

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011619\
 Data File : VW008300.D
 Acq On : 16 Jan 2019 11:10
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Jan 17 05:00:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	96620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	156110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	143432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	72546	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	39644	36.51	ug/l	0.00
Spiked Amount			Recovery	=	73.02%	
35) Dibromofluoromethane	7.88	113	41165	45.21	ug/l	0.00
Spiked Amount			Recovery	=	90.42%	
50) Toluene-d8	10.32	98	168319	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	
62) 4-Bromofluorobenzene	12.62	95	58113	42.43	ug/l	0.00
Spiked Amount			Recovery	=	84.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	35360	44.842	ug/l	99
3) Chloromethane	2.21	50	48802	47.704	ug/l	96
4) Vinyl Chloride	2.37	62	66369	49.708	ug/l	93
5) Bromomethane	2.78	94	45566	45.557	ug/l	100
6) Chloroethane	2.92	64	43270	43.067	ug/l	96
7) Trichlorofluoromethane	3.26	101	53204	49.014	ug/l	94
8) Diethyl Ether	3.67	74	27035	44.056	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	53924	50.035	ug/l	99
10) Methyl Iodide	4.26	142	74013	47.121	ug/l	99
11) Tert butyl alcohol	5.17	59	14598	215.681	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	51572	48.740	ug/l	94
13) Acrolein	3.89	56	18646	257.959	ug/l	99
14) Allyl chloride	4.66	41	88440	46.037	ug/l	98
15) Acrylonitrile	5.37	53	51827	221.837	ug/l	98
16) Acetone	4.12	43	52996	273.491	ug/l	90
17) Carbon Disulfide	4.37	76	154768	46.823	ug/l	100
18) Methyl Acetate	4.67	43	31601	46.043	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	70867	41.198	ug/l	97
20) Methylene Chloride	4.90	84	53450	49.991	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	56567	49.195	ug/l	96
22) Diisopropyl ether	6.31	45	165303	45.118	ug/l	98
23) Vinyl Acetate	6.25	43	423825	220.256	ug/l	100
24) 1,1-Dichloroethane	6.21	63	102485	48.008	ug/l	99
25) 2-Butanone	7.17	43	70027	231.771	ug/l	96
26) 2,2-Dichloropropane	7.17	77	67218	46.471	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	61604	49.105	ug/l	96
28) Bromochloromethane	7.51	49	34289	40.609	ug/l	97
29) Tetrahydrofuran	7.53	42	44129	218.650	ug/l	98
30) Chloroform	7.67	83	101855	50.126	ug/l	96
31) Cyclohexane	7.95	56	99075	43.353	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	86595	48.978	ug/l	100
36) 1,1-Dichloropropene	8.08	75	85120	52.932	ug/l	98
37) Ethyl Acetate	7.25	43	29403	45.639	ug/l	98
38) Carbon Tetrachloride	8.07	117	82975	56.375	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107510	52.726	ug/l	90
40) Benzene	8.32	78	233670	53.574	ug/l	99
41) Methacrylonitrile	7.48	41	18614	45.738	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59681	48.651	ug/l	98
43) Isopropyl Acetate	8.42	43	57953	44.991	ug/l	99
44) Trichloroethene	9.09	130	62928	56.361	ug/l	86
45) 1,2-Dichloropropane	9.37	63	57369	53.047	ug/l	99
46) Dibromomethane	9.46	93	27815	52.370	ug/l	95
47) Bromodichloromethane	9.64	83	72317	53.623	ug/l	96
48) Methyl methacrylate	9.44	41	27968	46.015	ug/l	92
49) 1,4-Dioxane	9.45	88	9933	1162.916	ug/l #	85
51) 4-Methyl-2-Pentanone	10.21	43	146436	234.856	ug/l	100
52) Toluene	10.38	92	150207	53.925	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	72724	51.841	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85296	51.275	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	39144	52.493	ug/l	96
56) Ethyl methacrylate	10.65	69	46627	50.490	ug/l	97
57) 1,3-Dichloropropane	10.93	76	68708	50.381	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	108796	228.072	ug/l	97
59) 2-Hexanone	10.97	43	103494	245.451	ug/l	100
60) Dibromochloromethane	11.13	129	47832	58.413	ug/l	97
61) 1,2-Dibromoethane	11.24	107	38247	54.054	ug/l	98
64) Tetrachloroethene	10.86	164	51336	54.996	ug/l	97
65) Chlorobenzene	11.66	112	162542	53.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	55233	55.884	ug/l	100
67) Ethyl Benzene	11.73	91	297830	53.566	ug/l	98
68) m/p-Xylenes	11.84	106	233036	109.809	ug/l	97
69) o-Xylene	12.17	106	107897	54.903	ug/l	95
70) Styrene	12.18	104	171698	55.779	ug/l	99
71) Bromoform	12.35	173	25728	58.164	ug/l #	100
73) Isopropylbenzene	12.47	105	298173	52.352	ug/l	100
74) N-amyl acetate	12.27	43	54518	43.223	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	42961	47.124	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	57804	87.405	ug/l	28
77) Bromobenzene	12.75	156	63344	52.635	ug/l	88
78) n-propylbenzene	12.80	91	364590	52.244	ug/l	100
79) 2-Chlorotoluene	12.90	91	197403	50.702	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	244841	52.312	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13415	47.237	ug/l	98
82) 4-Chlorotoluene	12.99	91	208951	50.956	ug/l	97
83) tert-Butylbenzene	13.21	119	221146	53.408	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	252973	52.406	ug/l	99
85) sec-Butylbenzene	13.39	105	319807	52.726	ug/l	98
86) p-Isopropyltoluene	13.50	119	282300	53.897	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	133088	54.516	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	129234	52.763	ug/l	98
89) n-Butylbenzene	13.83	91	272469	53.114	ug/l	99
90) Hexachloroethane	14.10	117	50413	56.984	ug/l	93
91) 1,2-Dichlorobenzene	13.88	146	112947	52.644	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6821	46.492	ug/l	91

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QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

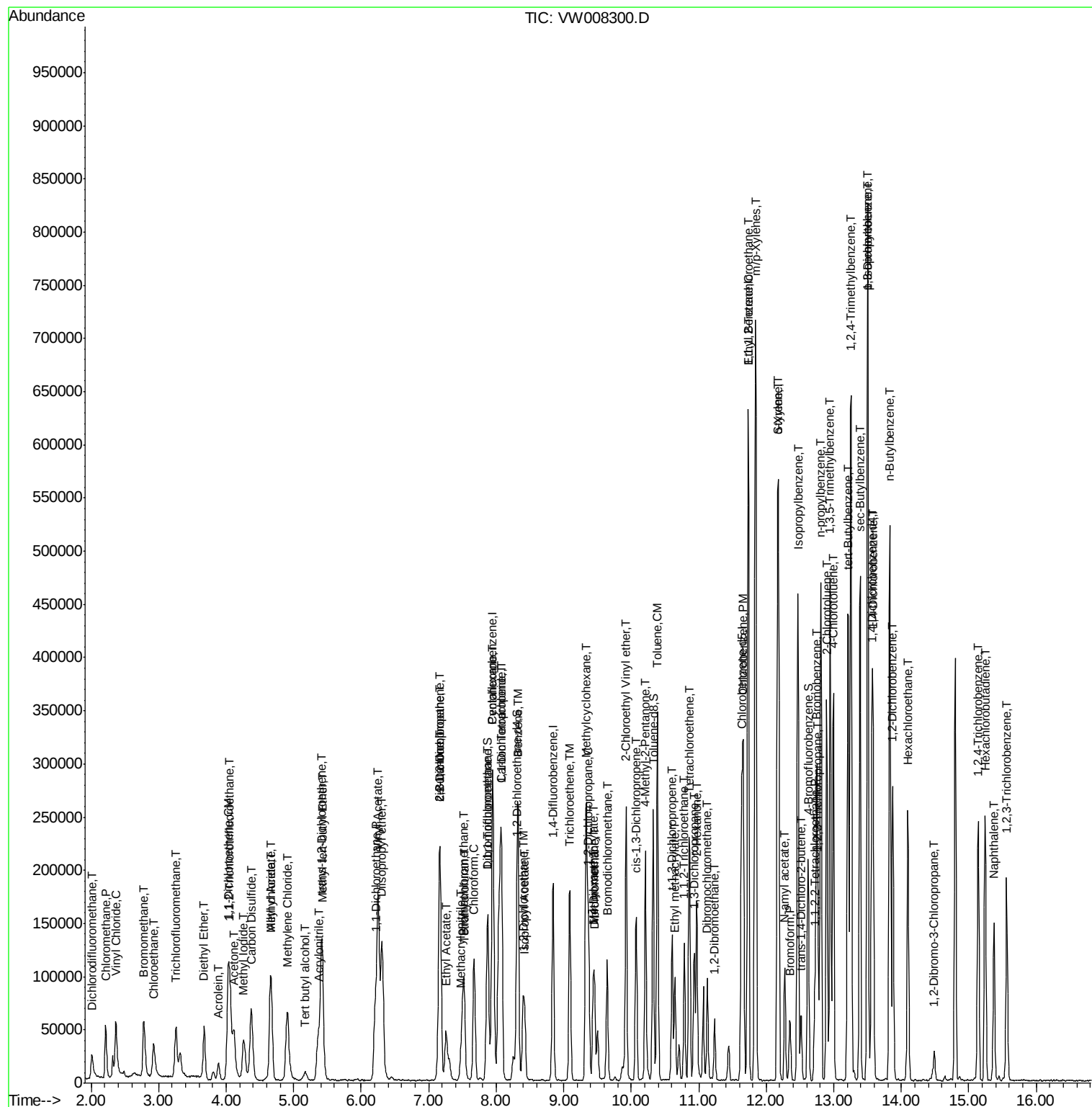
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	74655	52.410	ug/l	98
94) Hexachlorobutadiene	15.24	225	45835	60.119	ug/l	98
95) Naphthalene	15.38	128	129270	48.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	65052	53.572	ug/l	96

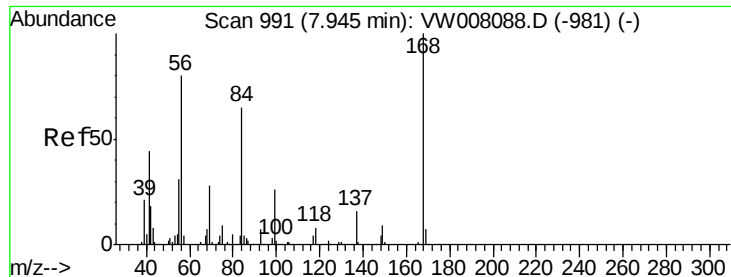
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampleId :

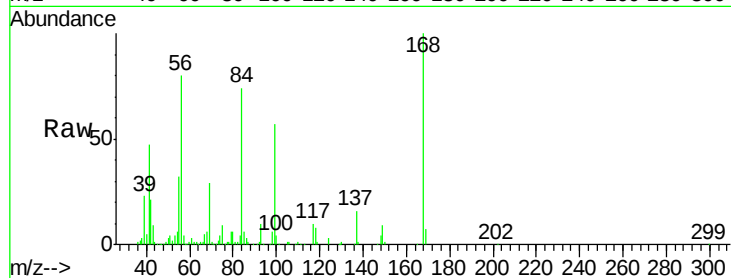
BFB

Tot Ion:168 Resp: 96620

Ion Ratio Lower Upper

168 100

99 57.3 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

20000

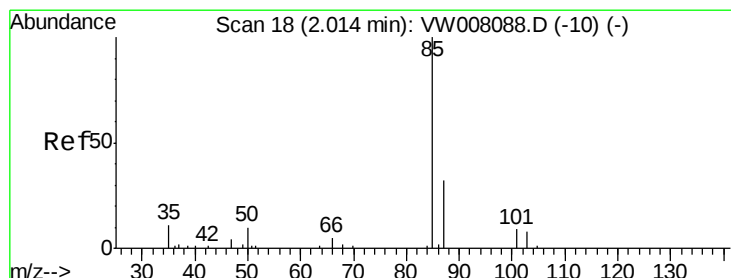
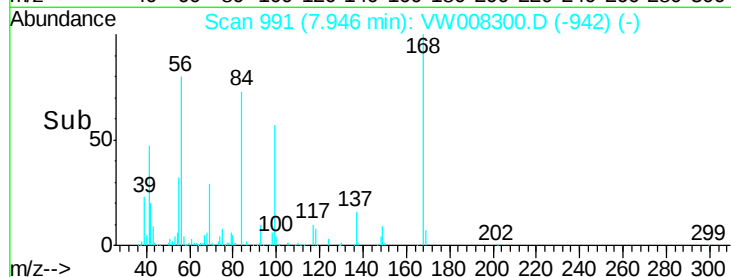
10000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 44.842 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008300.D

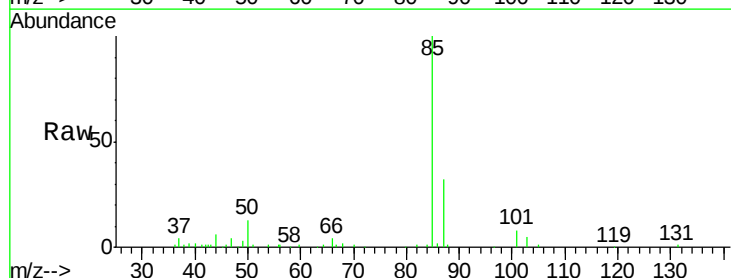
Acq: 16 Jan 2019 11:10

Tgt Ion: 85 Resp: 35360

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

10000

5000

0

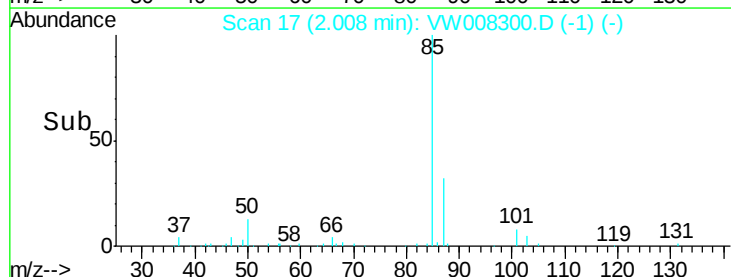
1.95

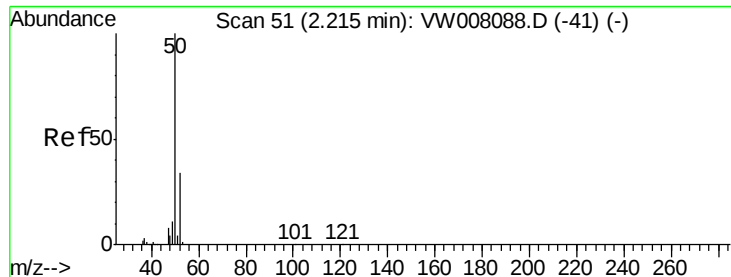
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 47.704 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampleId :

