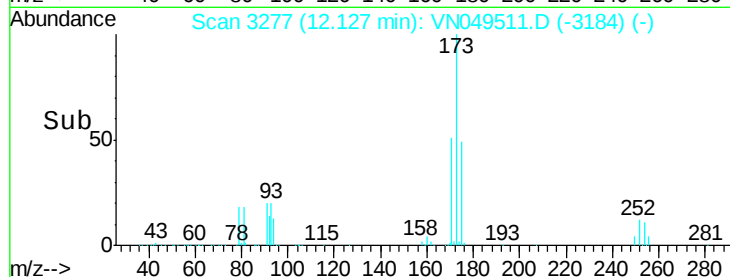
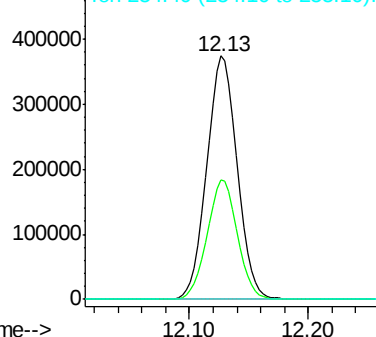
173 100

175 48.7 24.5 73.5

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

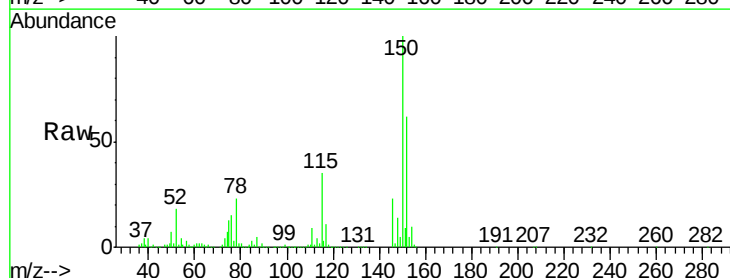
Tgt Ion:152 Resp: 1090626

Ion Ratio Lower Upper

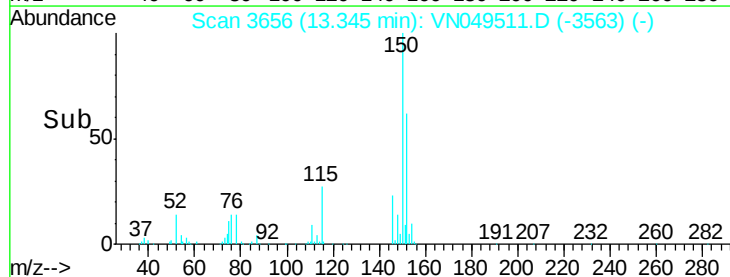
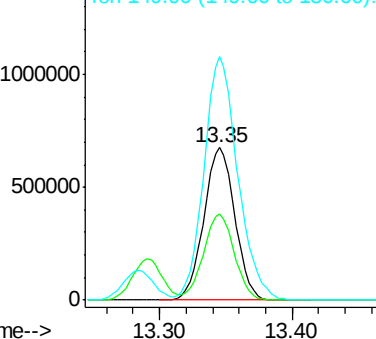
152 100

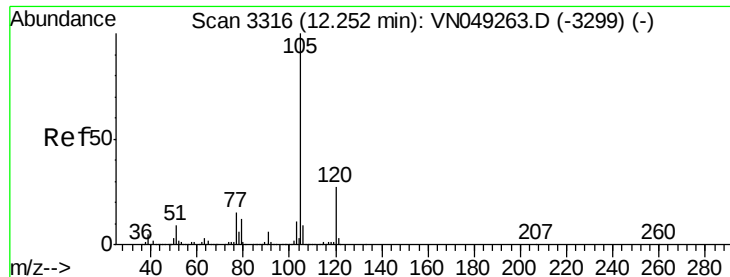
115 55.9 28.7 86.1

150 174.7 0.0 351.0



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: 48.34 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

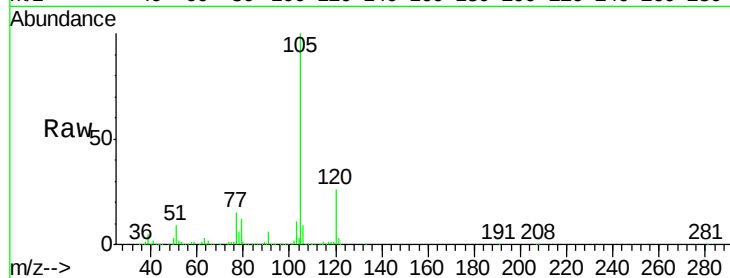
BFB

Tot Ion:105 Resp: 4629354

Ion Ratio Lower Upper

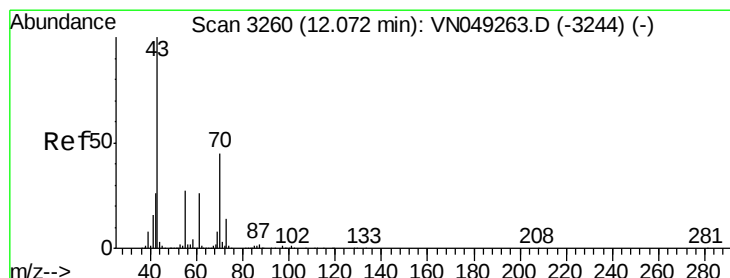
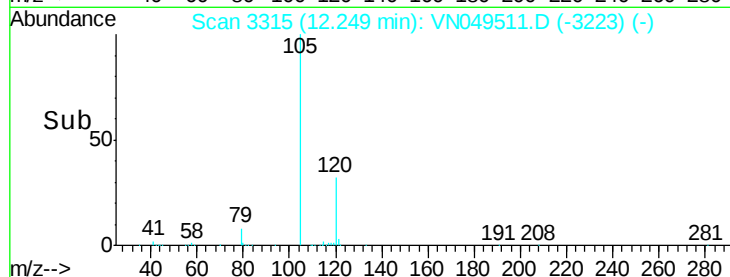
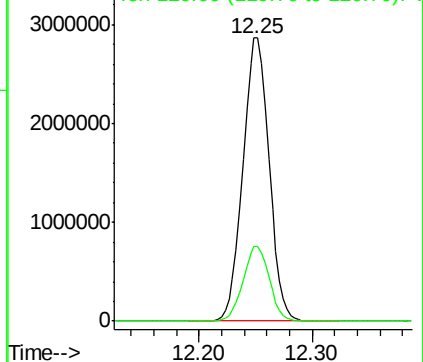
105 100

120 26.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.37 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Tgt Ion: 43 Resp: 1087564

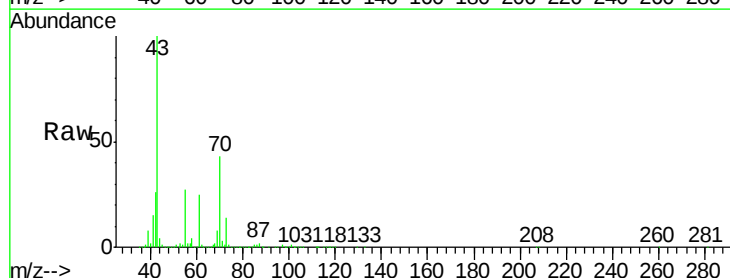
Ion Ratio Lower Upper

43 100

70 43.8 30.3 45.5

55 26.7 19.4 29.2

61 24.7 17.8 26.6

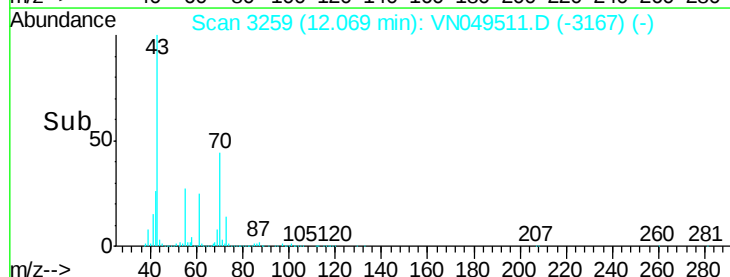
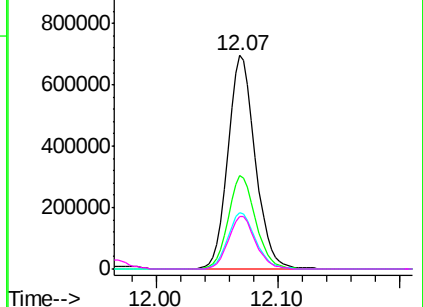


