

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
 Data File : VN052552.D
 Acq On : 29 Nov 2018 9:18
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Nov 30 00:15:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1125565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1700343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1508094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	697457	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	544543	44.43	ug/l	0.00
Spiked Amount			Recovery	=	88.86%	
35) Dibromofluoromethane	7.59	113	493433	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
50) Toluene-d8	10.09	98	1926134	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.40	95	665226	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	467798	44.387	ug/l	98
3) Chloromethane	2.06	50	582968	41.905	ug/l	100
4) Vinyl Chloride	2.19	62	624954	43.732	ug/l	99
5) Bromomethane	2.57	94	372360	41.760	ug/l	99
6) Chloroethane	2.71	64	385440	44.527	ug/l	100
7) Trichlorofluoromethane	3.02	101	806357	45.936	ug/l	100
8) Diethyl Ether	3.41	74	297689	45.922	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	523528	47.796	ug/l	99
10) Methyl Iodide	3.96	142	701015	48.052	ug/l	99
11) Tert butyl alcohol	4.77	59	145404	236.993	ug/l	99
12) 1,1-Dichloroethene	3.74	96	481951	45.710	ug/l	97
13) Acrolein	3.61	56	198197	192.980	ug/l	100
14) Allyl chloride	4.33	41	820472	45.151	ug/l	97
15) Acrylonitrile	4.98	53	854187	219.938	ug/l	100
16) Acetone	3.81	43	750733	232.247	ug/l	100
17) Carbon Disulfide	4.06	76	1420023	42.797	ug/l	100
18) Methyl Acetate	4.32	43	406657	43.858	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1298164	46.276	ug/l	100
20) Methylene Chloride	4.55	84	545434	43.119	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	522348	46.387	ug/l	97
22) Diisopropyl ether	5.95	45	1728057	45.272	ug/l	99
23) Vinyl Acetate	5.89	43	5426755	228.257	ug/l	99
24) 1,1-Dichloroethane	5.85	63	990964	45.469	ug/l	99
25) 2-Butanone	6.83	43	1043196	227.688	ug/l	98
26) 2,2-Dichloropropane	6.82	77	740994	49.121	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	606982	46.273	ug/l	98
28) Bromochloromethane	7.19	49	427365	42.932	ug/l	95
29) Tetrahydrofuran	7.21	42	625657	211.716	ug/l	97
30) Chloroform	7.37	83	974243	44.805	ug/l	98
31) Cyclohexane	7.65	56	956773	45.322	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	807169	46.853	ug/l	99
36) 1,1-Dichloropropene	7.79	75	771828	48.069	ug/l	99
37) Ethyl Acetate	6.92	43	439900	44.891	ug/l	99
38) Carbon Tetrachloride	7.77	117	702689	48.342	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	972734	49.842	ug/l	99
40) Benzene	8.04	78	2273492	47.511	ug/l	99
41) Methacrylonitrile	7.17	41	227214	42.411	ug/l	94
42) 1,2-Dichloroethane	8.12	62	694613	47.940	ug/l	100
43) Isopropyl Acetate	8.16	43	775740	46.778	ug/l	100
44) Trichloroethene	8.83	130	597723	48.765	ug/l	99
45) 1,2-Dichloropropane	9.12	63	604306	47.500	ug/l	100
46) Dibromomethane	9.21	93	338692	48.091	ug/l	98
47) Bromodichloromethane	9.40	83	736358	48.089	ug/l	99
48) Methyl methacrylate	9.20	41	400351	46.299	ug/l	98
49) 1,4-Dioxane	9.20	88	92856	1034.699	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	2165036	232.687	ug/l	99
52) Toluene	10.16	92	1403175	49.353	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	736841	50.021	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	880229	49.863	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	484507	48.447	ug/l	99
56) Ethyl methacrylate	10.43	69	619764	44.918	ug/l	99
57) 1,3-Dichloropropane	10.71	76	840552	47.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1739252	239.672	ug/l	98
59) 2-Hexanone	10.75	43	1543229	247.125	ug/l	99
60) Dibromochloromethane	10.90	129	537477	49.483	ug/l	100
61) 1,2-Dibromoethane	11.01	107	480094	48.334	ug/l	99
64) Tetrachloroethene	10.63	164	575283	49.200	ug/l	99
65) Chlorobenzene	11.43	112	1542196	49.593	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	533853	49.374	ug/l	100
67) Ethyl Benzene	11.51	91	2726069	50.060	ug/l	99
68) m/p-Xylenes	11.62	106	2049669	101.105	ug/l	100
69) o-Xylene	11.95	106	995336	50.559	ug/l	100
70) Styrene	11.96	104	1630349	51.995	ug/l	99
71) Bromoform	12.13	173	356052	49.733	ug/l #	100
73) Isopropylbenzene	12.25	105	2669479	48.785	ug/l	99
74) N-amyl acetate	12.07	43	661537	47.853	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	561948	45.145	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	715572	66.533	ug/l #	100
77) Bromobenzene	12.53	156	658087	48.656	ug/l	97
78) n-propylbenzene	12.59	91	3100539	49.877	ug/l	99
79) 2-Chlorotoluene	12.68	91	1784910	48.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2166547	49.644	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	156506	48.596	ug/l	100
82) 4-Chlorotoluene	12.77	91	1816157	48.679	ug/l	99
83) tert-Butylbenzene	12.99	119	1905626	48.980	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2196663	50.226	ug/l	100
85) sec-Butylbenzene	13.17	105	2630372	49.638	ug/l	100
86) p-Isopropyltoluene	13.29	119	2282500	50.571	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1166757	49.316	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1148656	49.291	ug/l	100
89) n-Butylbenzene	13.62	91	1977595	52.685	ug/l	100
90) Hexachloroethane	13.88	117	367239	48.054	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1100589	48.691	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	83510	46.908	ug/l	98

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QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

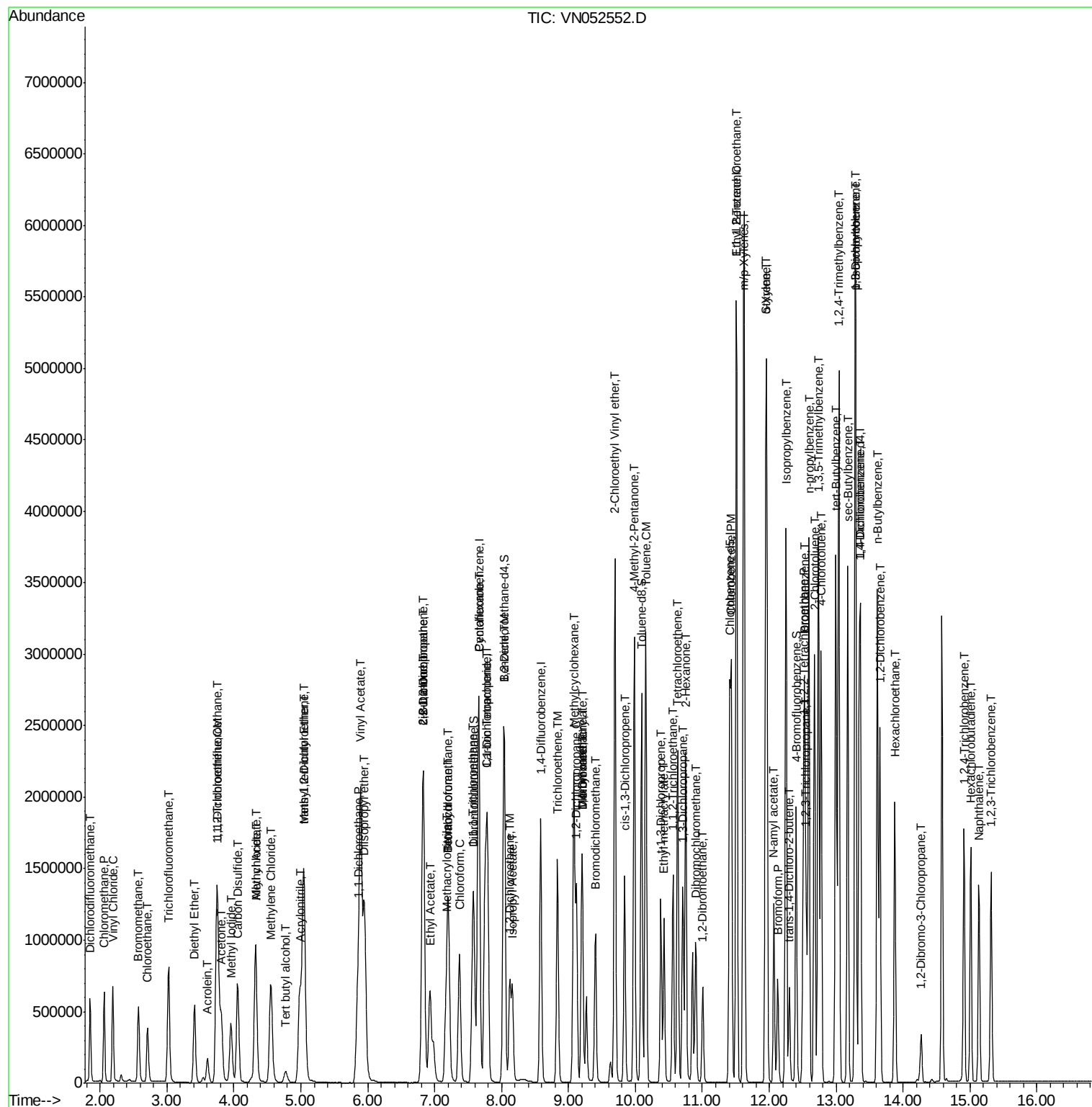
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	600795	48.604	ug/l	100
94) Hexachlorobutadiene	15.01	225	357186	49.121	ug/l	99
95) Naphthalene	15.13	128	1217134	46.601	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	547701	48.212	ug/l	99

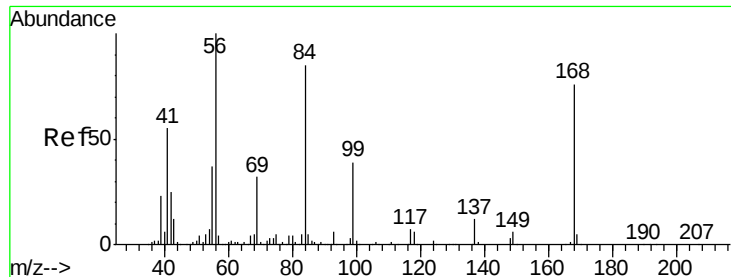
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112918\
Data File : VN052552.D
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

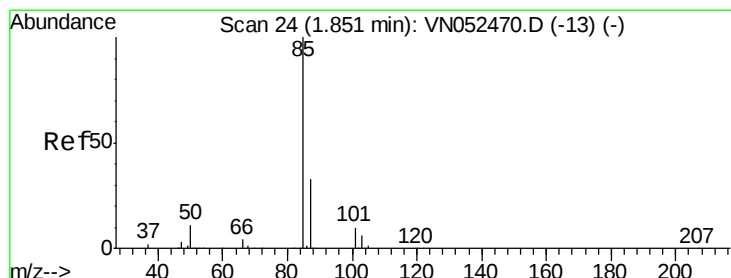
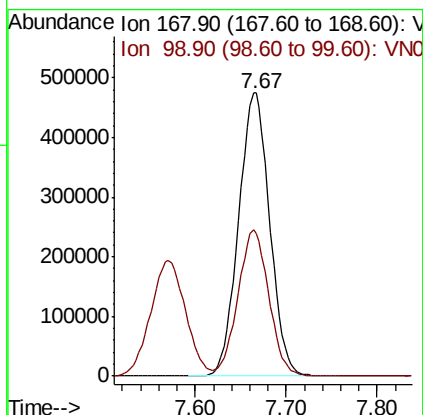
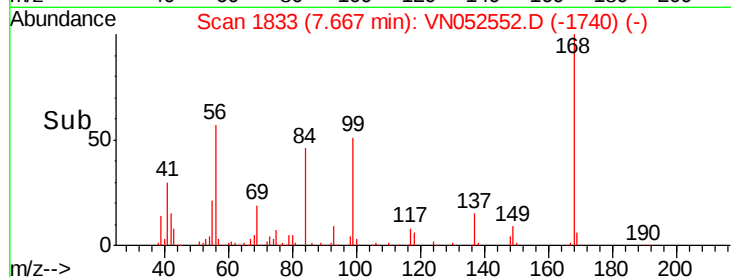
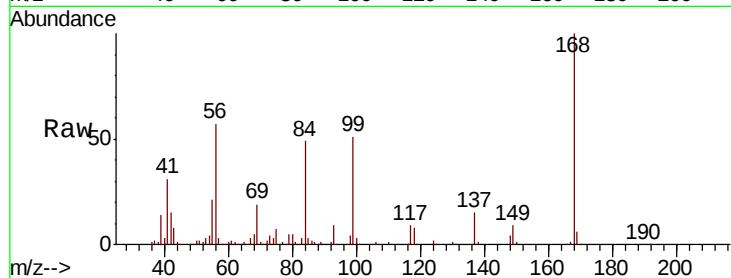
BFB

Tot Ion:168 Resp: 1125565

Ion Ratio Lower Upper

168 100

99 50.5 41.7 62.5



#2

Dichlorodifluoromethane

Concen: 44.387 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052552.D

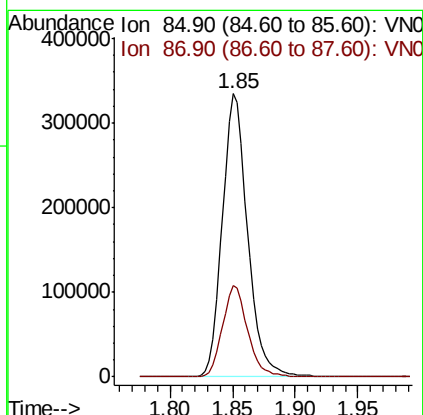
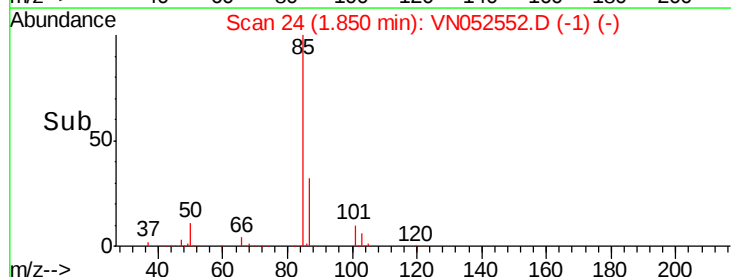
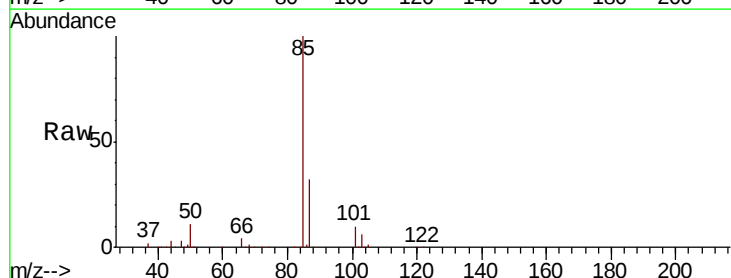
Acq: 29 Nov 2018 9:18

Tgt Ion: 85 Resp: 467798

Ion Ratio Lower Upper

85 100

87 32.3 16.7 50.1





#3

Chloromethane

Concen: 41.905 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

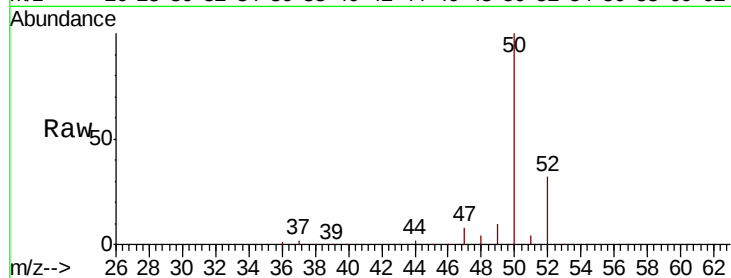
BFB

Tot Ion: 50 Resp: 582968

Ion Ratio Lower Upper

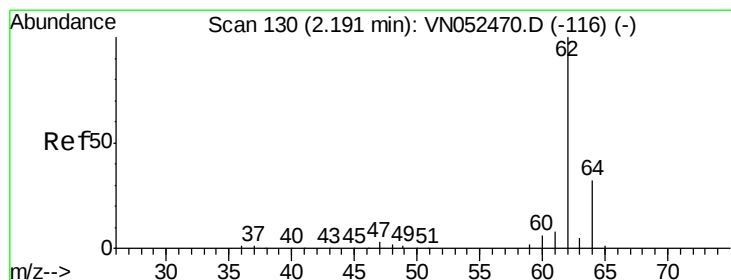
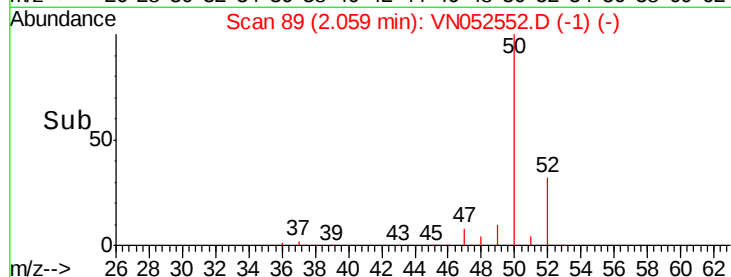
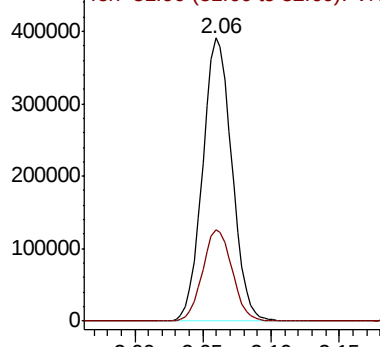
50 100

52 32.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 43.732 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052552.D

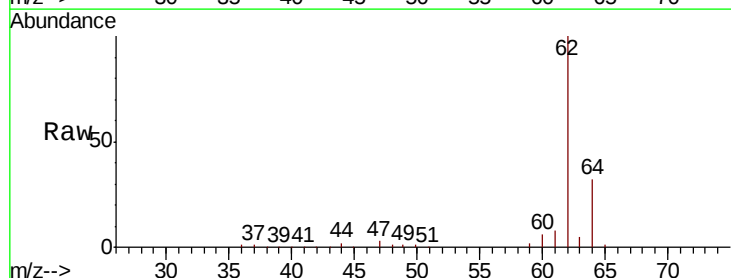
Acq: 29 Nov 2018 9:18

Tgt Ion: 62 Resp: 624954

Ion Ratio Lower Upper

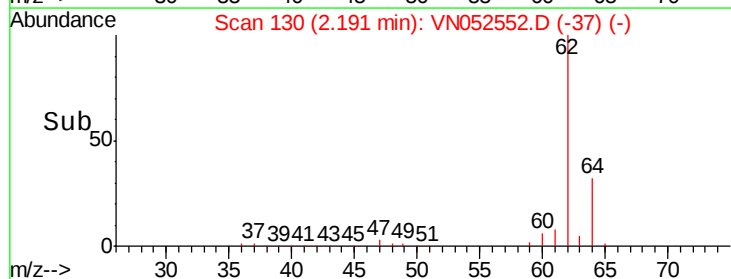
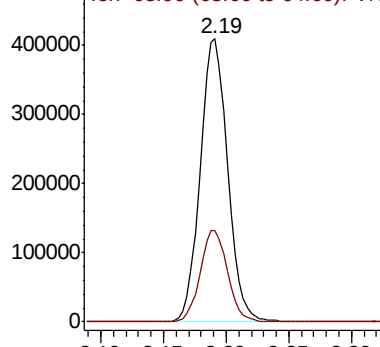
62 100

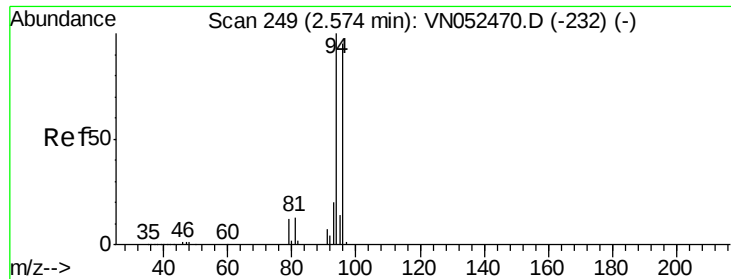
64 32.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 41.760 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

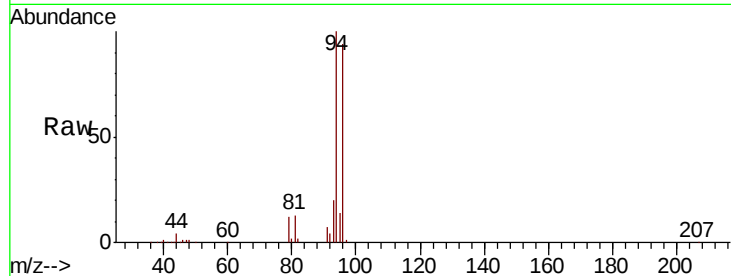
BFB

Tot Ion: 94 Resp: 372360

Ion Ratio Lower Upper

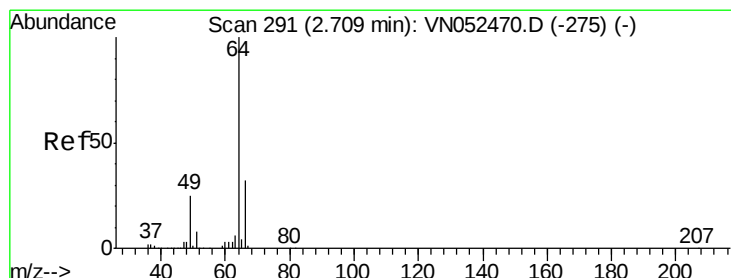
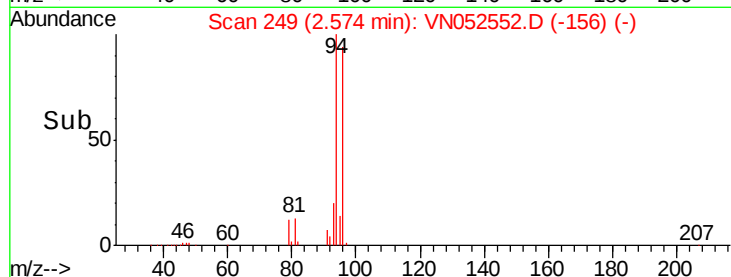
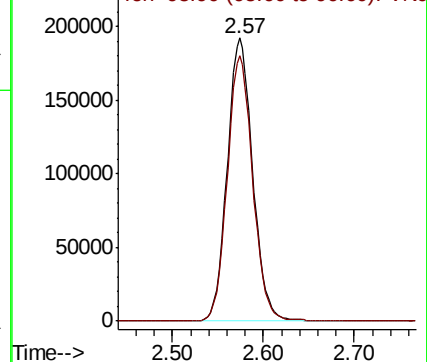
94 100

96 93.9 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.527 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN052552.D

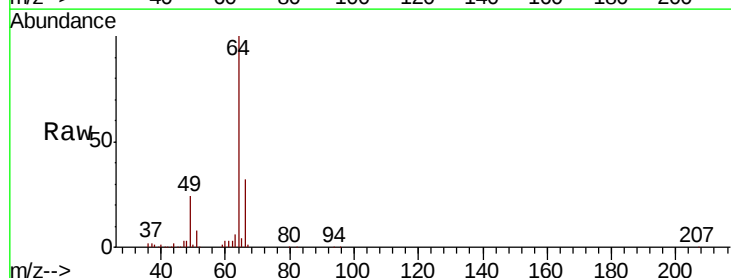
Acq: 29 Nov 2018 9:18

Tgt Ion: 64 Resp: 385440

Ion Ratio Lower Upper

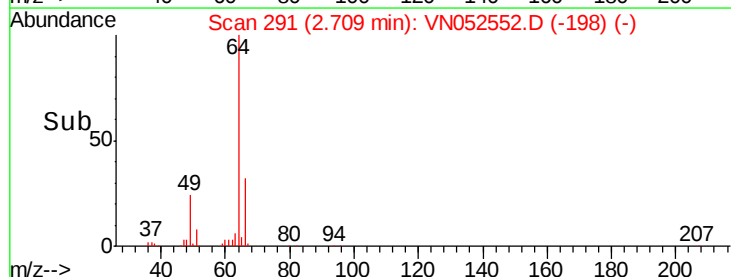
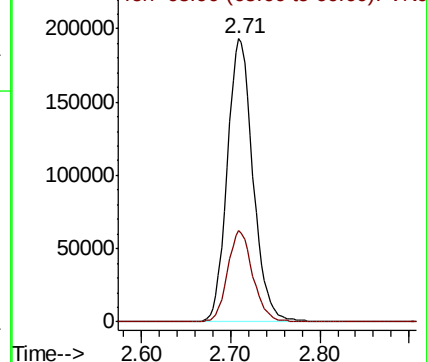
64 100

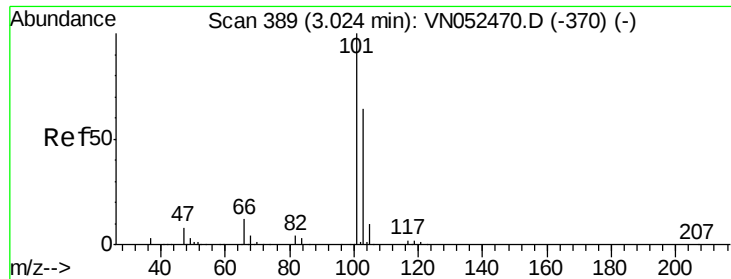
66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



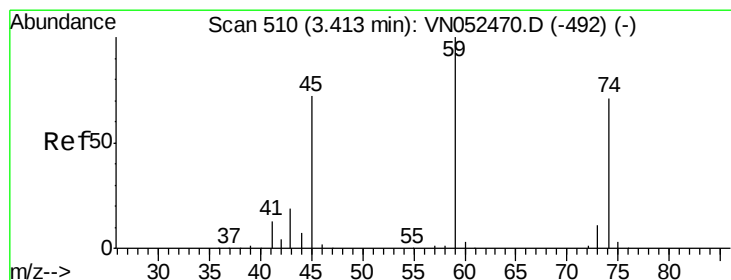
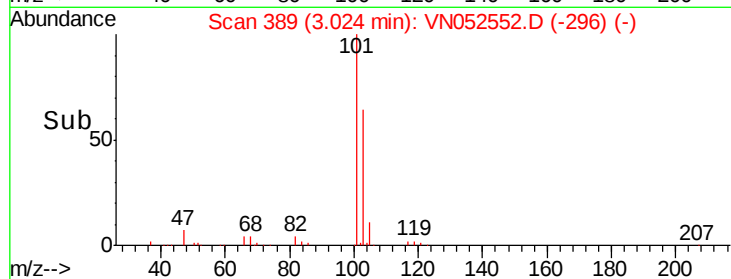
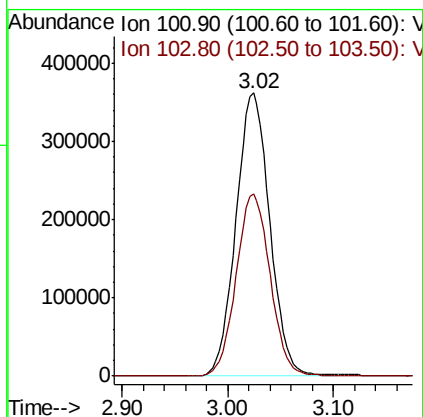
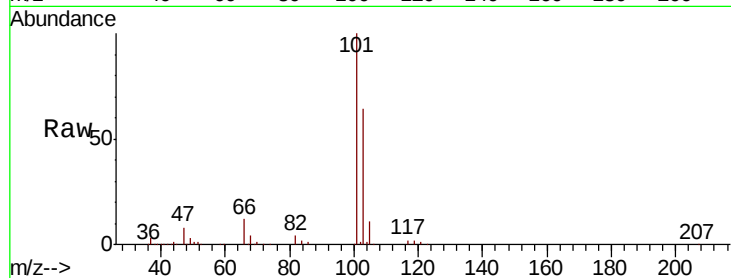


#7

Trichlorofluoromethane
 Concen: 45.936 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

Instrument :
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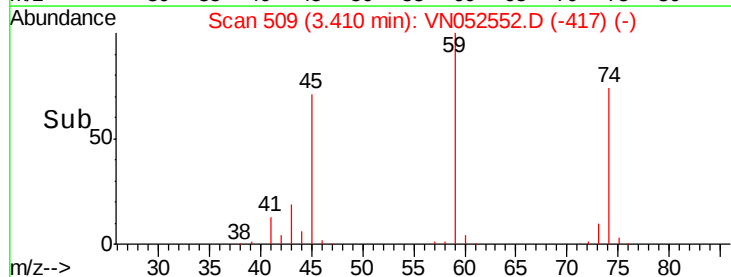
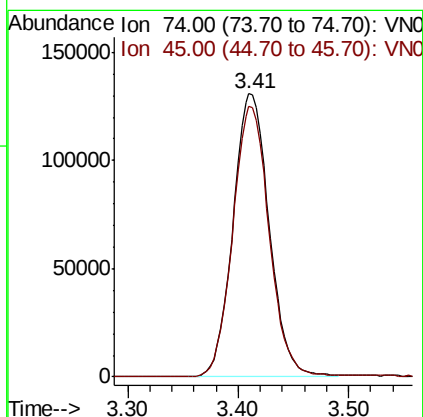
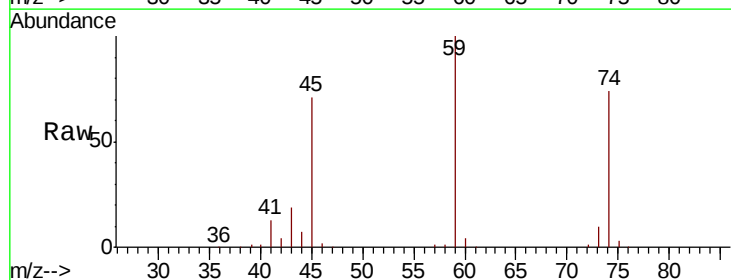
Tot Ion:101 Resp: 806357
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2

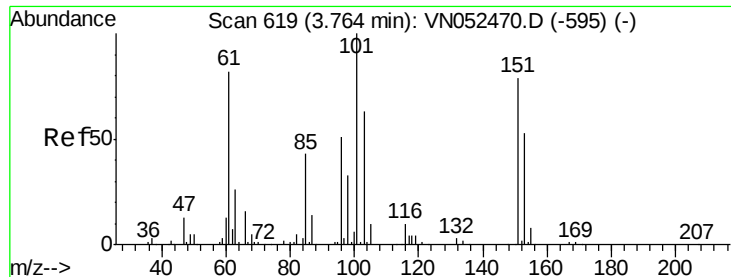


#8

Diethyl Ether
 Concen: 45.922 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

Tgt Ion: 74 Resp: 297689
 Ion Ratio Lower Upper
 74 100
 45 96.3 50.4 151.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.796 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