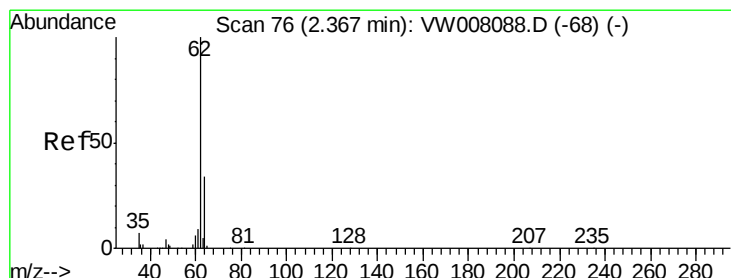
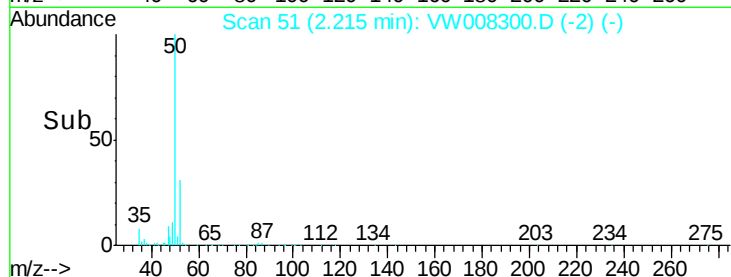
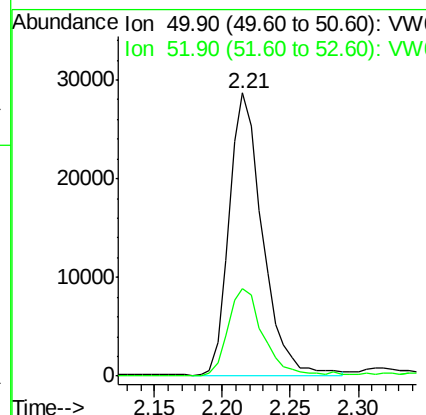
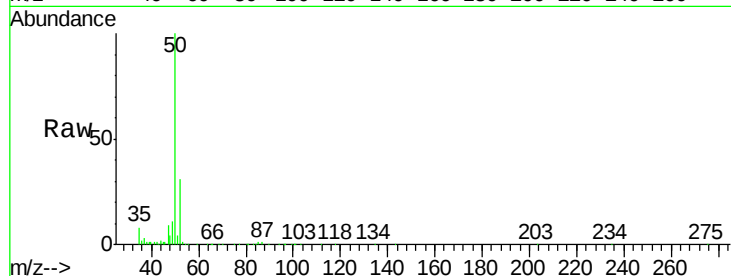
BFB

Tot Ion: 50 Resp: 48802

Ion Ratio Lower Upper

50 100

52 31.0 26.8 40.2



#4

Vinyl Chloride

Concen: 49.708 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008300.D

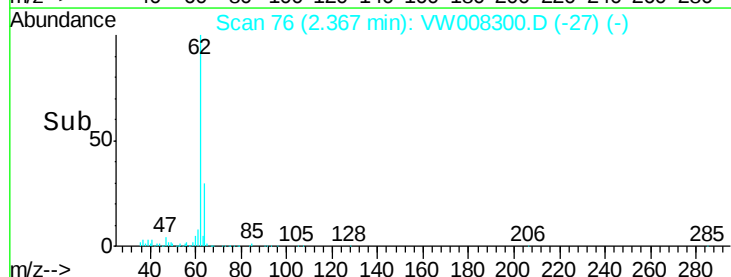
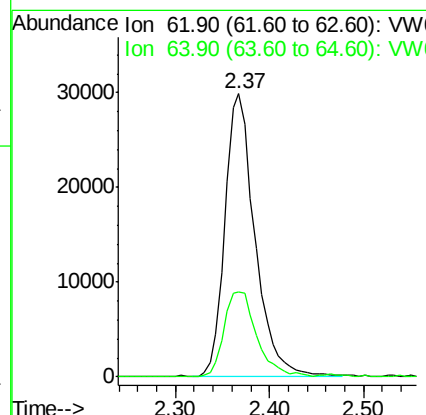
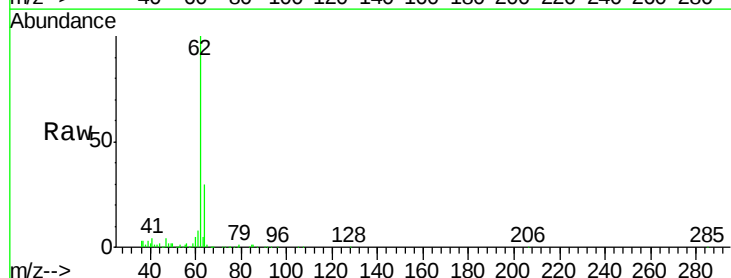
Acq: 16 Jan 2019 11:10

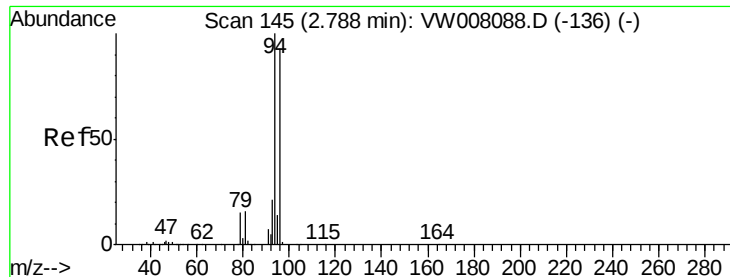
Tgt Ion: 62 Resp: 66369

Ion Ratio Lower Upper

62 100

64 29.6 27.0 40.6





#5

Bromomethane

Concen: 45.557 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampled :

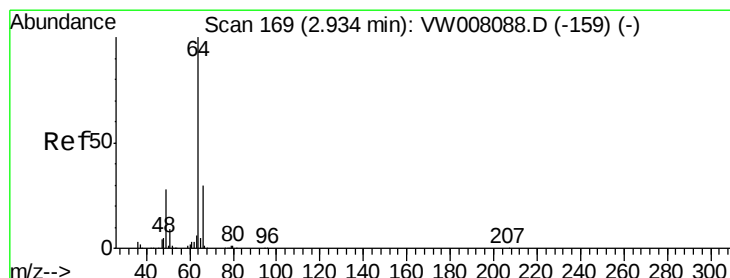
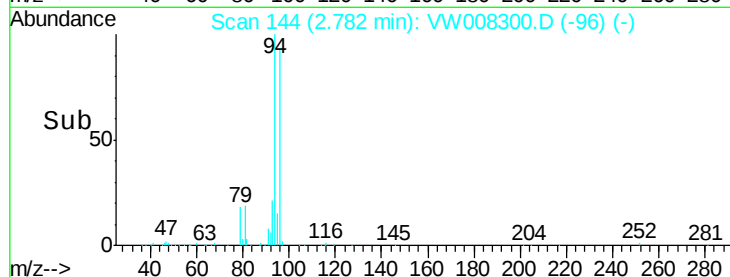
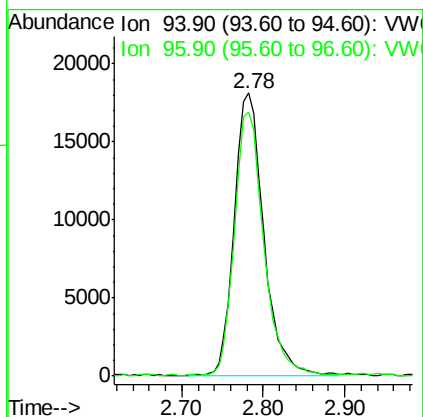
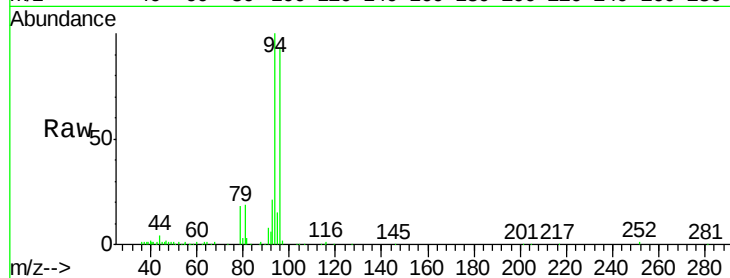
BFB

Tot Ion: 94 Resp: 45566

Ion Ratio Lower Upper

94 100

96 92.5 74.1 111.1



#6

Chloroethane

Concen: 43.067 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008300.D

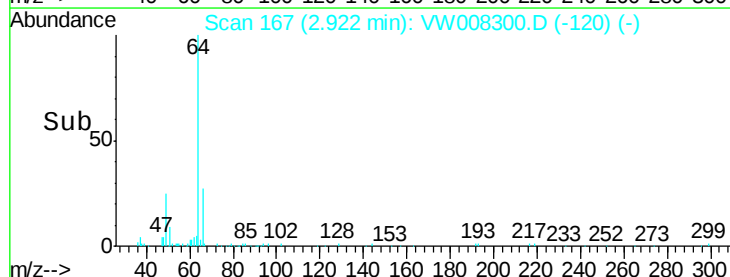
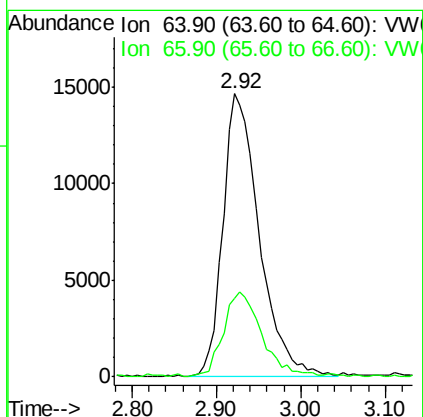
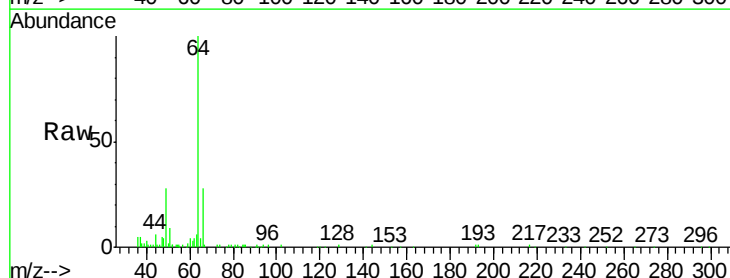
Acq: 16 Jan 2019 11:10

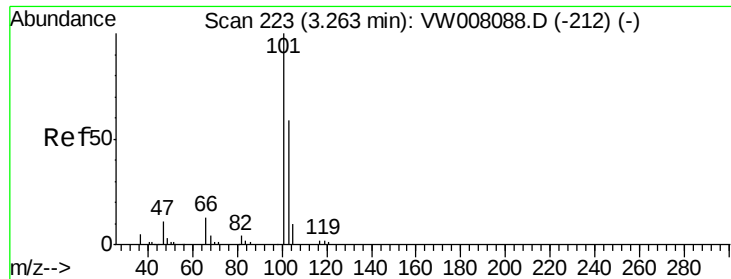
Tgt Ion: 64 Resp: 43270

Ion Ratio Lower Upper

64 100

66 28.0 24.2 36.2



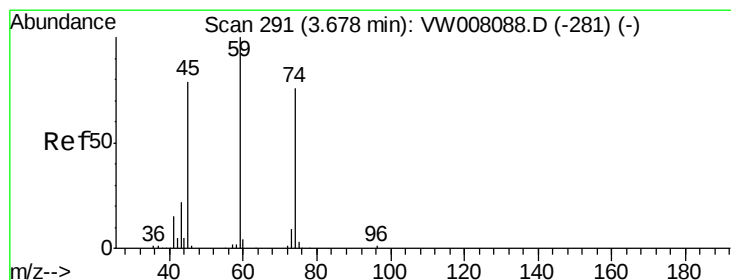
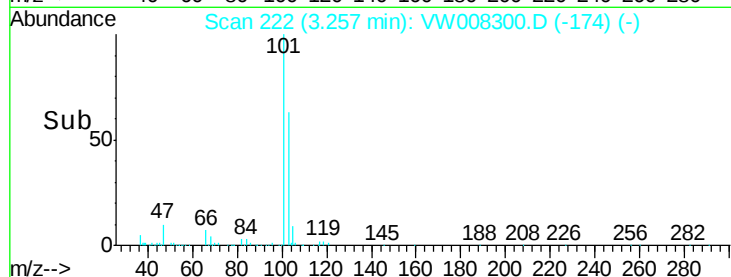
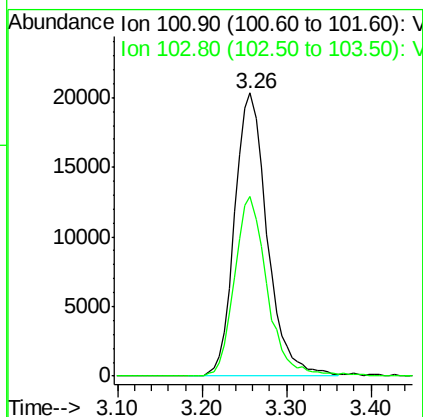
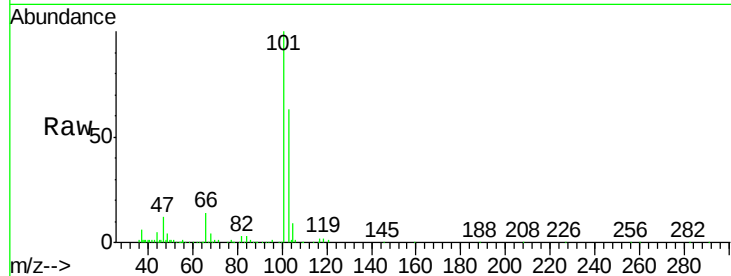