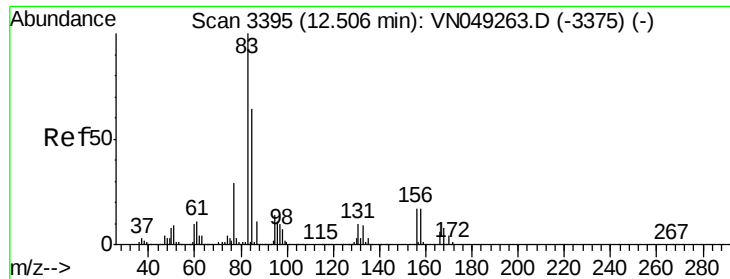
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.50 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

BFB

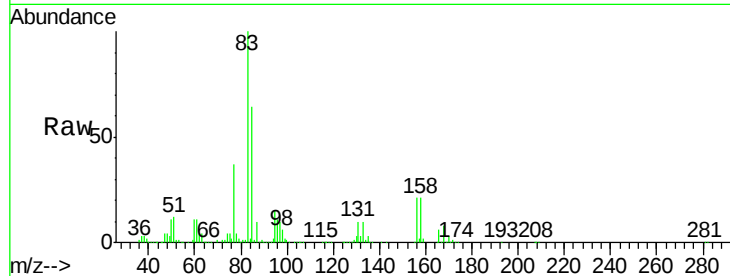
Tot Ion: 83 Resp: 919097

Ion Ratio Lower Upper

83 100

131 10.8 5.0 15.0

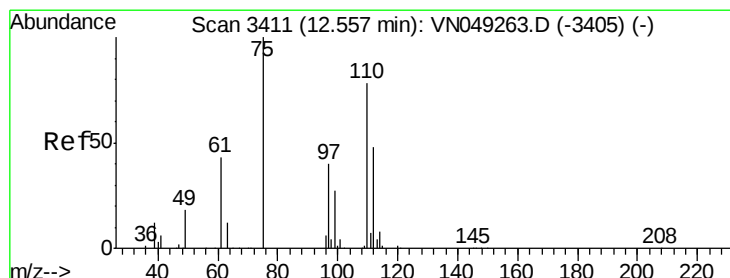
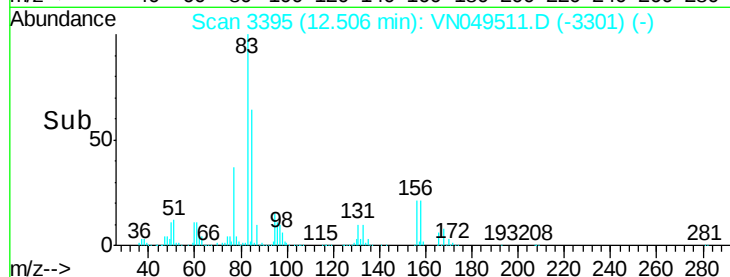
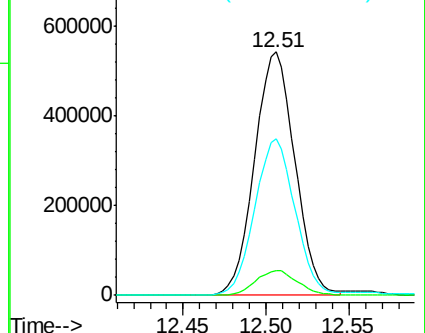
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN049511.D (-3301) (-)

Ion 130.80 (130.50 to 131.50): VN049511.D (-3301) (-)

Ion 84.90 (84.60 to 85.60): VN049511.D (-3301) (-)



#76

1,2,3-Trichloropropane

Concen: 65.60 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049511.D

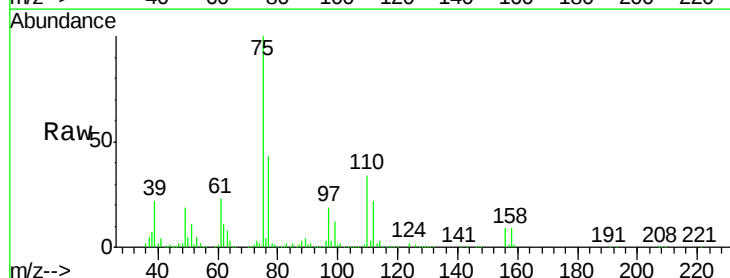
Acq: 25 Jun 2018 13:15

Tgt Ion: 75 Resp: 1220792

Ion Ratio Lower Upper

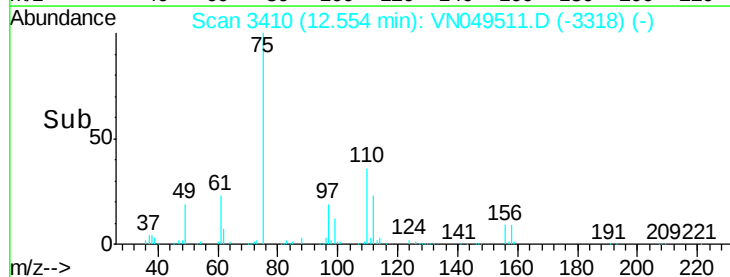
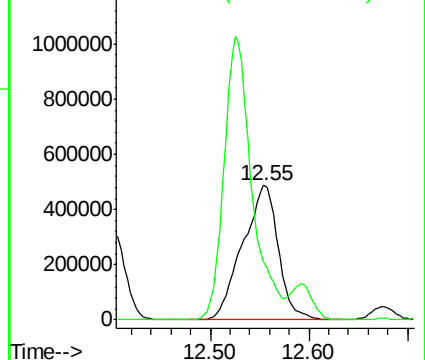
75 100

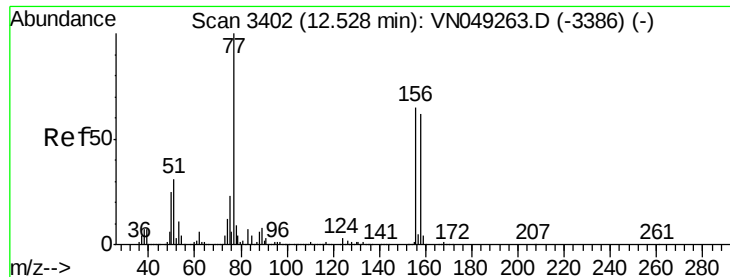
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049511.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049511.D (-3318) (-)