BFB

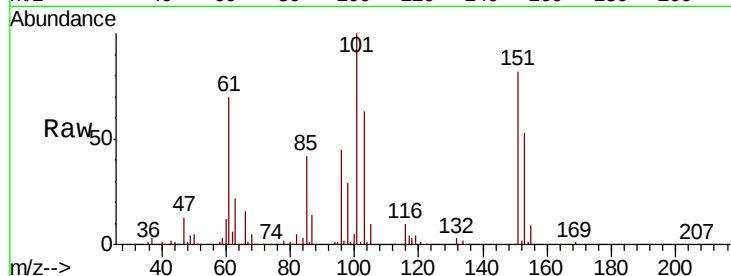
Tot Ion:101 Resp: 523528

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.4

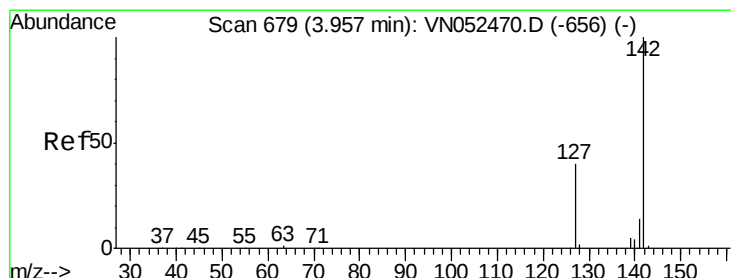
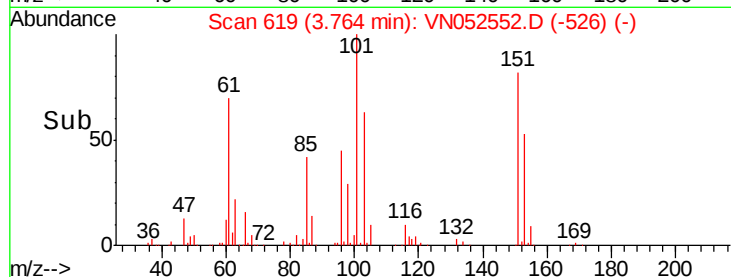
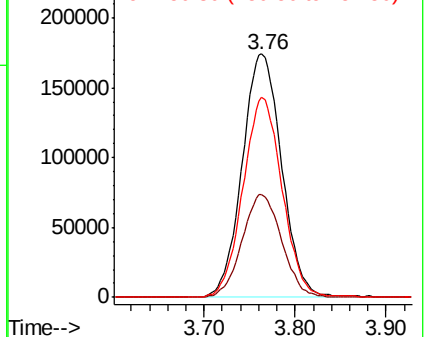
151 82.0 64.6 96.8



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: 48.052 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

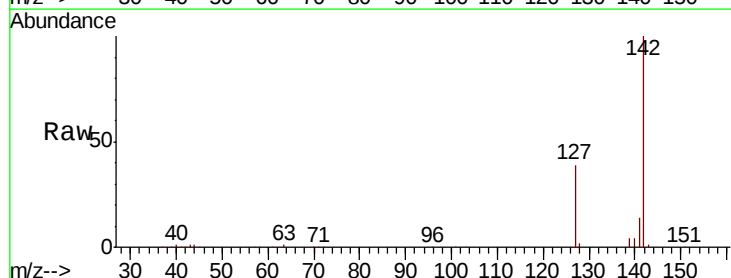
Tgt Ion:142 Resp: 701015

Ion Ratio Lower Upper

142 100

127 38.8 31.8 47.6

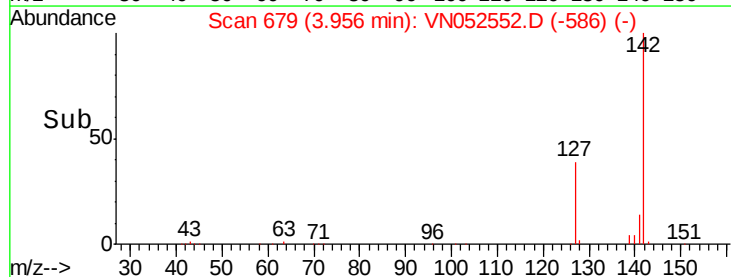
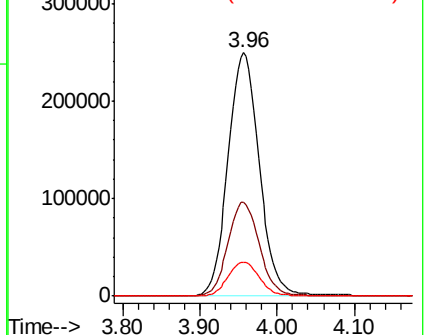
141 14.1 11.4 17.0

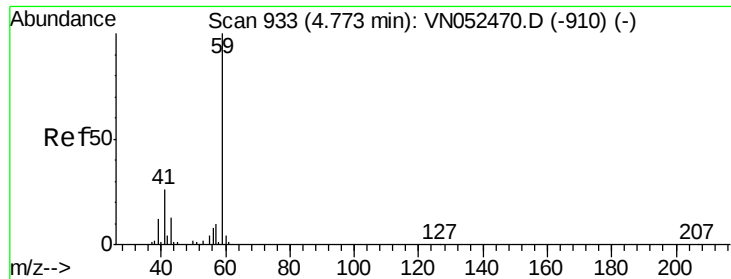


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

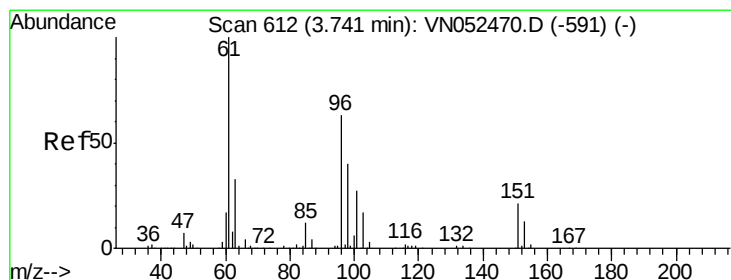
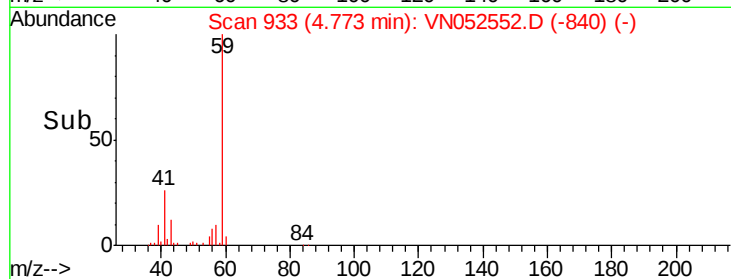
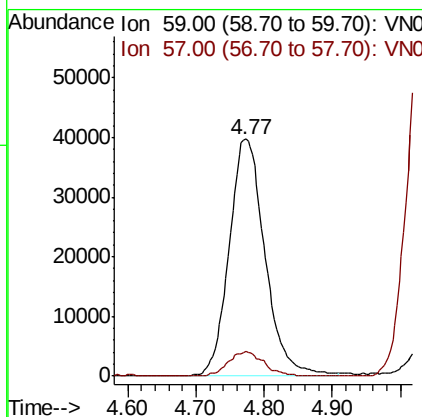
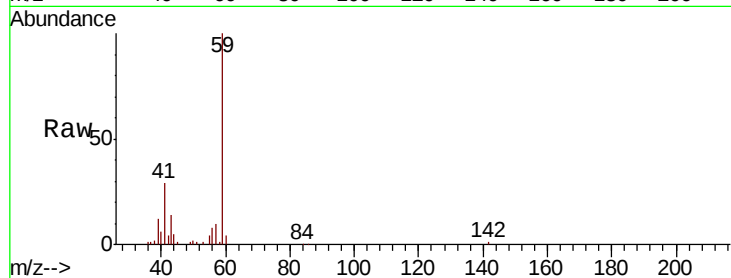




#11
 Tert butyl alcohol
 Concen: 236.993 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

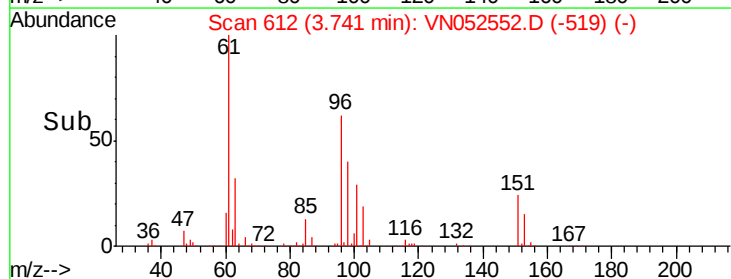
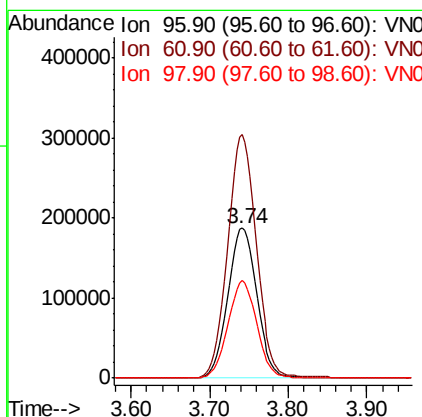
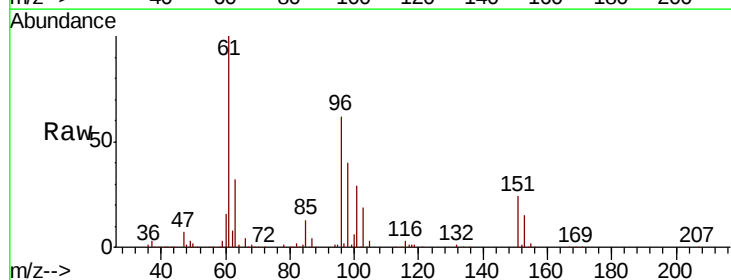
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

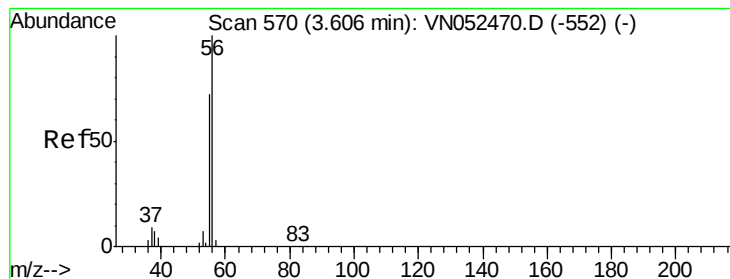
Tot Ion: 59 Resp: 145404
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.9 11.9



#12
 1,1-Dichloroethene
 Concen: 45.710 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

Tgt Ion: 96 Resp: 481951
 Ion Ratio Lower Upper
 96 100
 61 162.5 127.0 190.6
 98 65.3 50.3 75.5





#13

Acrolein

Concen: 192.980 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

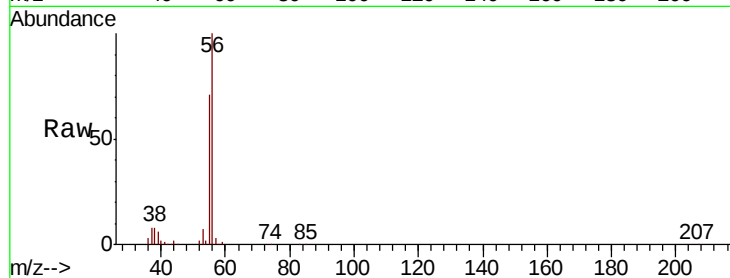
BFB

Tot Ion: 56 Resp: 198197

Ion Ratio Lower Upper

56 100

55 70.9 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

80000

60000

40000

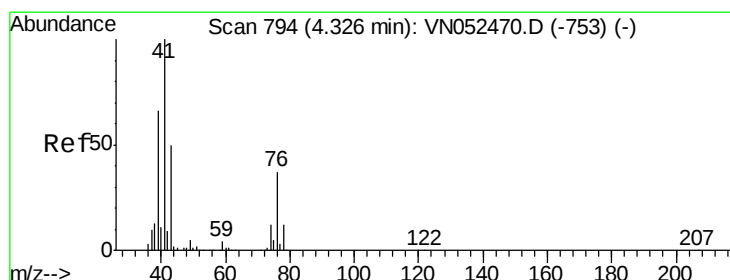
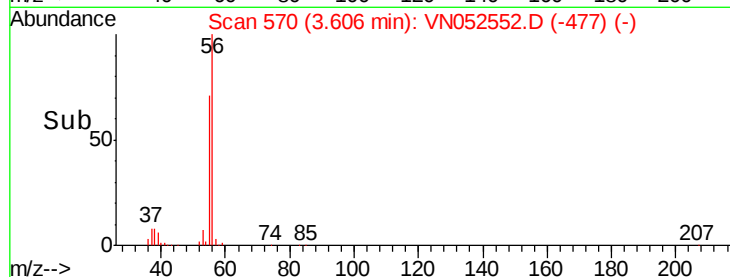
20000

0

Time-->

3.50 3.60 3.70

3.61



#14

Allyl chloride

Concen: 45.151 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

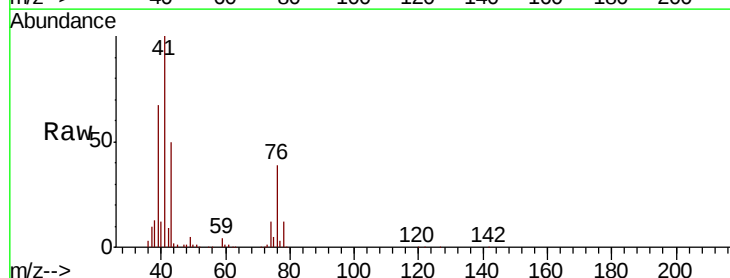
Tgt Ion: 41 Resp: 820472

Ion Ratio Lower Upper

41 100

39 65.3 50.6 76.0

76 35.9 27.4 41.2



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

300000

200000

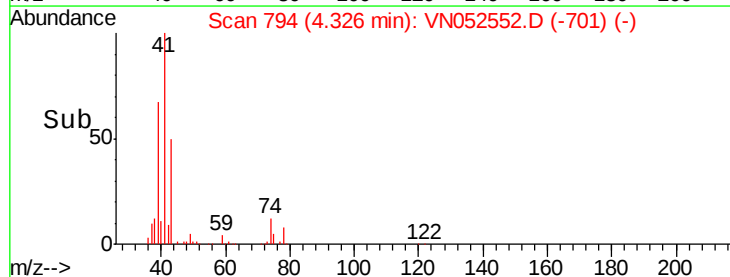
100000

0

Time-->

4.10 4.20 4.30 4.40

4.33





#15

Acrylonitrile

Concen: 219.938 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

BFB

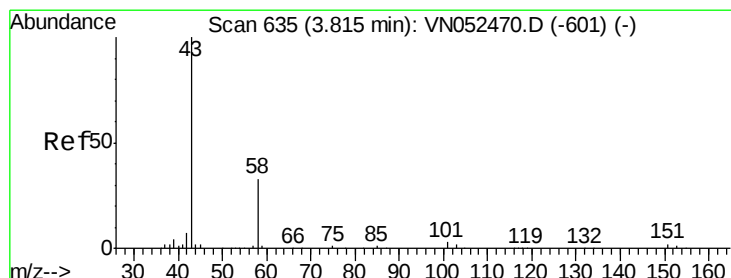
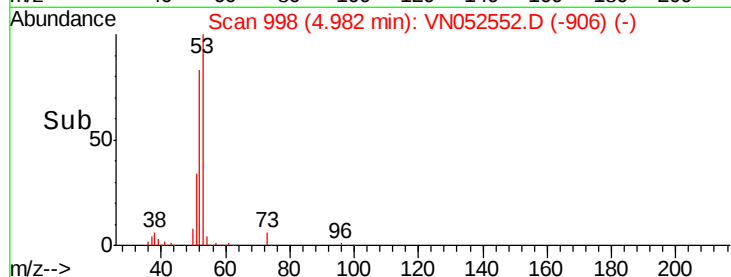
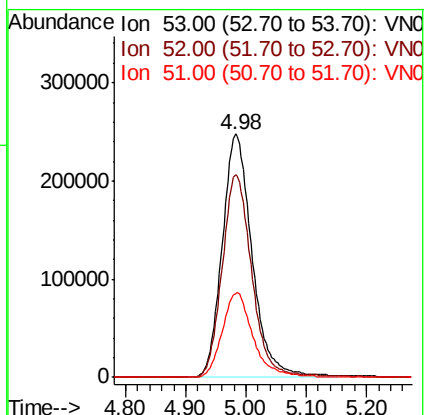
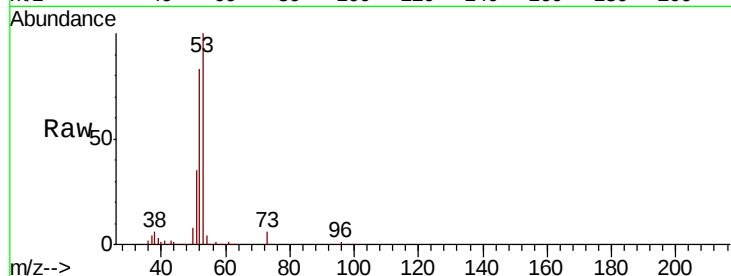
Tot Ion: 53 Resp: 854187

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

51 35.9 28.1 42.1



#16

Acetone

Concen: 232.247 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052552.D

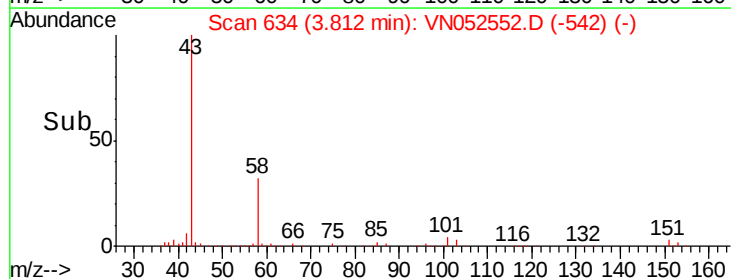
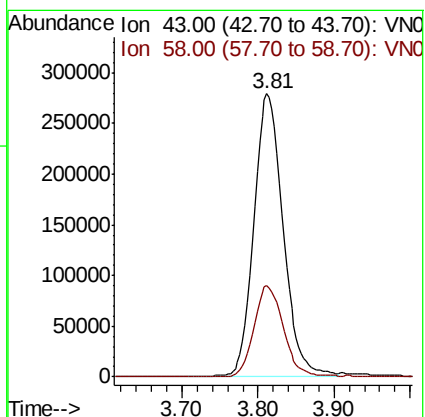
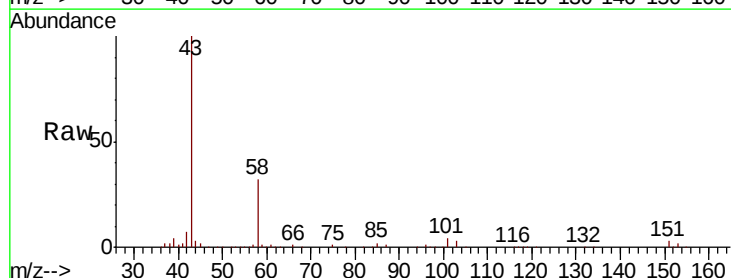
Acq: 29 Nov 2018 9:18

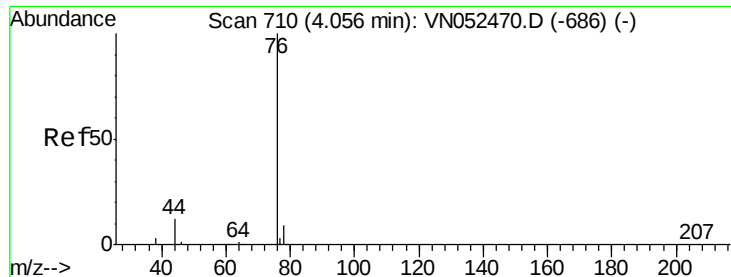
Tgt Ion: 43 Resp: 750733

Ion Ratio Lower Upper

43 100

58 32.4 26.0 39.0





#17

Carbon Disulfide

Concen: 42.797 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

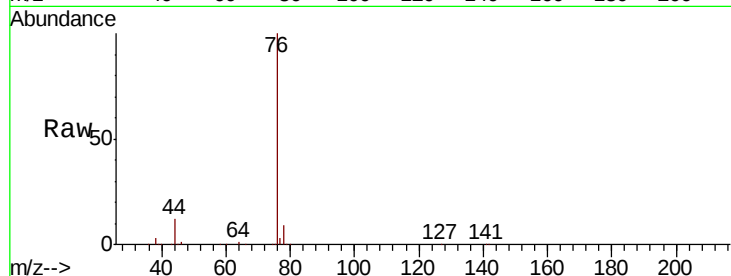
BFB

Tot Ion: 76 Resp: 1420023

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

600000

500000

400000

300000

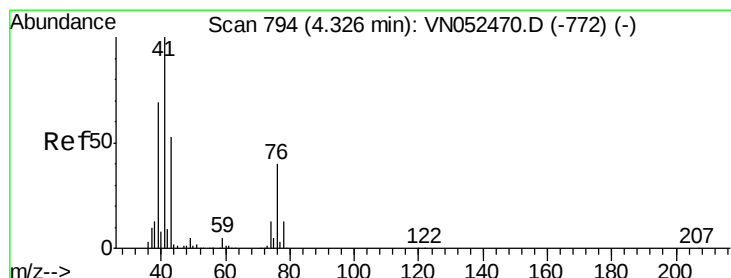
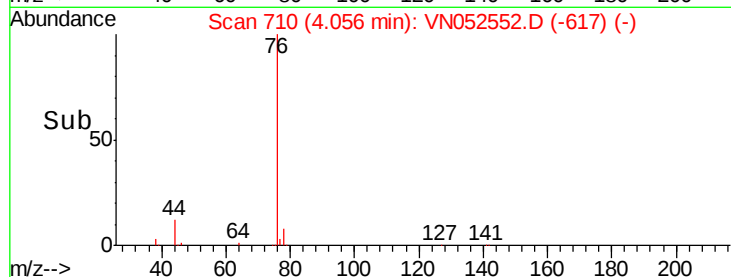
200000

100000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 43.858 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN052552.D

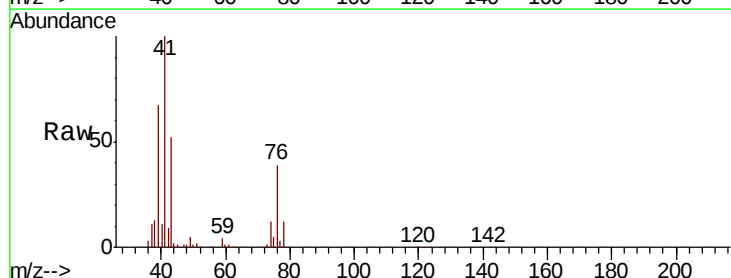
Acq: 29 Nov 2018 9:18

Tgt Ion: 43 Resp: 406657

Ion Ratio Lower Upper

43 100

74 23.5 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.32

150000

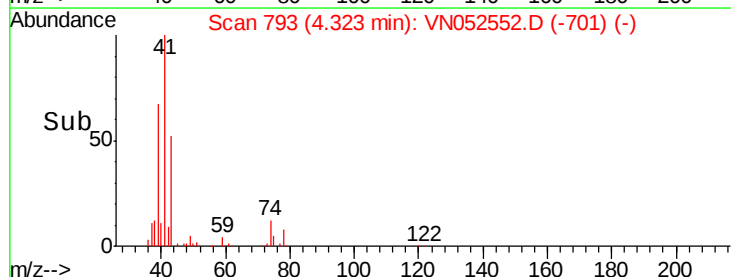
100000

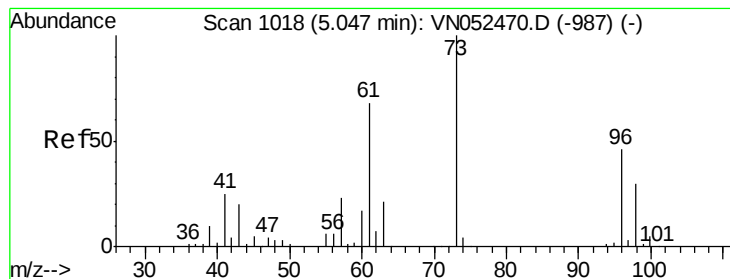
50000

0

Time-->

4.20 4.30 4.40 4.50



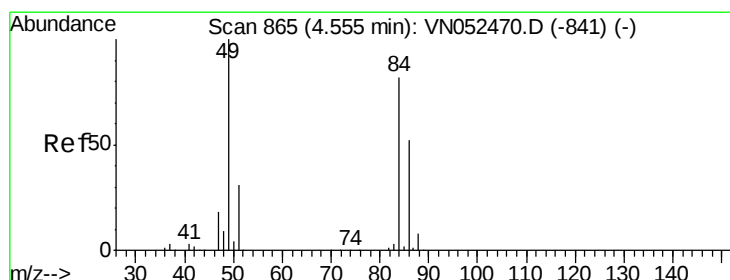
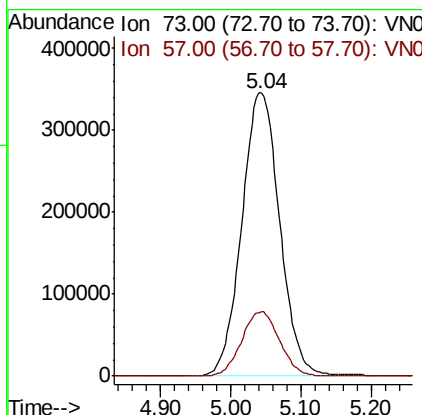
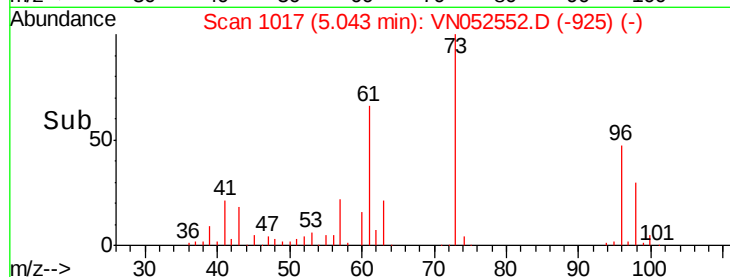
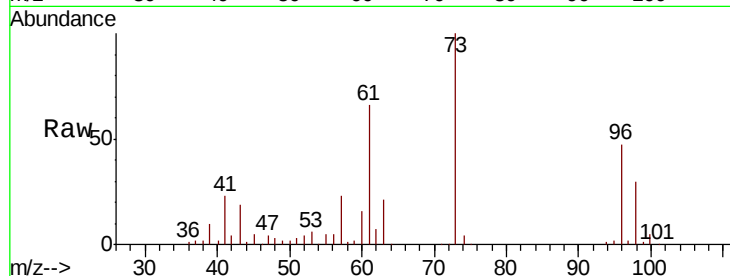


#19

Methyl tert-butyl Ether
 Concen: 46.276 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

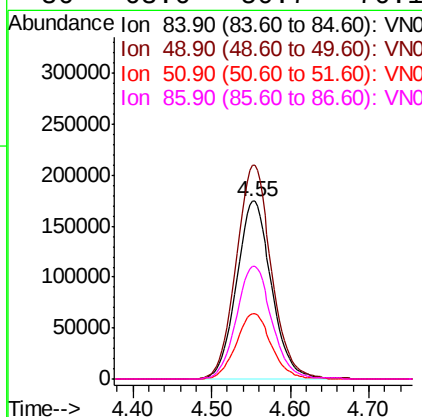
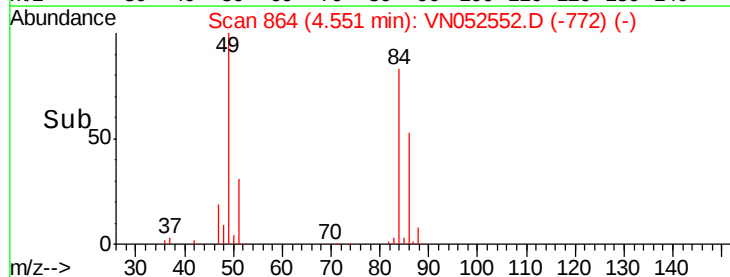
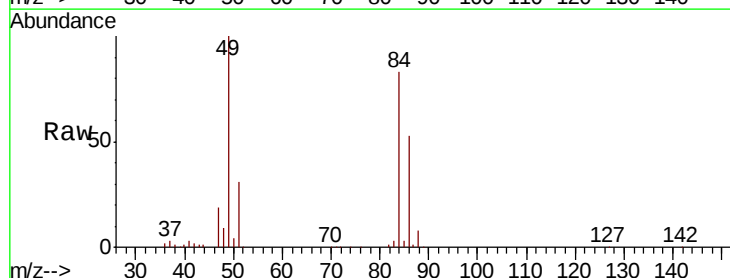
Tot Ion: 73 Resp: 1298164
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.2 27.2

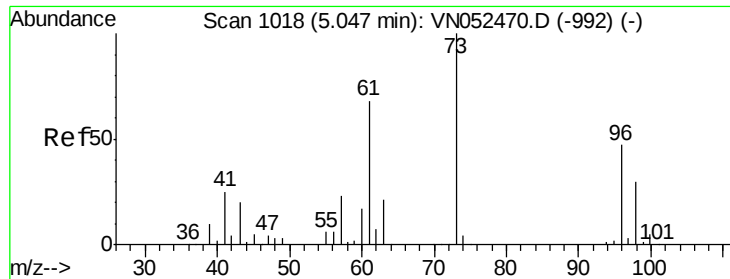


#20

Methylene Chloride
 Concen: 43.119 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

Tgt Ion: 84 Resp: 545434
 Ion Ratio Lower Upper
 84 100
 49 120.1 98.0 147.0
 51 37.0 30.1 45.1
 86 63.6 50.7 76.1

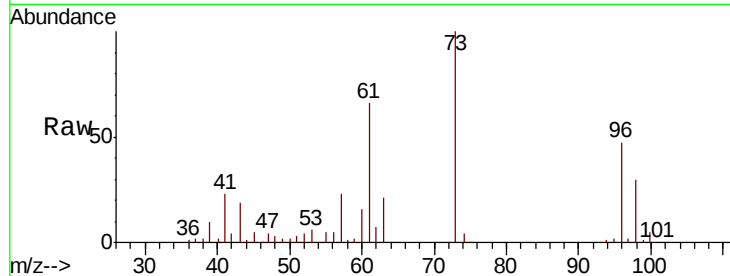




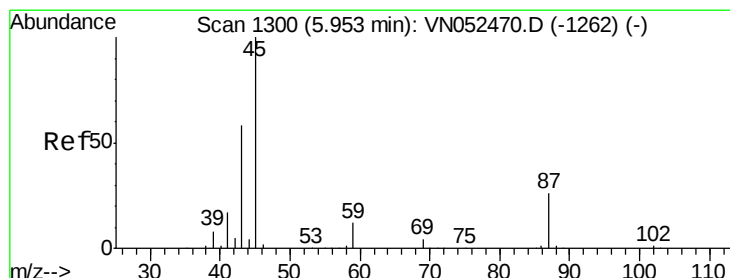
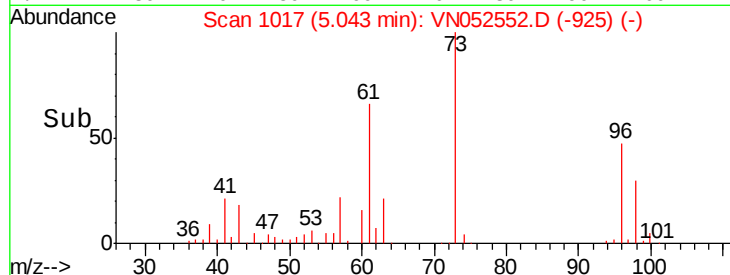
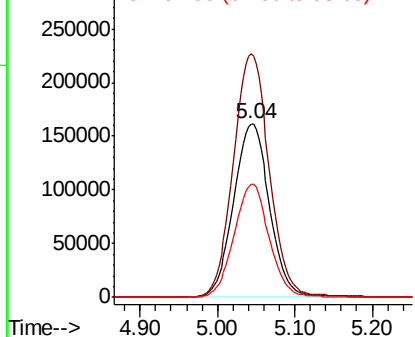
#21
trans-1,2-Dichloroethene
Concen: 46.387 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 96 Resp: 522348
Ion Ratio Lower Upper
96 100
61 140.1 117.0 175.4
98 64.9 51.8 77.6