#7

Trichlorofluoromethane
 Concen: 49.014 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Instrument :
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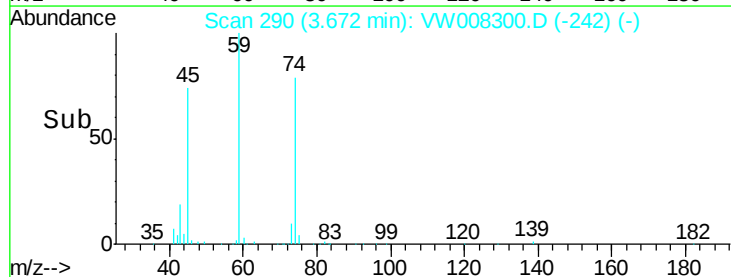
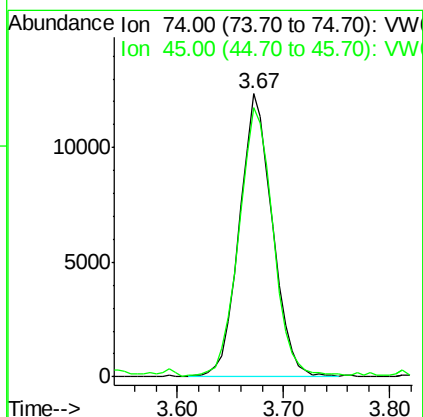
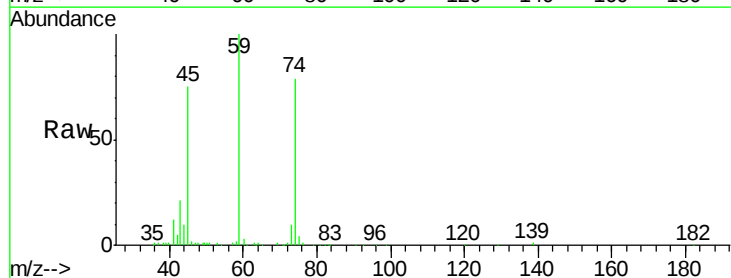
Tot Ion:101 Resp: 53204
 Ion Ratio Lower Upper
 101 100
 103 63.5 47.0 70.6

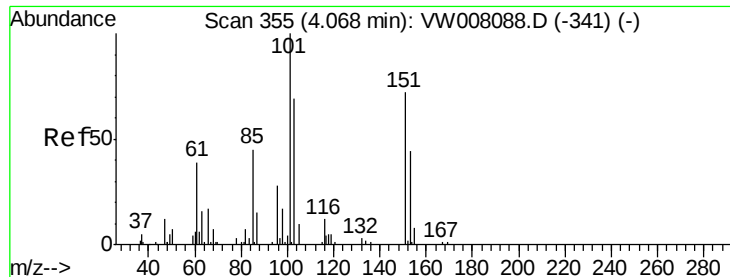


#8

Diethyl Ether
 Concen: 44.056 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Tgt Ion: 74 Resp: 27035
 Ion Ratio Lower Upper
 74 100
 45 99.3 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.035 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.02 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampled :

BFB

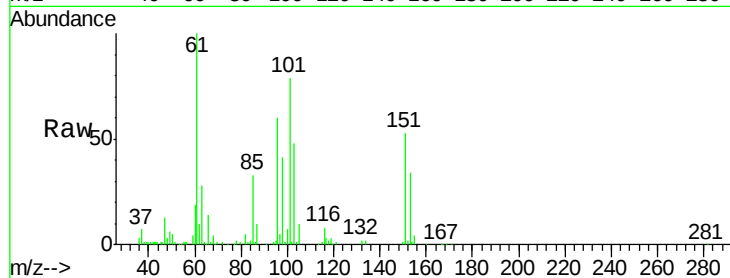
Tot Ion:101 Resp: 53924

Ion Ratio Lower Upper

101 100

85 44.6 35.9 53.9

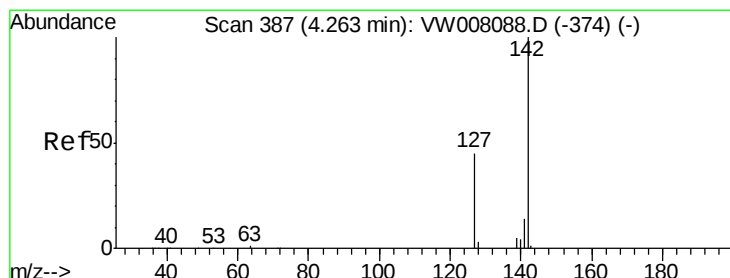
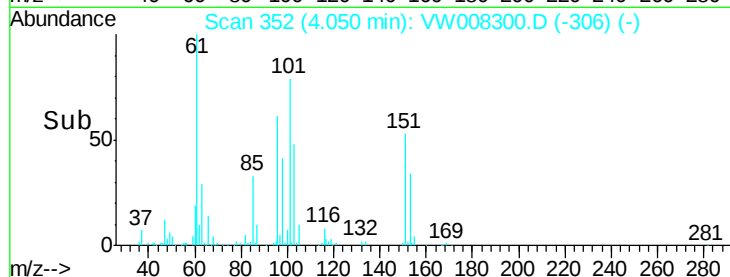
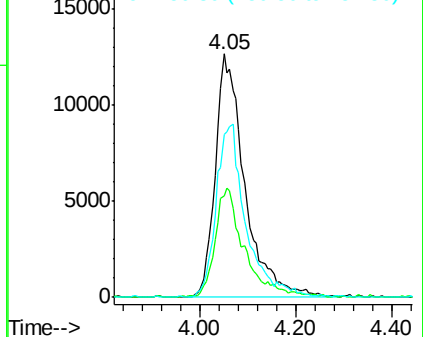
151 71.4 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.121 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

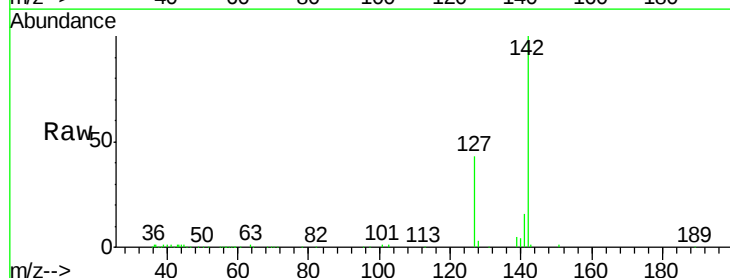
Tgt Ion:142 Resp: 74013

Ion Ratio Lower Upper

142 100

127 44.8 35.0 52.4

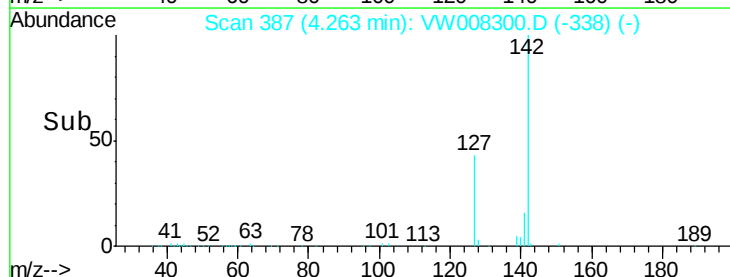
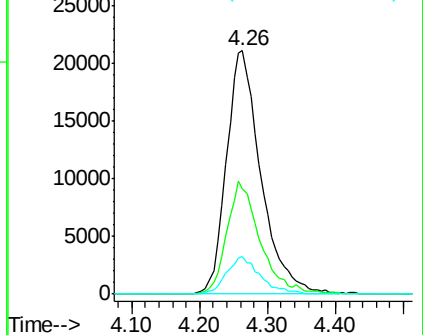
141 15.0 11.8 17.6

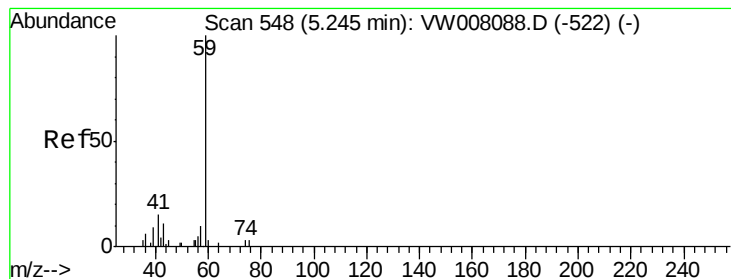


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



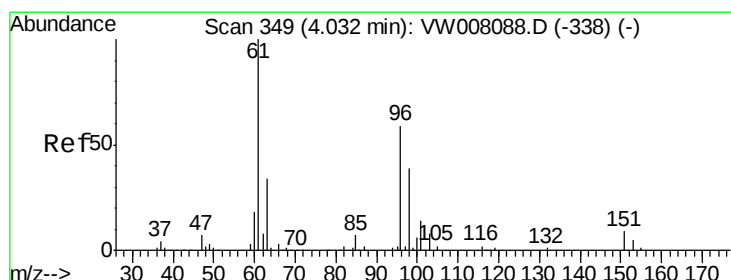
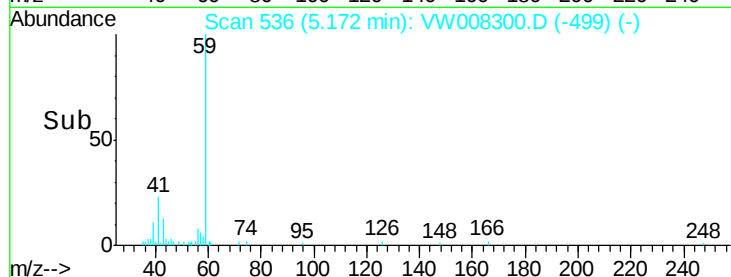
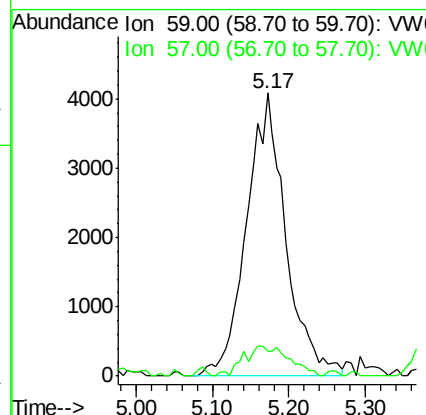
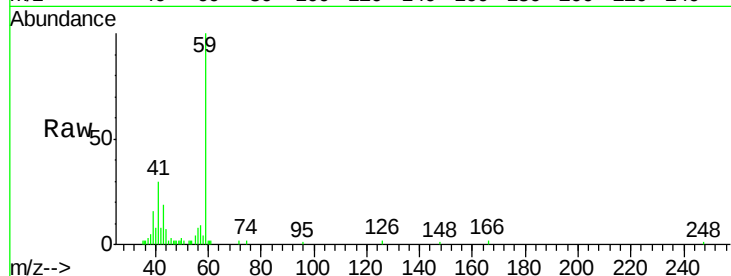


#11

Tert butyl alcohol
 Concen: 215.681 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.07 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Instrument :
 MSVOA_W
 ClientSampled :
 BFB

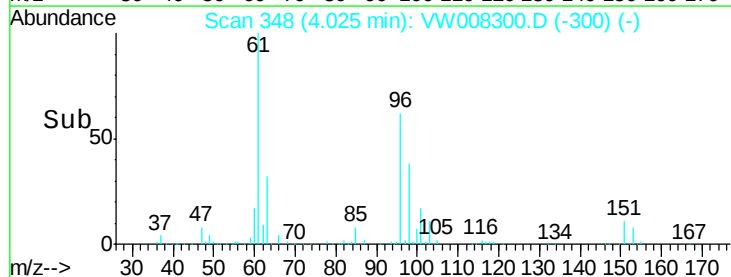
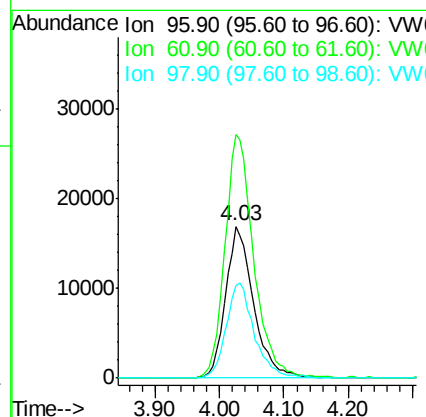
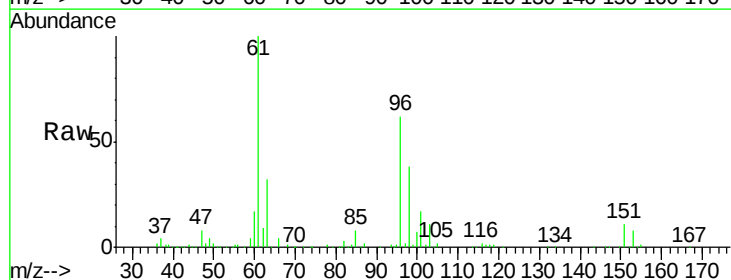
Tot Ion: 59 Resp: 14598
 Ion Ratio Lower Upper
 59 100
 57 12.4 0.0 0.0#

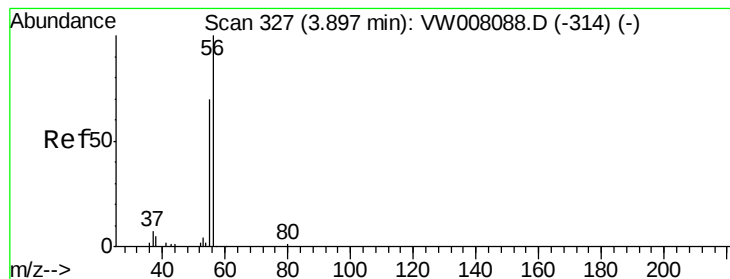


#12

1,1-Dichloroethene
 Concen: 48.740 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Tgt Ion: 96 Resp: 51572
 Ion Ratio Lower Upper
 96 100
 61 160.3 135.4 203.2
 98 61.0 52.5 78.7





#13

Acrolein

Concen: 257.959 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampled :

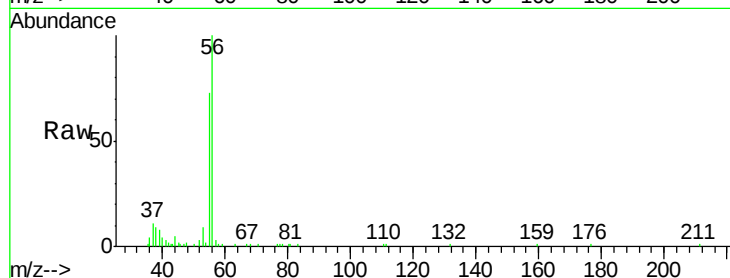
BFB

Tot Ion: 56 Resp: 18646

Ion Ratio Lower Upper

56 100

55 71.8 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

8000

6000

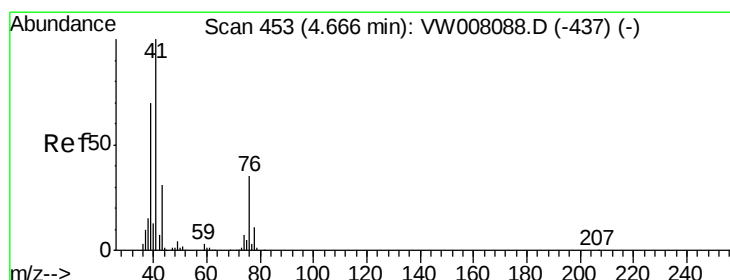
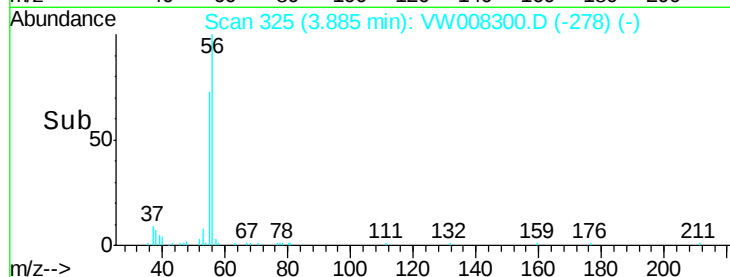
4000

2000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 46.037 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

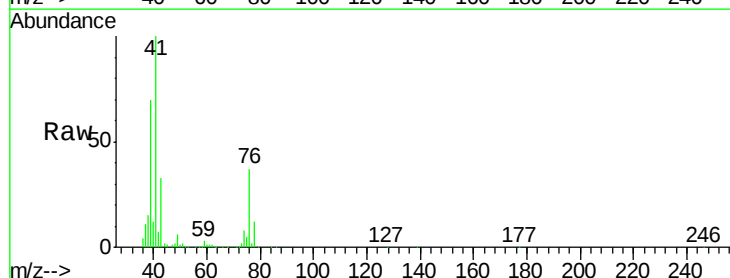
Tgt Ion: 41 Resp: 88440

Ion Ratio Lower Upper

41 100

39 68.5 53.8 80.8

76 36.3 27.6 41.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.66

40000

30000

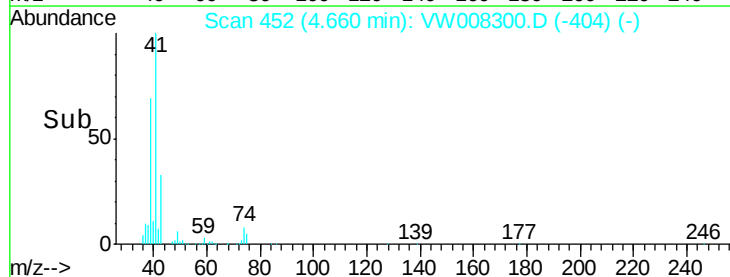
20000

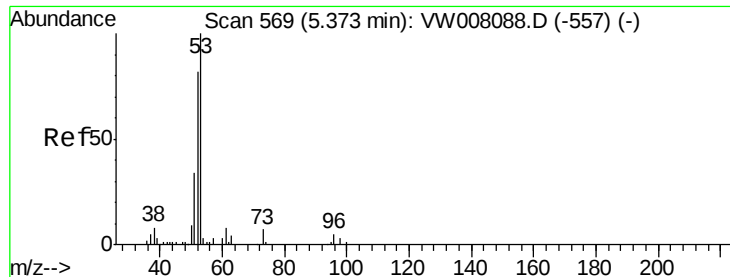
10000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 221.837 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

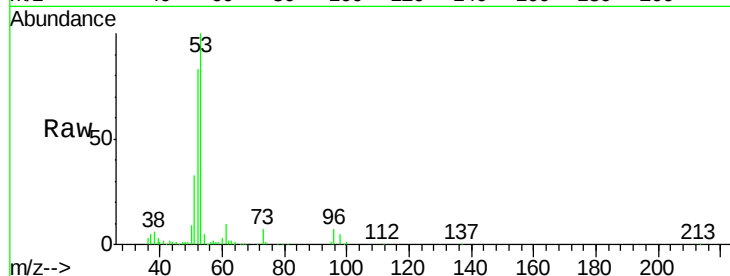
MSVOA_W

ClientSampleId :

BFB

Tot Ion: 53 Resp: 51827

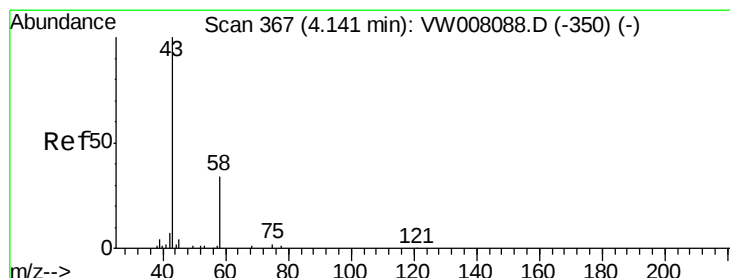
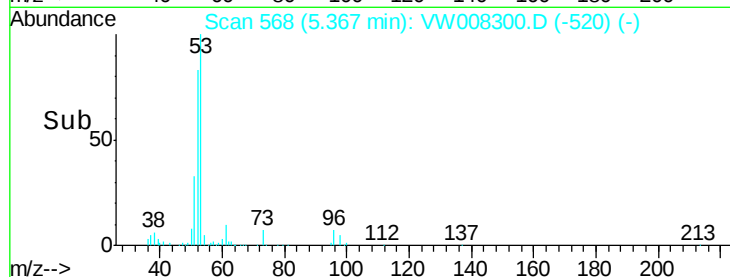
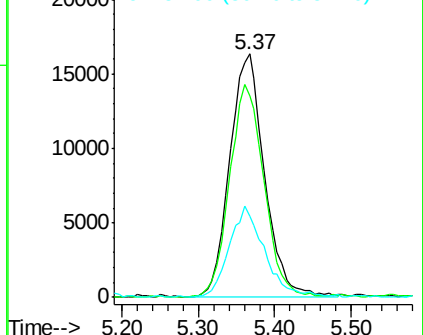
Ion	Ratio	Lower	Upper
53	100		
52	86.1	66.8	100.2
51	38.0	29.7	44.5



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 273.491 ug/l

RT: 4.12 min Scan# 363

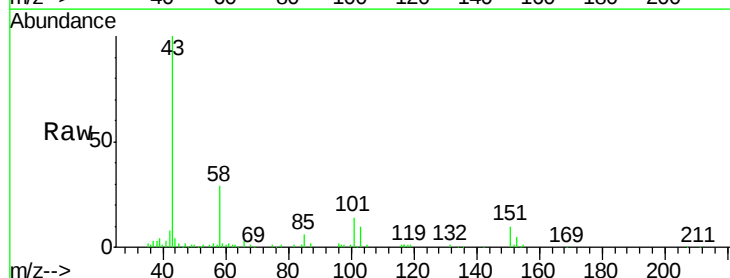
Delta R.T. -0.02 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

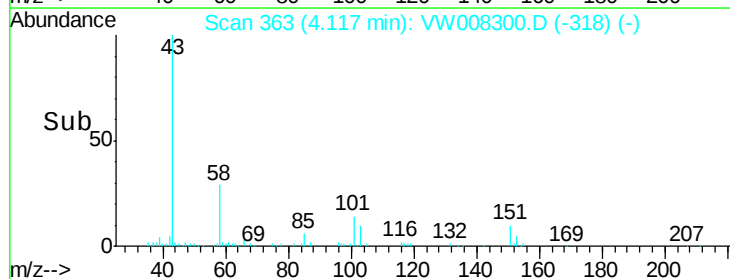
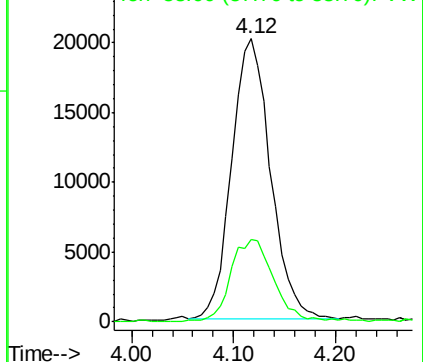
Tgt Ion: 43 Resp: 52996

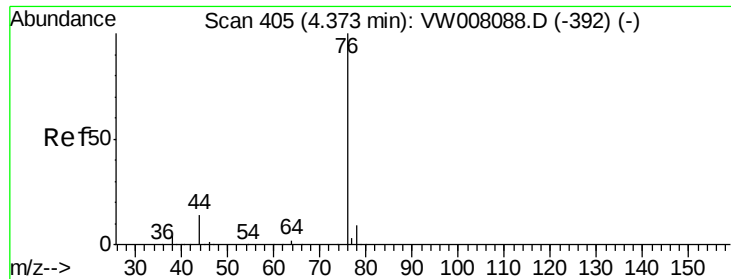
Ion	Ratio	Lower	Upper
43	100		
58	28.6	27.5	41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

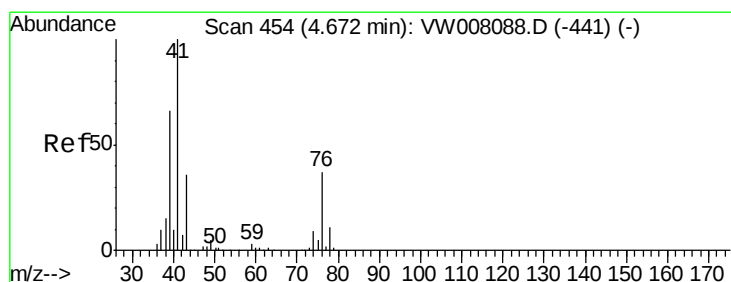
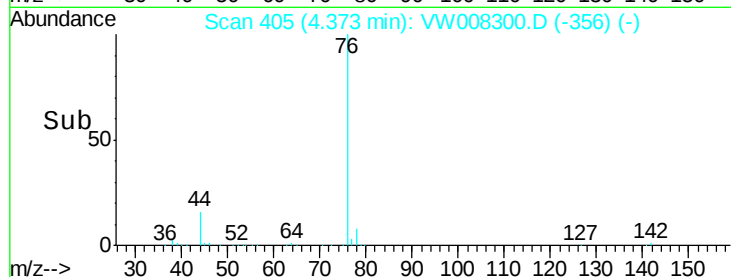
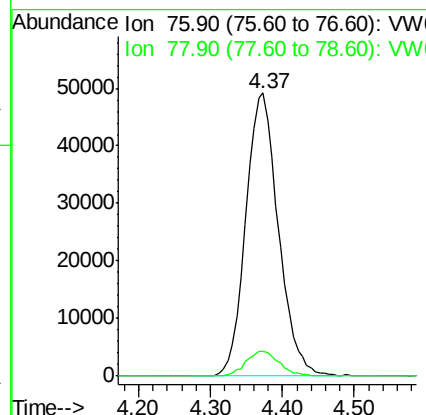
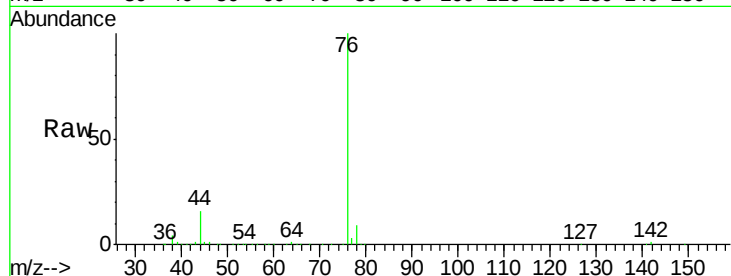




#17
Carbon Disulfide
Concen: 46.823 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

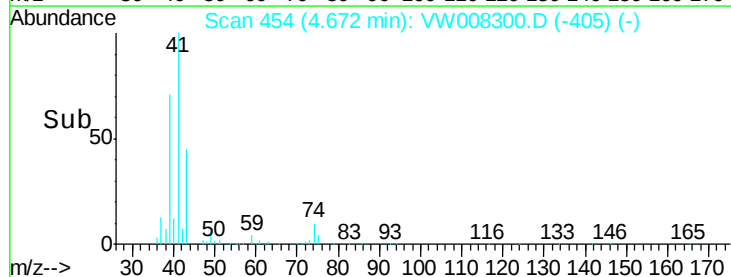
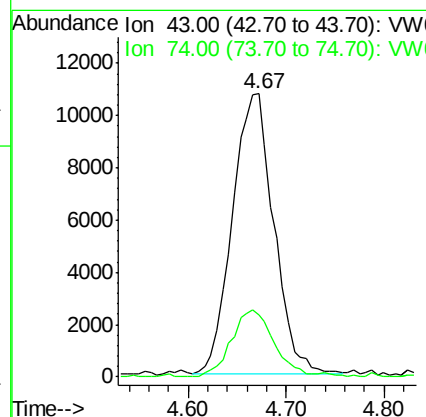
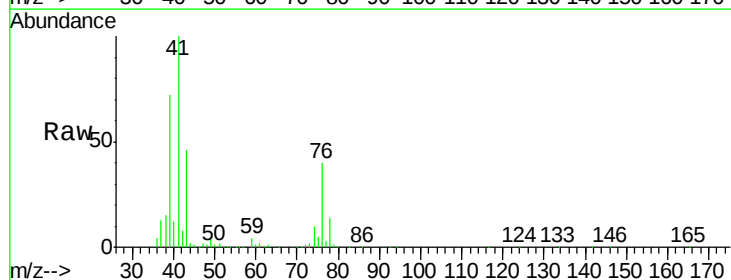
Instrument :
MSVOA_W
ClientSampled :
BFB