#77

Bromobenzene

Concen: 45.10 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

BFB

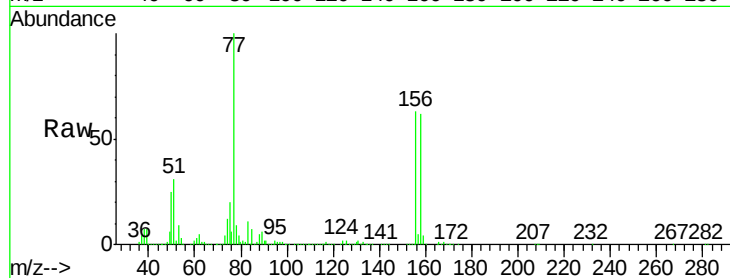
Tot Ion:156 Resp: 1140643

Ion Ratio Lower Upper

156 100

77 178.4 100.8 302.4

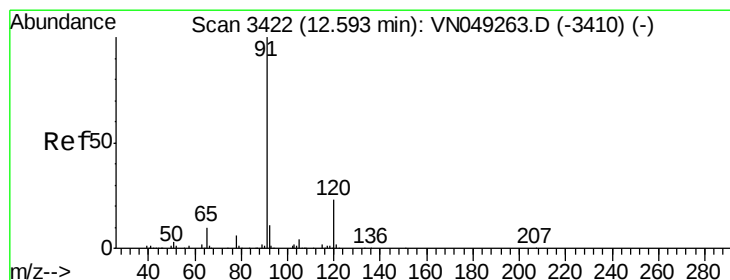
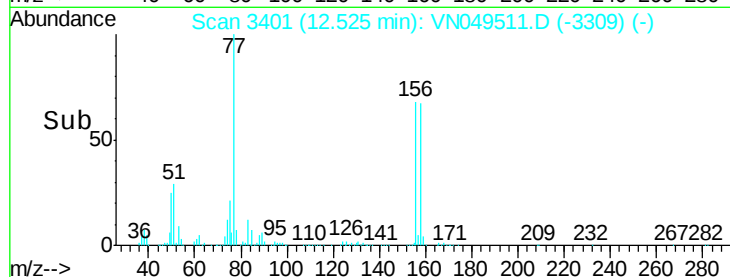
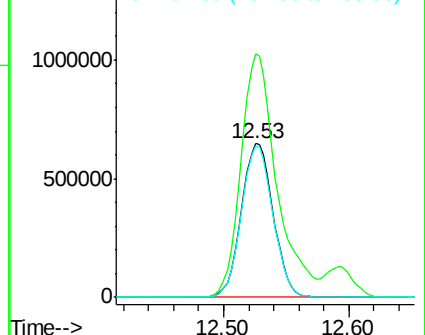
158 97.7 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.85 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049511.D

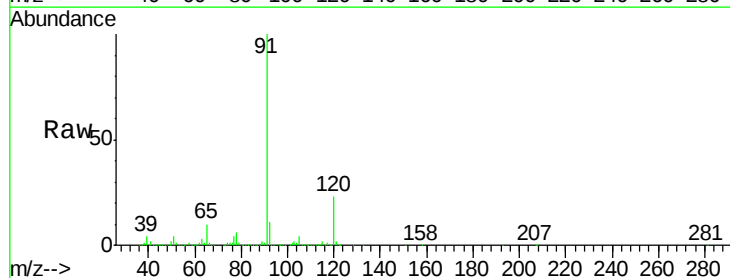
Acq: 25 Jun 2018 13:15

Tgt Ion: 91 Resp: 5346837

Ion Ratio Lower Upper

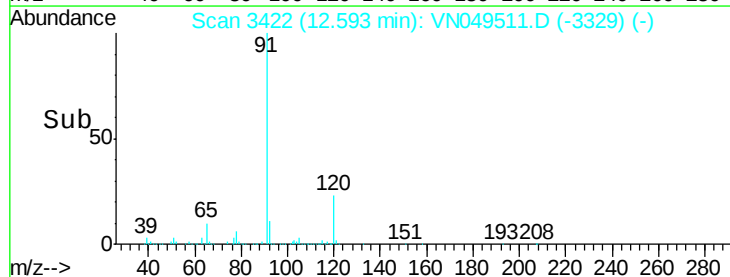
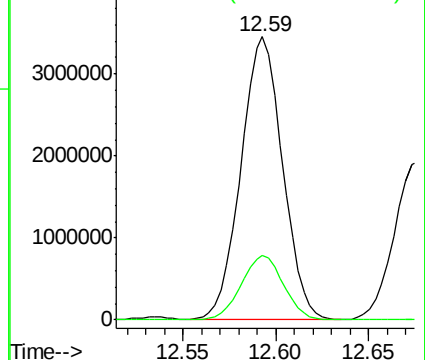
91 100

120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.10 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

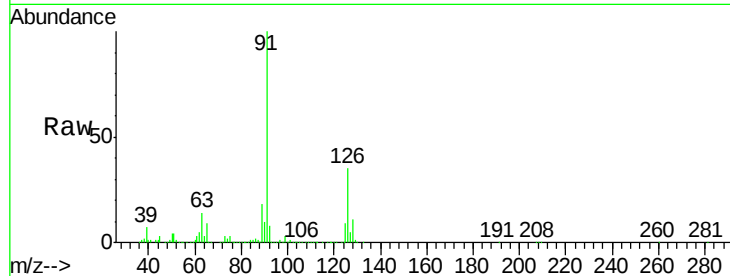
BFB

Tot Ion: 91 Resp: 3137652

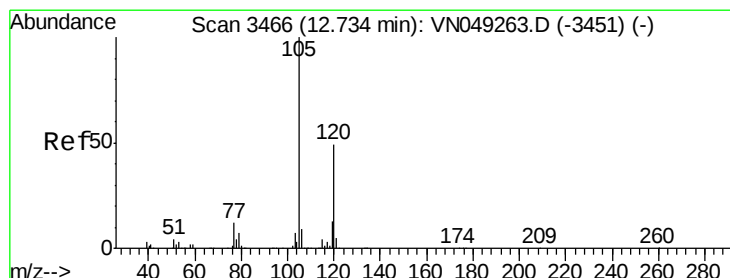
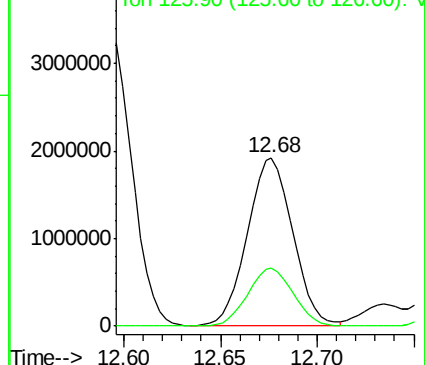
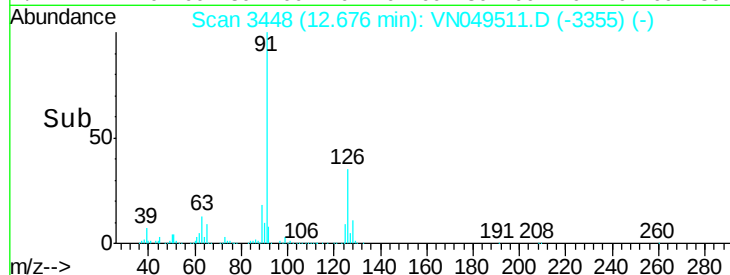
Ion Ratio Lower Upper

91 100

126 34.9 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049511.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.80 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049511.D

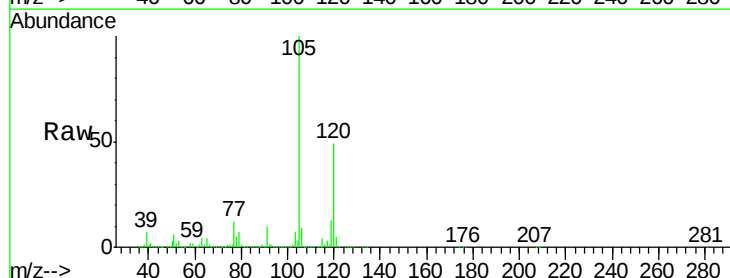
Acq: 25 Jun 2018 13:15

Tgt Ion:105 Resp: 3823505

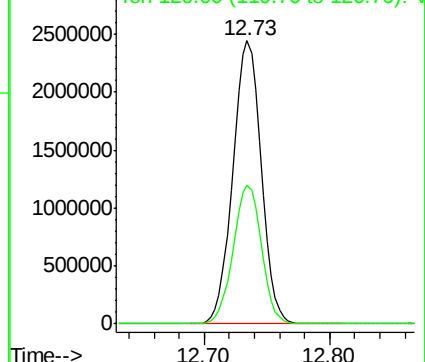
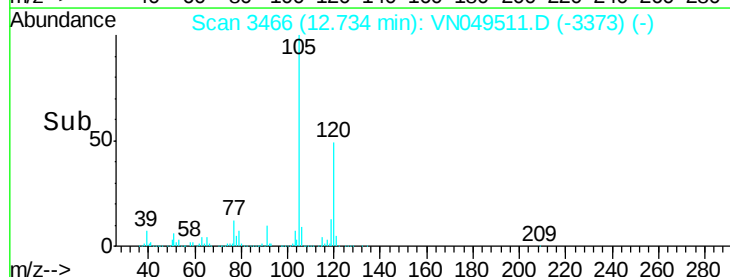
Ion Ratio Lower Upper