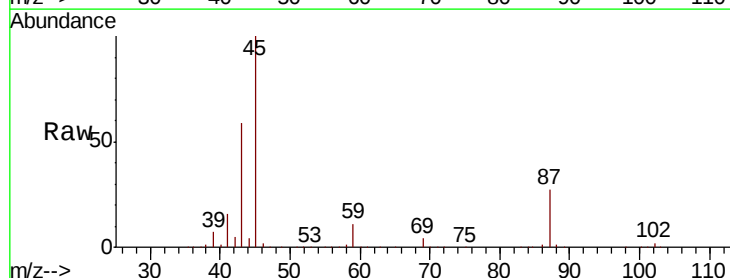


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

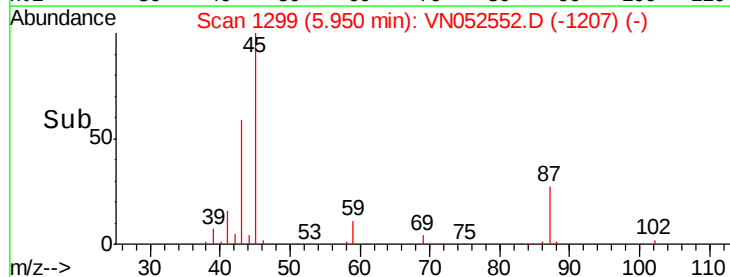
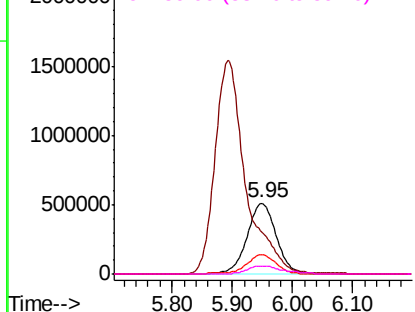


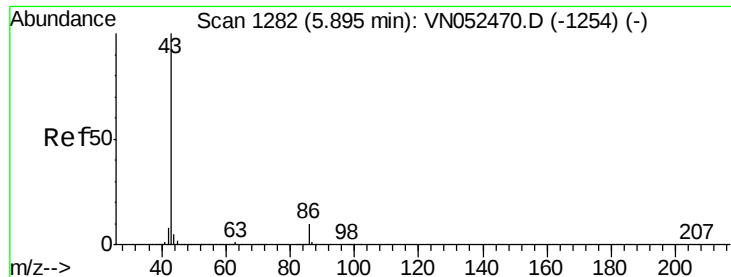
#22
Diisopropyl ether
Concen: 45.272 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Tgt Ion: 45 Resp: 1728057
Ion Ratio Lower Upper
45 100
43 58.2 46.1 69.1
87 27.2 21.3 31.9
59 11.2 9.5 14.3



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





#23

Vinyl Acetate

Concen: 228.257 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

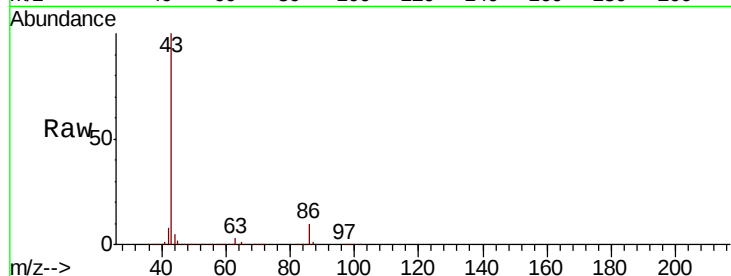
BFB

Tot Ion: 43 Resp: 5426755

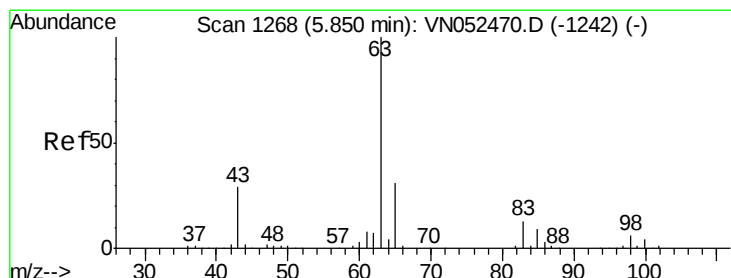
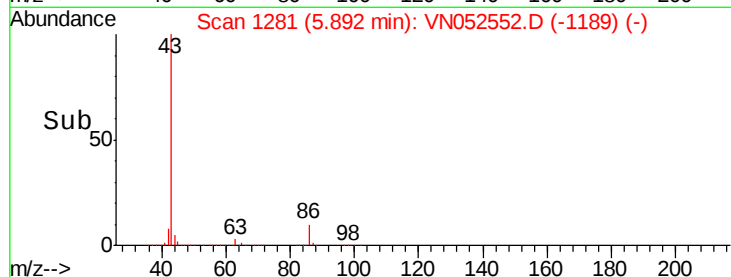
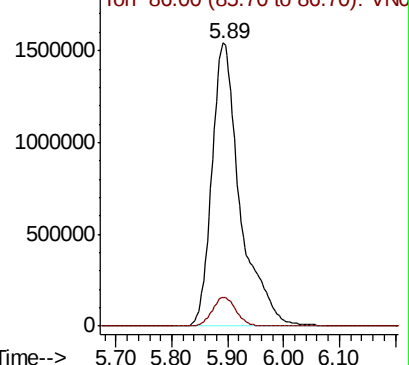
Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1254) (-)



#24

1,1-Dichloroethane

Concen: 45.469 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

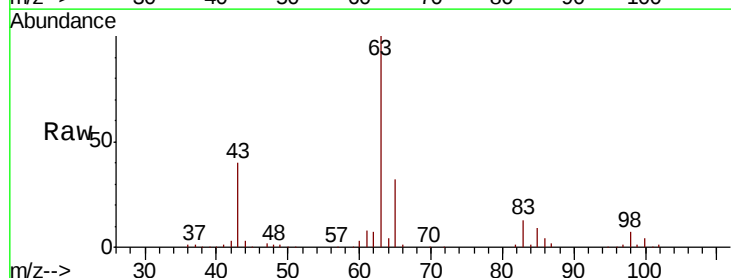
Tgt Ion: 63 Resp: 990964

Ion Ratio Lower Upper

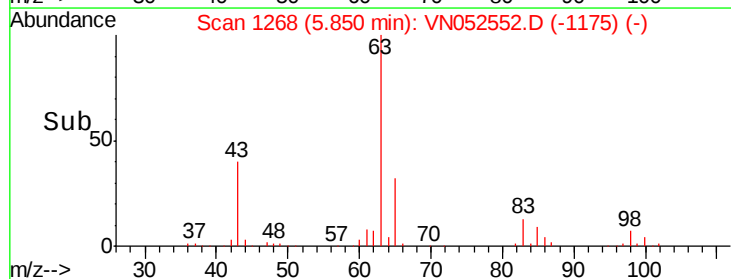
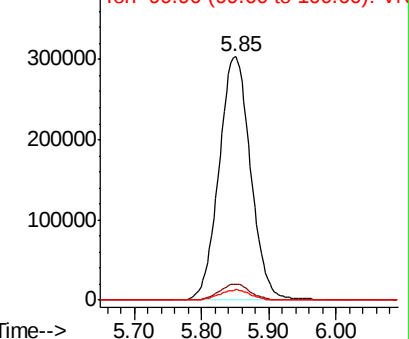
63 100

98 6.6 3.0 9.2

100 4.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN052470.D (-1242) (-)





#25

2-Butanone

Concen: 227.688 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

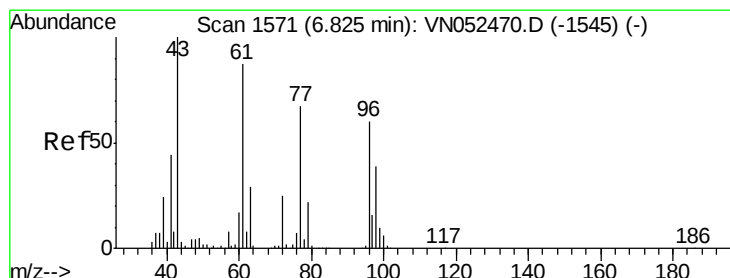
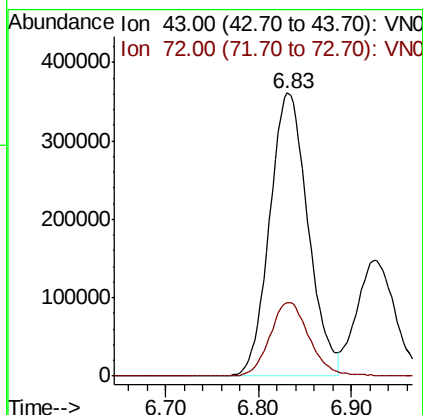
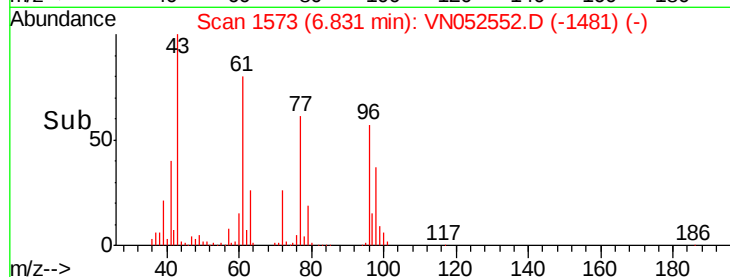
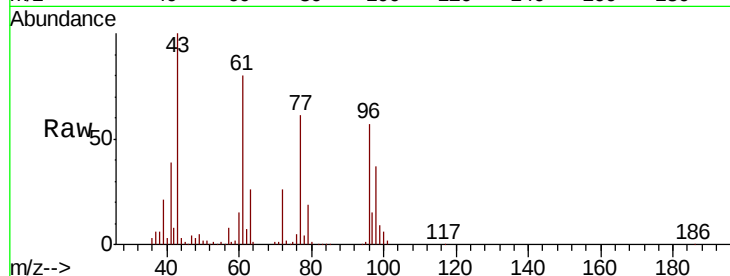
BFB

Tot Ion: 43 Resp: 1043196

Ion Ratio Lower Upper

43 100

72 26.1 20.1 30.1



#26

2,2-Dichloropropane

Concen: 49.121 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN052552.D

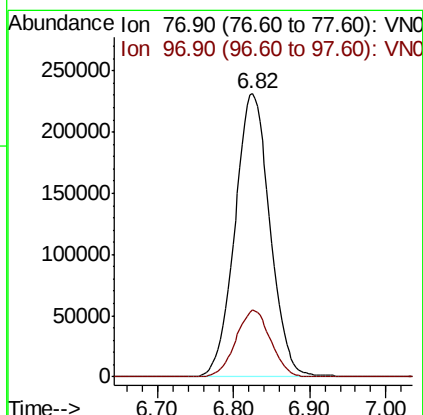
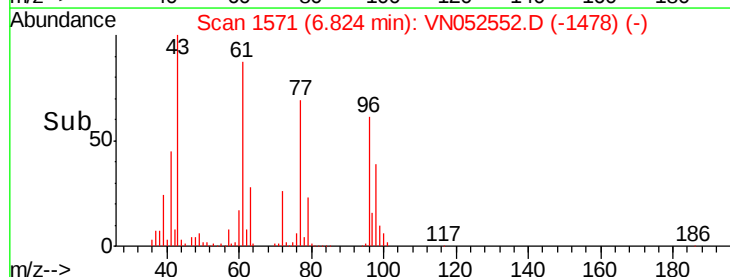
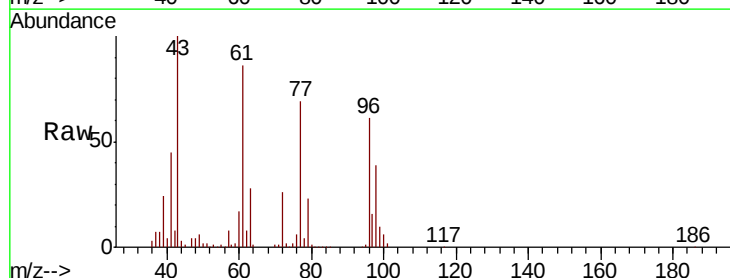
Acq: 29 Nov 2018 9:18

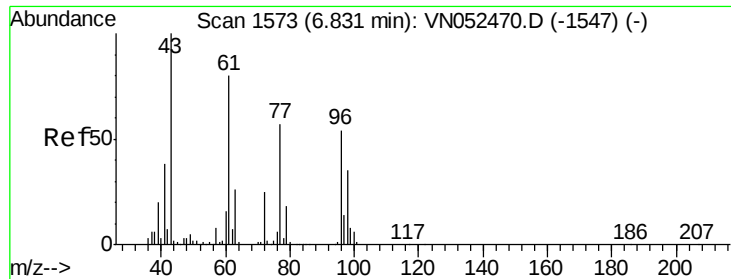
Tgt Ion: 77 Resp: 740994

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 46.273 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

BFB

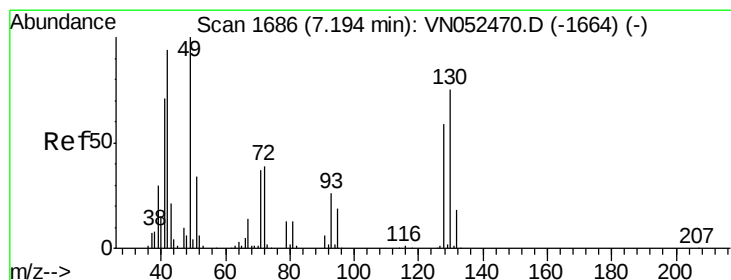
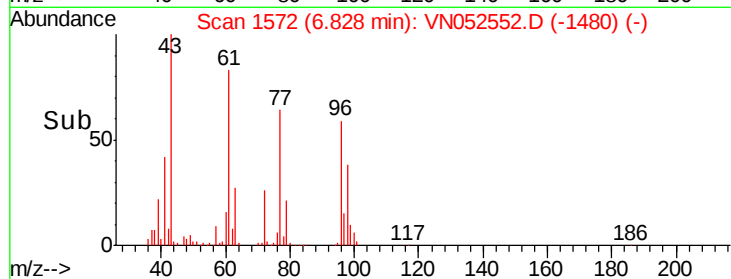
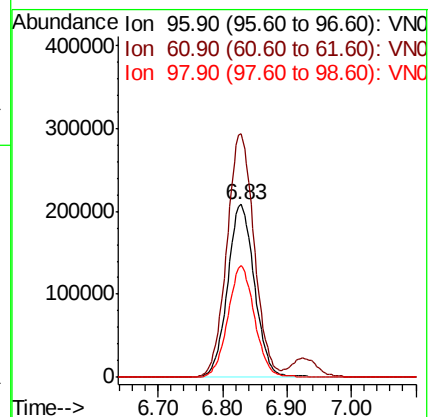
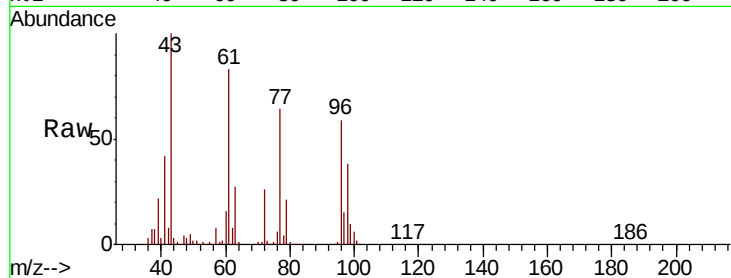
Tot Ion: 96 Resp: 606982

Ion Ratio Lower Upper

96 100

61 142.1 0.0 291.0

98 64.1 0.0 130.0



#28

Bromochloromethane

Concen: 42.932 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

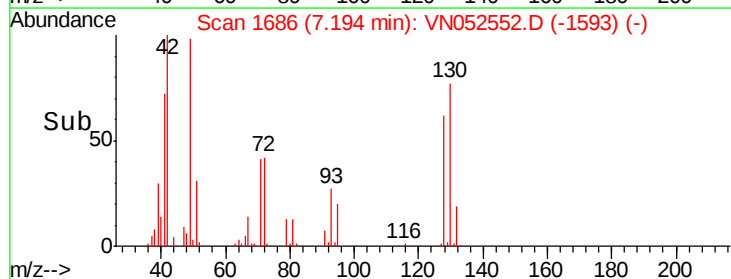
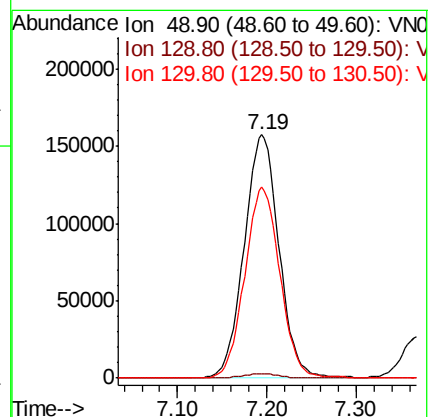
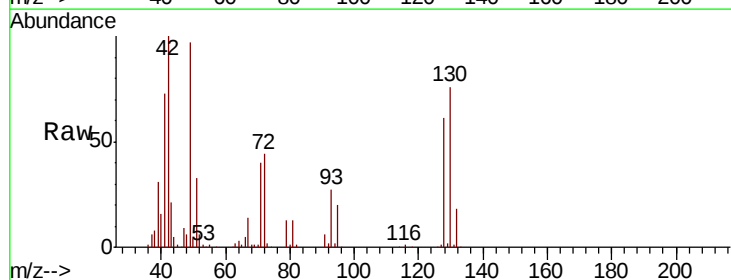
Tgt Ion: 49 Resp: 427365

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 79.3 60.2 90.2

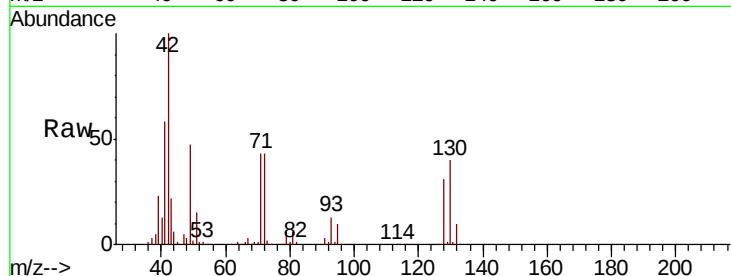




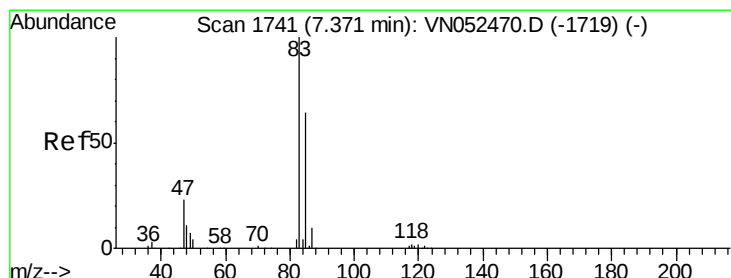
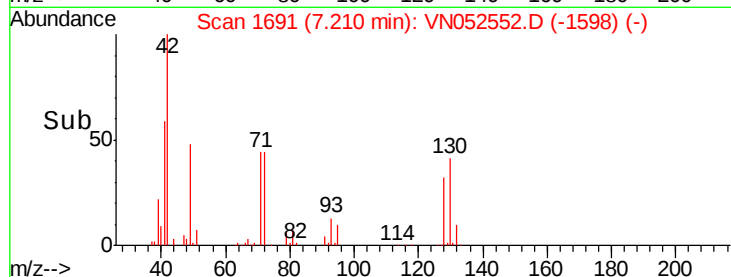
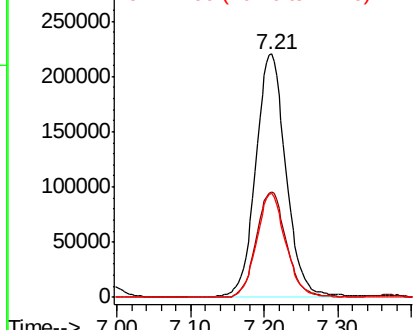
#29
Tetrahydrofuran
Concen: 211.716 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 42 Resp: 625657
Ion Ratio Lower Upper
42 100
72 43.6 33.3 49.9
71 41.4 32.0 48.0

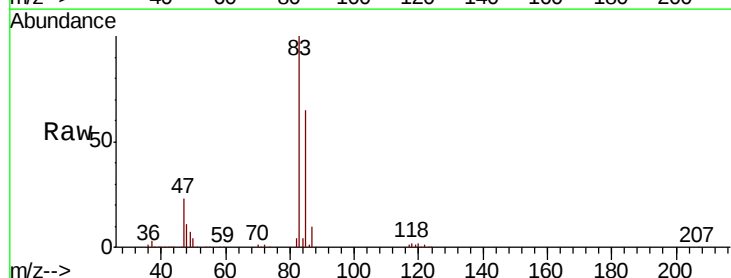


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

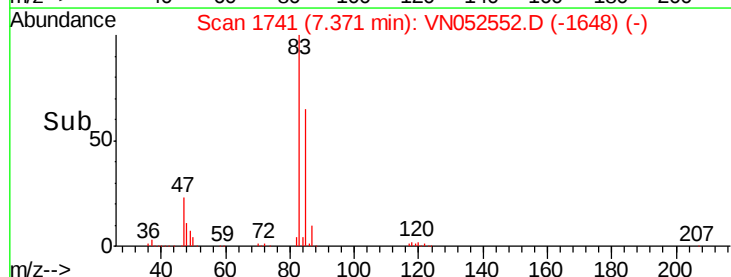
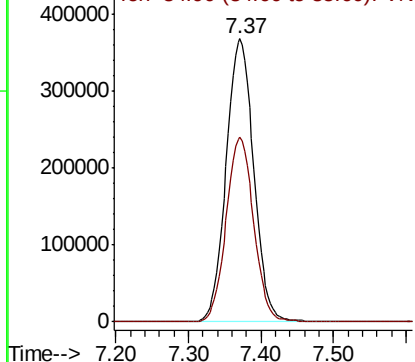


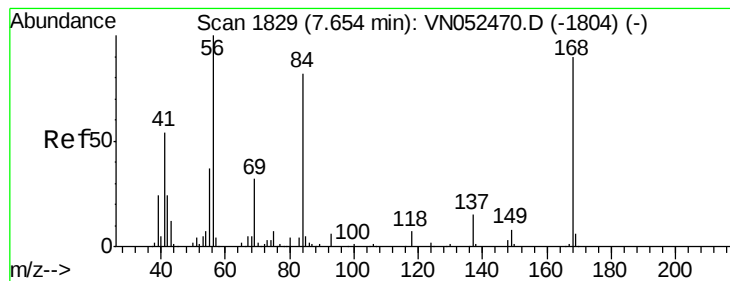
#30
Chloroform
Concen: 44.805 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Tgt Ion: 83 Resp: 974243
Ion Ratio Lower Upper
83 100
85 65.4 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 45.322 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

BFB

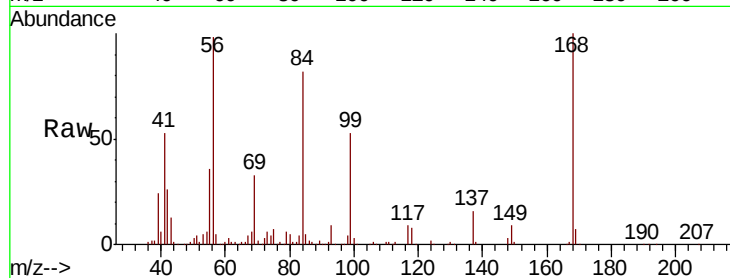
Tot Ion: 56 Resp: 956773

Ion Ratio Lower Upper

56 100

69 33.4 25.8 38.6

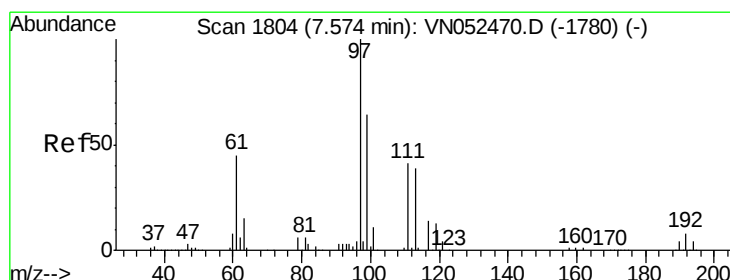
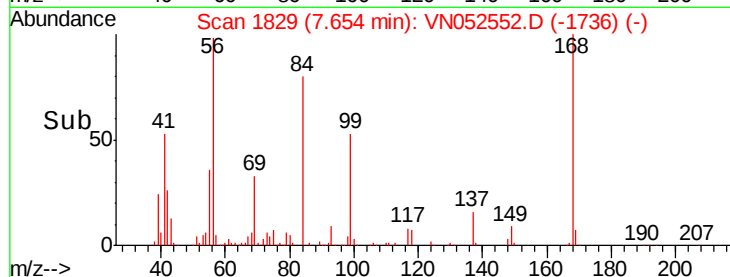
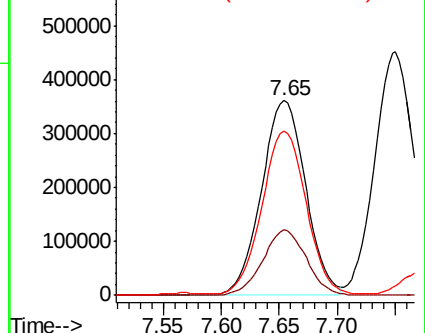
84 83.2 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN052470.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN052470.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN052470.D (-1804) (-)



#32

1,1,1-Trichloroethane

Concen: 46.853 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

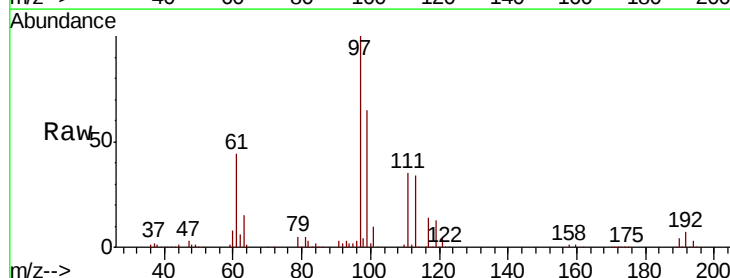
Tgt Ion: 97 Resp: 807169

Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

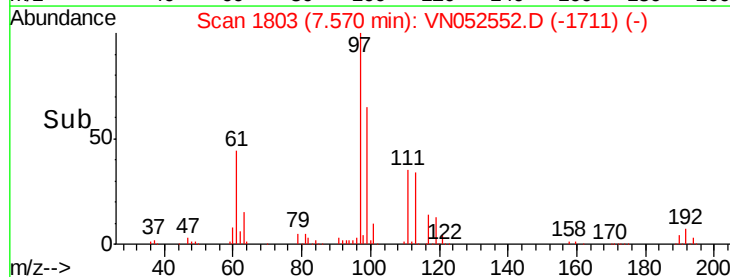
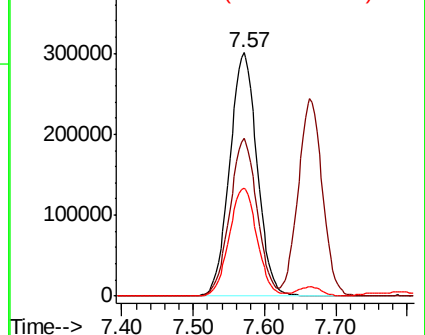
61 45.0 36.8 55.2



Abundance Ion 96.90 (96.60 to 97.60): VN052470.D (-1780) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1780) (-)

Ion 60.90 (60.60 to 61.60): VN052470.D (-1780) (-)

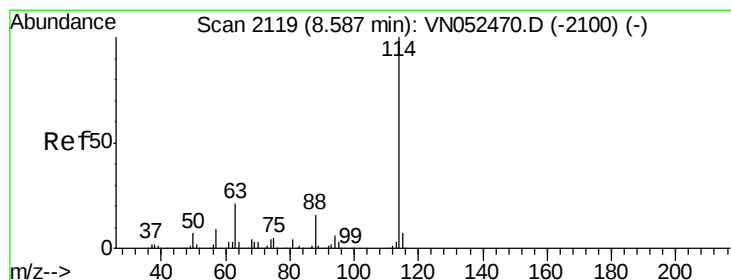
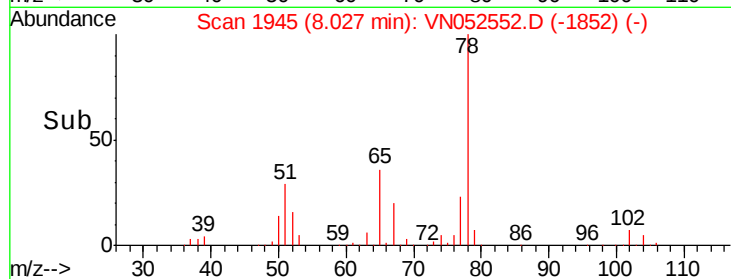
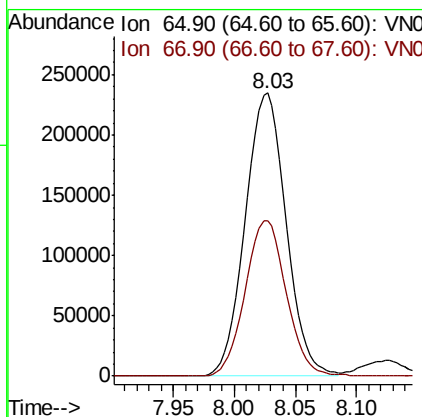
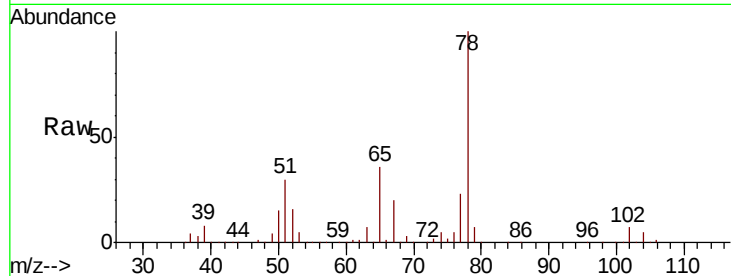




#33
 1,2-Dichloroethane-d4
 Concen: 46.853 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

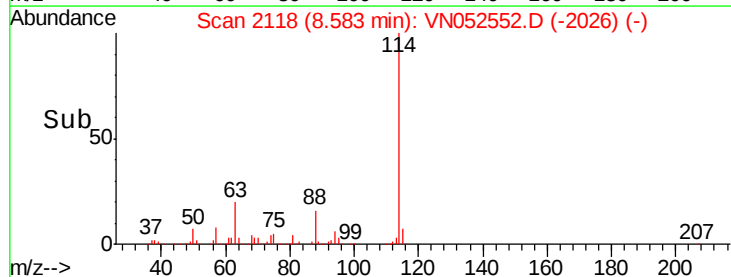
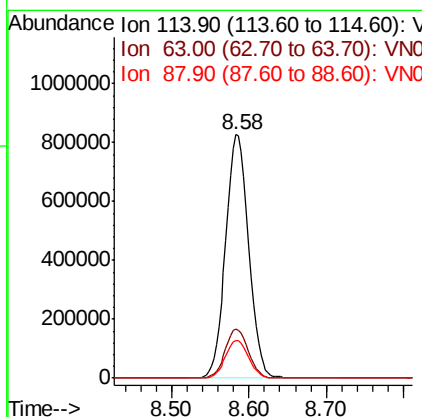
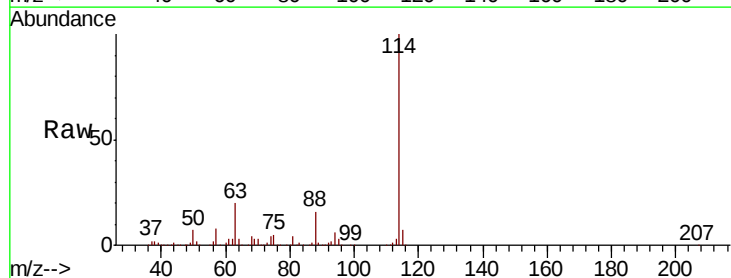
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