Tot Ion: 76 Resp: 154768
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 46.043 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion: 43 Resp: 31601
Ion Ratio Lower Upper
43 100
74 24.5 19.0 28.4

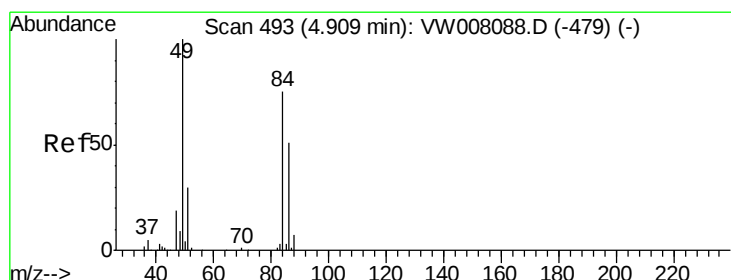
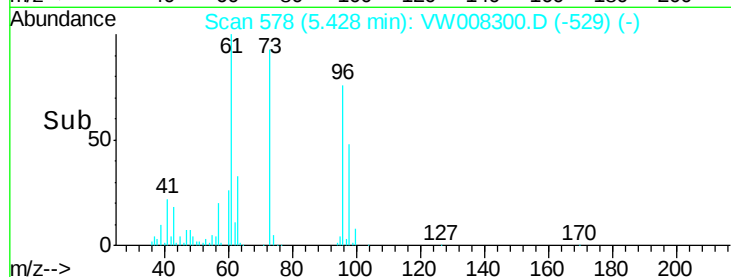
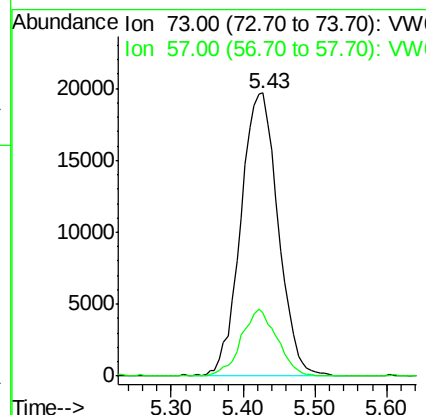
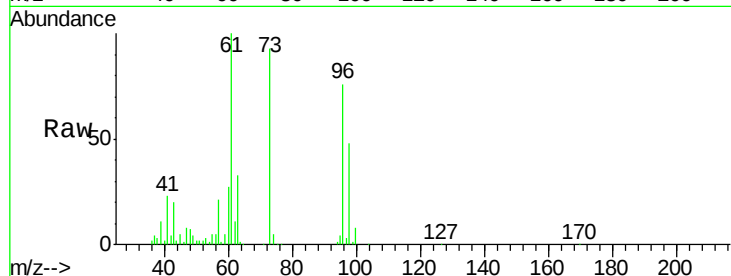




#19
Methyl tert-butyl Ether
Concen: 41.198 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

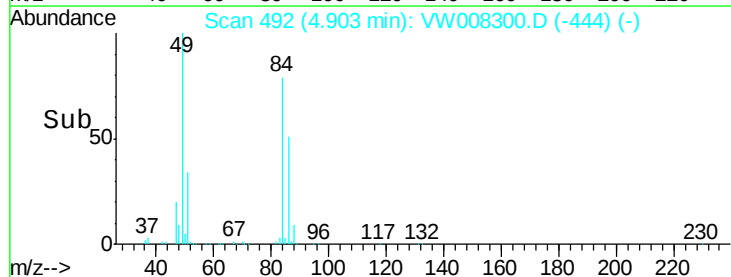
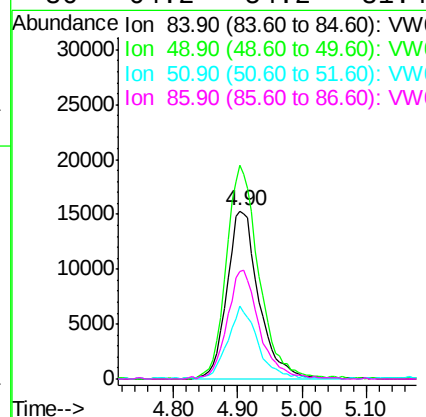
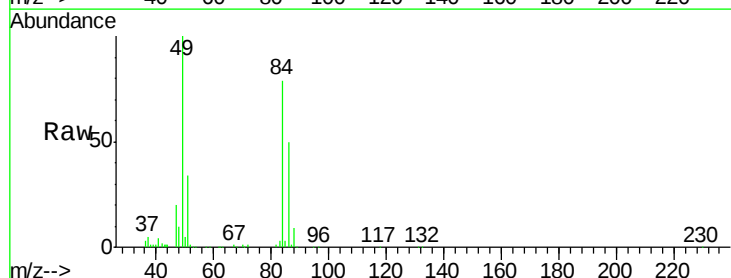
Instrument :
MSVOA_W
ClientSampleId :
BFB

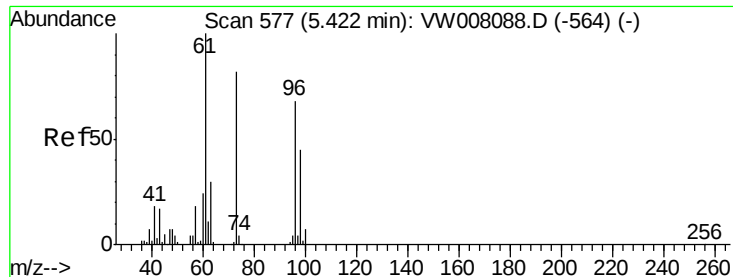
Tot Ion: 73 Resp: 70867
Ion Ratio Lower Upper
73 100
57 22.2 16.7 25.1



#20
Methylene Chloride
Concen: 49.991 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion: 84 Resp: 53450
Ion Ratio Lower Upper
84 100
49 126.7 107.1 160.7
51 42.7 32.4 48.6
86 64.2 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 49.195 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampleId :

BFB

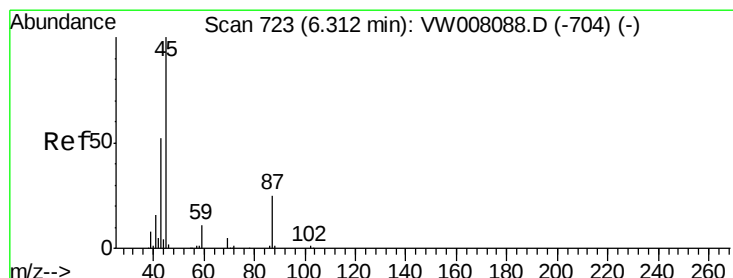
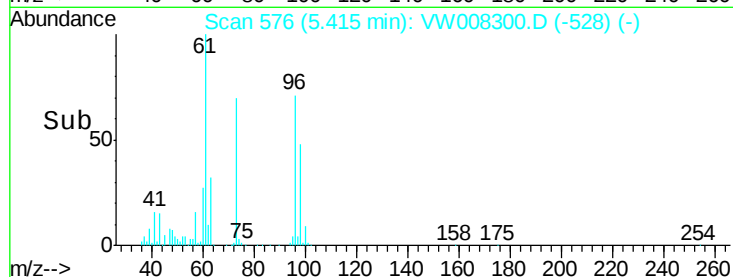
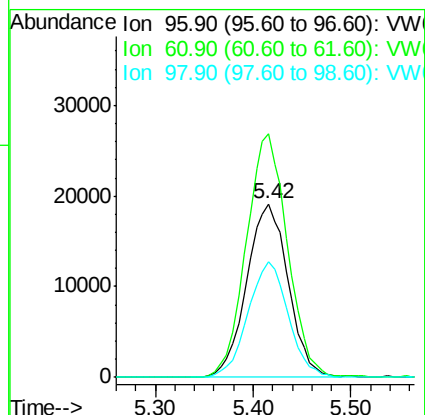
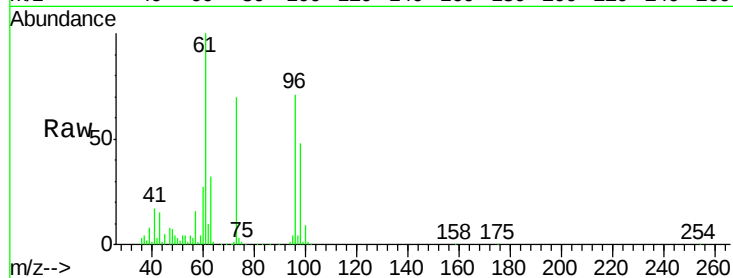
Tot Ion: 96 Resp: 56567

Ion Ratio Lower Upper

96 100

61 140.5 117.4 176.0

98 66.8 52.2 78.4



#22

Diisopropyl ether

Concen: 45.118 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Tgt Ion: 45 Resp: 165303

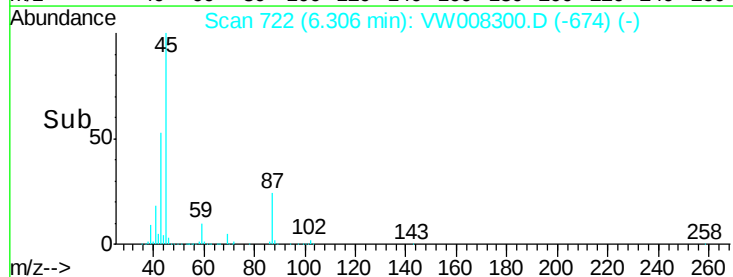
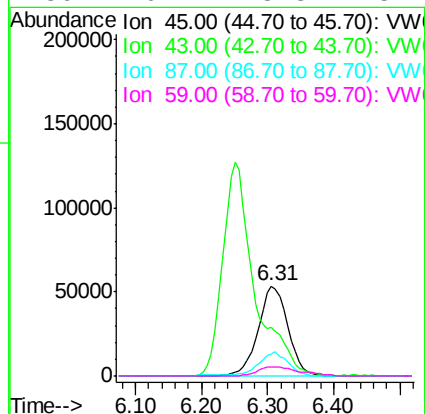
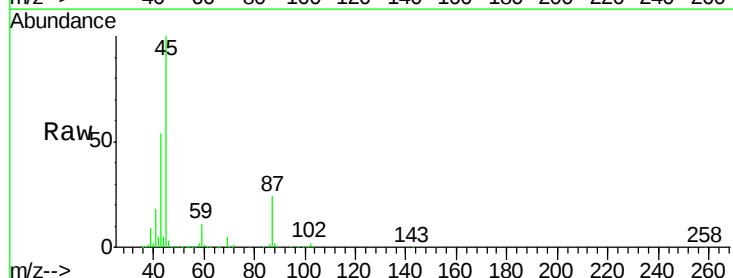
Ion Ratio Lower Upper

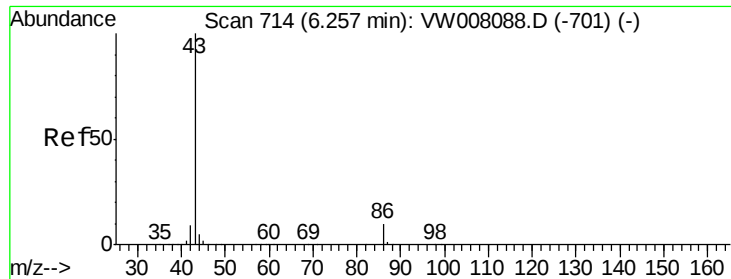
45 100

43 53.3 41.7 62.5

87 24.5 20.1 30.1

59 10.4 8.8 13.2





#23

Vinyl Acetate

Concen: 220.256 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampled :

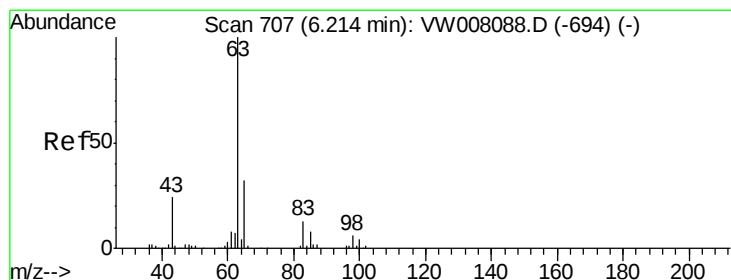
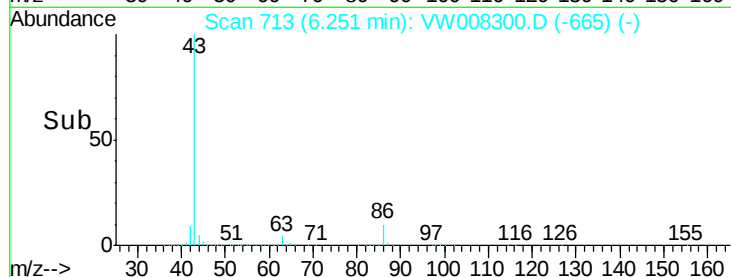
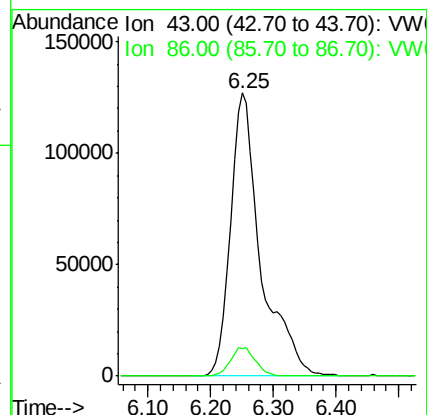
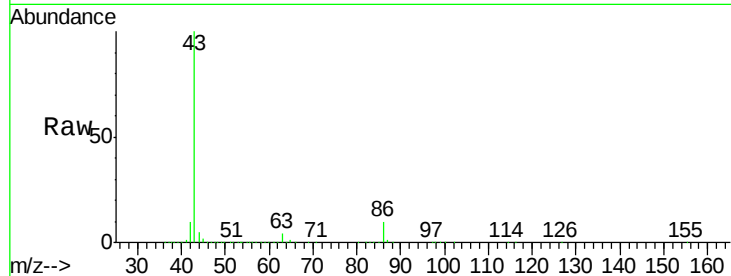
BFB