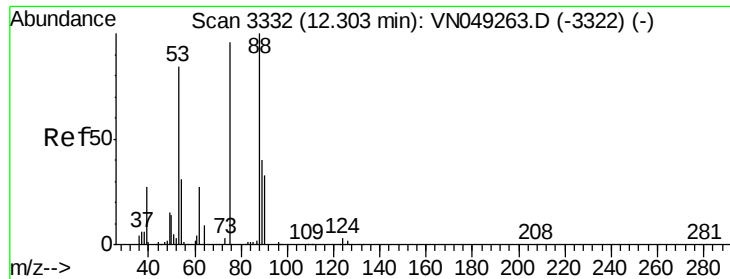
105 100

120 48.8 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049511.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.89 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

BFB

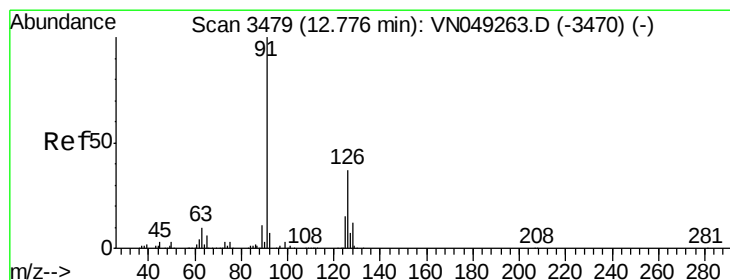
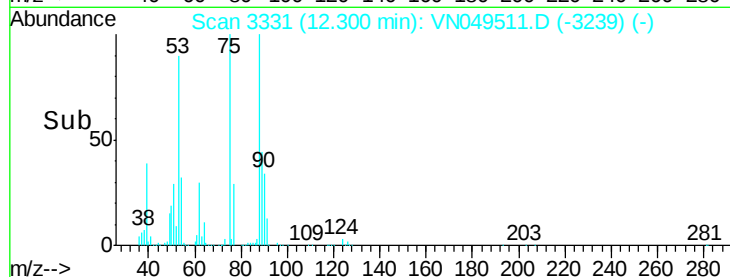
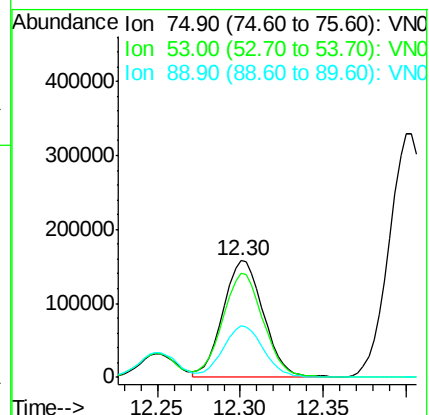
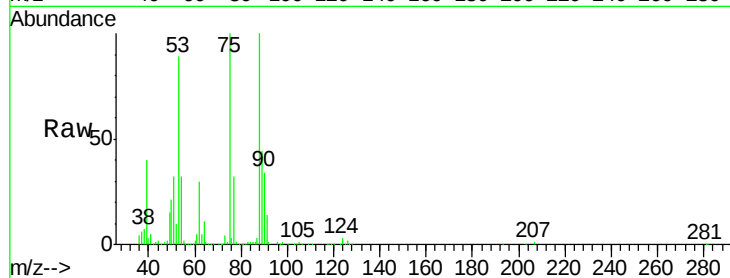
Tot Ion: 75 Resp: 264288

Ion Ratio Lower Upper

75 100

53 90.5 82.7 124.1

89 44.3 36.5 54.7



#82

4-Chlorotoluene

Concen: 49.33 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN049511.D

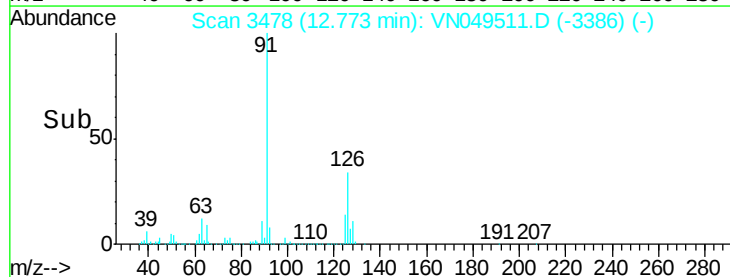
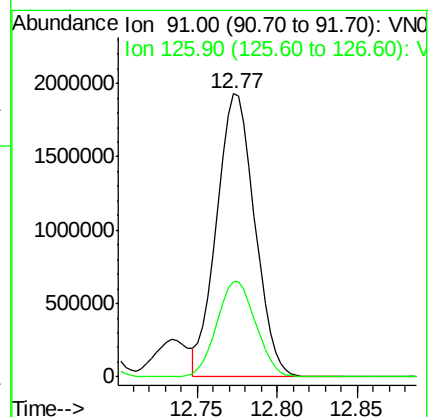
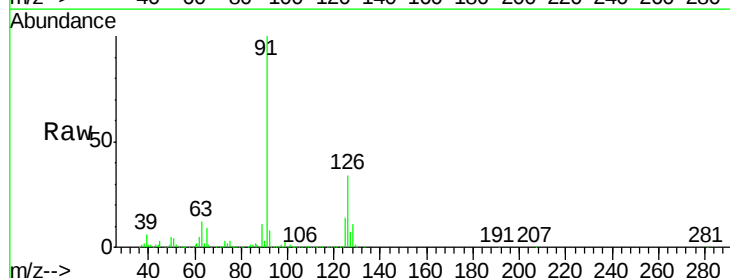
Acq: 25 Jun 2018 13:15

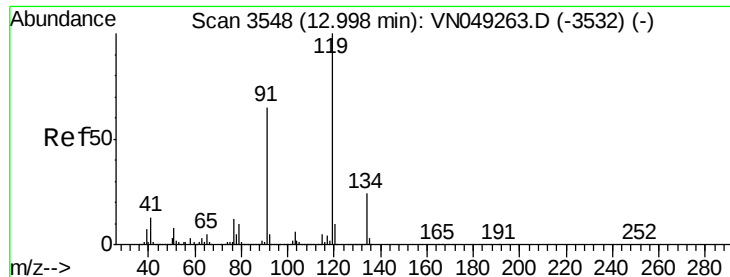
Tgt Ion: 91 Resp: 3170510

Ion Ratio Lower Upper

91 100

126 34.6 16.4 49.1





#83

tert-Butylbenzene

Concen: 48.11 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

BFB

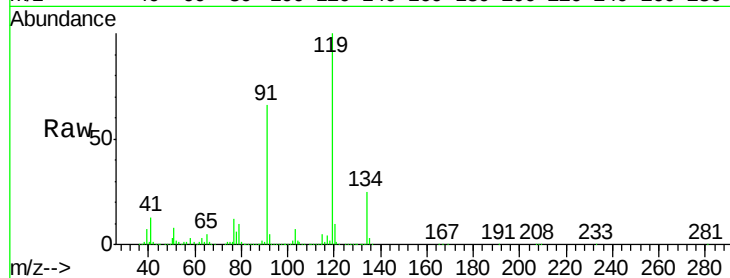
Tot Ion:119 Resp: 3208313

Ion Ratio Lower Upper

119 100

91 64.4 33.7 101.0

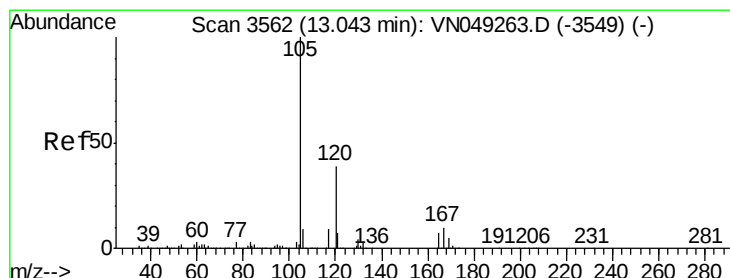
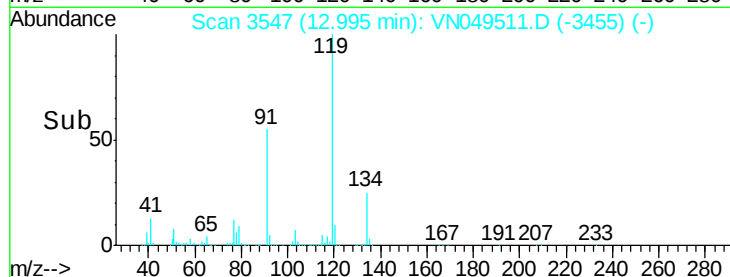
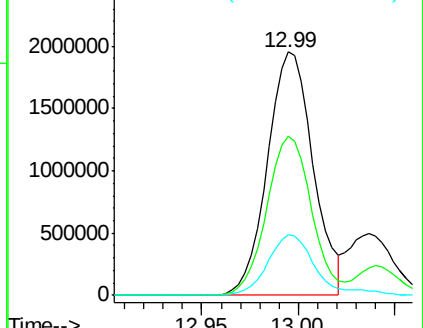
134 26.0 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.48 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049511.D