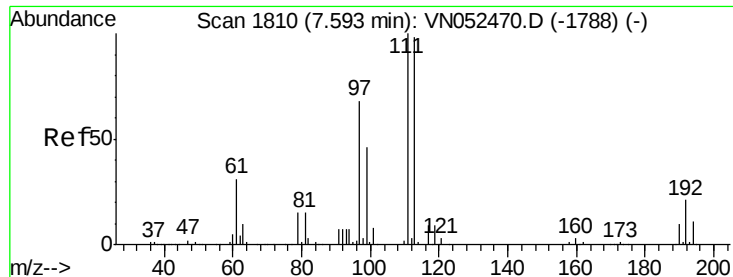
Tot Ion: 65 Resp: 544543
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

Tgt Ion: 114 Resp: 1700343
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.8
 88 15.5 0.0 31.6

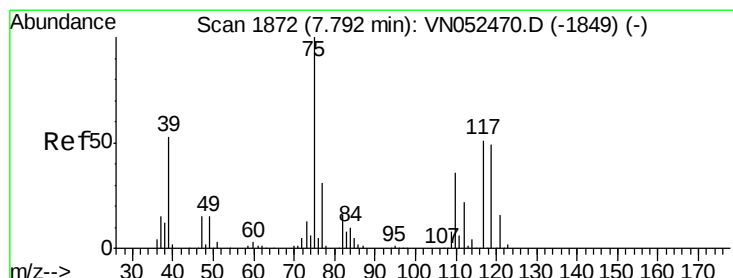
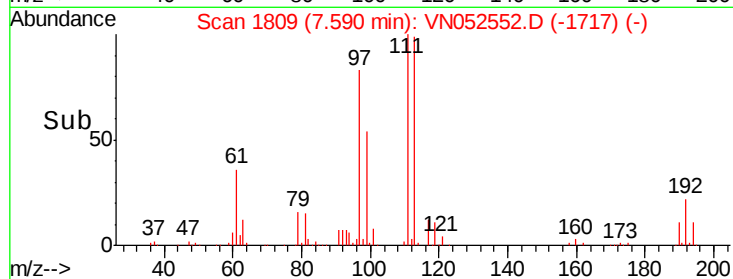
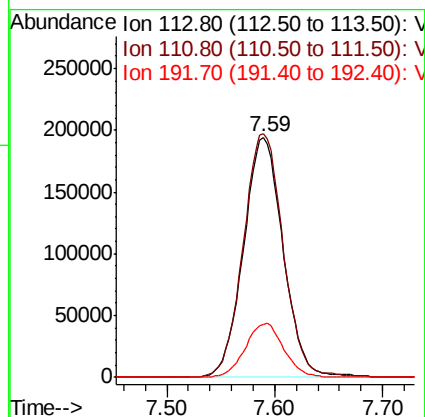
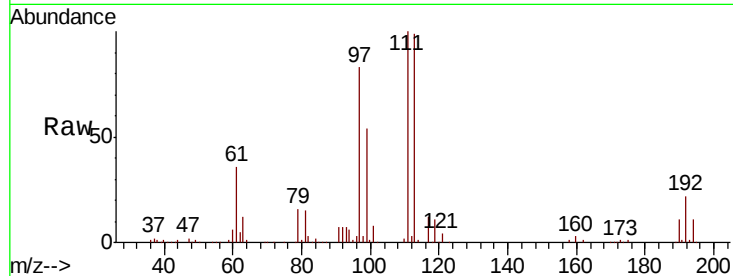




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

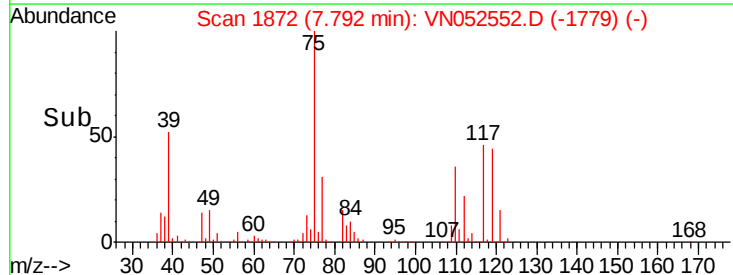
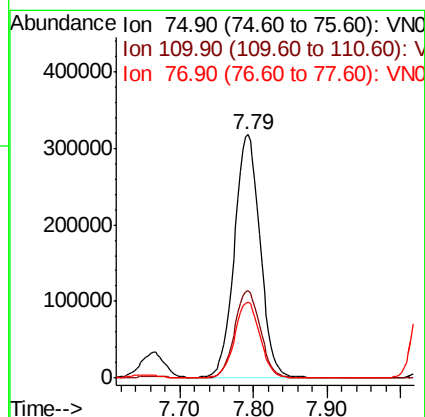
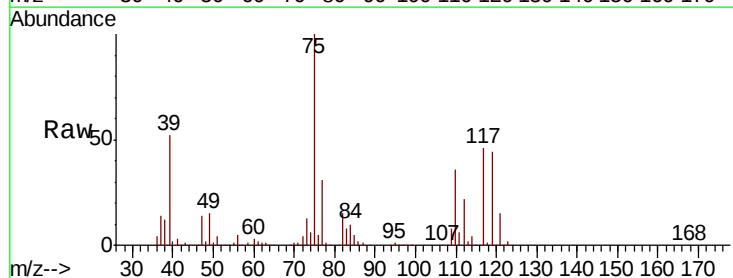
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

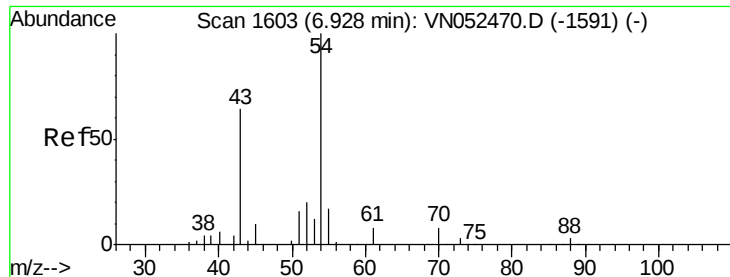
Tot Ion:113 Resp: 493433
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.0 123.0
 192 21.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 48.069 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

Tgt Ion: 75 Resp: 771828
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.5 52.6
 77 30.9 24.5 36.7

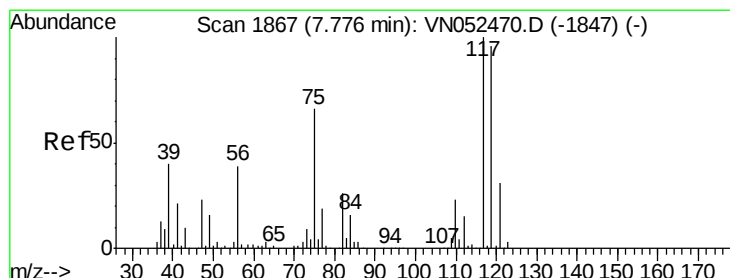
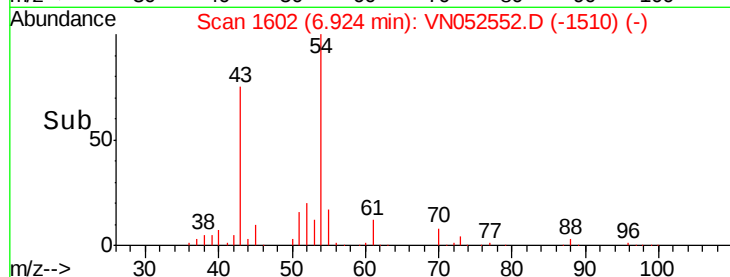
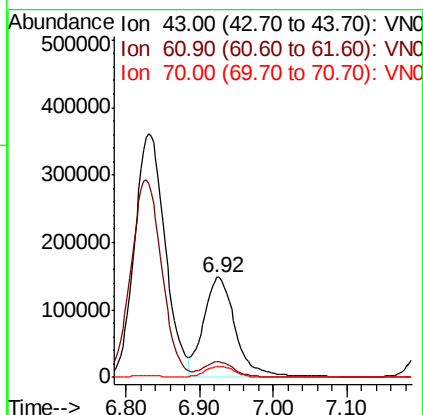
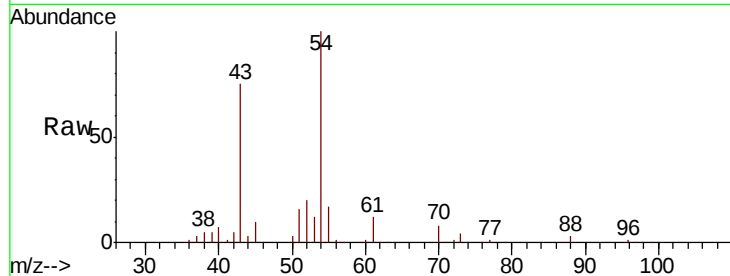




#37
Ethyl Acetate
Concen: 44.891 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

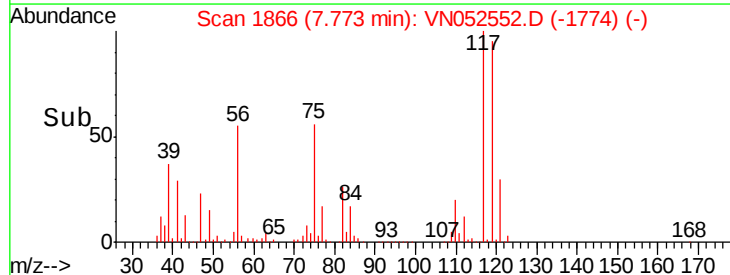
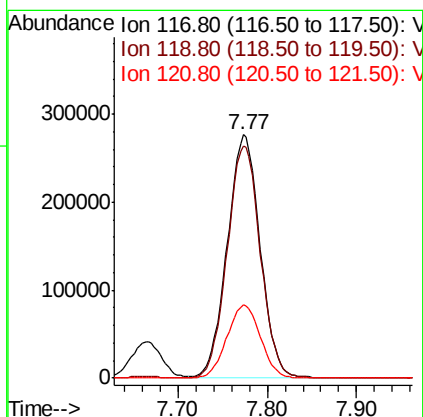
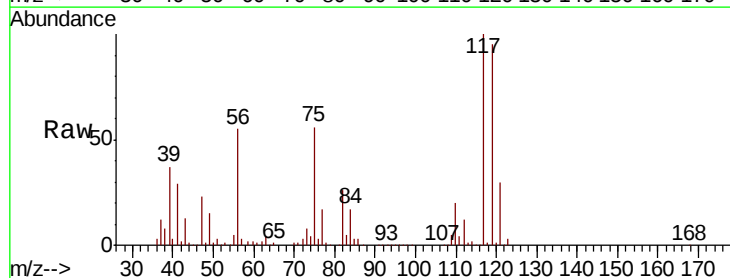
Instrument :
MSVOA_N
ClientSampled :
BFB

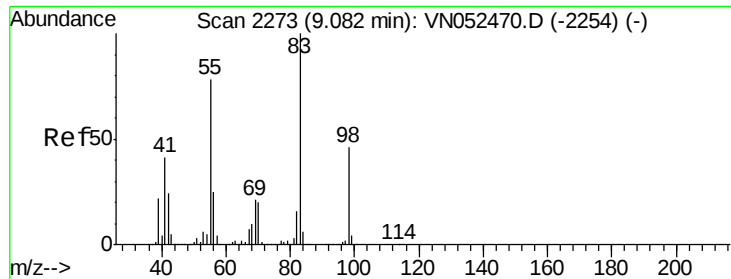
Tot Ion: 43 Resp: 439900
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.8
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.342 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Tgt Ion: 117 Resp: 702689
Ion Ratio Lower Upper
117 100
119 95.4 76.8 115.2
121 30.2 24.9 37.3

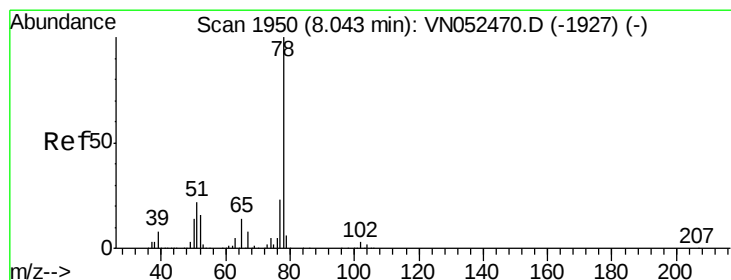
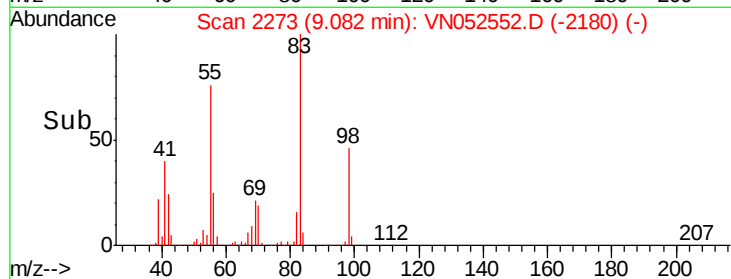
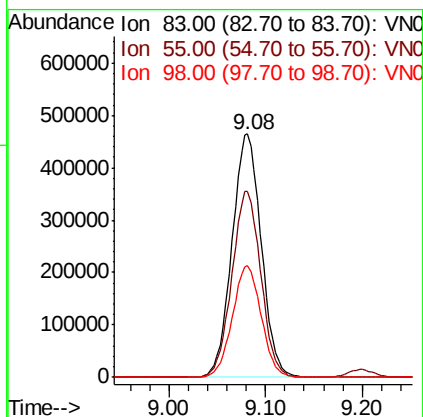
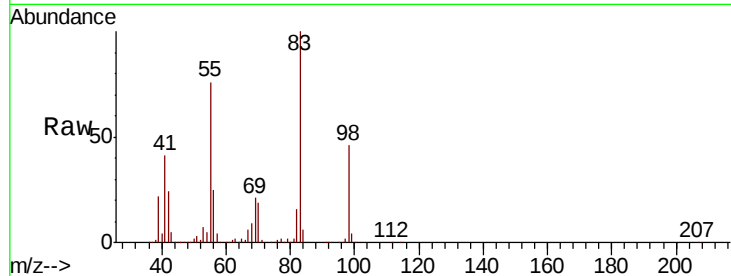




#39
Methvlcvclohexane
Concen: 49.842 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

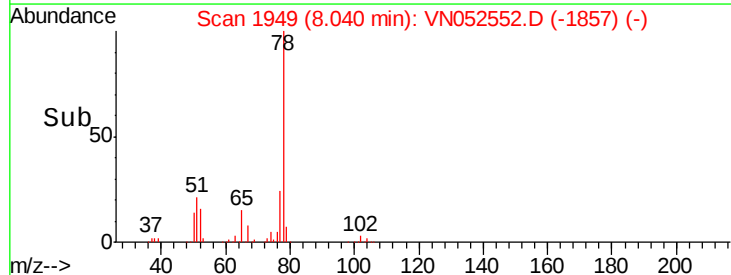
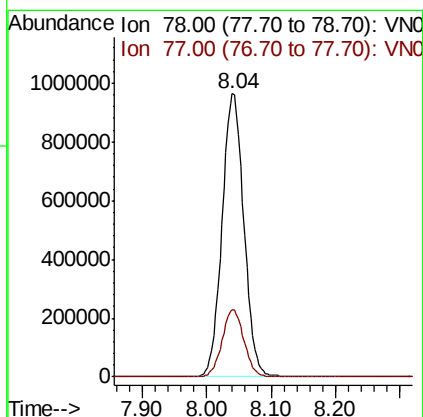
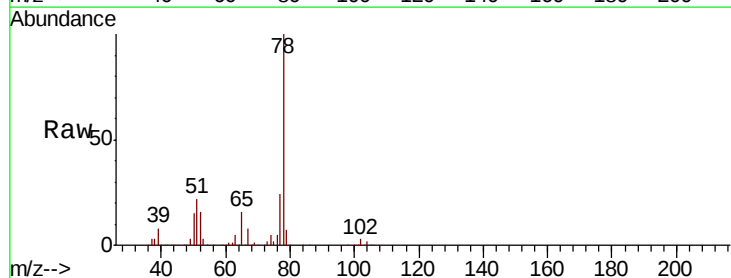
Instrument :
MSVOA_N
ClientSampled :
BFB

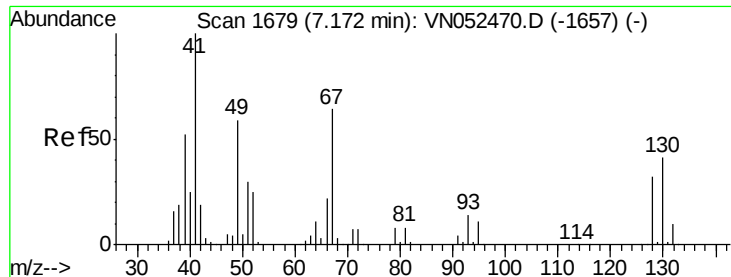
Tot Ion: 83 Resp: 972734
Ion Ratio Lower Upper
83 100
55 76.2 62.2 93.2
98 45.7 36.4 54.6



#40
Benzene
Concen: 47.511 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Tgt Ion: 78 Resp: 2273492
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

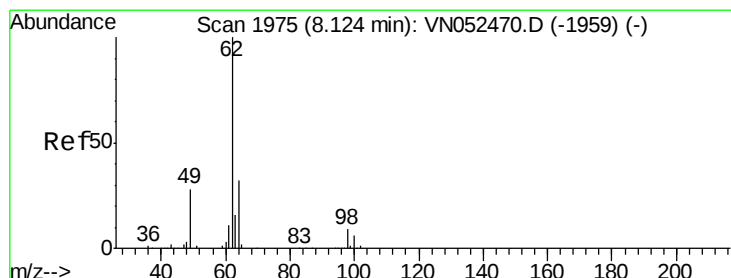
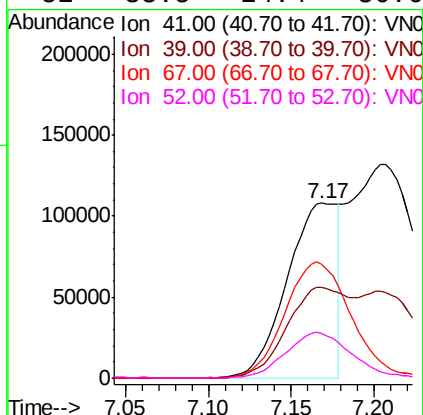
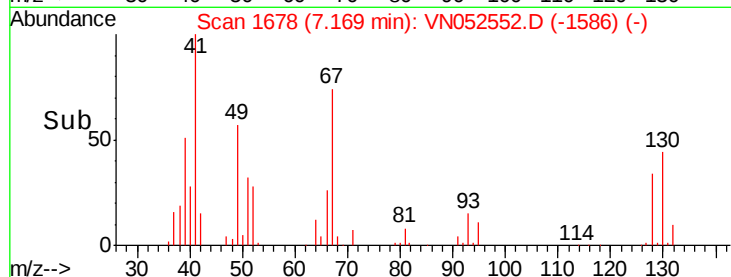
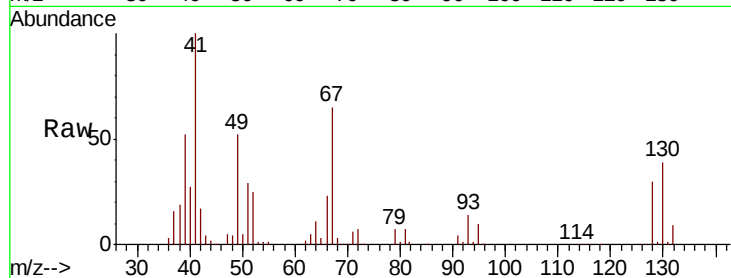




#41
Methacrylonitrile
Concen: 42.411 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

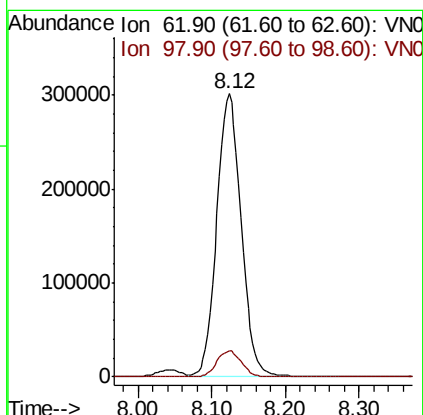
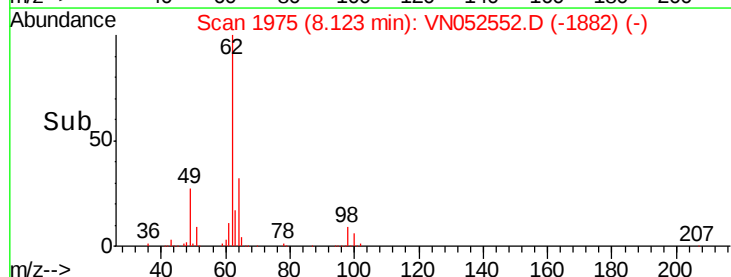
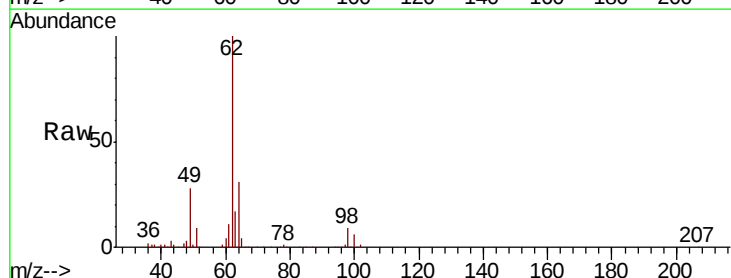
Instrument :
MSVOA_N
ClientSampled :
BFB

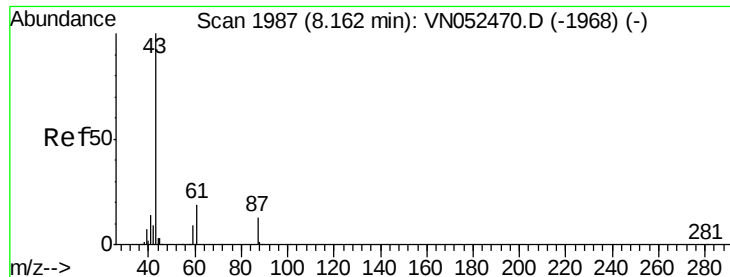
Tot Ion:	41	Resp:	227214
Ion	Ratio	Lower	Upper
41	100		
39	64.9	50.9	76.3
67	88.3	63.6	95.4
52	33.5	24.4	36.6



#42
1,2-Dichloroethane
Concen: 47.940 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Tgt Ion:	62	Resp:	694613
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6





#43

Isopropyl Acetate

Concen: 46.778 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

BFB

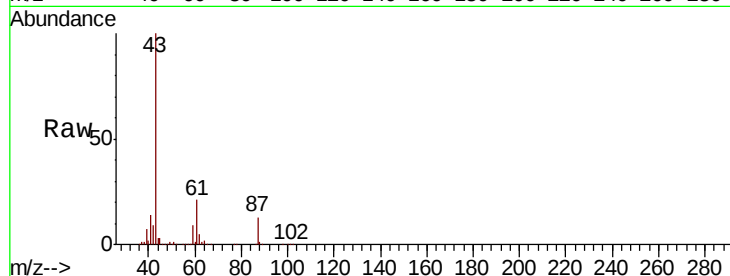
Tot Ion: 43 Resp: 775740

Ion Ratio Lower Upper

43 100

61 30.2 24.1 36.1

87 13.4 10.6 15.8

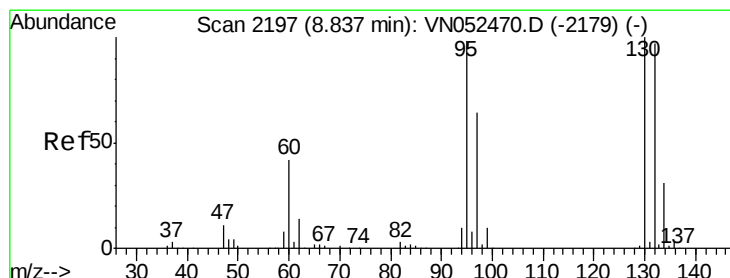
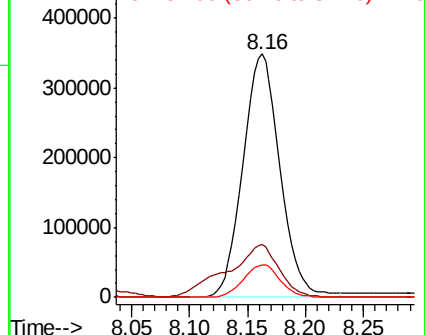
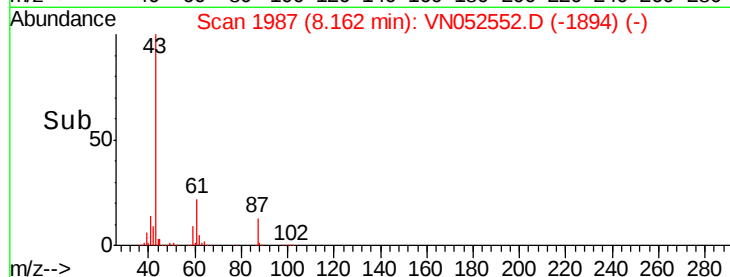


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)

Time-->



#44

Trichloroethene

Concen: 48.765 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN052552.D

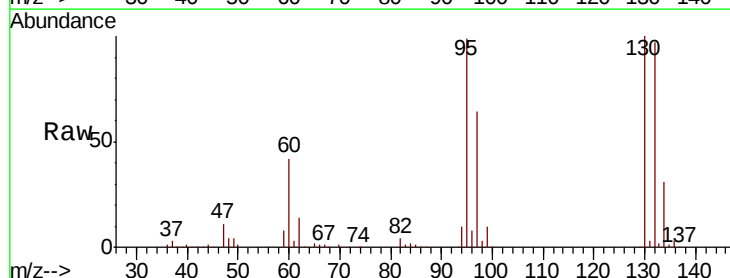
Acq: 29 Nov 2018 9:18

Tgt Ion:130 Resp: 597723

Ion Ratio Lower Upper

130 100

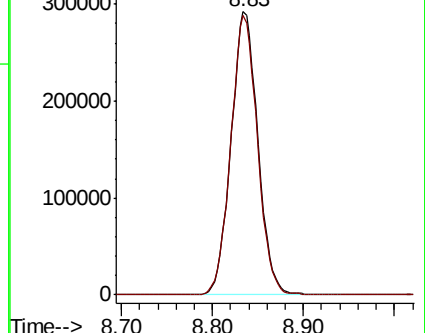
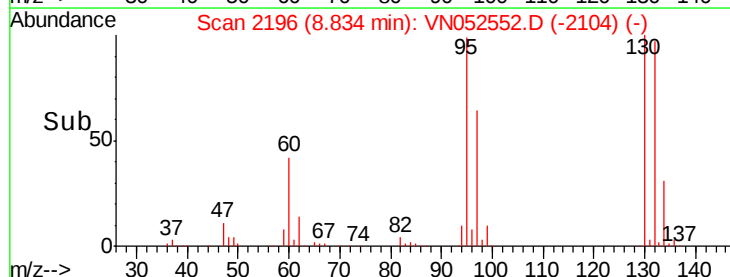
95 98.6 0.0 195.6

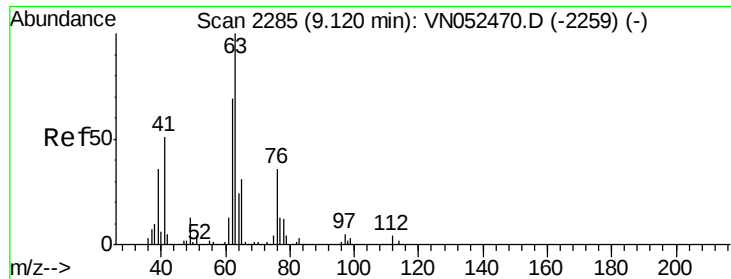


Abundance Ion 129.80 (129.50 to 130.50): VN052470.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052470.D (-2179) (-)

Time-->

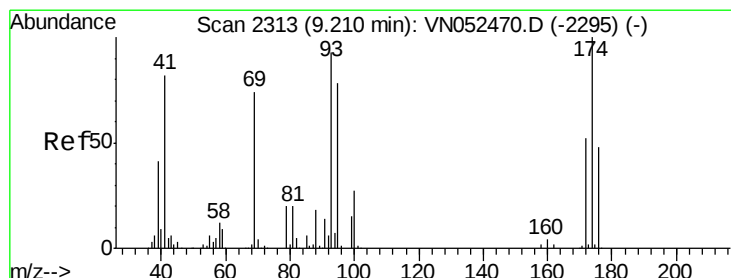
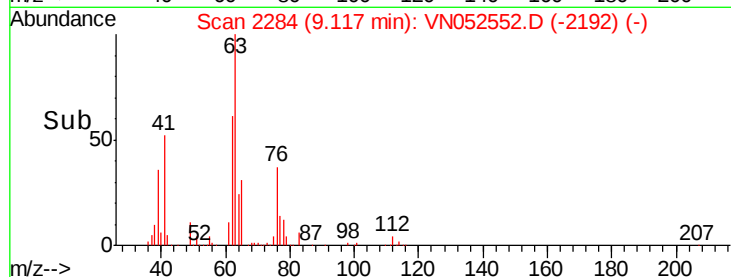
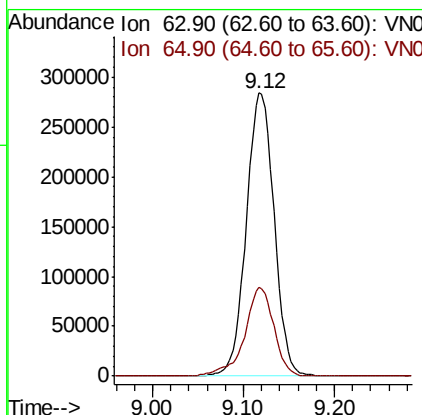
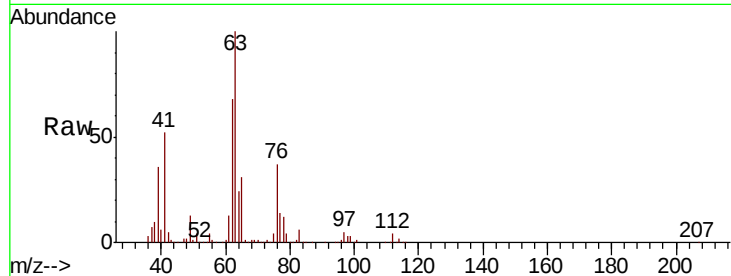




#45
 1,2-Dichloropropane
 Concen: 47.500 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

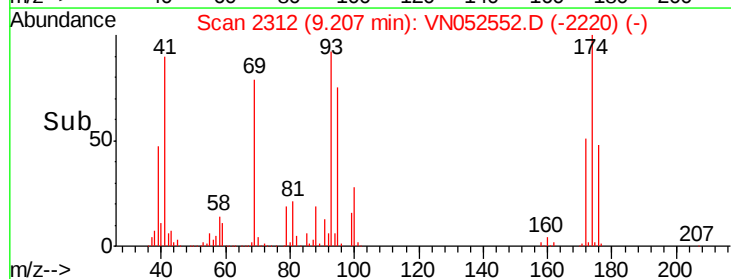
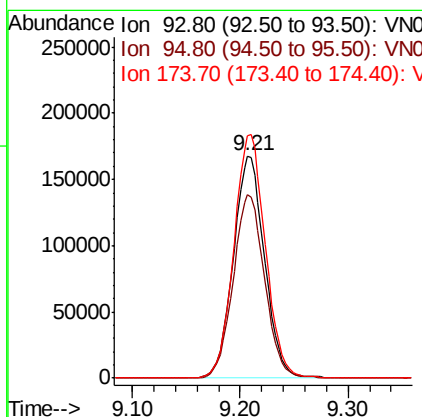
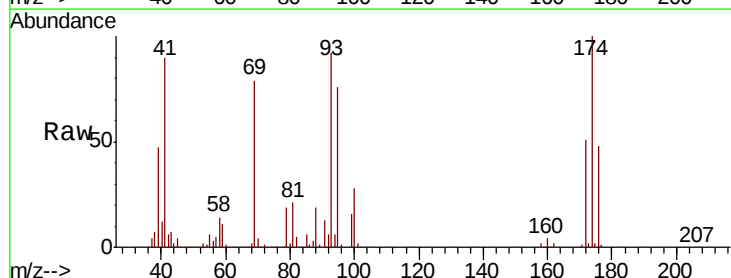
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