Tot Ion: 43 Resp: 423825

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



#24

1,1-Dichloroethane

Concen: 48.008 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

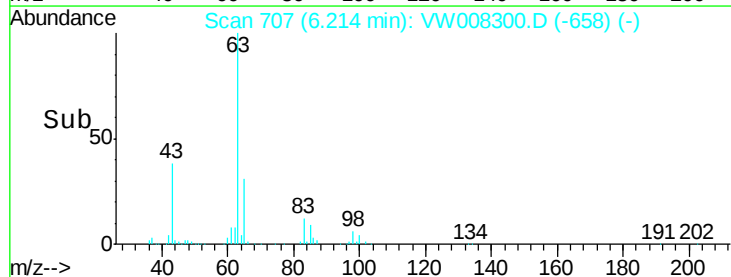
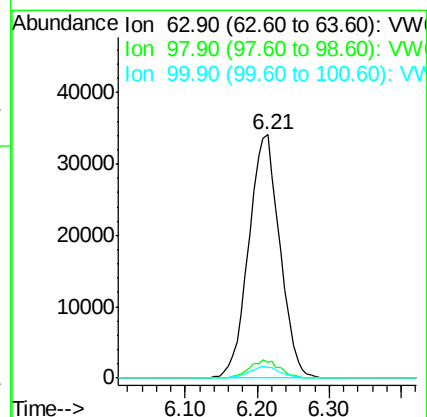
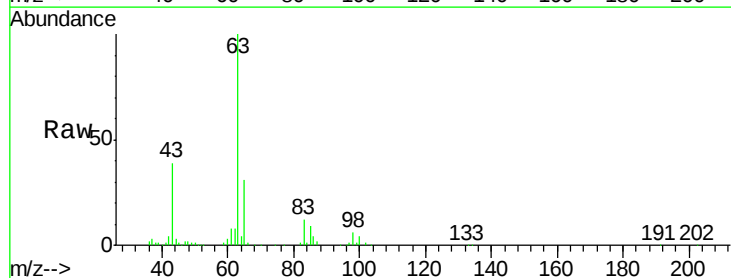
Tgt Ion: 63 Resp: 102485

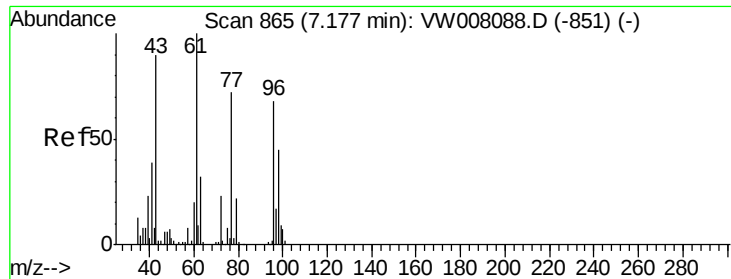
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 231.771 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampled :

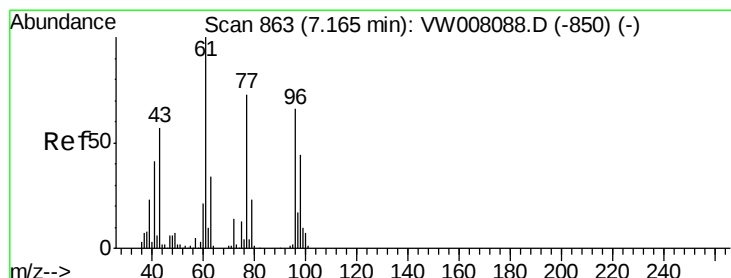
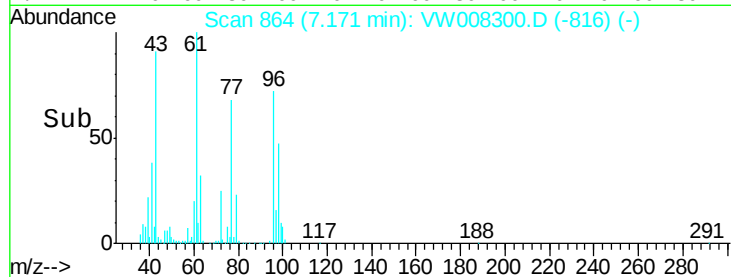
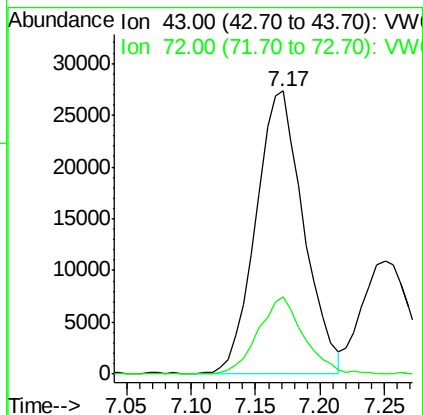
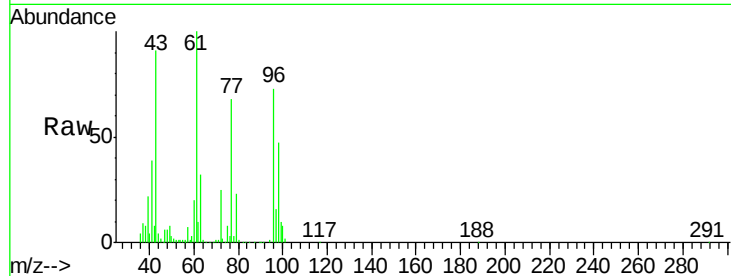
BFB

Tot Ion: 43 Resp: 70027

Ion Ratio Lower Upper

43 100

72 27.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 46.471 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008300.D

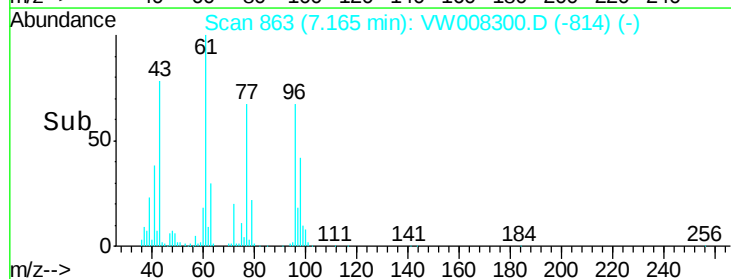
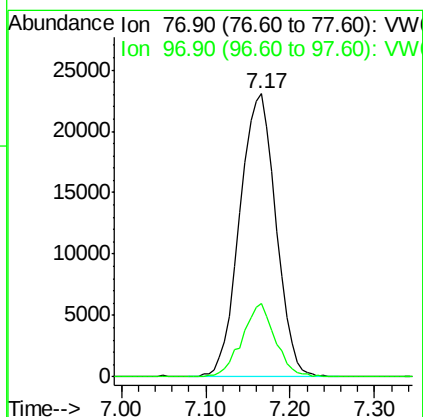
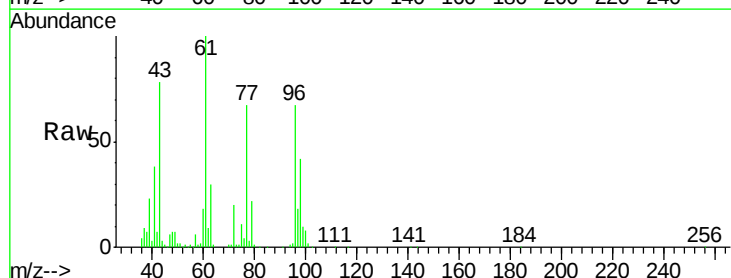
Acq: 16 Jan 2019 11:10

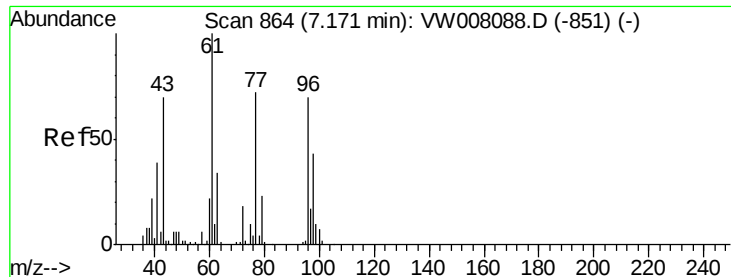
Tgt Ion: 77 Resp: 67218

Ion Ratio Lower Upper

77 100

97 23.8 11.4 34.1

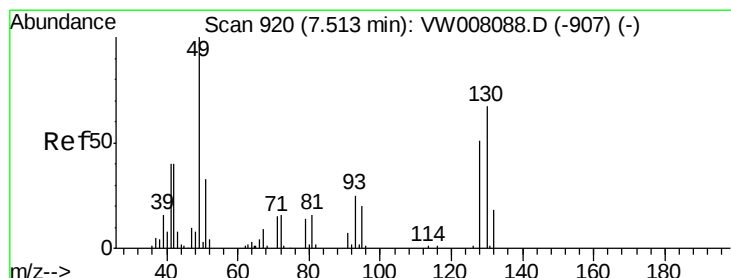
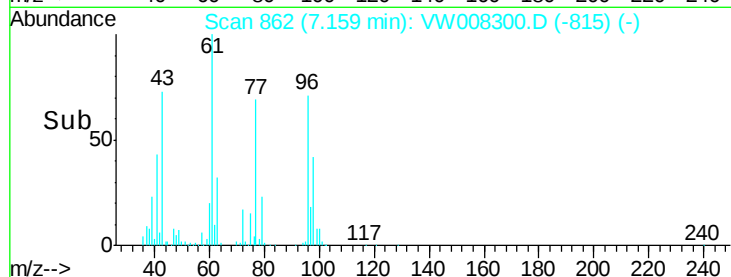
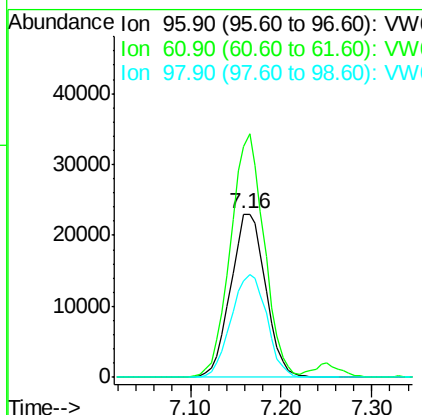
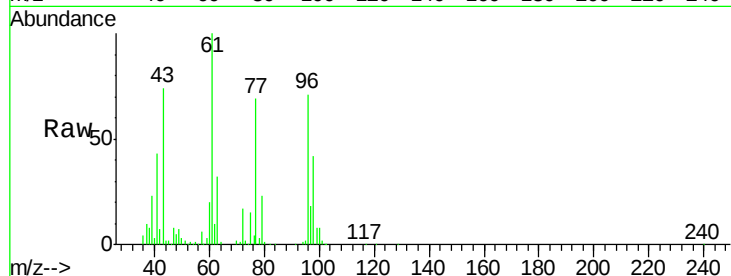




#27
 cis-1,2-Dichloroethene
 Concen: 49.105 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

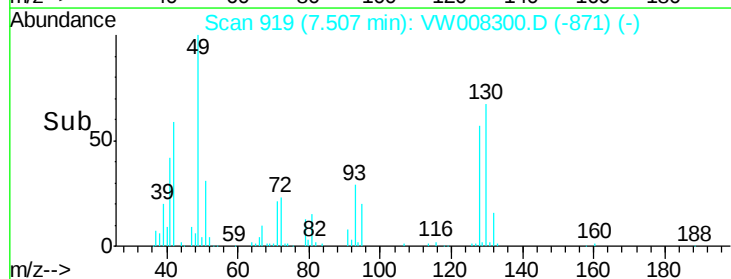
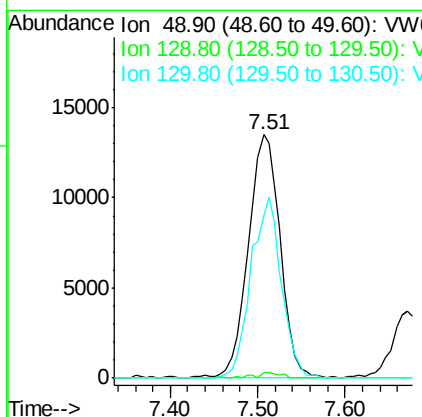
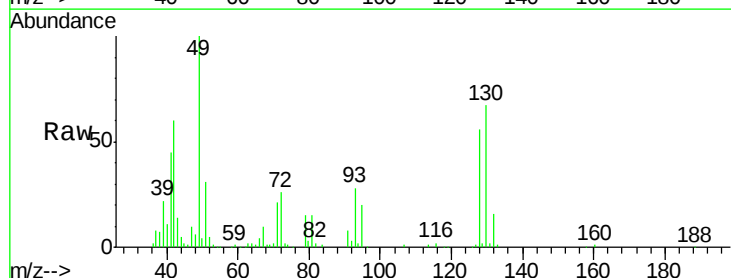
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

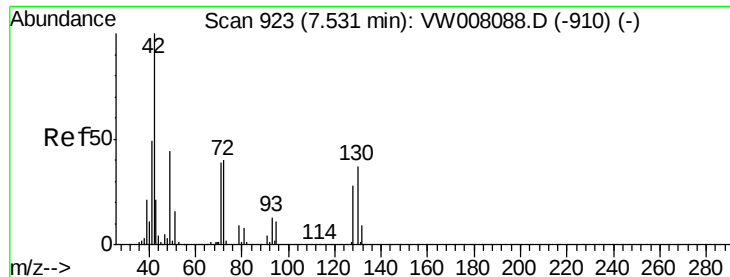
Tot Ion: 96 Resp: 61604
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 300.4
 98 64.3 0.0 128.4



#28
 Bromochloromethane
 Concen: 40.609 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Tgt Ion: 49 Resp: 34289
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 2.8
 130 70.6 54.3 81.5