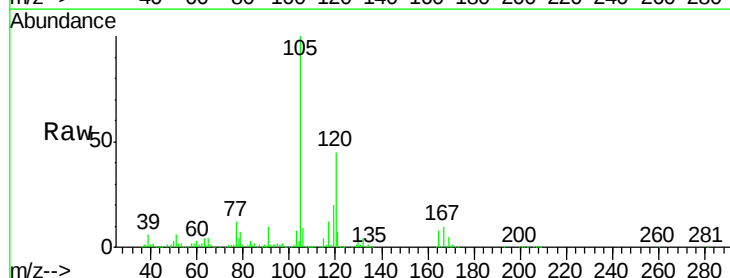
Acq: 25 Jun 2018 13:15

Tgt Ion:105 Resp: 3848921

Ion Ratio Lower Upper

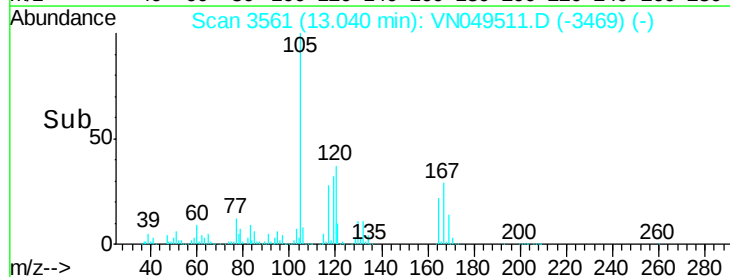
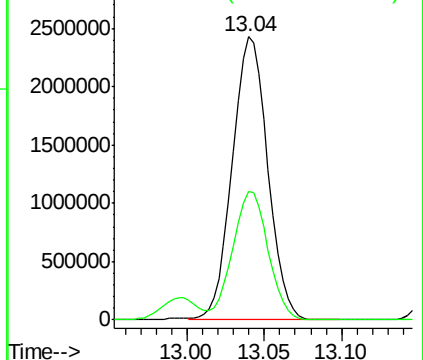
105 100

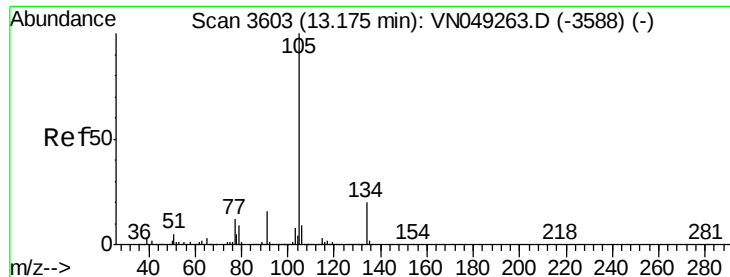
120 45.3 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.36 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampled :

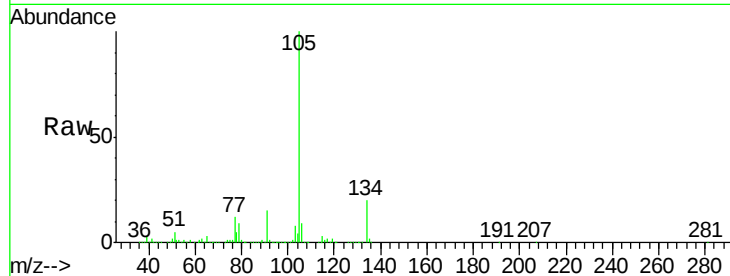
BFB

Tot Ion:105 Resp: 4380486

Ion Ratio Lower Upper

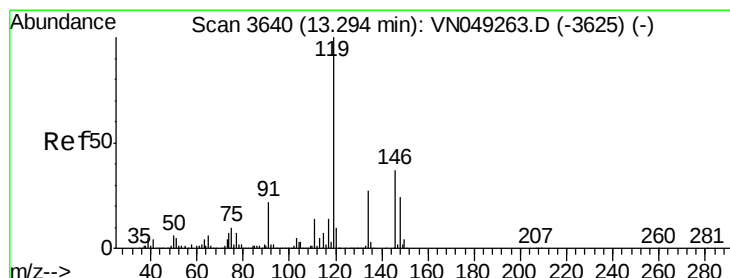
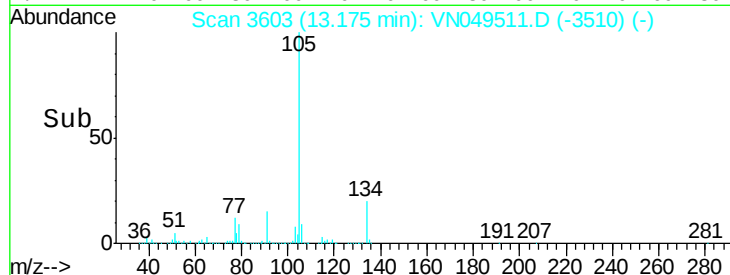
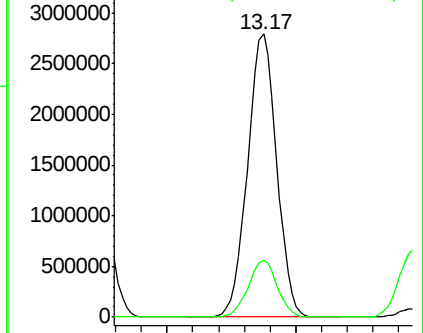
105 100

134 20.0 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.71 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

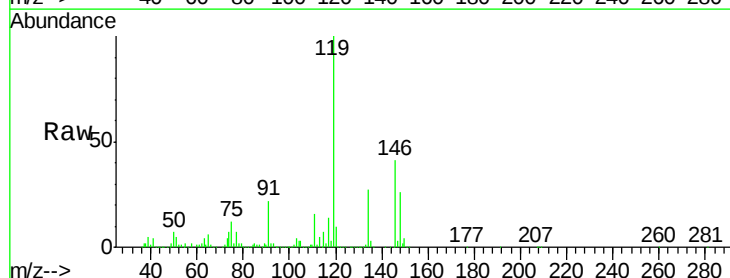
Tgt Ion:119 Resp: 3834383

Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.6

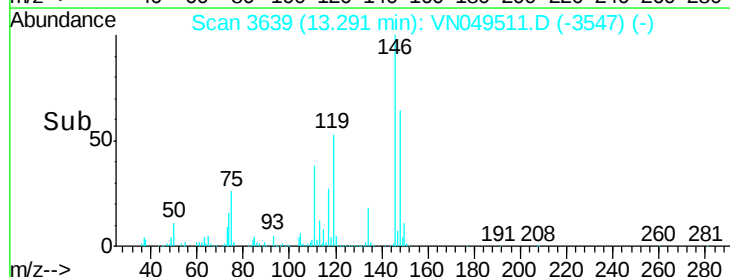
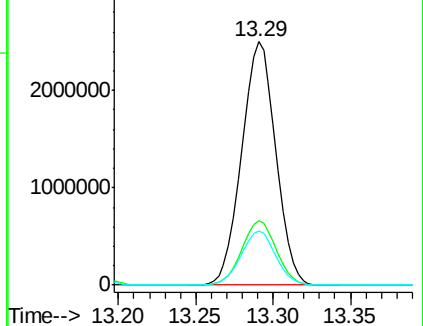
91 22.4 12.1 36.3