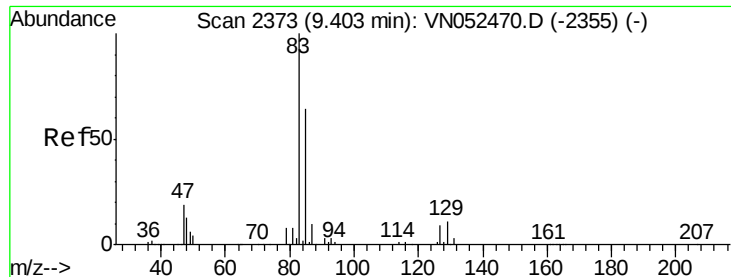
Tot Ion: 63 Resp: 604306
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.6



#46
 Dibromomethane
 Concen: 48.091 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

Tgt Ion: 93 Resp: 338692
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.1 100.7
 174 110.2 85.8 128.8

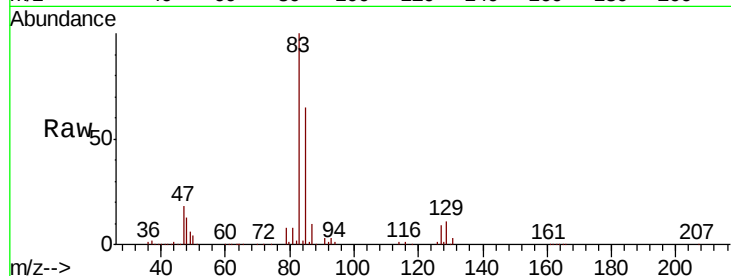




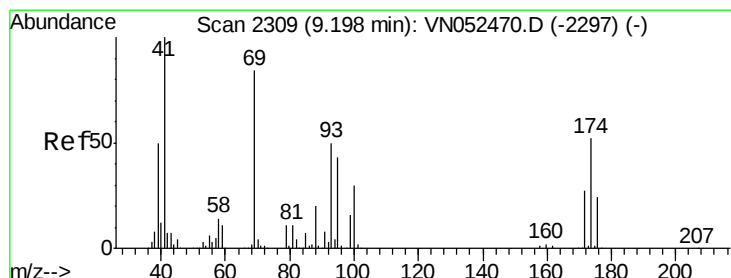
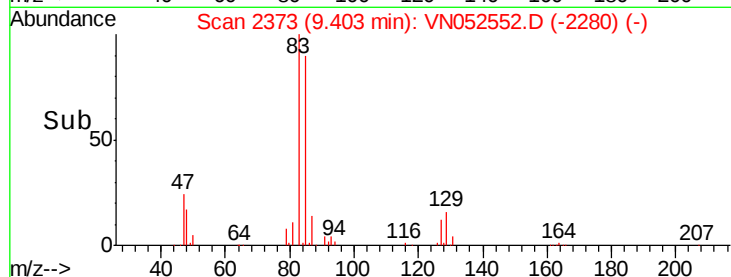
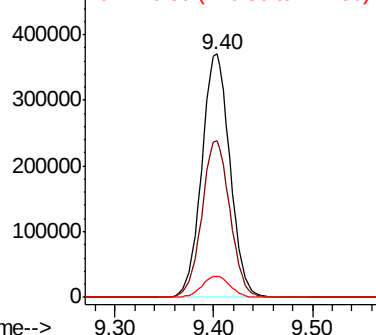
#47
Bromodichloromethane
Concen: 48.089 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion	83	Resp	736358
Ion Ratio	100		
Lower	51.3		
Upper	76.9		
85	64.5		
127	8.8		
	6.9		
	10.3		

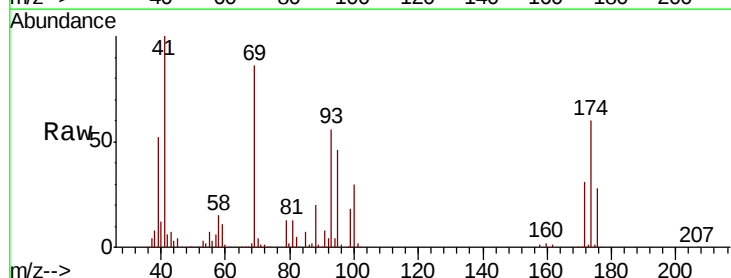


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

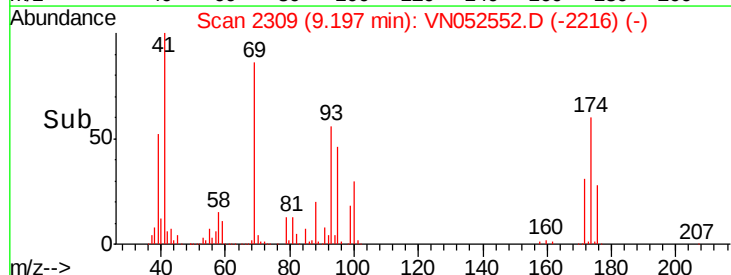
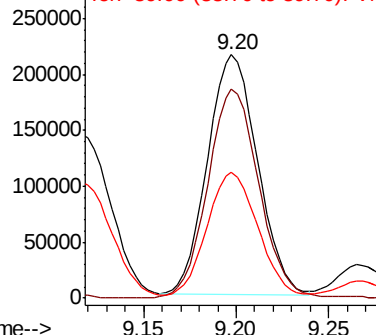


#48
Methyl methacrylate
Concen: 46.299 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Tgt Ion	41	Resp	400351
Ion Ratio	100		
Lower	70.0		
Upper	105.0		
69	89.8		
39	51.8		
	42.6		
	64.0		



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1034.699 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

BFB

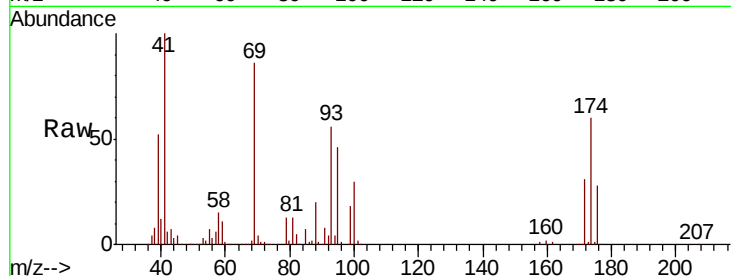
Tot Ion: 88 Resp: 92856

Ion Ratio Lower Upper

88 100

43 33.8 26.4 39.6

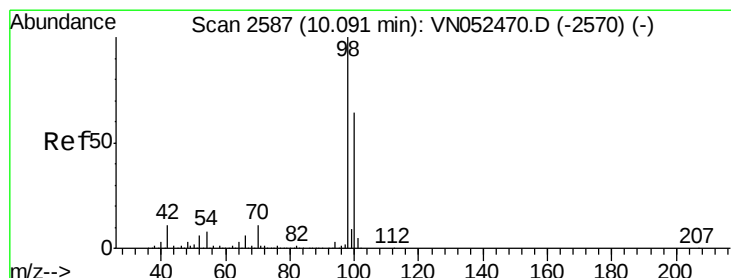
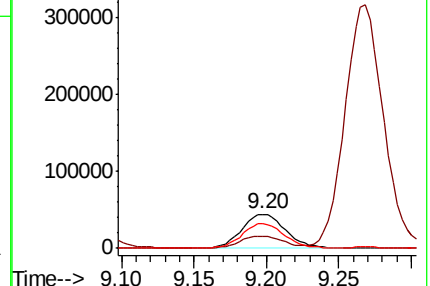
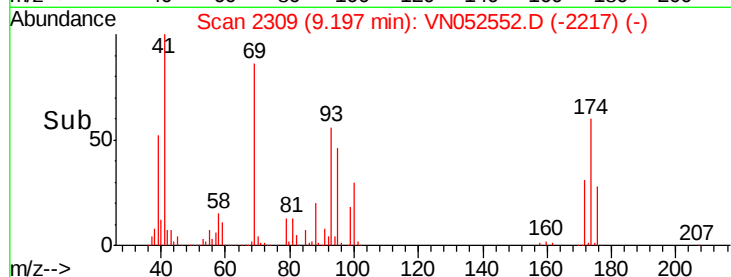
58 70.7 55.4 83.0



Abundance Ion 88.00 (87.70 to 88.70): VN052470.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN052470.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-2295) (-)



#50

Toluene-d8

Concen: 1034.699 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052552.D

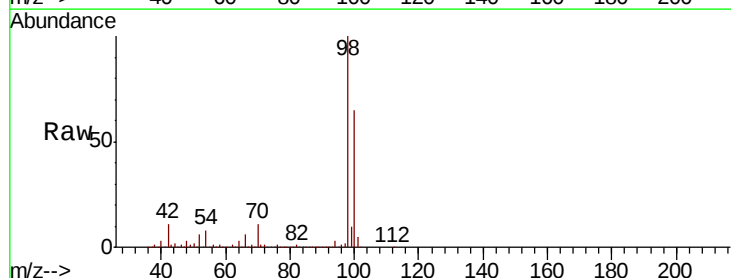
Acq: 29 Nov 2018 9:18

Tgt Ion: 98 Resp: 1926134

Ion Ratio Lower Upper

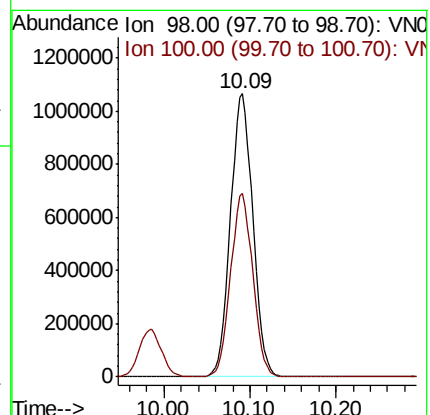
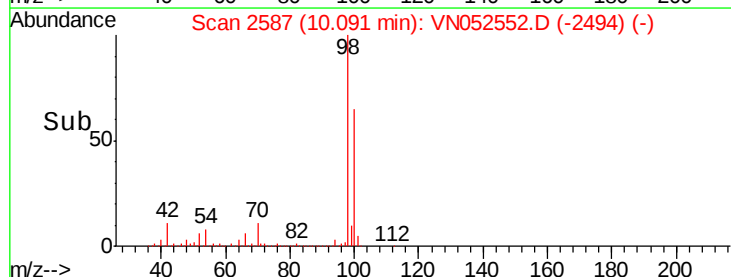
98 100

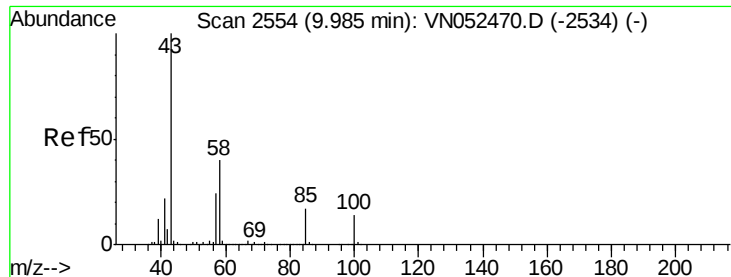
100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 232.687 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

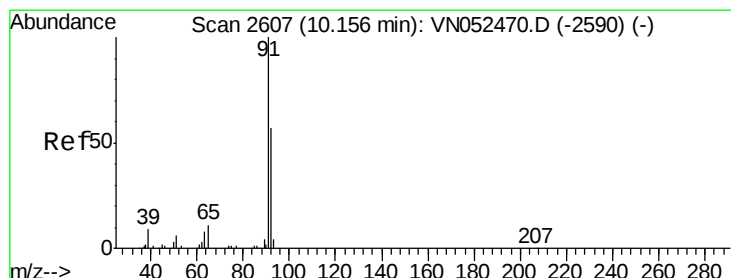
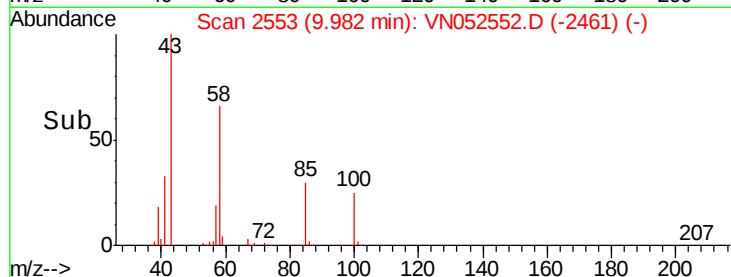
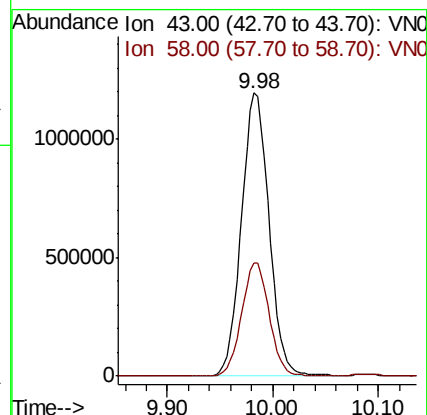
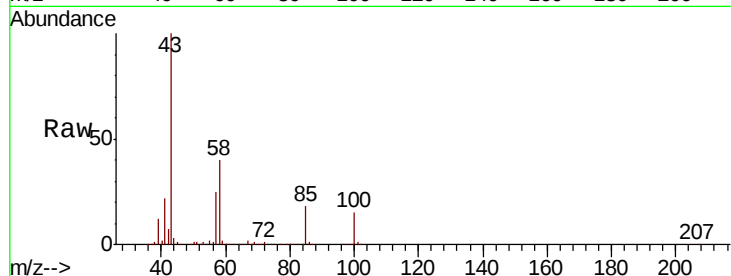
BFB

Tot Ion: 43 Resp: 2165036

Ion Ratio Lower Upper

43 100

58 40.0 31.5 47.3



#52

Toluene

Concen: 49.353 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052552.D

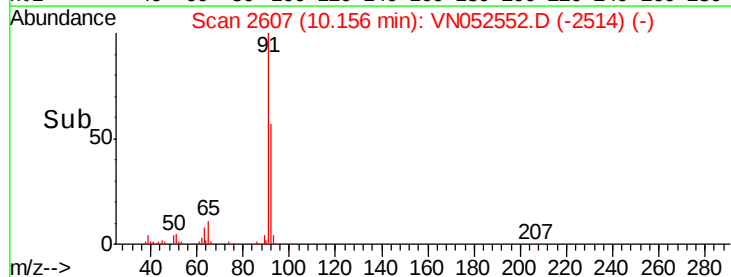
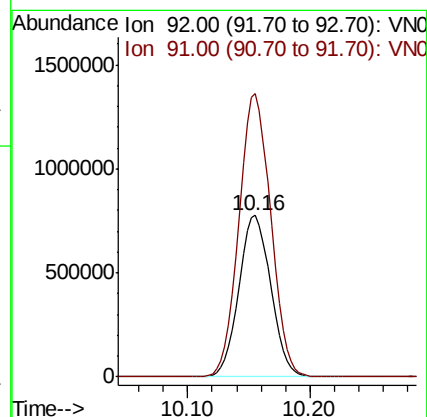
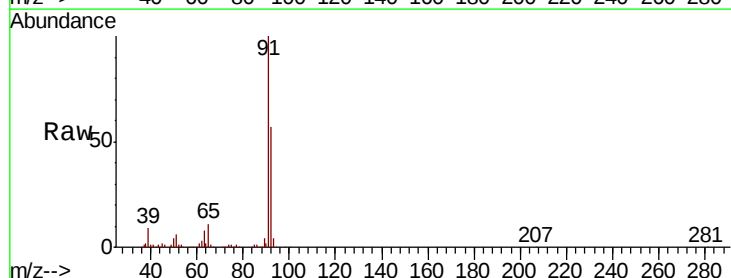
Acq: 29 Nov 2018 9:18

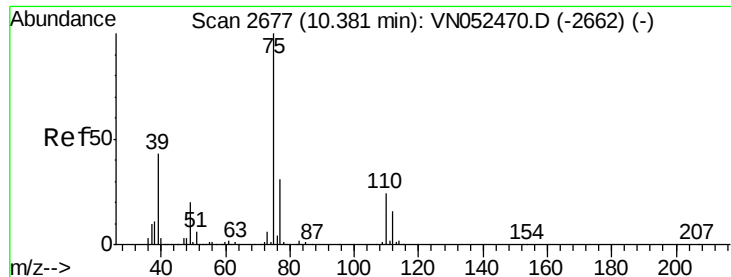
Tgt Ion: 92 Resp: 1403175

Ion Ratio Lower Upper

92 100

91 175.6 141.0 211.4





#53

t-1,3-Dichloropropene

Concen: 50.021 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

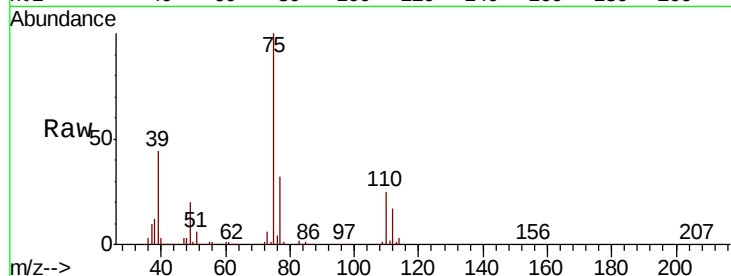
BFB

Tot Ion: 75 Resp: 736841

Ion Ratio Lower Upper

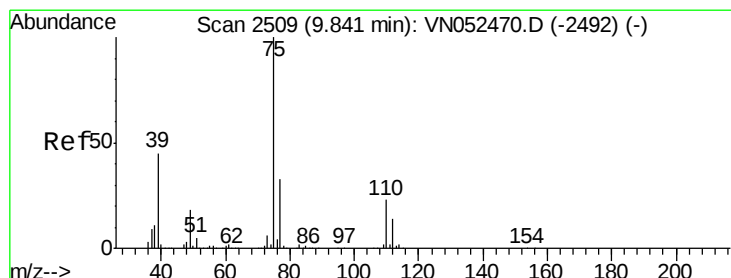
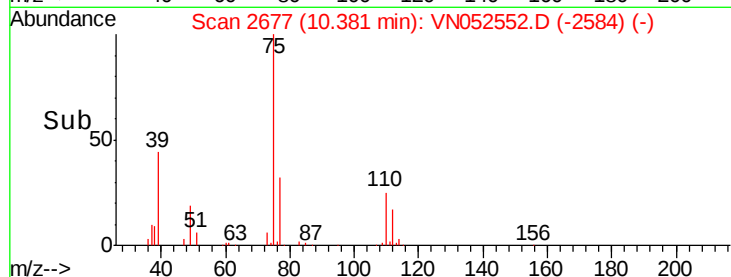
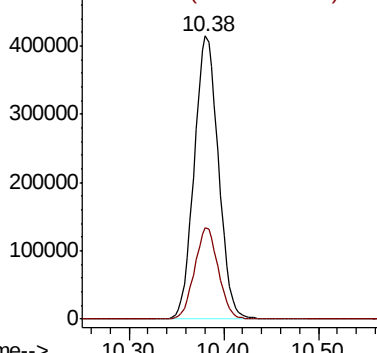
75 100

77 31.9 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 49.863 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

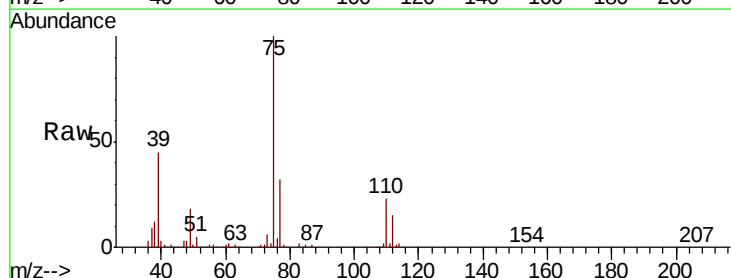
Tgt Ion: 75 Resp: 880229

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

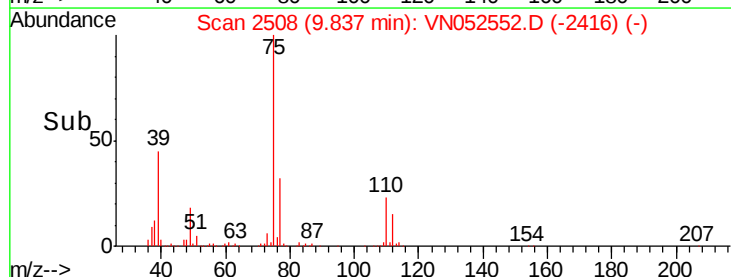
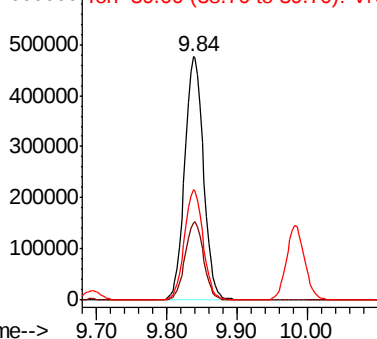
39 45.3 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

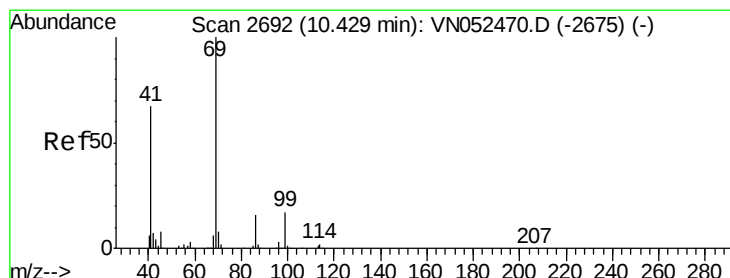
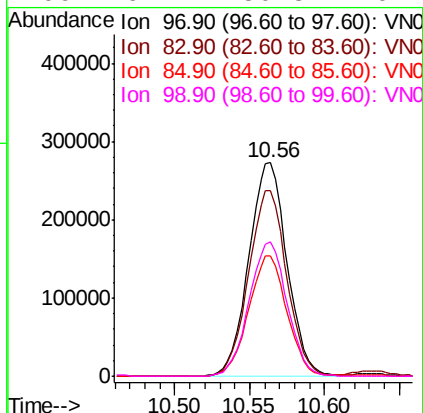
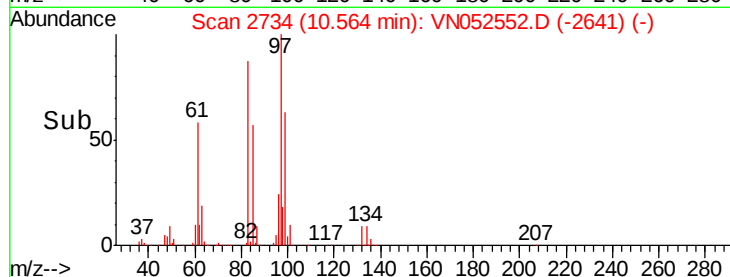
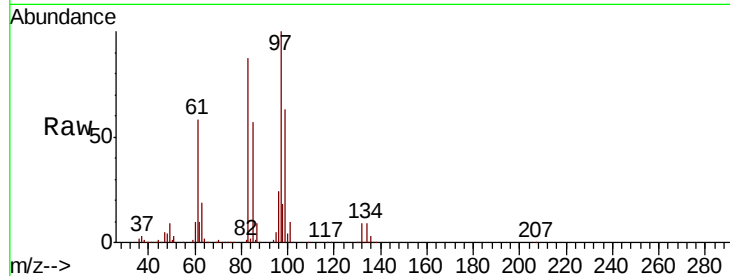




#55
 1,1,2-Trichloroethane
 Concen: 48.447 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

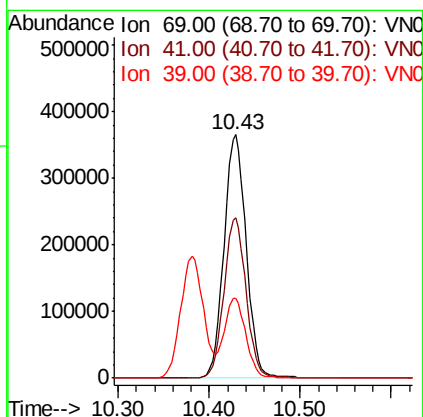
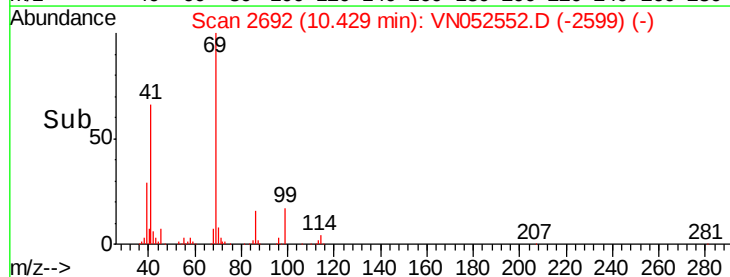
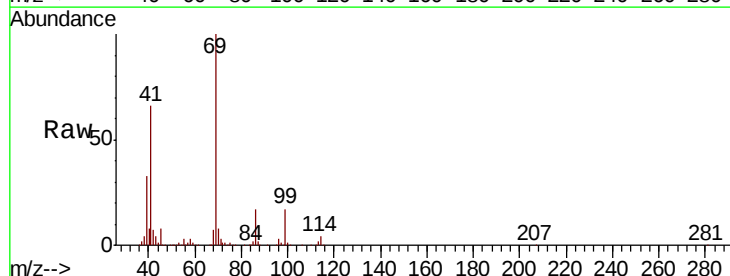
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

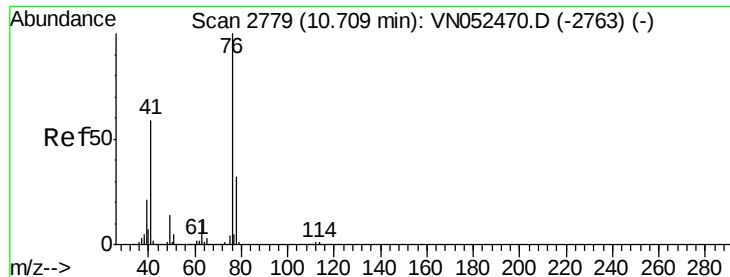
Tot Ion:	97	Resp:	484507
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.7	106.1
85	56.6	46.1	69.1
99	62.7	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 44.918 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

Tgt Ion:	69	Resp:	619764
Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.6	79.0
39	31.9	25.9	38.9





#57

1,3-Dichloropropane

Concen: 47.600 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

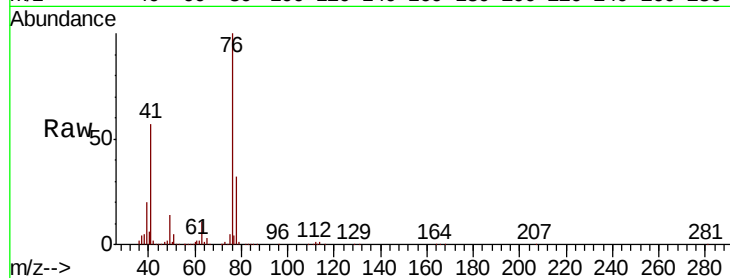
BFB

Tot Ion: 76 Resp: 840552

Ion Ratio Lower Upper

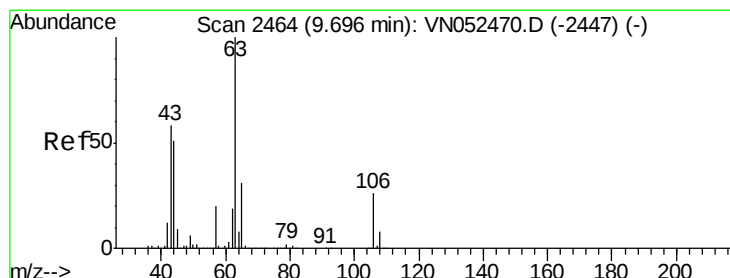
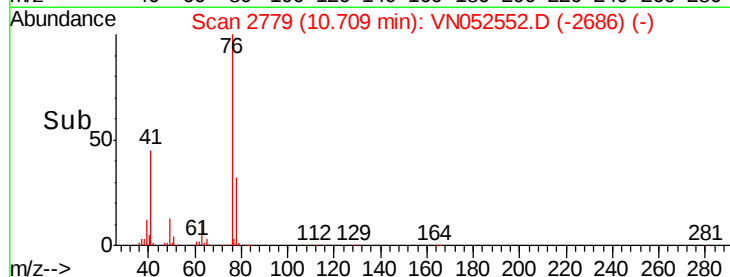
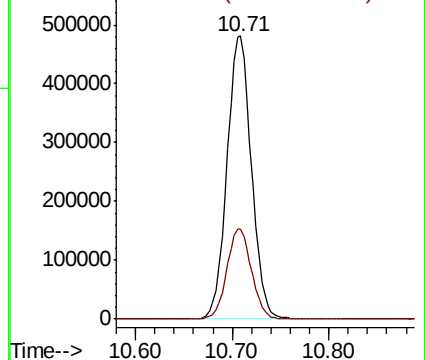
76 100

78 32.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 239.672 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN052552.D

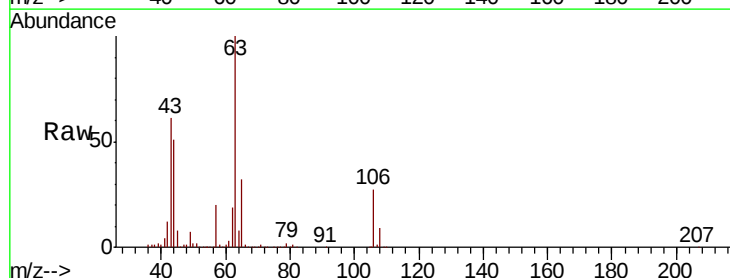
Acq: 29 Nov 2018 9:18

Tgt Ion: 63 Resp: 1739252

Ion Ratio Lower Upper

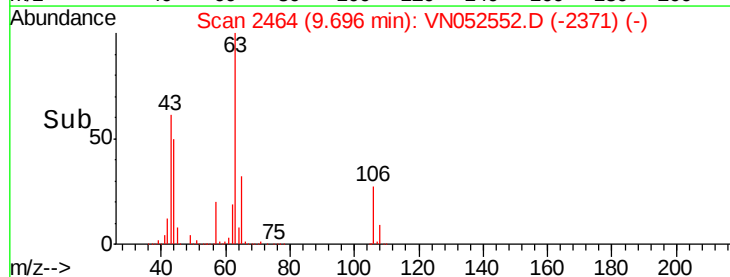
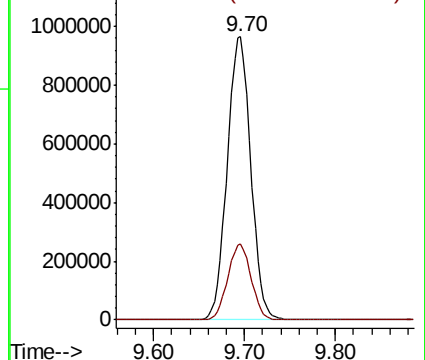
63 100