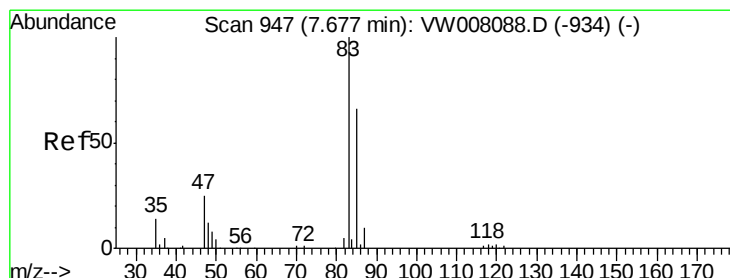
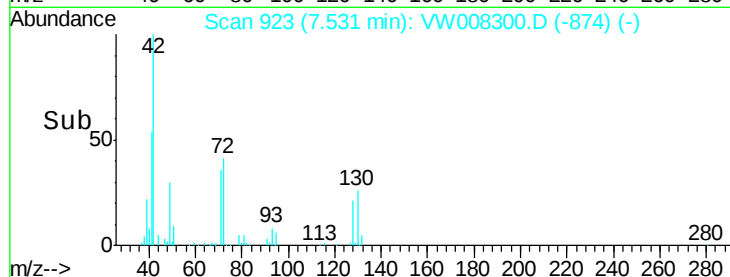
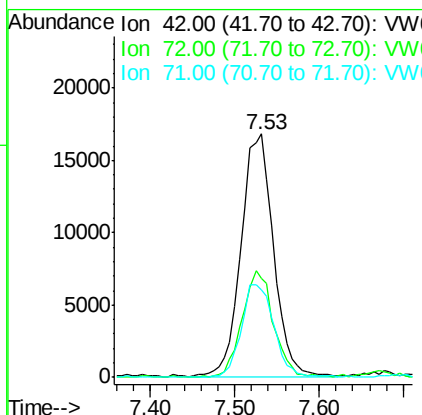
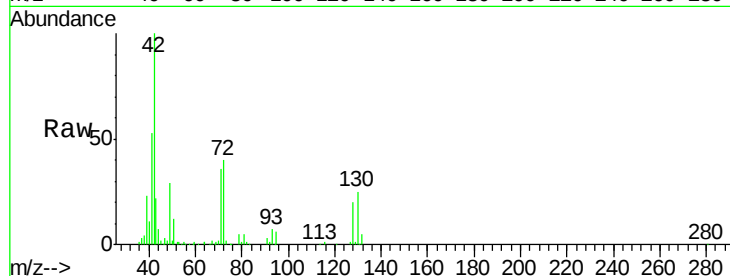




#29
Tetrahydrofuran
Concen: 218.650 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

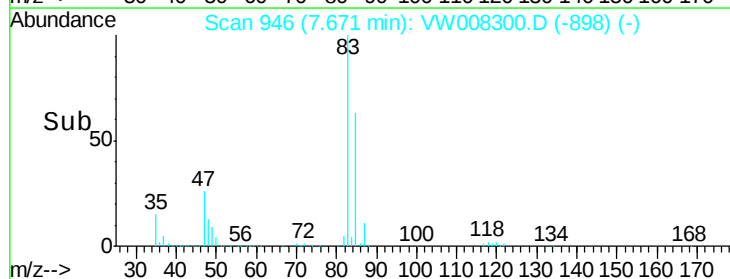
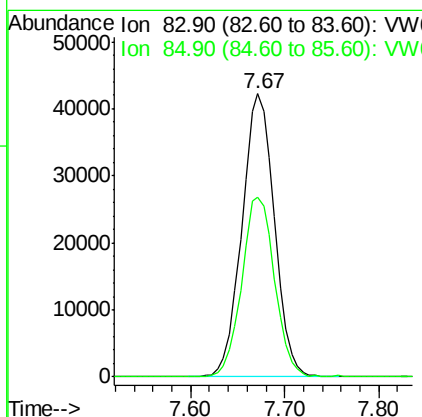
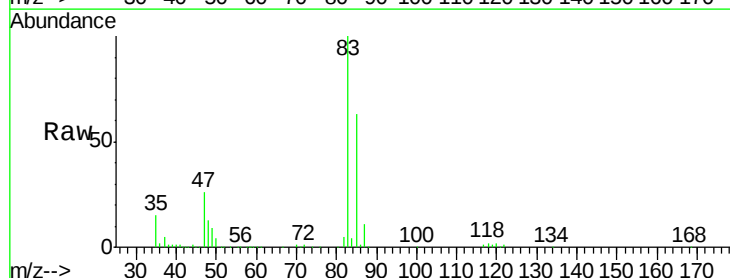
Instrument :
MSVOA_W
ClientSampled :
BFB

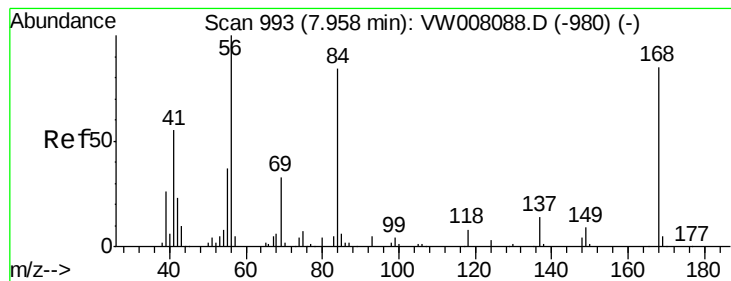
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.4	48.6
71	38.0	31.3	46.9



#30
Chloroform
Concen: 50.126 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.2	79.8





#31

Cyclohexane

Concen: 43.353 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampleId :

BFB

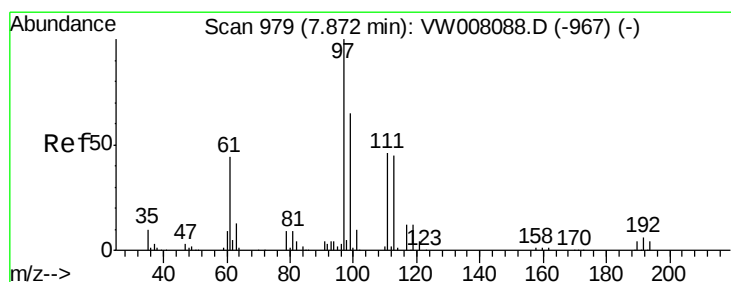
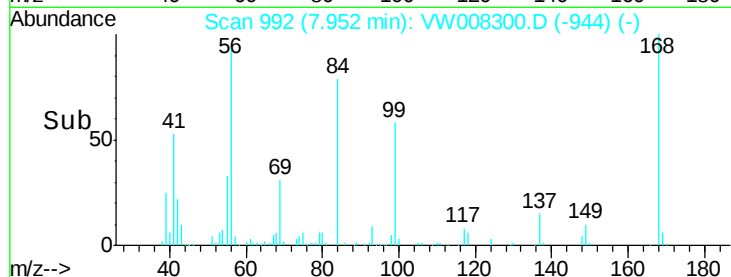
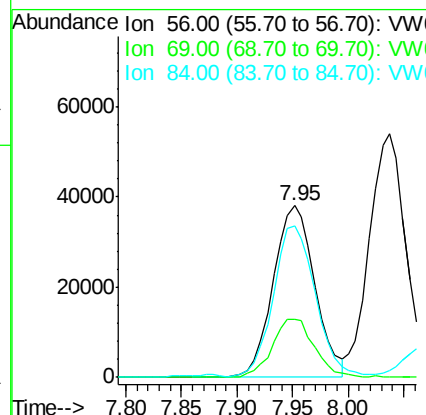
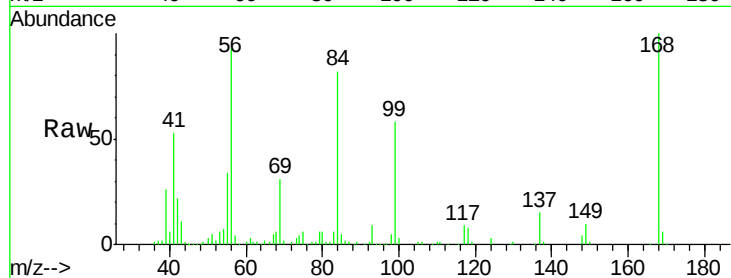
Tot Ion: 56 Resp: 99075

Ion Ratio Lower Upper

56 100

69 33.6 26.2 39.4

84 86.6 67.4 101.2



#32

1,1,1-Trichloroethane

Concen: 48.978 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

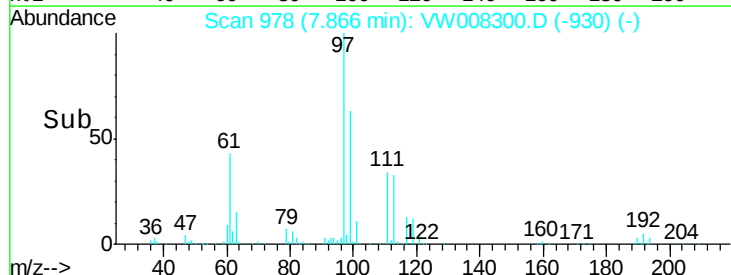
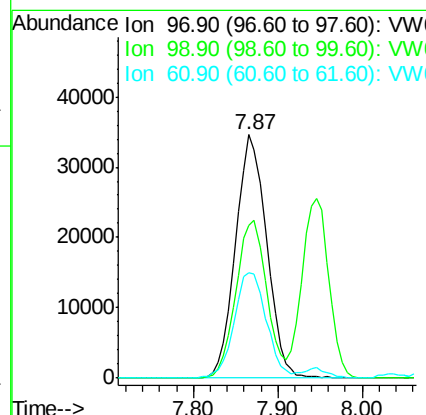
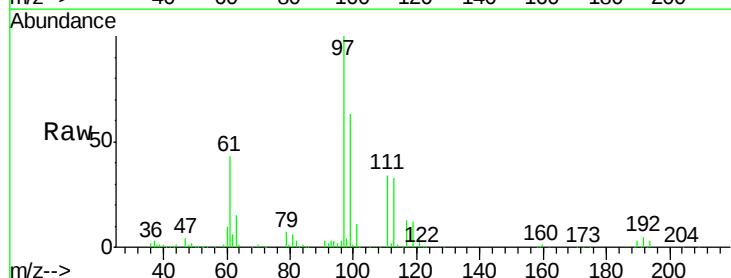
Tgt Ion: 97 Resp: 86595

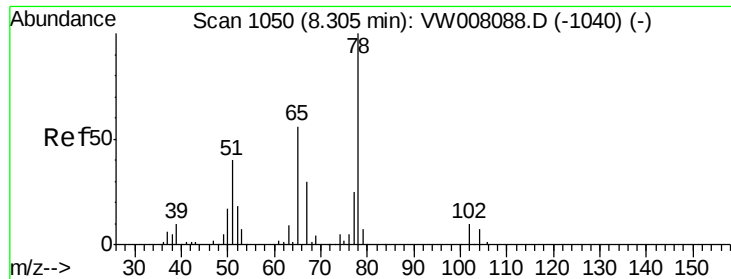
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 44.7 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 36.507 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampled :

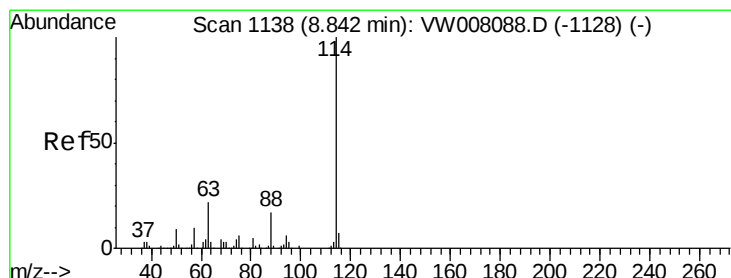
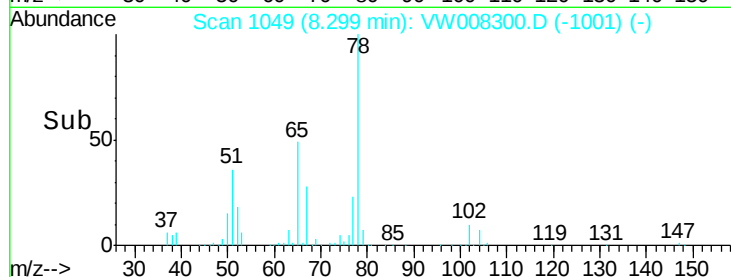
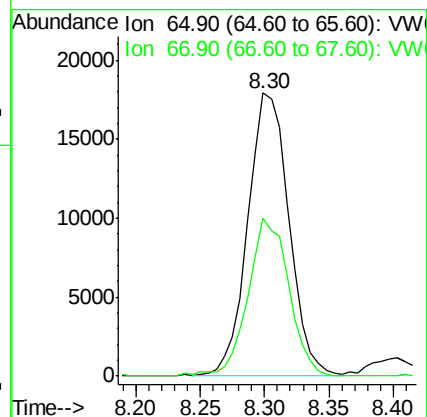
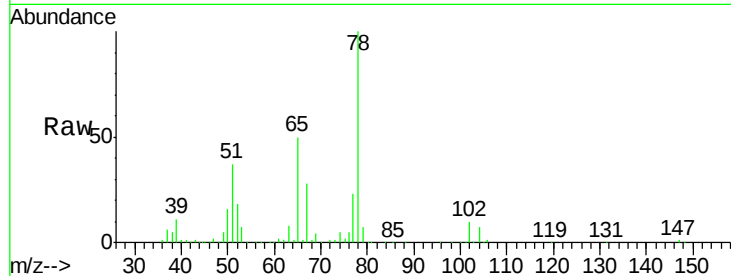
BFB