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

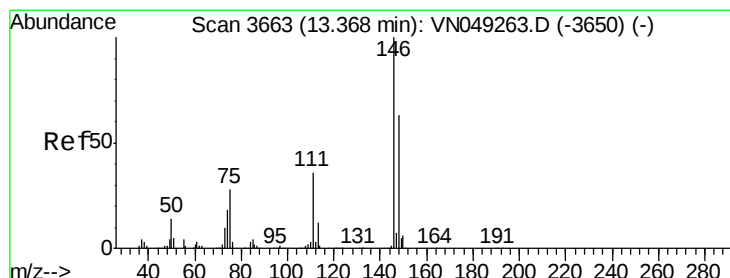
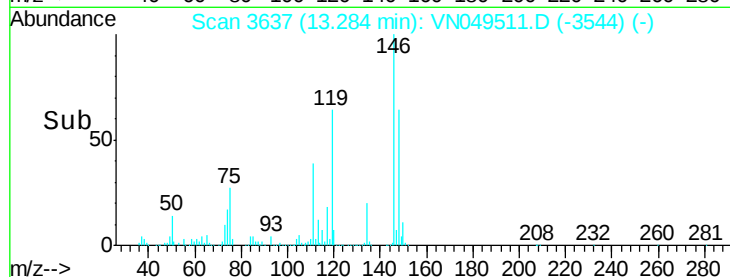
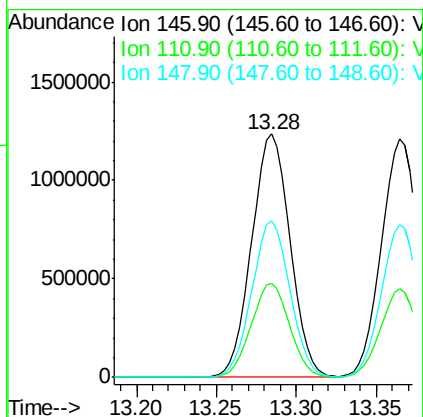
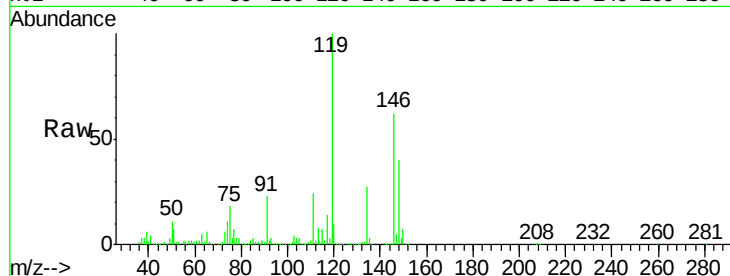




#87
 1,3-Dichlorobenzene
 Concen: 48.93 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

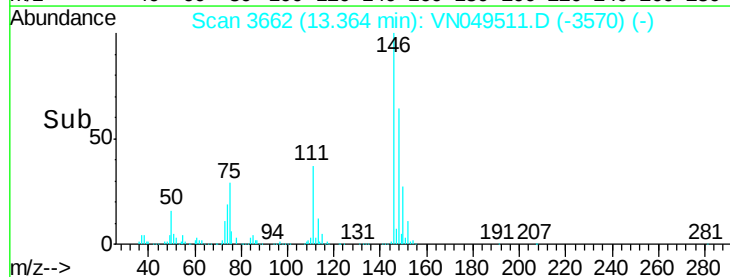
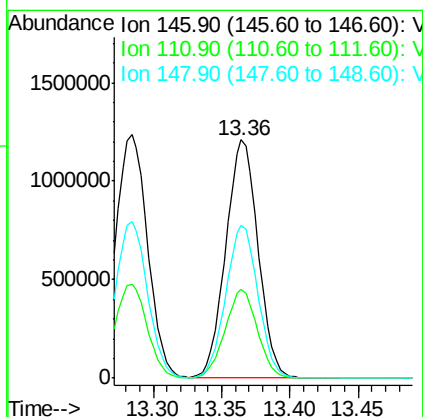
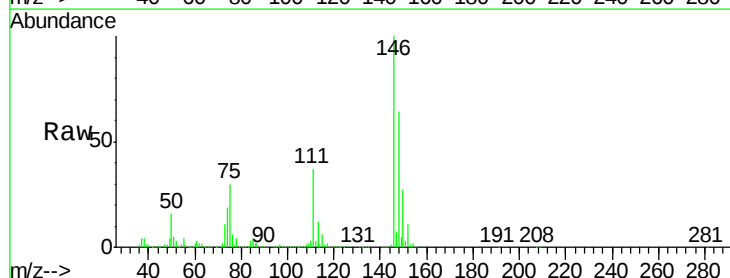
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

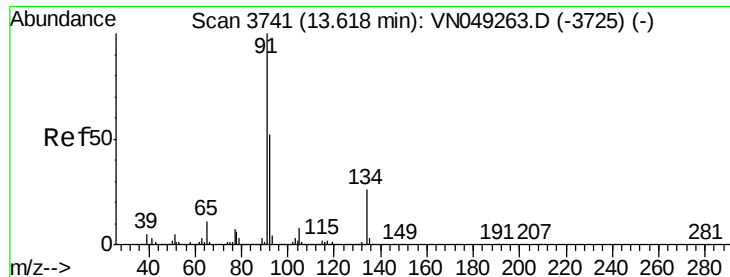
Tot Ion:146 Resp: 2036141
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.9 59.6
 148 64.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.15 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

Tgt Ion:146 Resp: 1985741
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.1 57.1
 148 63.9 32.0 96.2

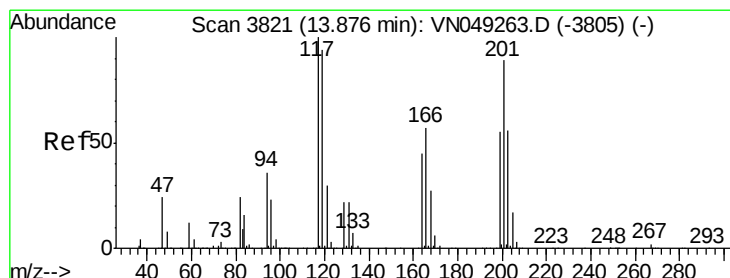
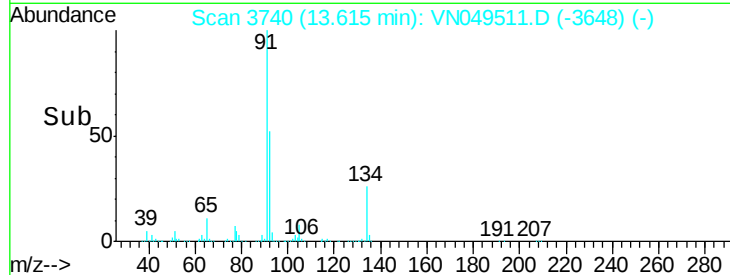
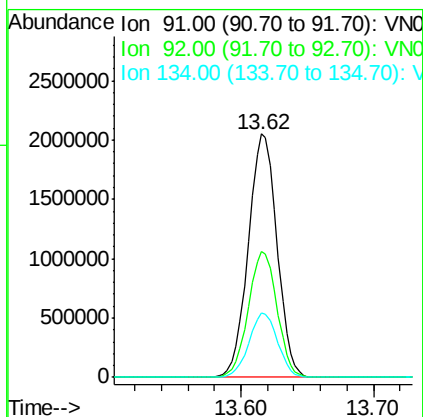
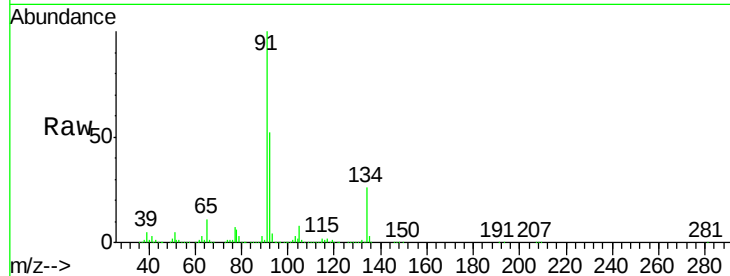