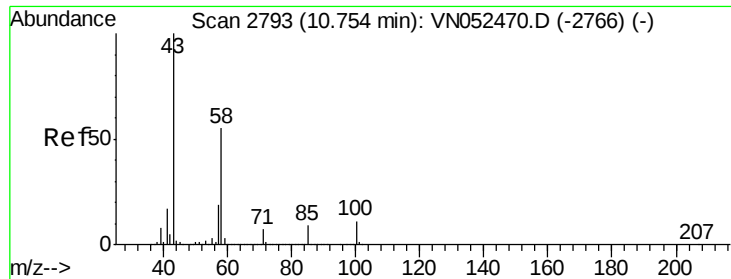
106 26.6 20.6 30.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

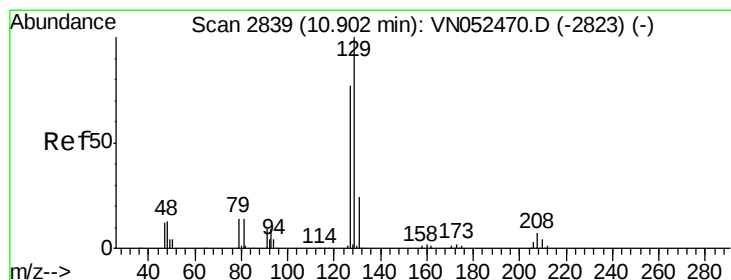
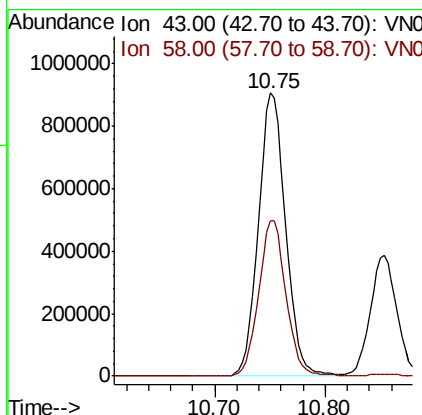
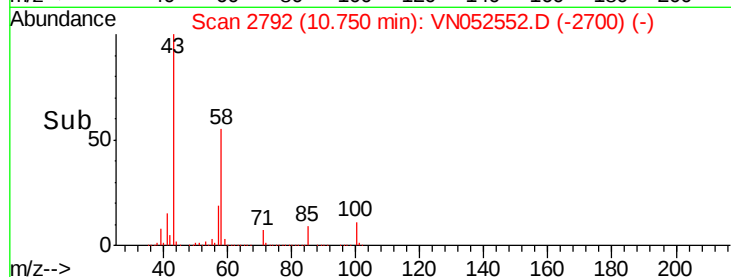
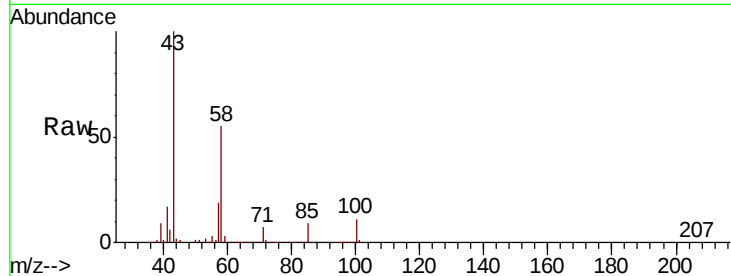




#59
2-Hexanone
Concen: 247.125 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

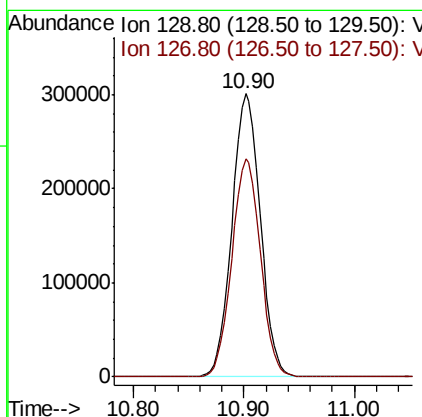
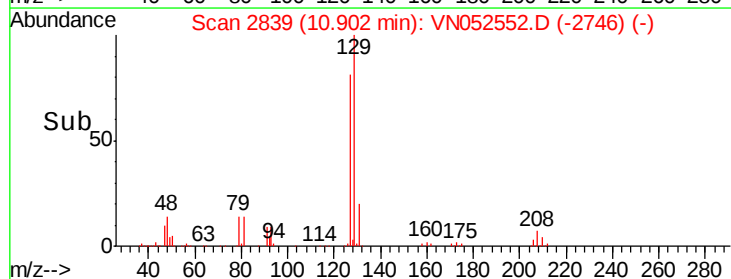
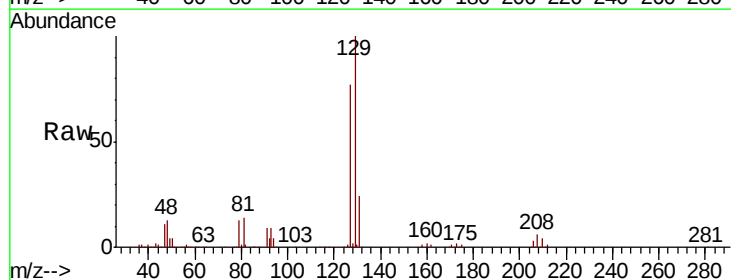
Instrument :
MSVOA_N
ClientSampled :
BFB

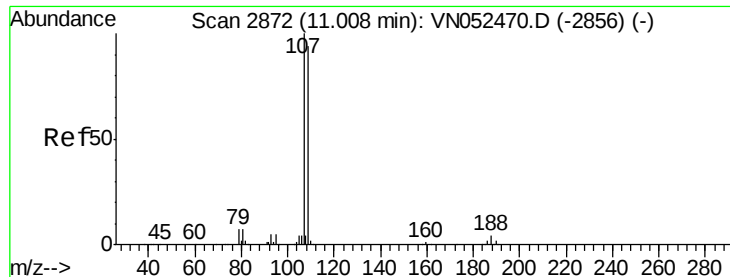
Tot Ion: 43 Resp: 1543229
Ion Ratio Lower Upper
43 100
58 55.3 27.4 82.0



#60
Dibromochloromethane
Concen: 49.483 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Tgt Ion: 129 Resp: 537477
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 48.334 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

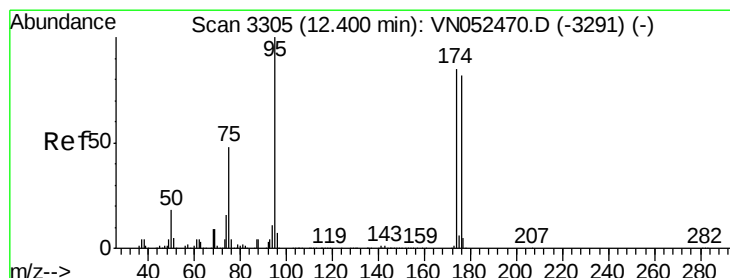
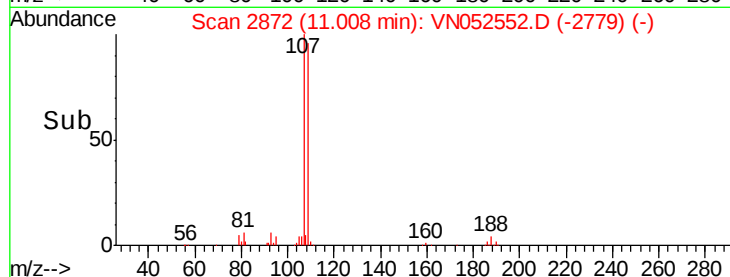
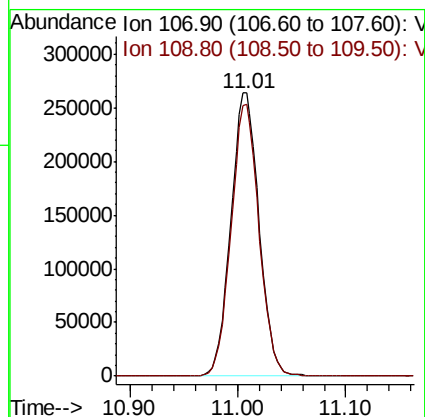
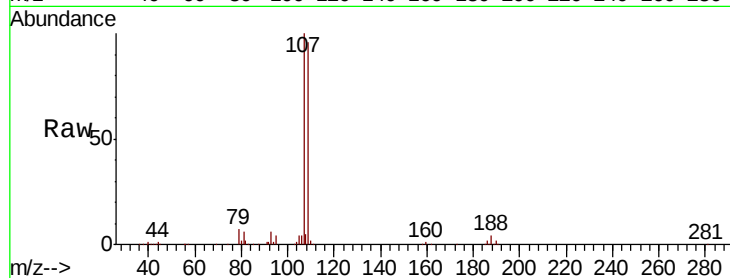
BFB

Tot Ion:107 Resp: 480094

Ion Ratio Lower Upper

107 100

109 95.1 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.334 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

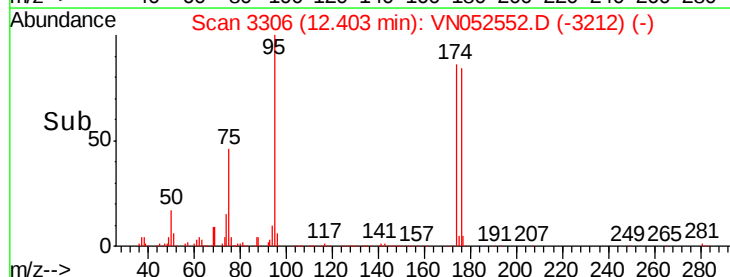
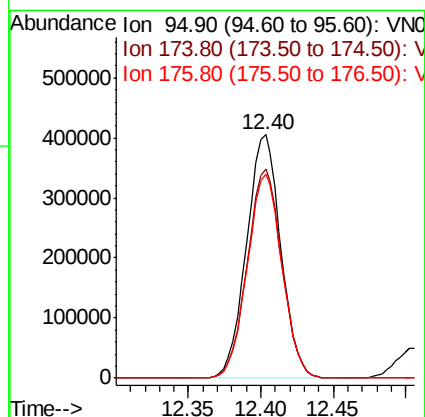
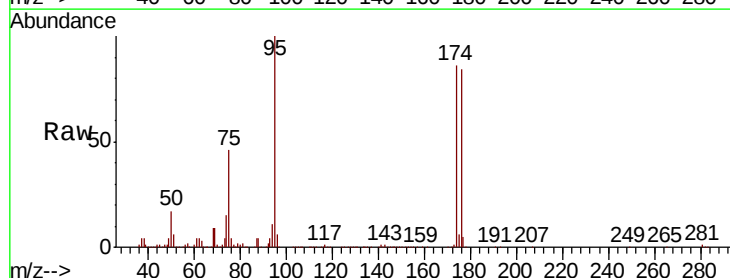
Tgt Ion: 95 Resp: 665226

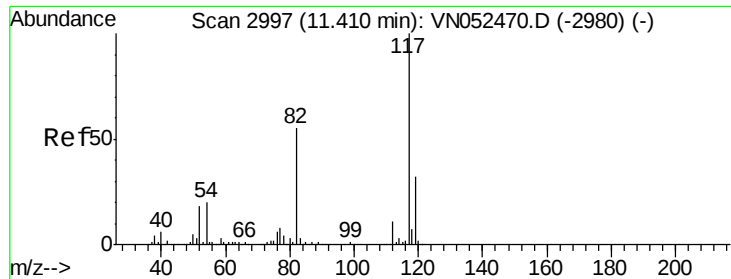
Ion Ratio Lower Upper

95 100

174 87.0 0.0 173.0

176 85.0 0.0 166.2

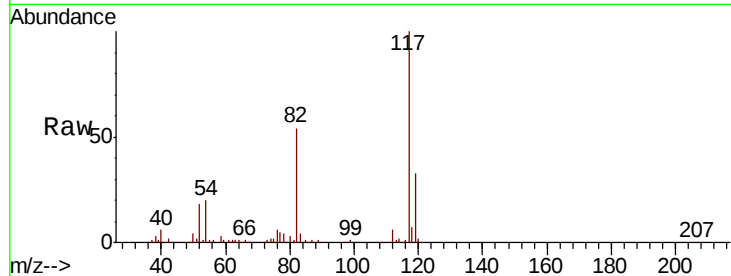




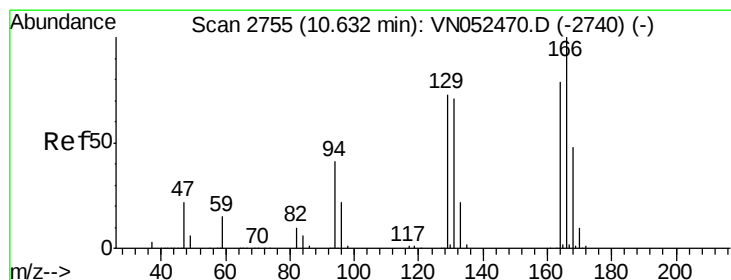
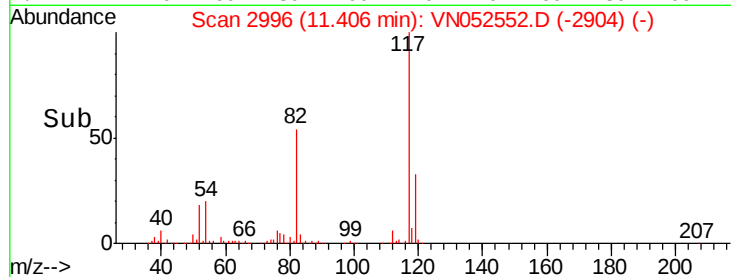
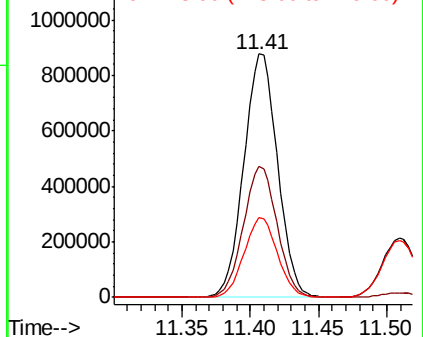
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:117 Resp: 1508094
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 32.5 25.4 38.2

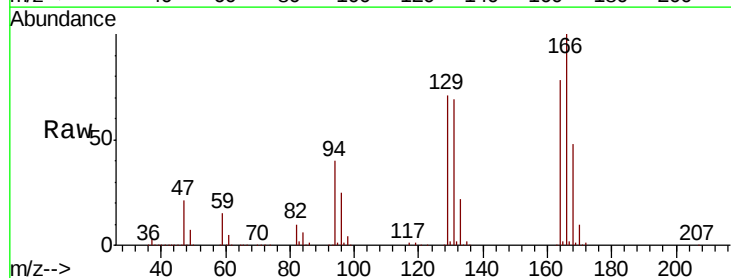


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

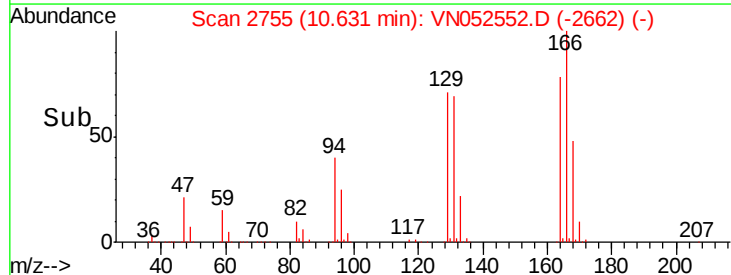
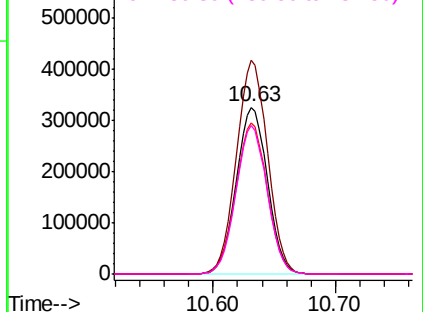


#64
Tetrachloroethene
Concen: 49.200 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Tgt Ion:164 Resp: 575283
Ion Ratio Lower Upper
164 100
166 128.0 101.0 151.4
129 90.9 73.8 110.6
131 88.7 71.2 106.8



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: 49.593 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

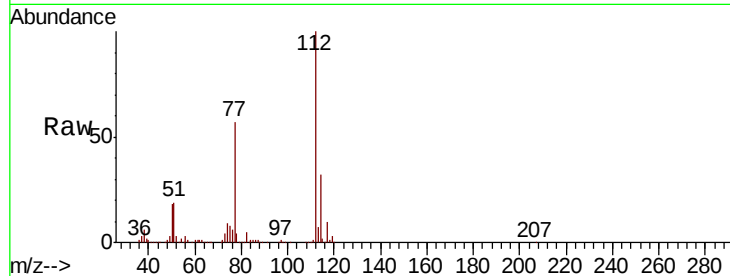
BFB

Tot Ion:112 Resp: 1542196

Ion Ratio Lower Upper

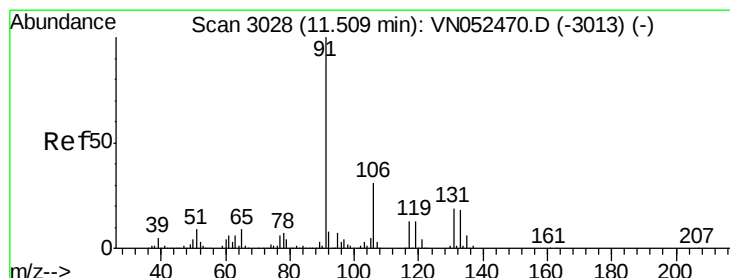
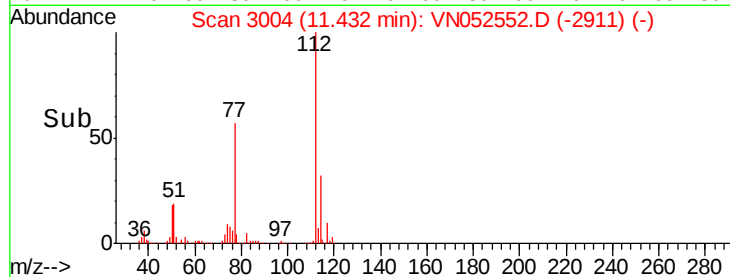
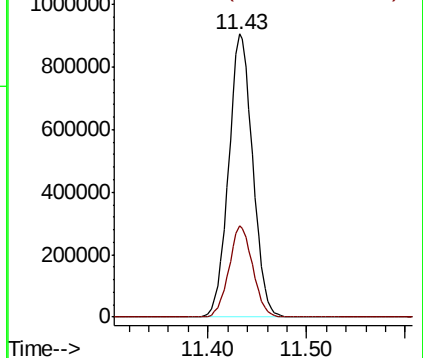
112 100

114 32.1 25.8 38.6



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: 49.374 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

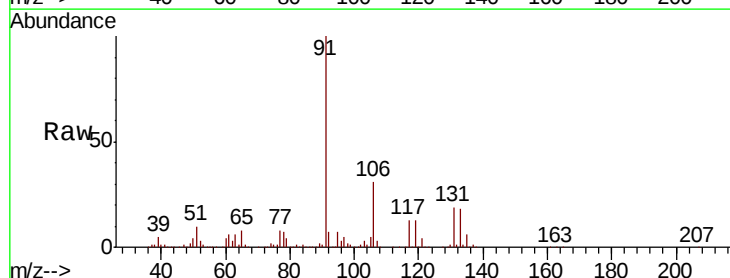
Tgt Ion:131 Resp: 533853

Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.8

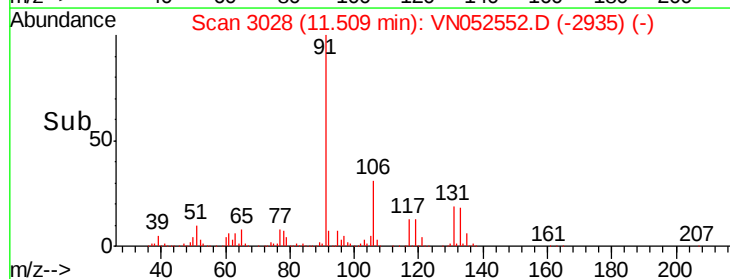
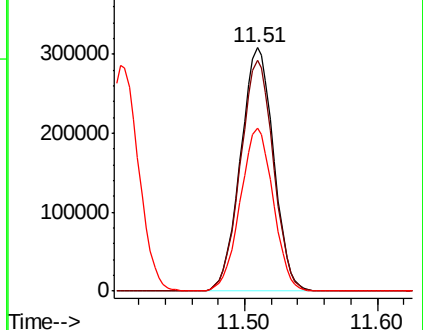
119 66.7 33.2 99.6

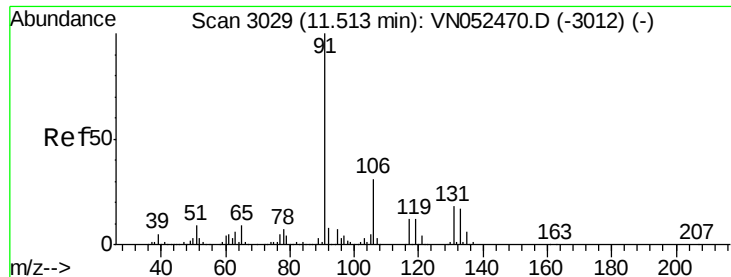


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

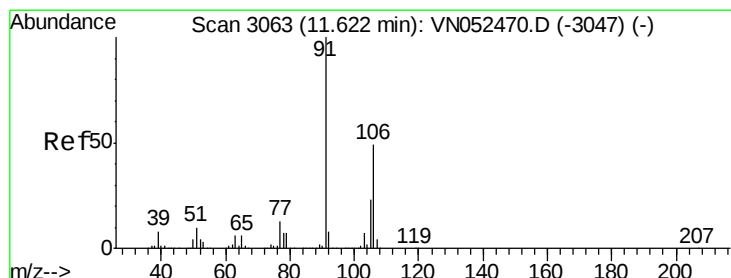
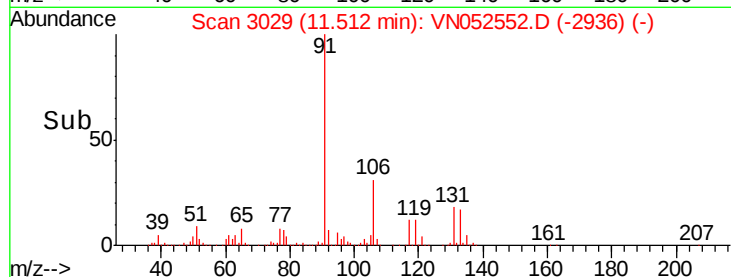
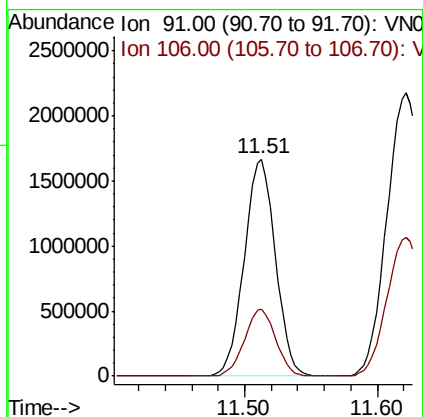
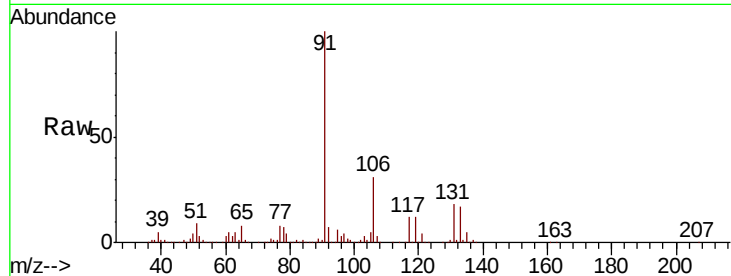




#67
Ethyl Benzene
Concen: 50.060 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

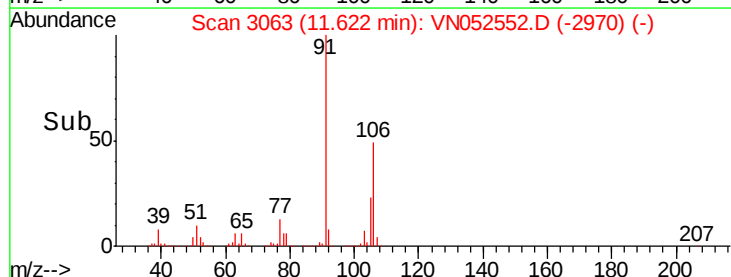
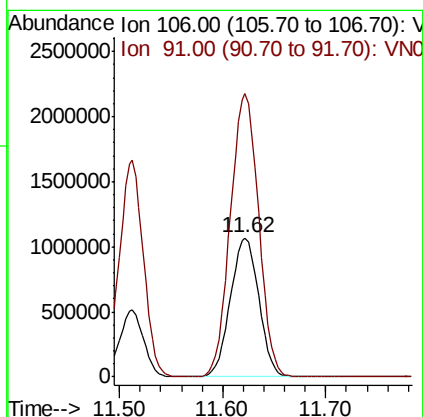
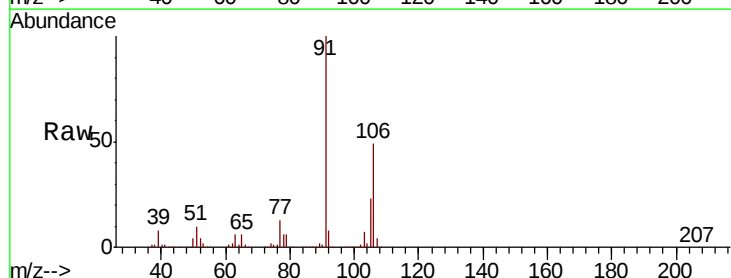
Instrument :
MSVOA_N
ClientSampled :
BFB

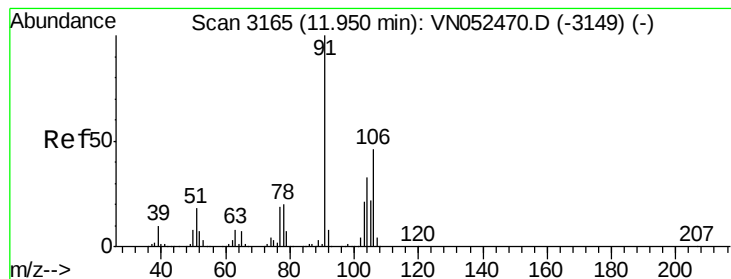
Tot Ion: 91 Resp: 2726069
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3



#68
m/p-Xylenes
Concen: 101.105 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Tgt Ion: 106 Resp: 2049669
Ion Ratio Lower Upper
106 100
91 203.2 163.2 244.8





#69

o-Xylene

Concen: 50.559 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

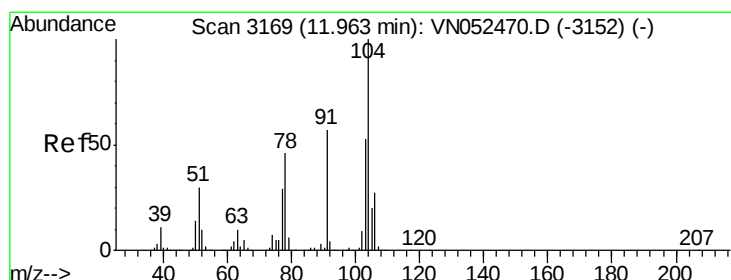
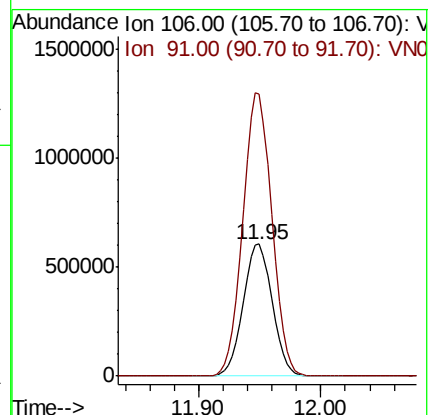
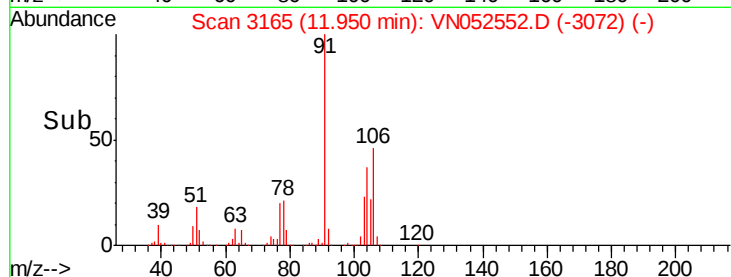
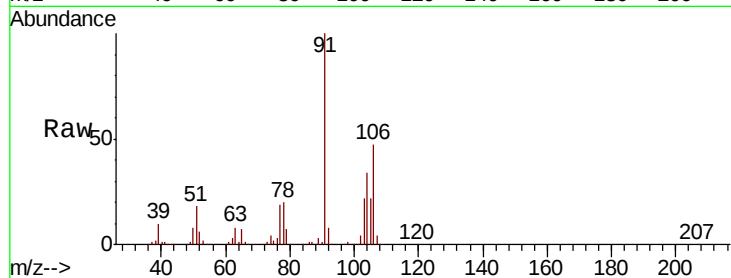
BFB

Tot Ion:106 Resp: 995336

Ion Ratio Lower Upper

106 100

91 214.6 107.7 323.1



#70

Styrene

Concen: 51.995 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

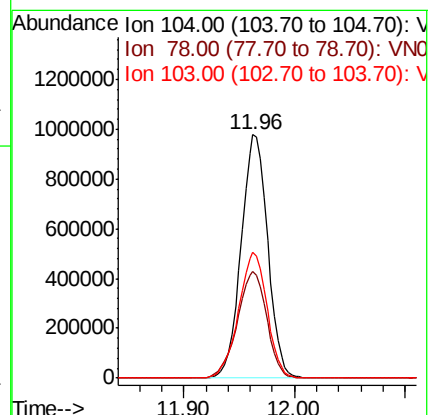
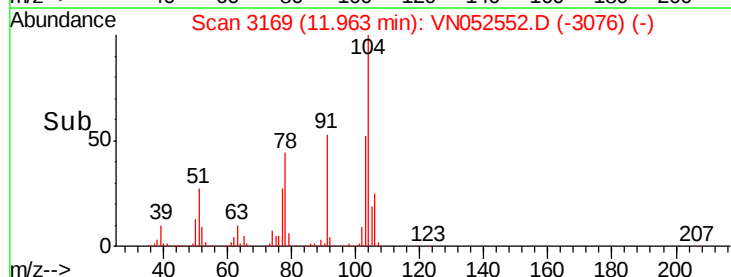
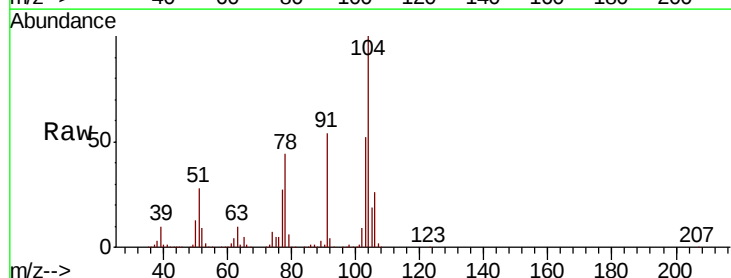
Tgt Ion:104 Resp: 1630349

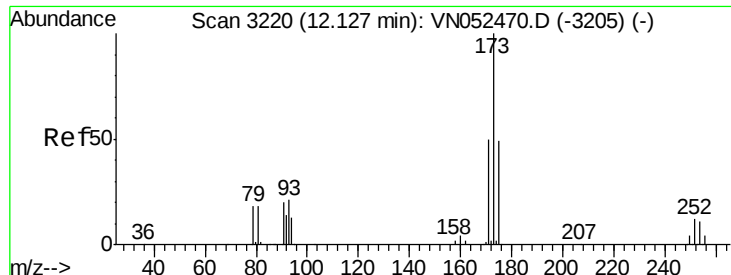
Ion Ratio Lower Upper

104 100

78 48.3 39.4 59.2

103 55.7 44.9 67.3

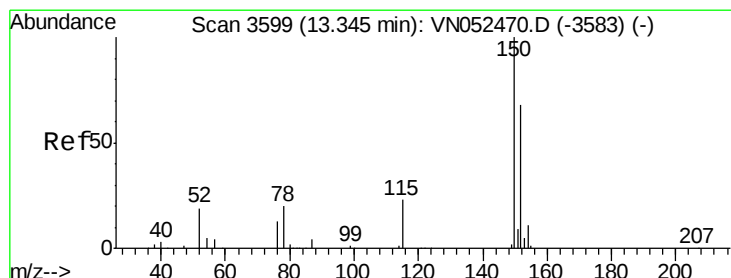
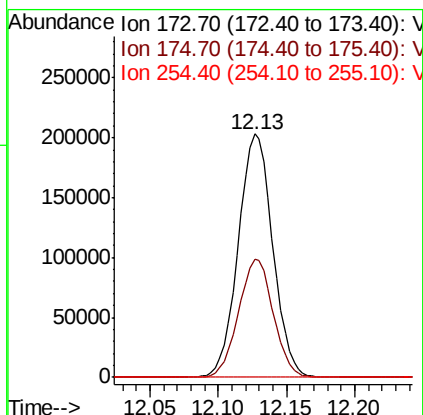
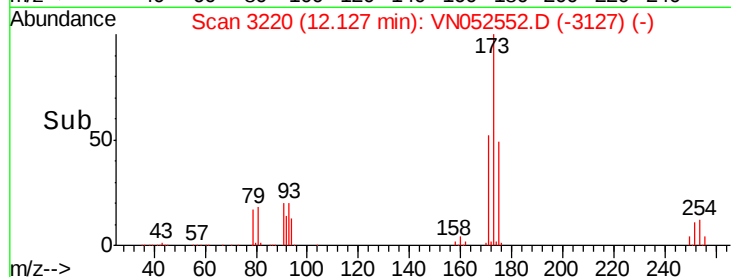
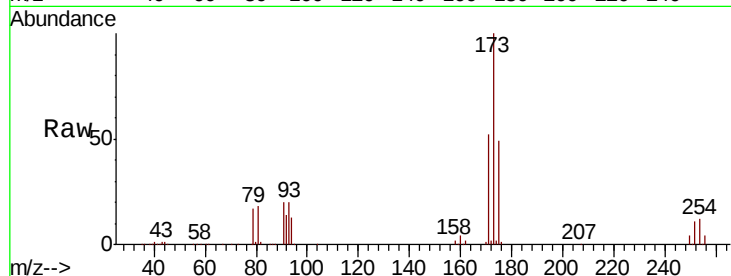




#71
Bromoform
Concen: 49.733 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

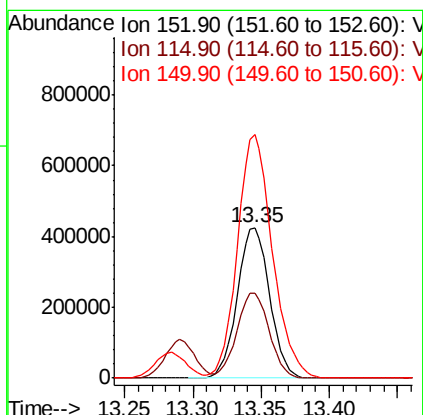
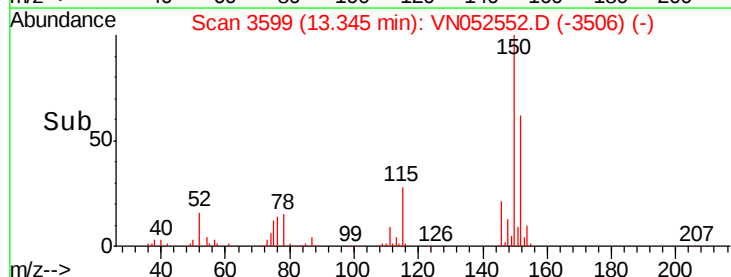
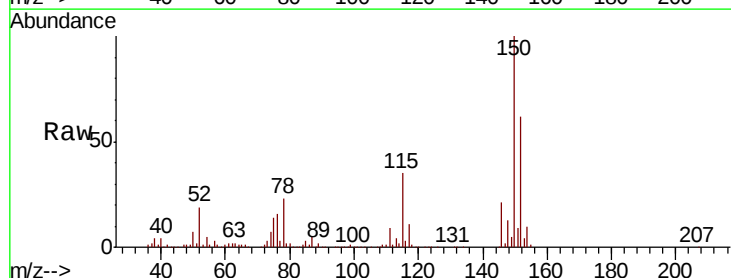
Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:173 Resp: 356052
Ion Ratio Lower Upper
173 100
175 48.9 24.4 73.2
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052552.D
Acq: 29 Nov 2018 9:18

Tgt Ion:152 Resp: 697457
Ion Ratio Lower Upper
152 100
115 56.9 28.4 85.2
150 175.0 0.0 346.0





#73

Isopropylbenzene

Concen: 48.785 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

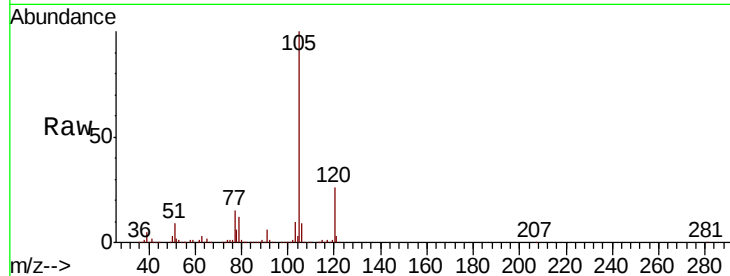
BFB

Tot Ion:105 Resp: 2669479

Ion Ratio Lower Upper

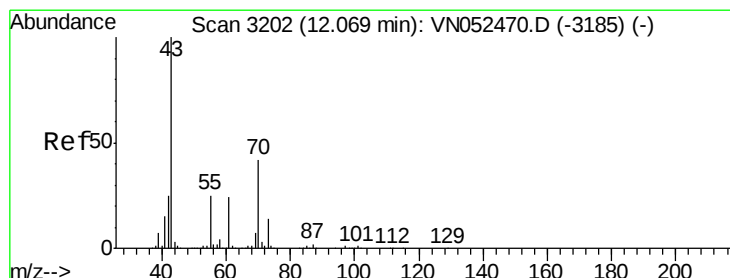
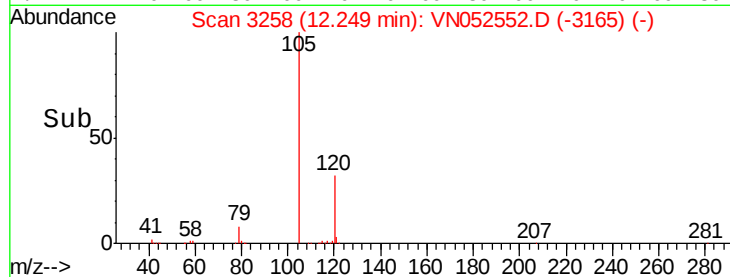
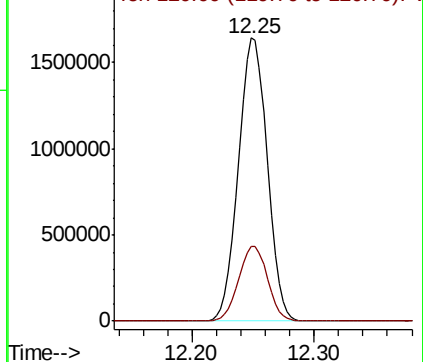
105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.853 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Tgt Ion: 43 Resp: 661537

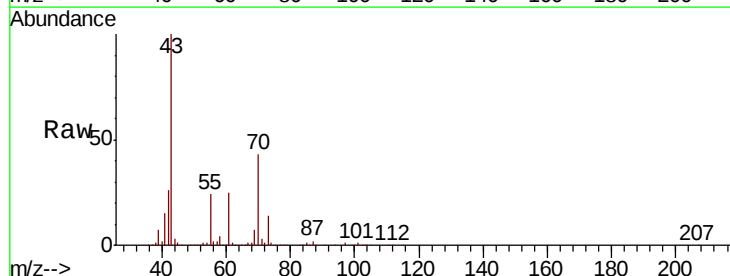
Ion Ratio Lower Upper

43 100

70 42.9 33.8 50.8

55 24.7 20.0 30.0

61 25.1 19.7 29.5

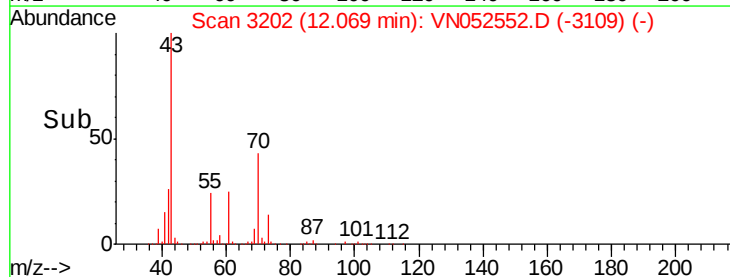
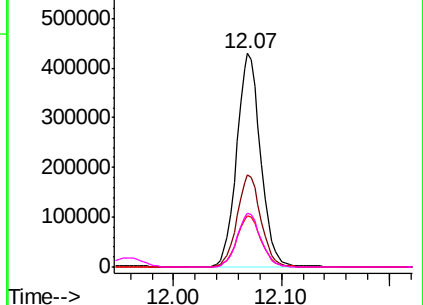


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.145 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

BFB

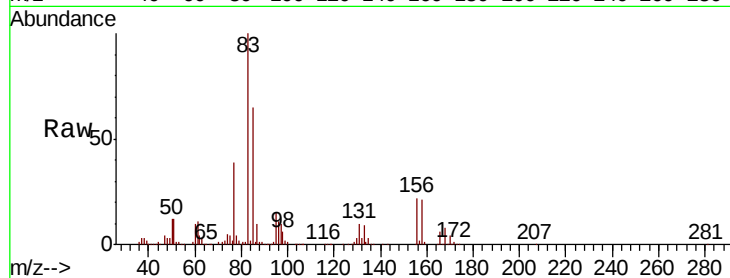
Tot Ion: 83 Resp: 561948

Ion Ratio Lower Upper

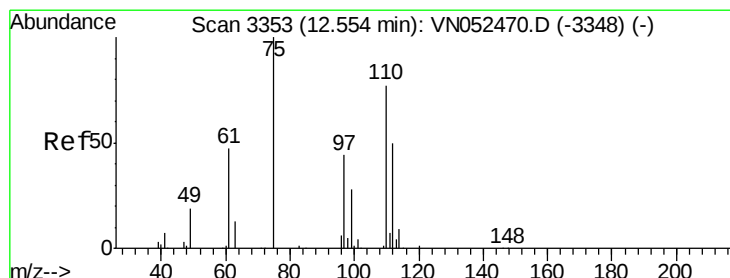
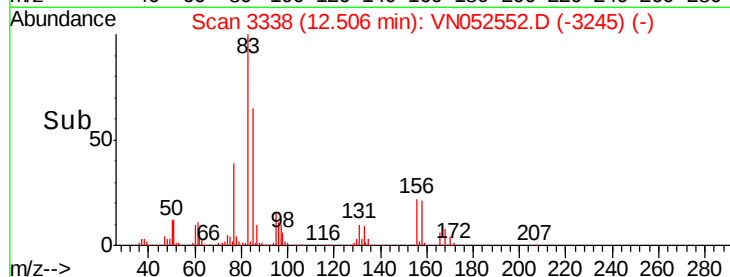
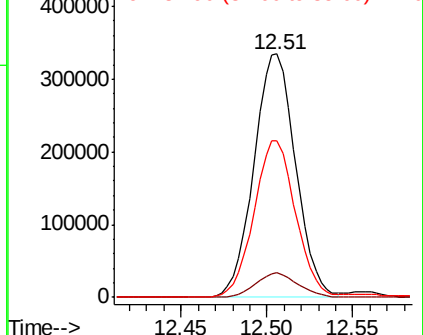
83 100

131 10.3 5.0 15.0

85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 66.533 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052552.D

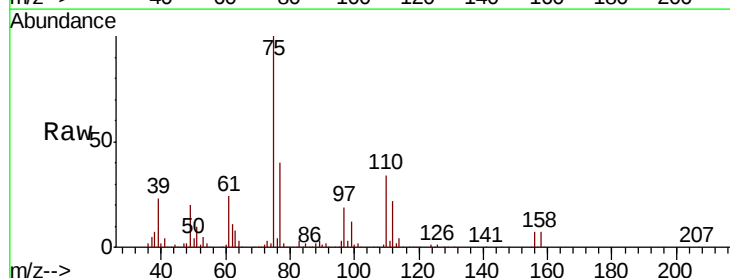
Acq: 29 Nov 2018 9:18

Tgt Ion: 75 Resp: 715572

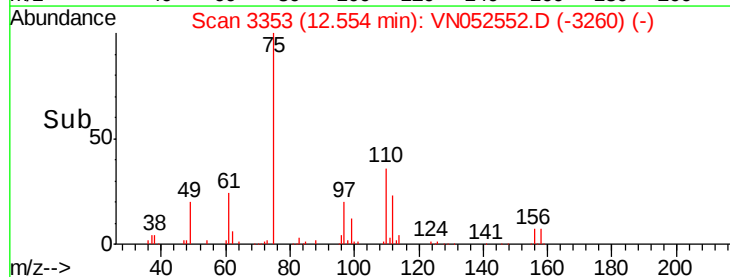
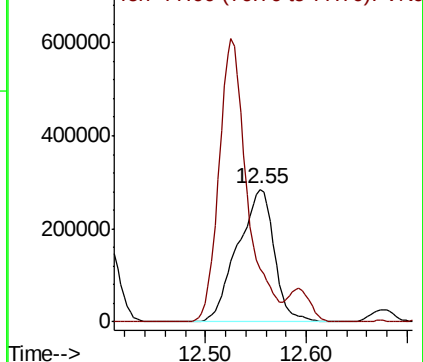
Ion Ratio Lower Upper

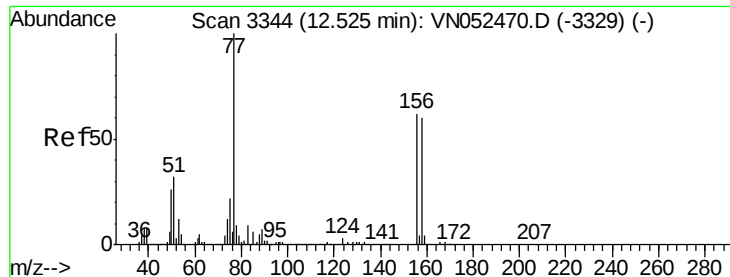
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 48.656 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

BFB

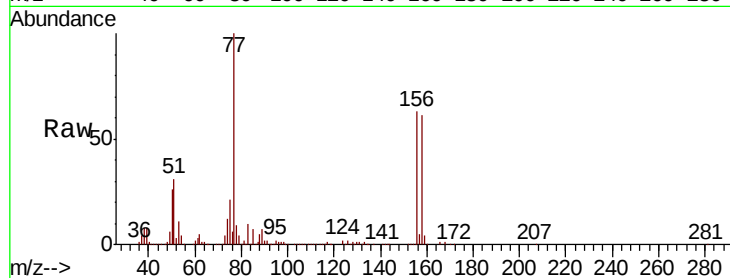
Tot Ion:156 Resp: 658087

Ion Ratio Lower Upper

156 100

77 181.2 93.5 280.4

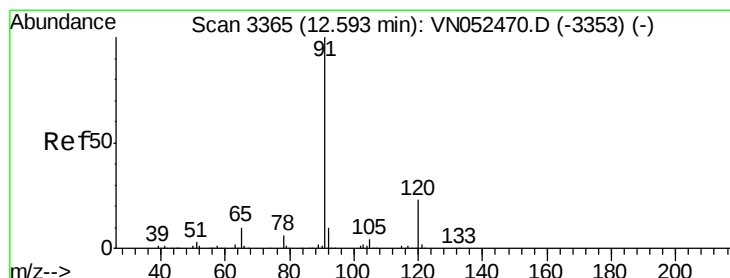
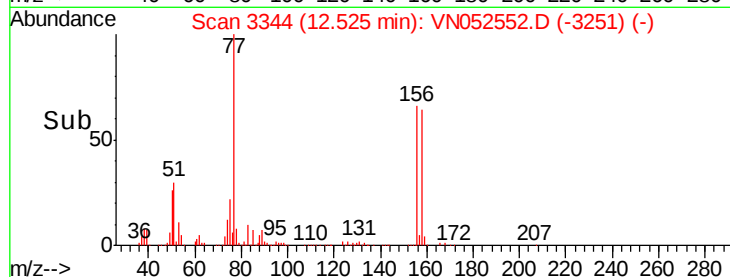
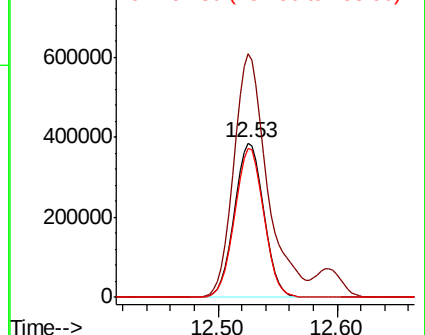
158 96.1 48.3 144.9



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: 49.877 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052552.D

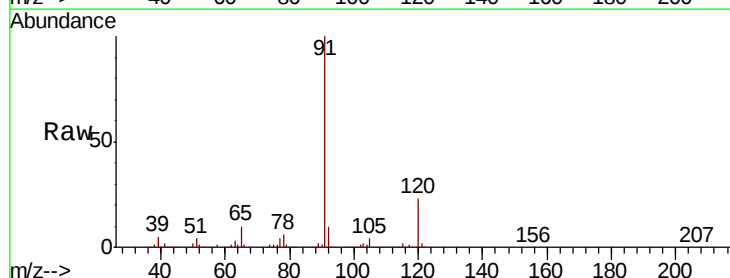
Acq: 29 Nov 2018 9:18

Tgt Ion: 91 Resp: 3100539

Ion Ratio Lower Upper

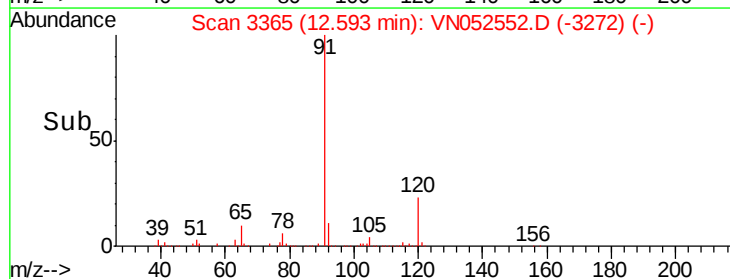
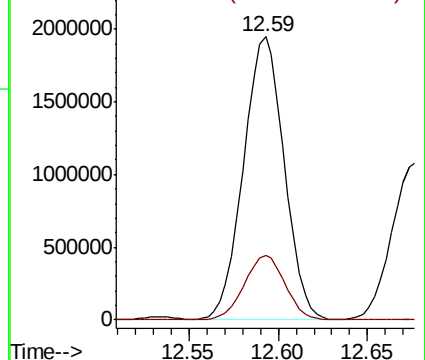
91 100

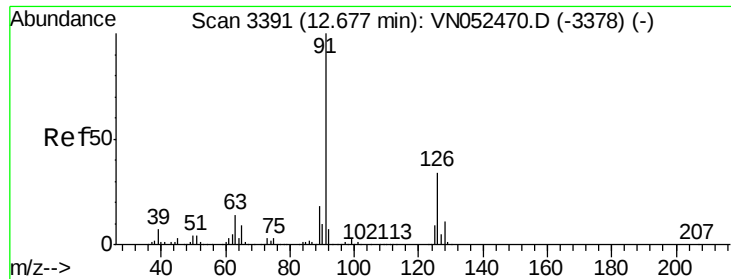
120 22.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.216 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

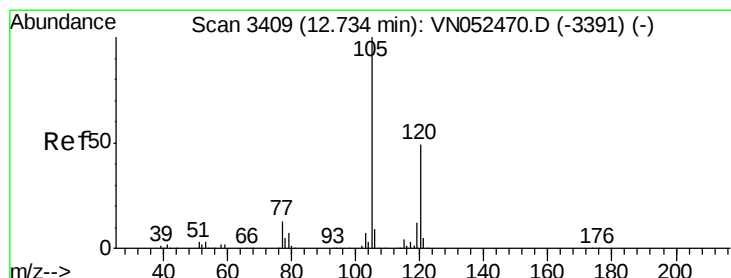
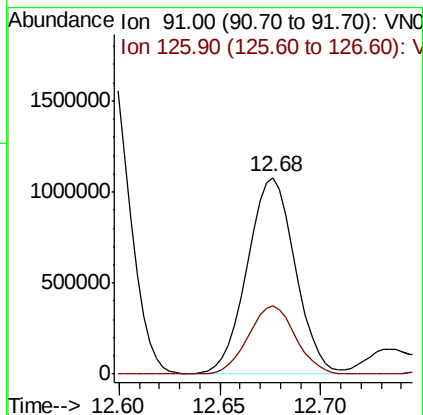
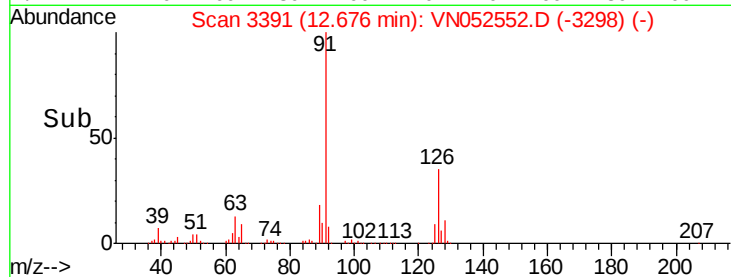
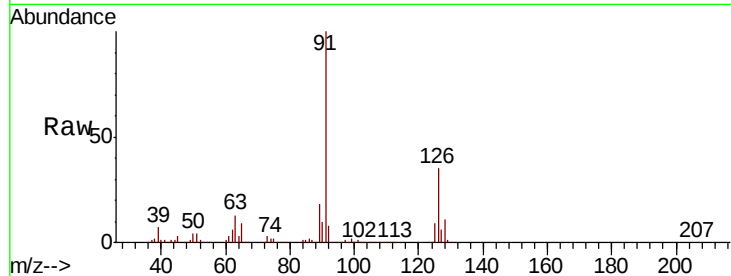
BFB

Tot Ion: 91 Resp: 1784910

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 49.644 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052552.D

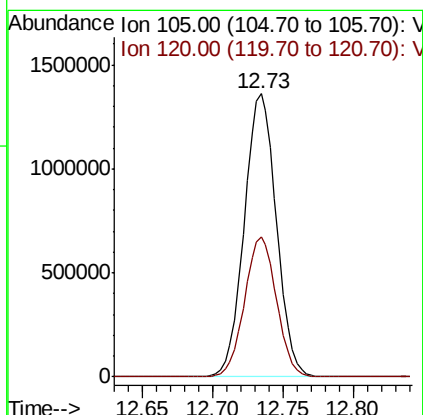
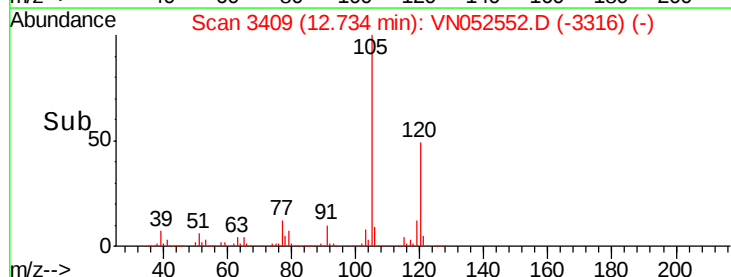
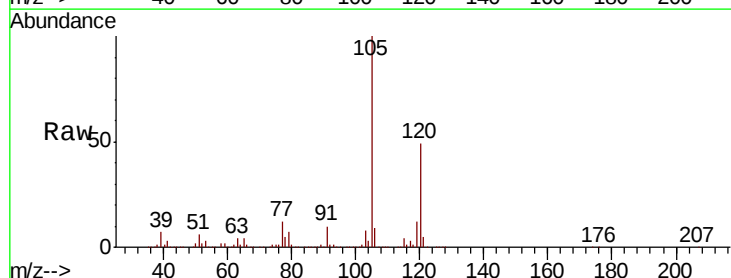
Acq: 29 Nov 2018 9:18

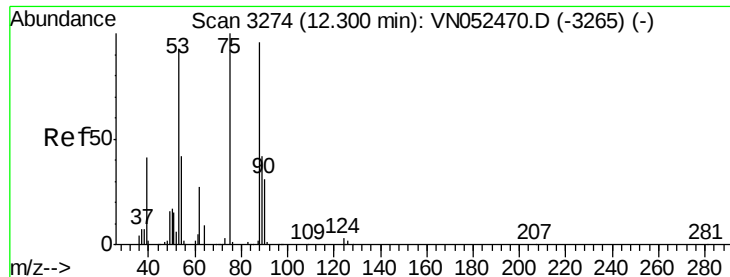
Tgt Ion:105 Resp: 2166547

Ion Ratio Lower Upper

105 100

120 49.1 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.596 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

BFB

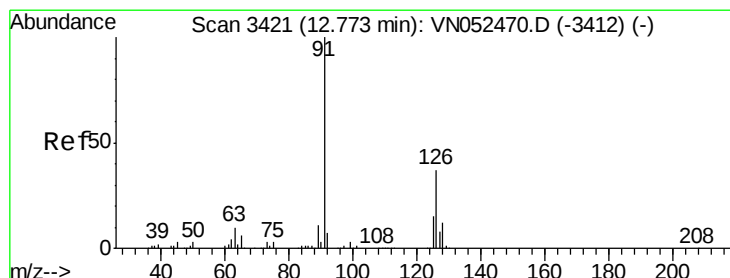
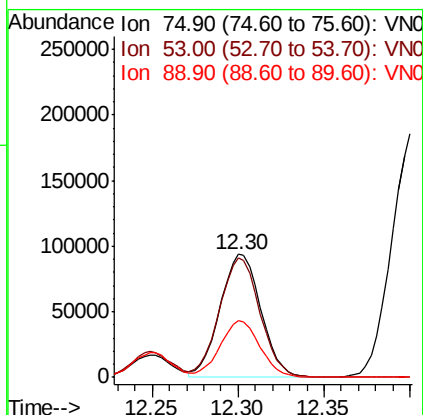
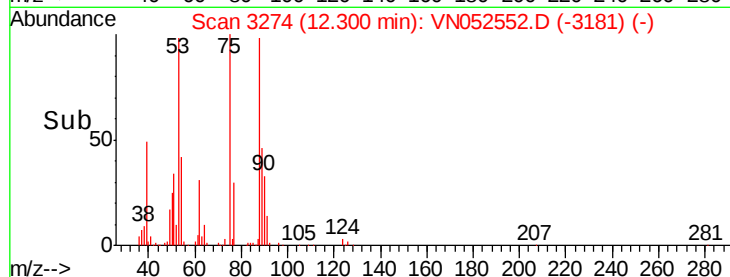
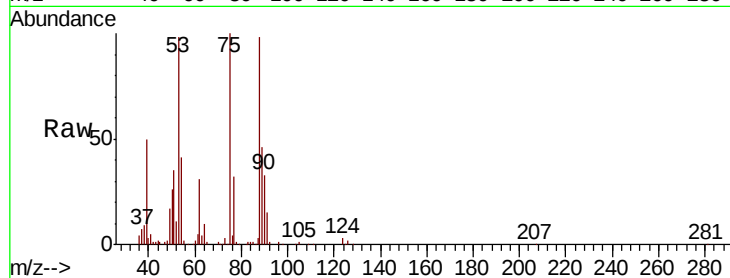
Tot Ion: 75 Resp: 156506

Ion Ratio Lower Upper

75 100

53 96.7 77.4 116.0

89 45.1 35.4 53.2



#82

4-Chlorotoluene

Concen: 48.679 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052552.D

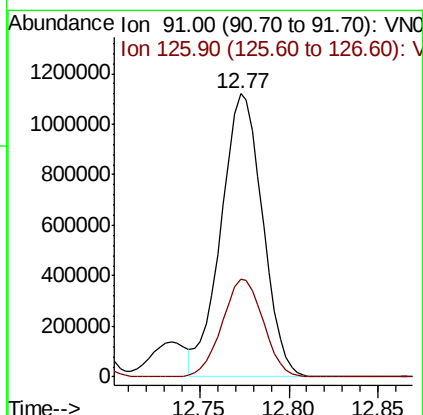
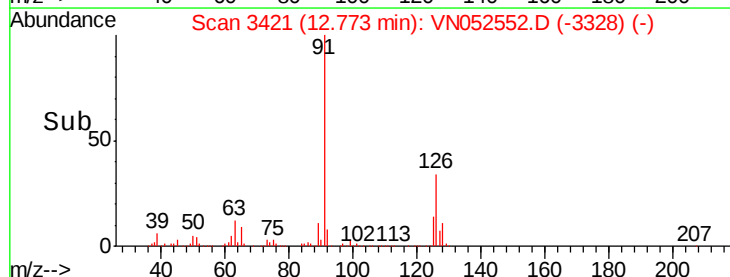
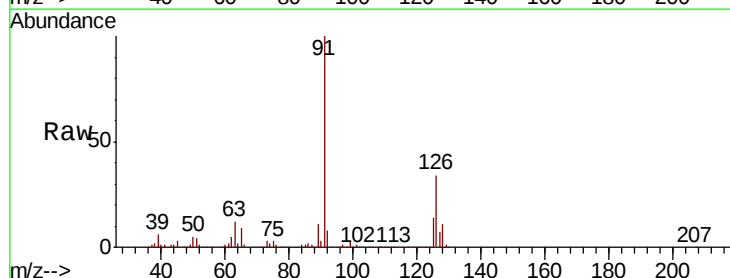
Acq: 29 Nov 2018 9:18