#89
n-Butylbenzene
Concen: 53.08 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

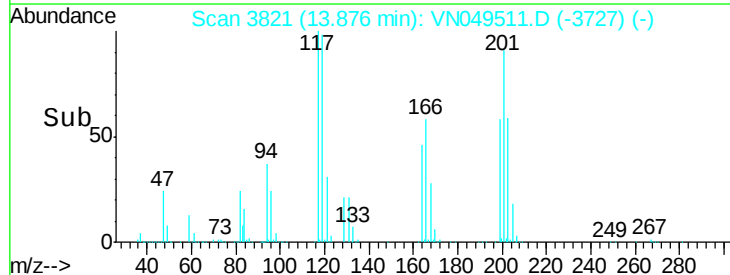
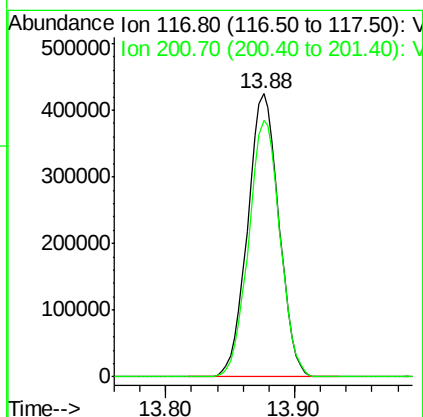
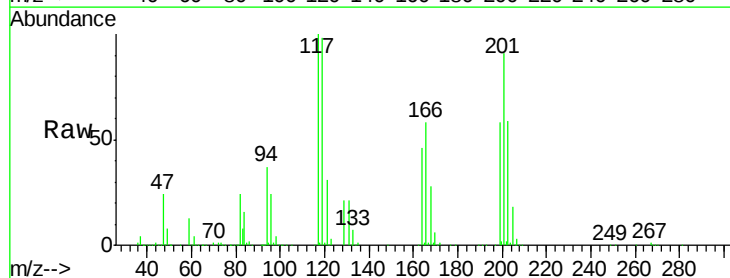
Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 91 Resp: 3074071
Ion Ratio Lower Upper
91 100
92 51.8 25.1 75.4
134 26.5 12.0 36.0



#90
Hexachloroethane
Concen: 51.23 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049511.D
Acq: 25 Jun 2018 13:15

Tgt Ion: 117 Resp: 718380
Ion Ratio Lower Upper
117 100
201 90.9 40.1 120.2





#91

1,2-Dichlorobenzene

Concen: 48.14 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

BFB

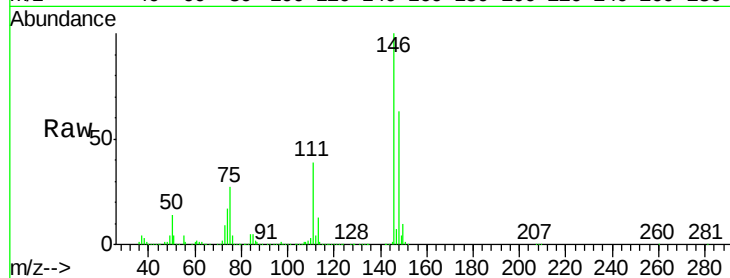
Tot Ion:146 Resp: 1964479

Ion Ratio Lower Upper

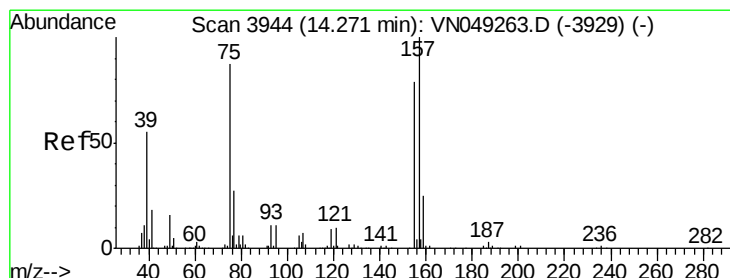
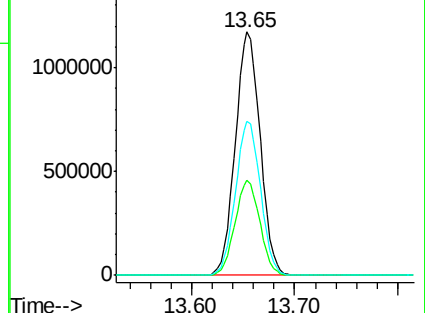
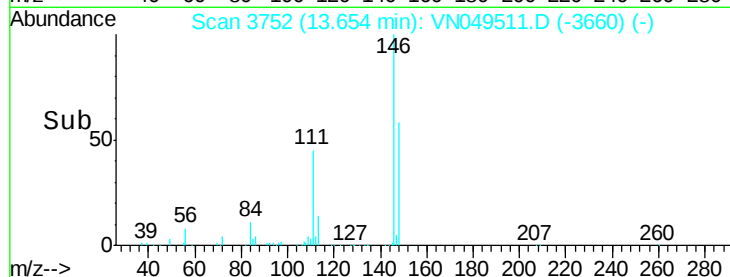
146 100

111 39.1 20.8 62.2

148 63.8 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.12 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

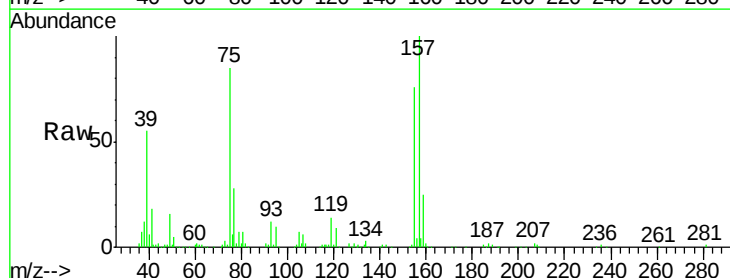
Tgt Ion: 75 Resp: 140425

Ion Ratio Lower Upper

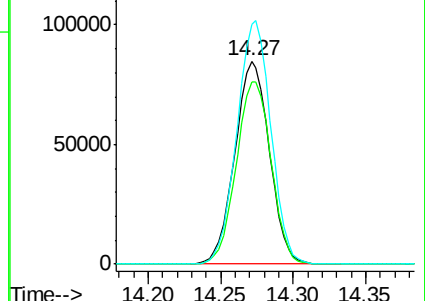
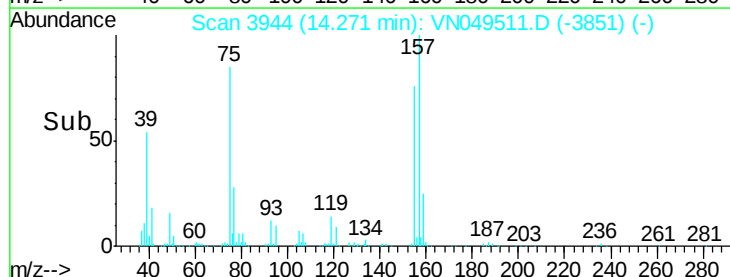
75 100