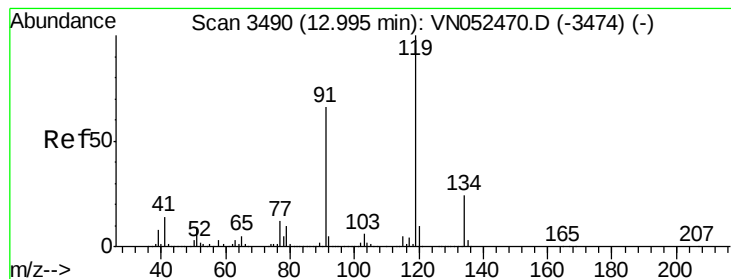
Tgt Ion: 91 Resp: 1816157

Ion Ratio Lower Upper

91 100

126 34.2 16.9 50.6





#83

tert-Butylbenzene

Concen: 48.980 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

BFB

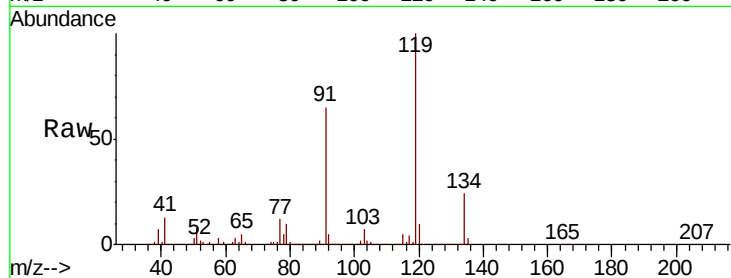
Tot Ion:119 Resp: 1905626

Ion Ratio Lower Upper

119 100

91 64.1 32.3 96.9

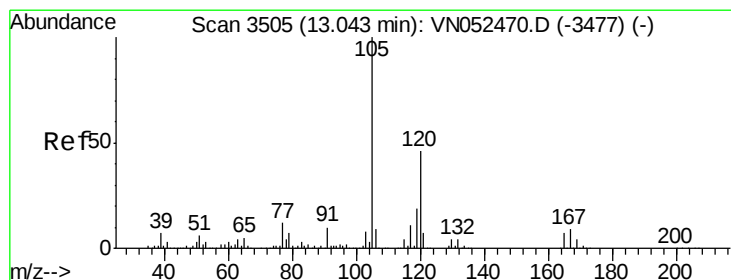
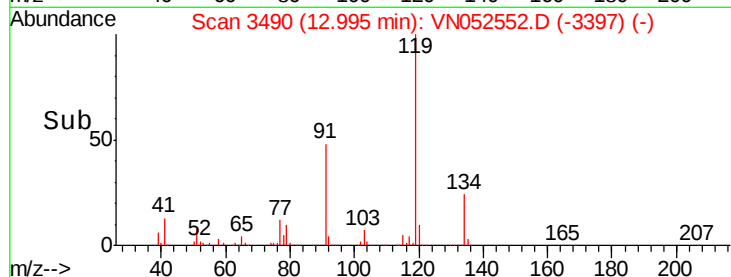
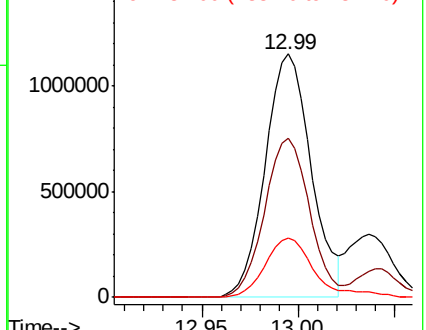
134 26.0 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.226 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052552.D

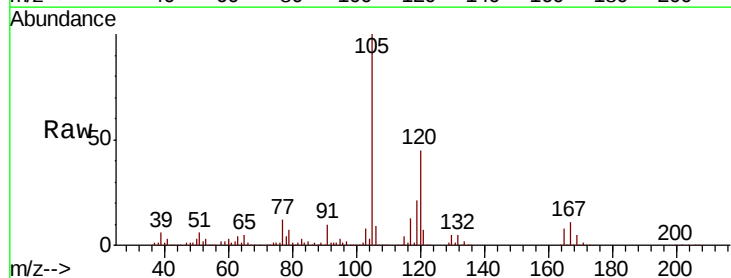
Acq: 29 Nov 2018 9:18

Tgt Ion:105 Resp: 2196663

Ion Ratio Lower Upper

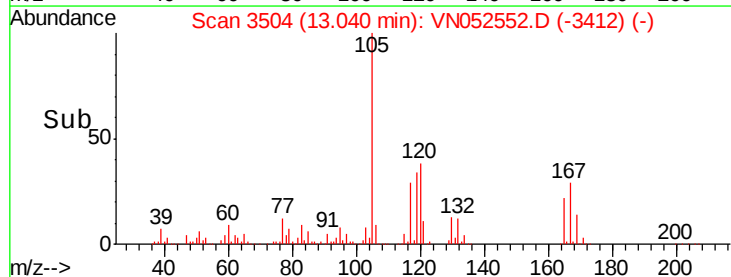
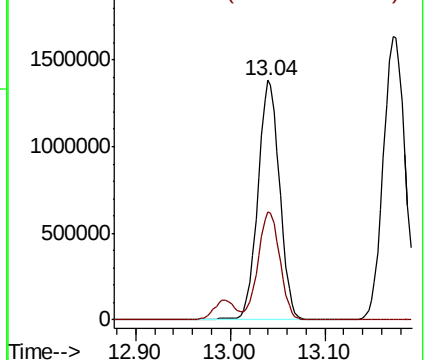
105 100

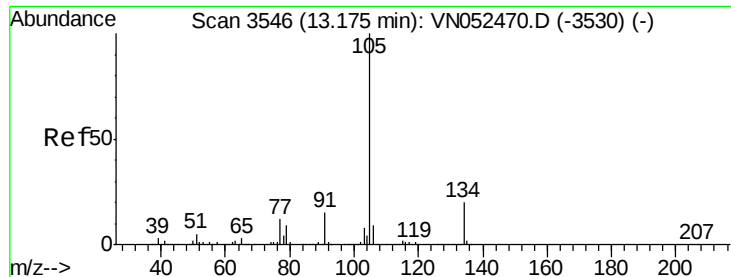
120 45.6 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.638 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

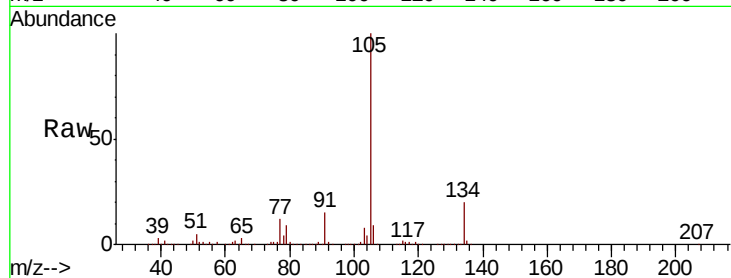
BFB

Tot Ion:105 Resp: 2630372

Ion Ratio Lower Upper

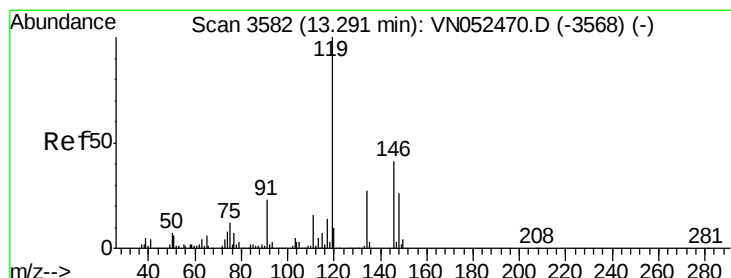
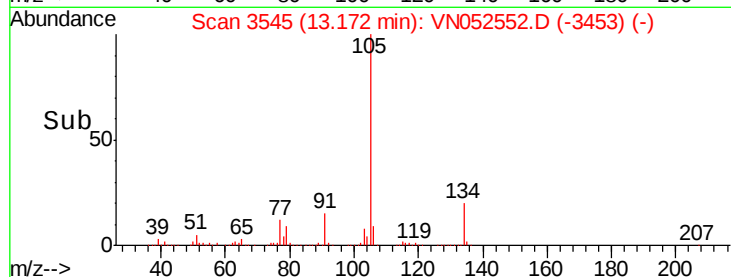
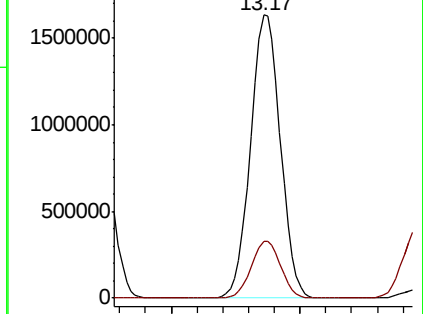
105 100

134 20.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.571 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

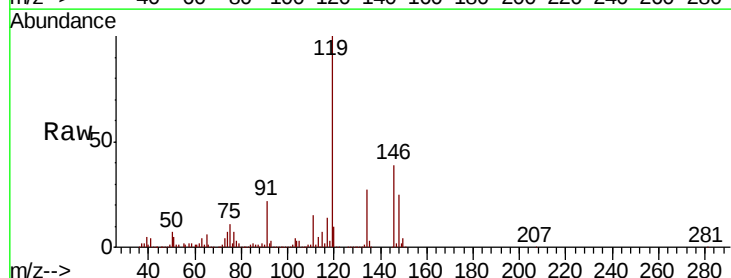
Tgt Ion:119 Resp: 2282500

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

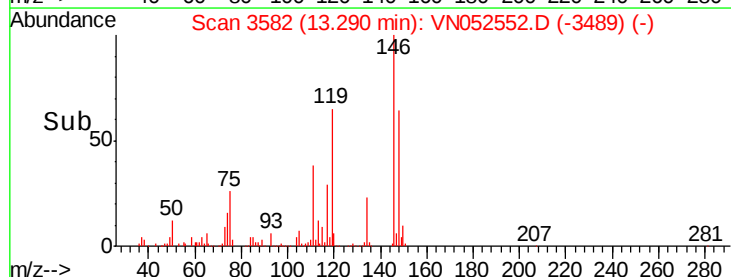
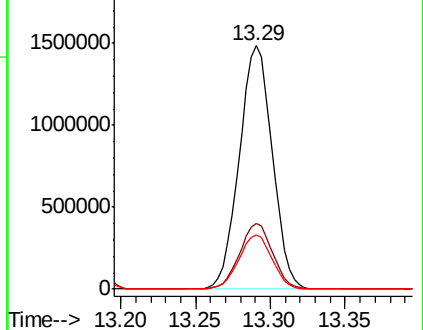
91 22.3 11.4 34.2

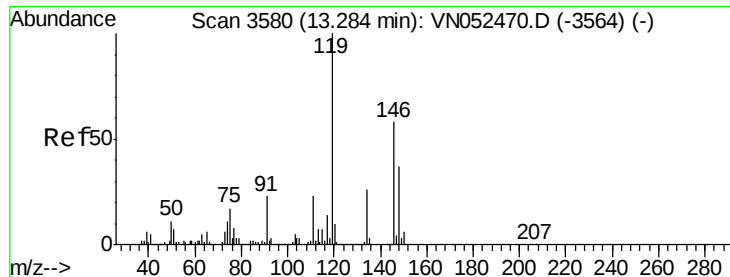


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.316 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

BFB

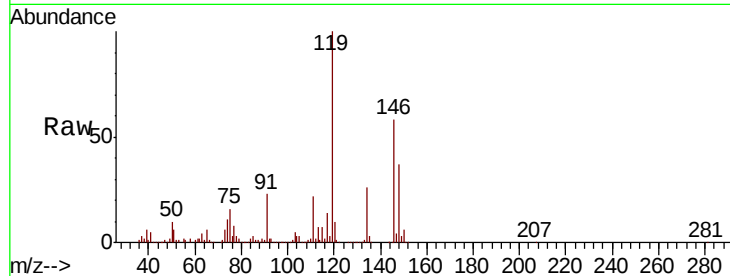
Tot Ion:146 Resp: 1166757

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.4

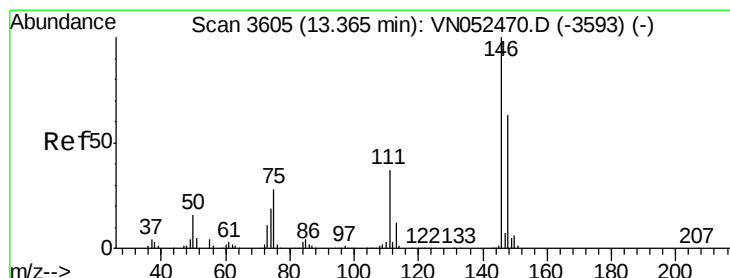
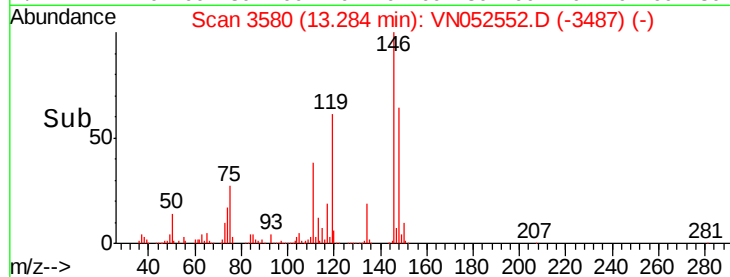
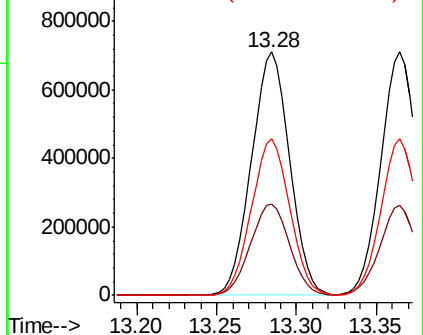
148 64.3 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.291 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

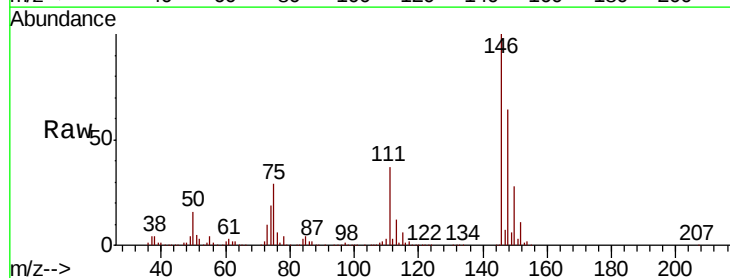
Tgt Ion:146 Resp: 1148656

Ion Ratio Lower Upper

146 100

111 37.2 18.6 56.0

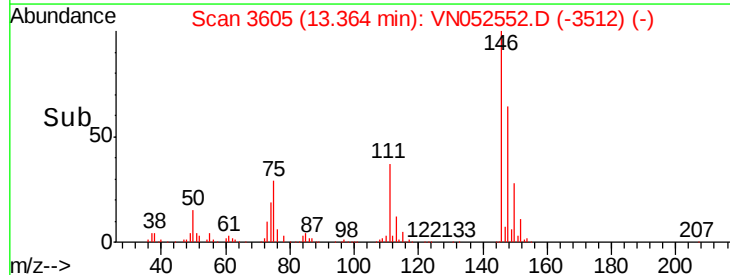
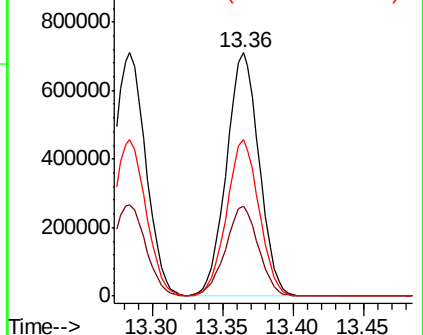
148 64.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.685 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampleId :

BFB

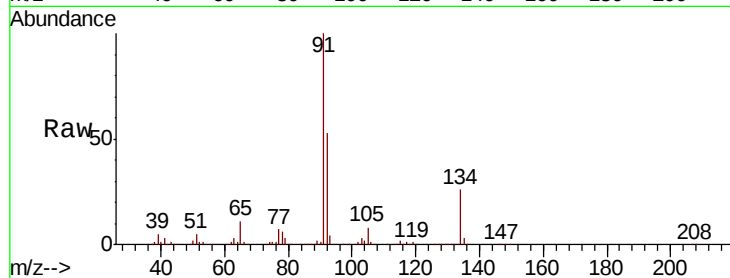
Tot Ion: 91 Resp: 1977595

Ion Ratio Lower Upper

91 100

92 52.4 26.1 78.3

134 26.1 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052470.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052470.D (-3667) (-)

13.62

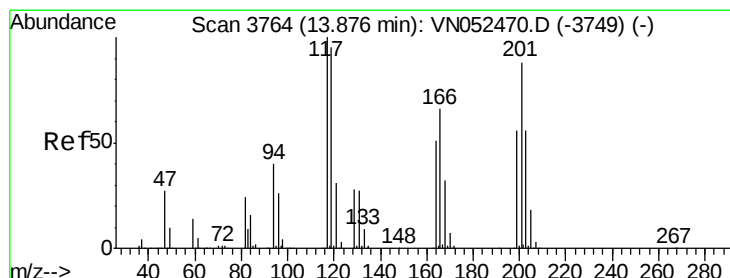
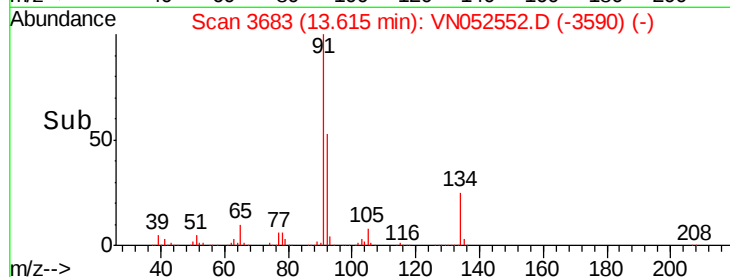
1500000

1000000

500000

0

Time--> 13.50 13.60 13.70



#90

Hexachloroethane

Concen: 48.054 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN052552.D

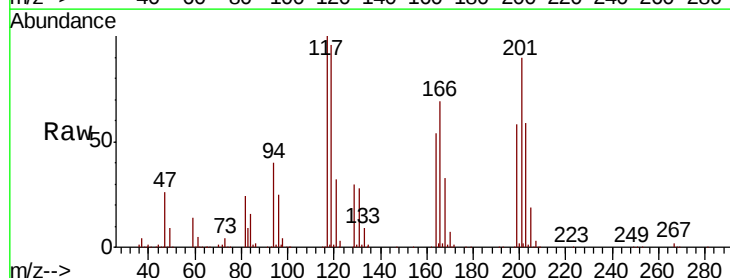
Acq: 29 Nov 2018 9:18

Tgt Ion: 117 Resp: 367239

Ion Ratio Lower Upper

117 100

201 88.5 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): VN052470.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052470.D (-3749) (-)

250000

200000

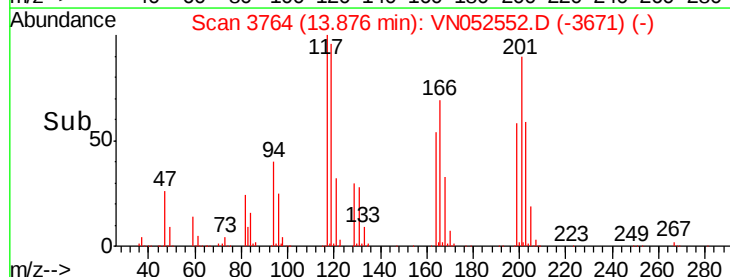
150000

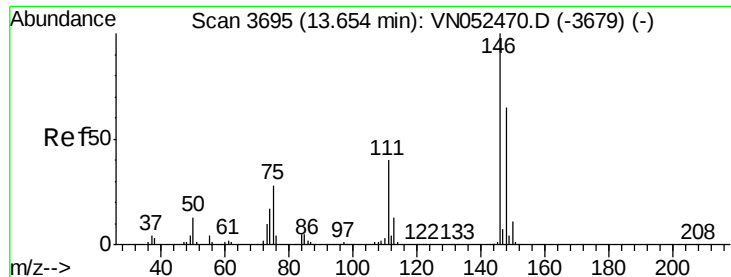
100000

50000

0

Time--> 13.80 13.85 13.90 13.95





#91

1,2-Dichlorobenzene

Concen: 48.691 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

MSVOA_N

ClientSampled :

BFB

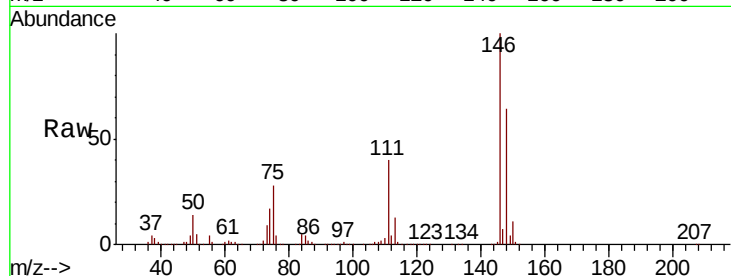
Tot Ion:146 Resp: 1100589

Ion Ratio Lower Upper

146 100

111 40.0 20.0 60.0

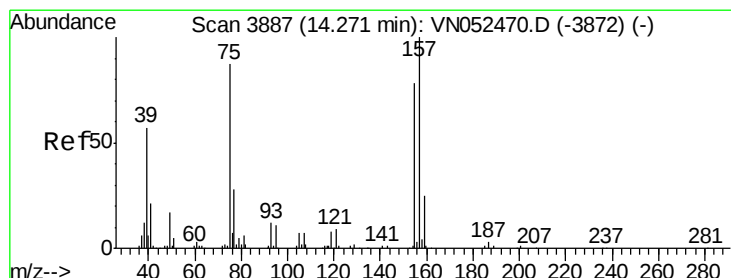
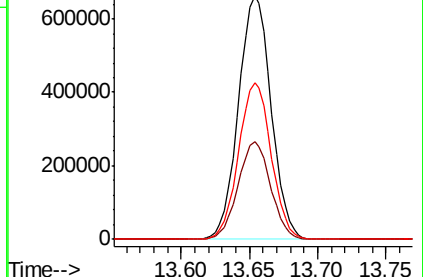
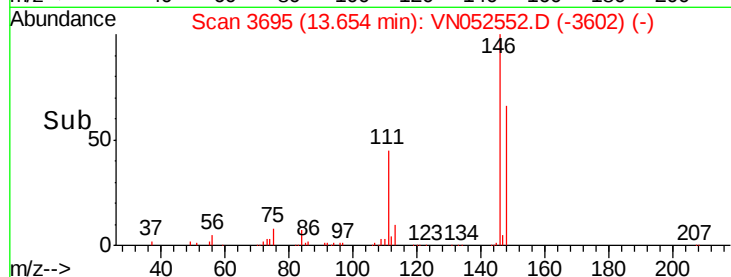
148 64.3 32.0 96.2



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: 46.908 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

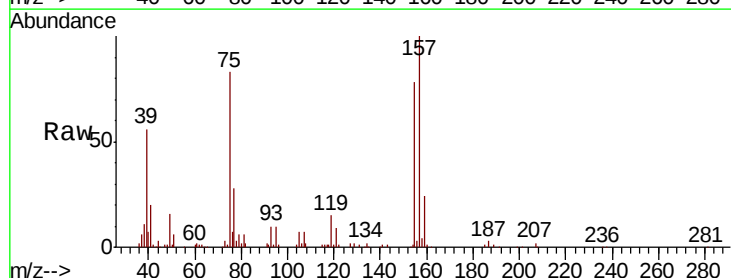
Tgt Ion: 75 Resp: 83510

Ion Ratio Lower Upper

75 100

155 92.3 45.3 135.9

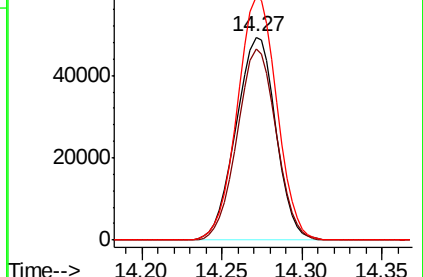
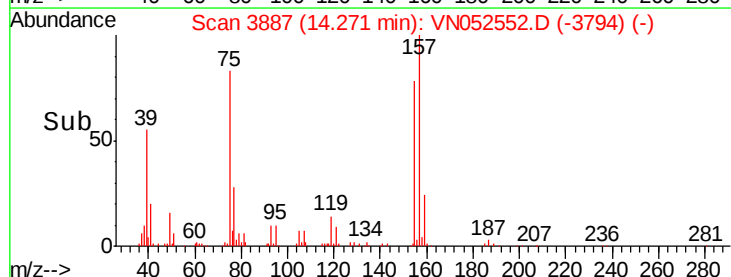
157 119.1 58.1 174.2



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

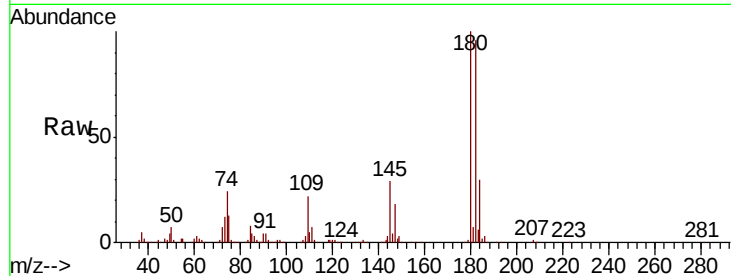




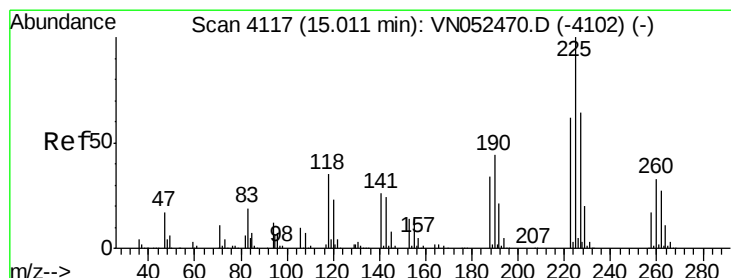
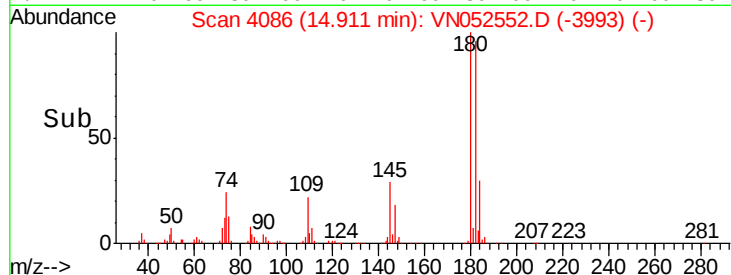
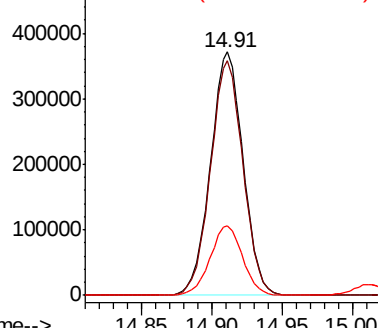
#93
 1,2,4-Trichlorobenzene
 Concen: 48.604 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.4
145	28.5	14.1	42.3

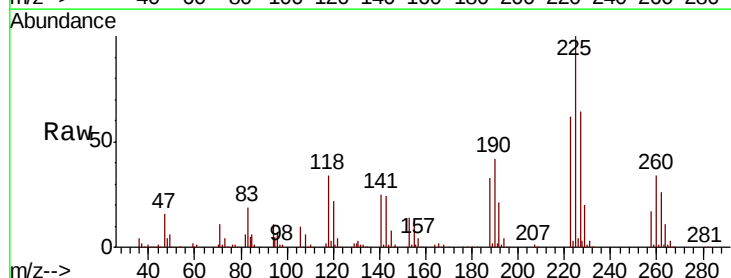


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

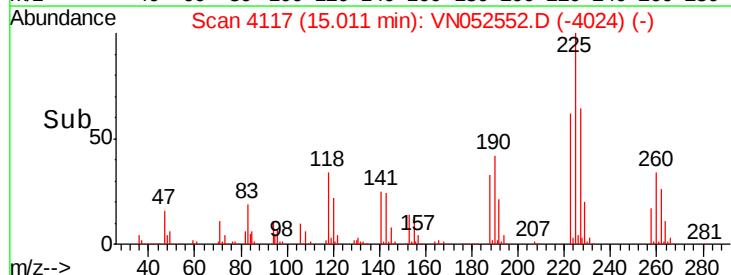
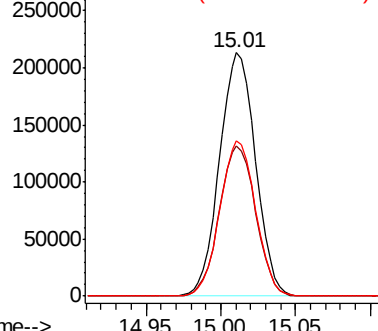


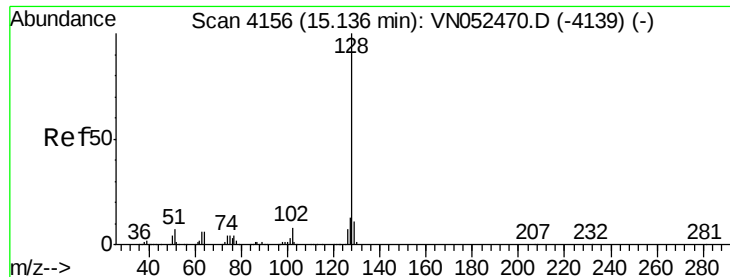
#94
 Hexachlorobutadiene
 Concen: 49.121 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052552.D
 Acq: 29 Nov 2018 9:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.2
227	63.5	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 46.601 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Instrument :

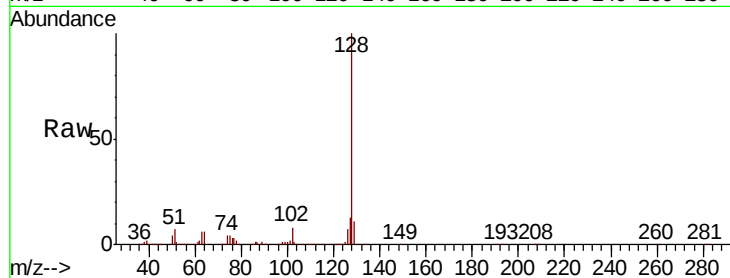
MSVOA_N

ClientSampleId :

BFB

Tot Ion:128 Resp: 1217134

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.8	8.7	13.1

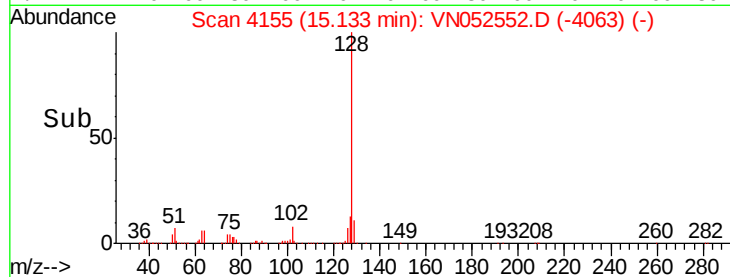


Abundance Ion 128.00 (127.70 to 128.70): V

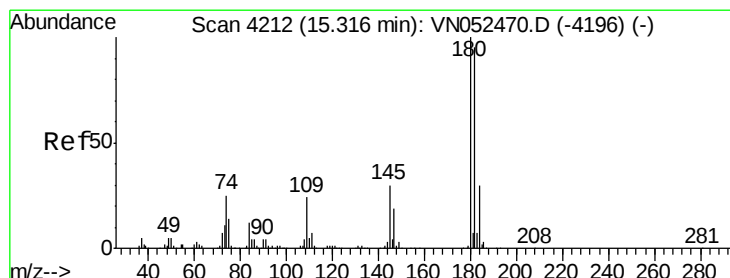
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 48.212 ug/l

RT: 15.32 min Scan# 4212

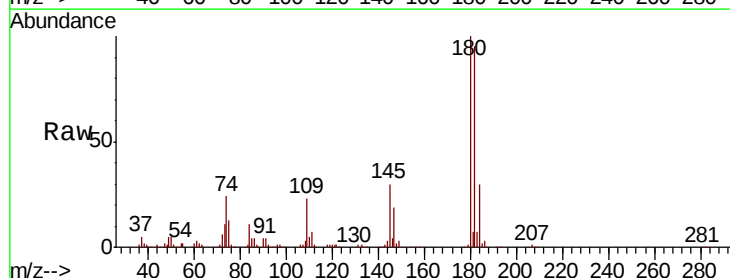
Delta R.T. 0.00 min

Lab File: VN052552.D

Acq: 29 Nov 2018 9:18

Tgt Ion:180 Resp: 547701

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.3
145	29.5	15.2	45.5

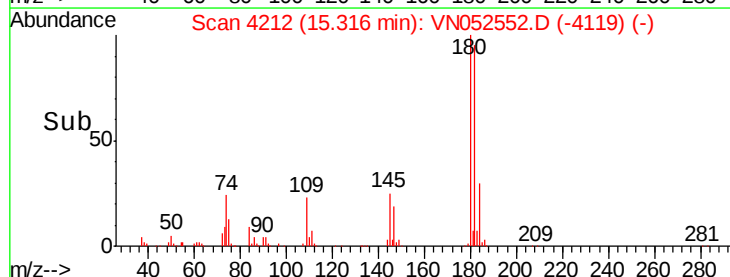


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.32



Time-->