155 90.5 38.8 116.3

157 118.1 51.0 153.1



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

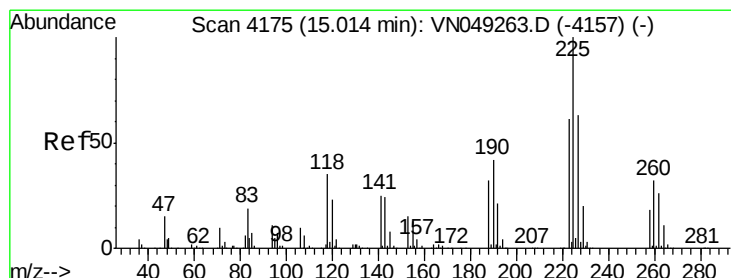
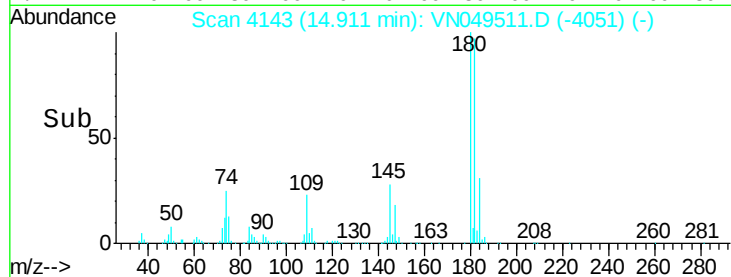
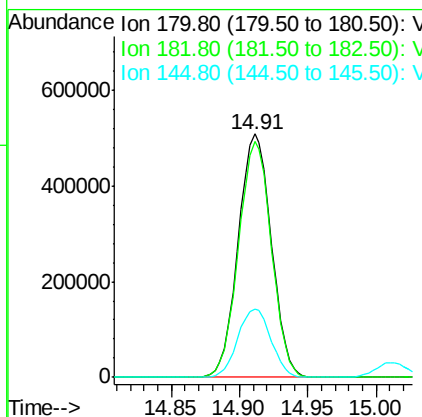
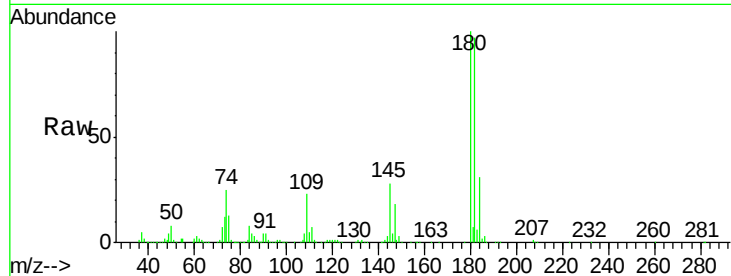




#93
 1,2,4-Trichlorobenzene
 Concen: 46.22 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

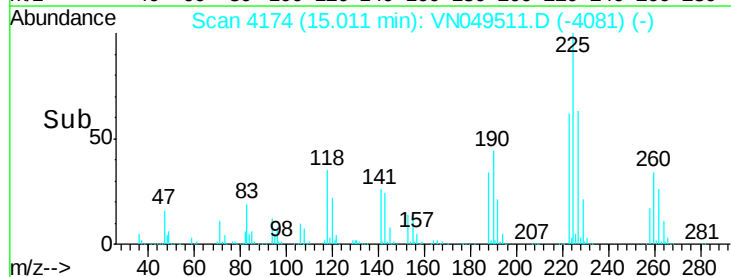
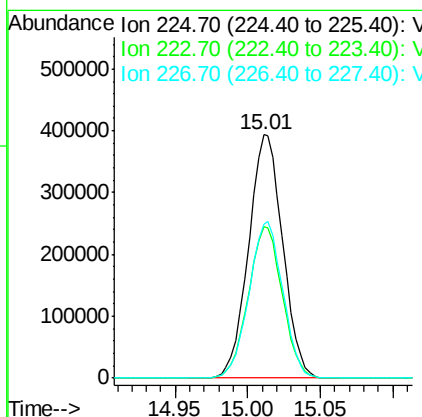
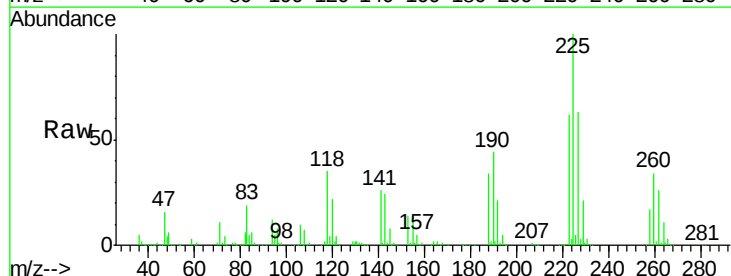
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

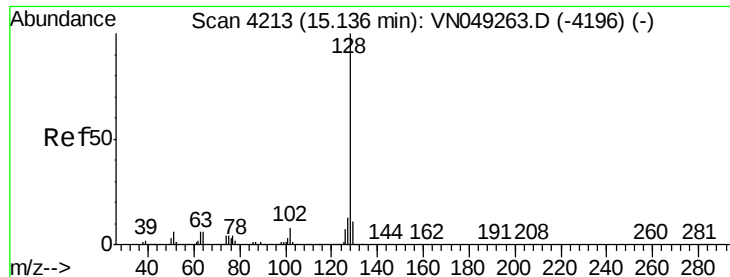
Tot Ion:180 Resp: 857044
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.9 140.8
 145 28.3 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 54.28 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049511.D
 Acq: 25 Jun 2018 13:15

Tgt Ion:225 Resp: 645157
 Ion Ratio Lower Upper
 225 100
 223 62.1 32.1 96.3
 227 63.6 31.8 95.3





#95

Naphthalene

Concen: 47.50 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

Instrument :

MSVOA_N

ClientSampleId :

BFB

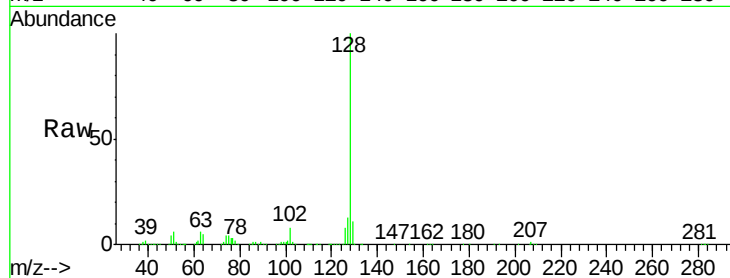
Tot Ion:128 Resp: 1561579

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

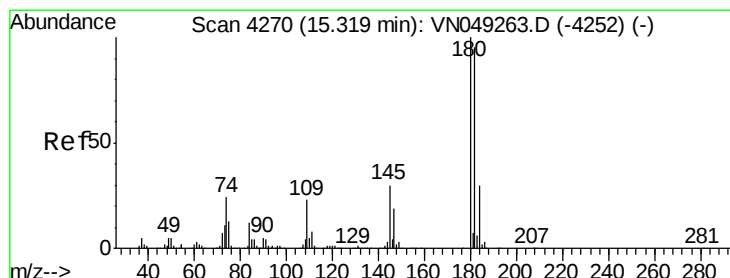
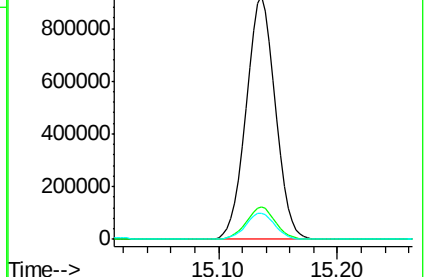
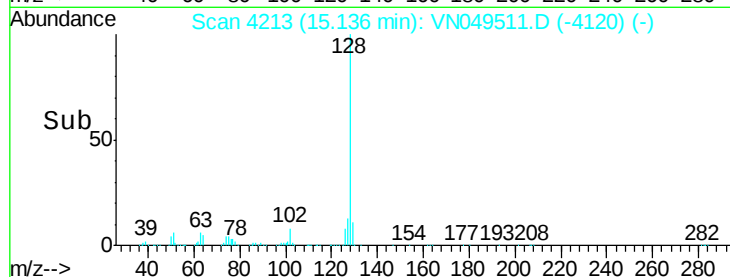
129 10.9 8.5 12.7



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: 46.77 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049511.D

Acq: 25 Jun 2018 13:15

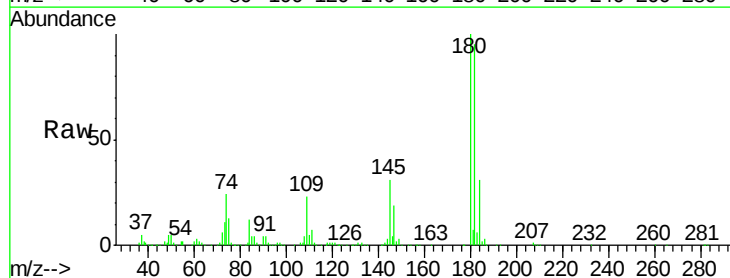
Tgt Ion:180 Resp: 850827

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.8

145 30.1 15.6 46.7



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