Tot Ion: 65 Resp: 39644

Ion Ratio Lower Upper

65 100

67 55.5 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

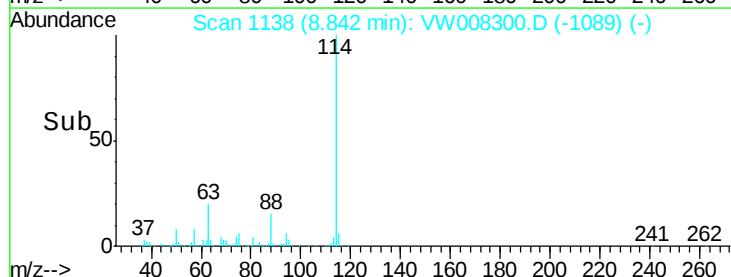
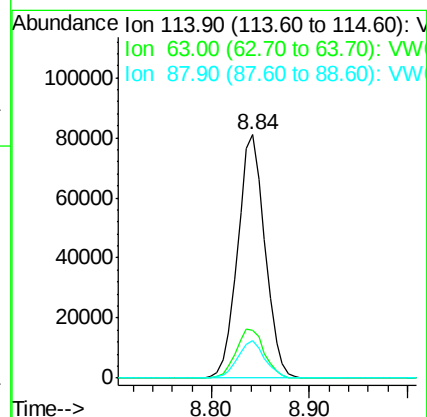
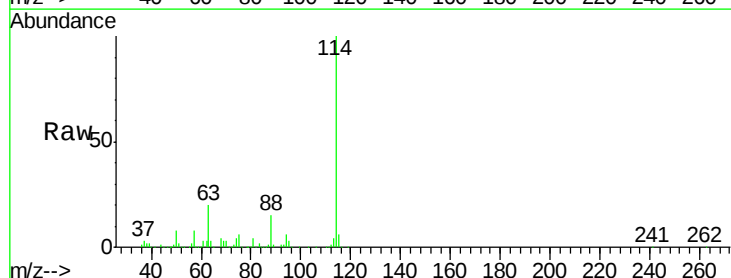
Tgt Ion: 114 Resp: 156110

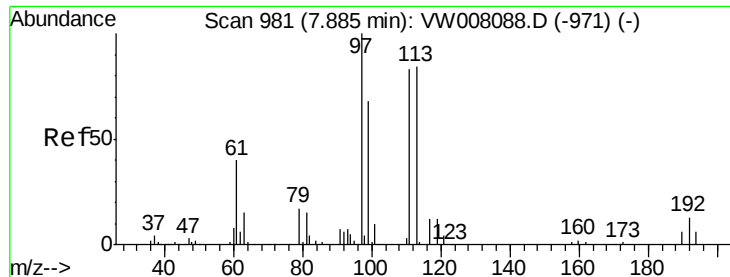
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.4

88 15.3 0.0 33.4

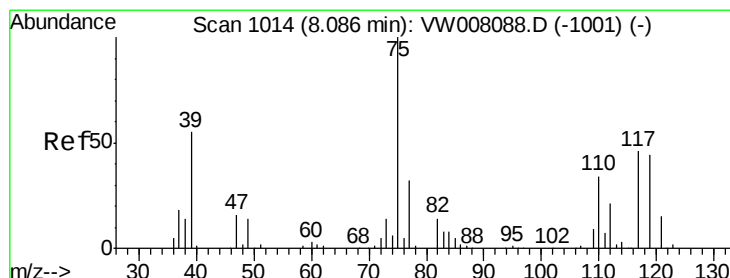
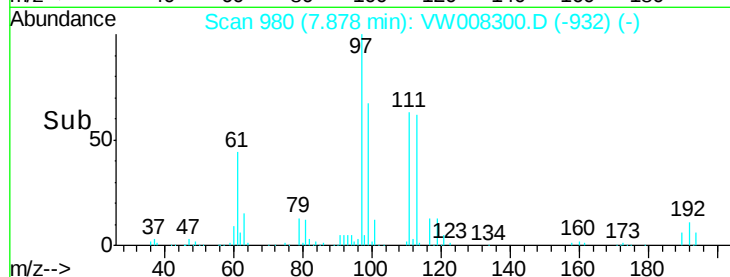
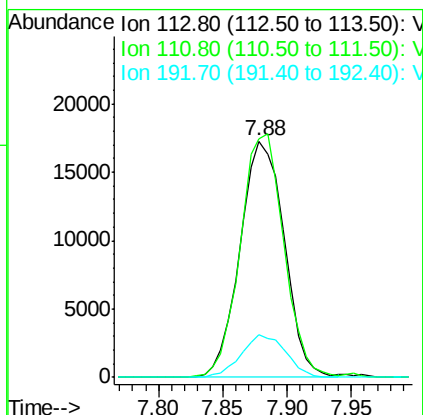
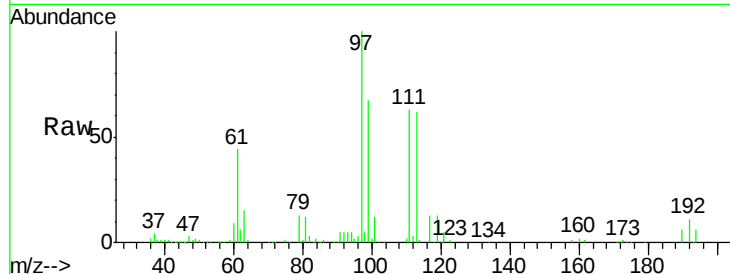




#35
 Dibromofluoromethane
 Concen: 45.212 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

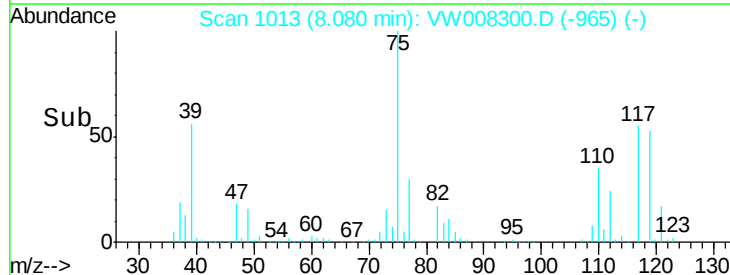
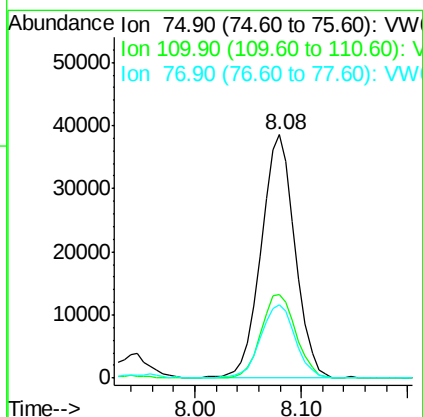
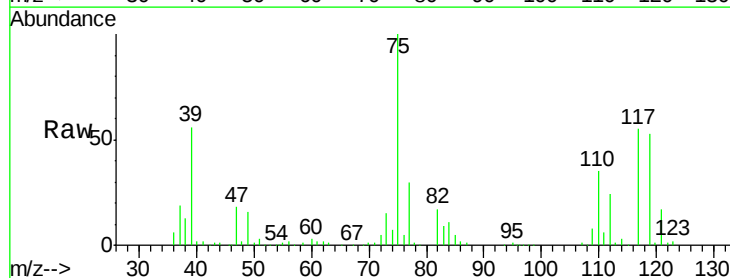
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

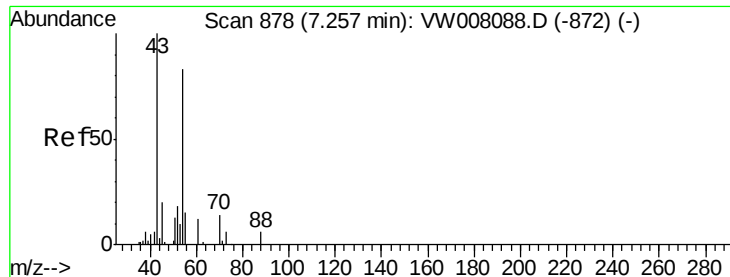
Tot Ion:113 Resp: 41165
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.8 122.8
 192 18.1 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 52.932 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Tgt Ion: 75 Resp: 85120
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.1 51.3
 77 31.3 25.5 38.3

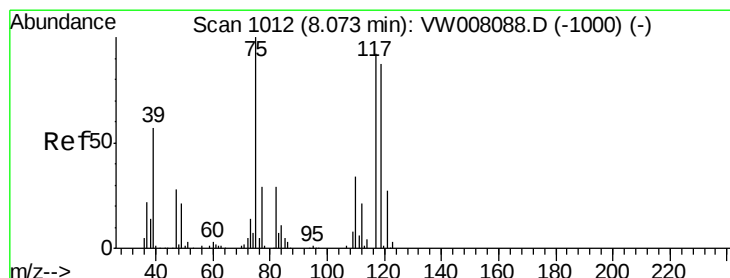
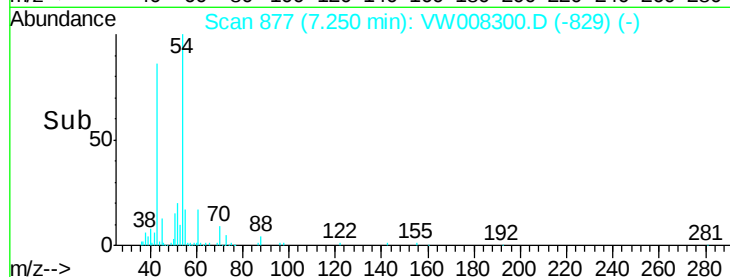
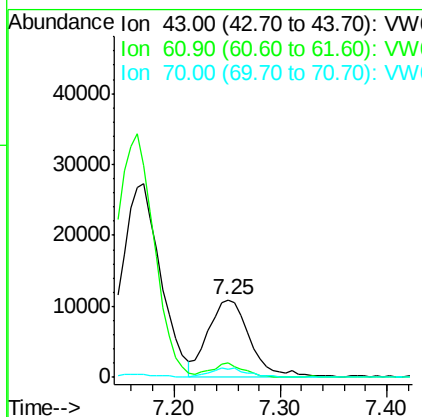
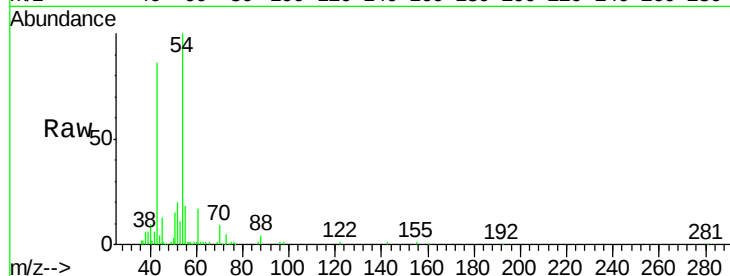




#37
Ethyl Acetate
Concen: 45.639 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

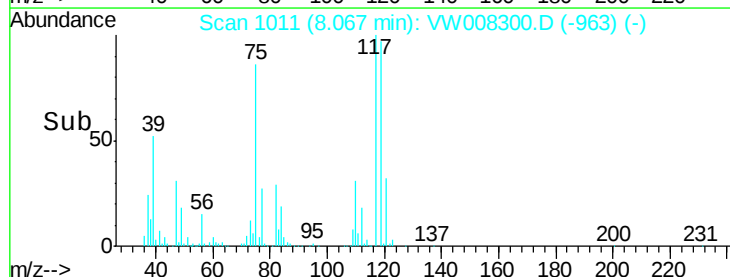
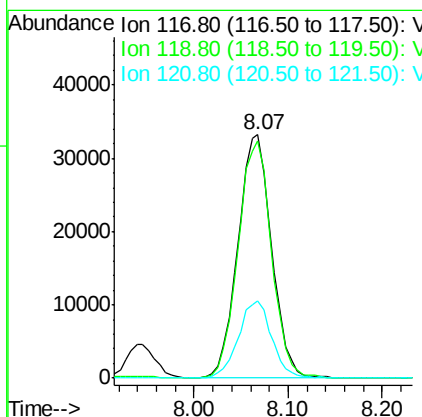
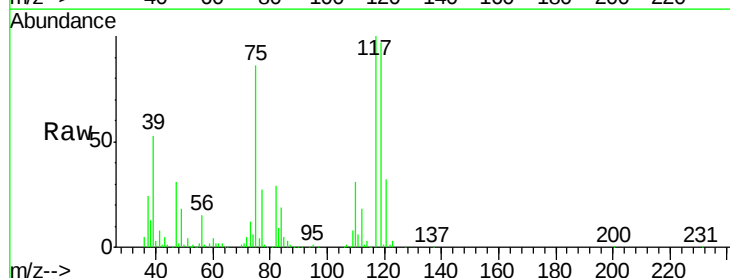
Instrument :
MSVOA_W
ClientSampleId :
BFB

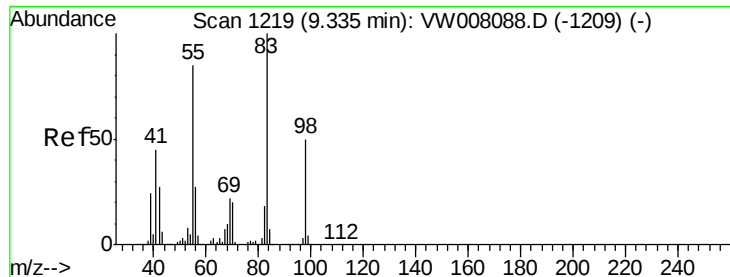
Tot Ion: 43 Resp: 29403
Ion Ratio Lower Upper
43 100
61 14.6 10.6 16.0
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 56.375 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion: 117 Resp: 82975
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
121 31.6 23.7 35.5

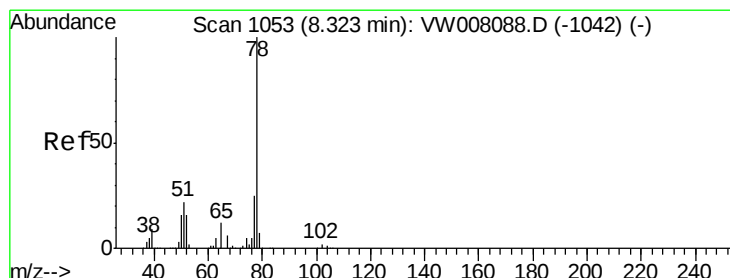
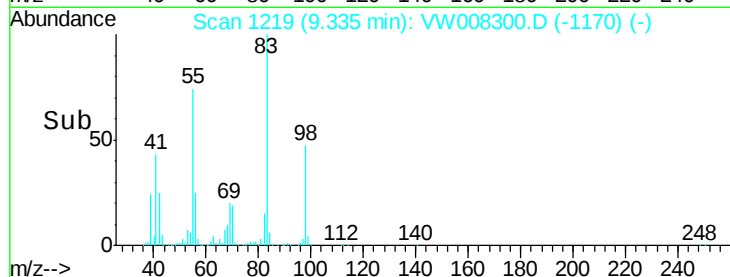
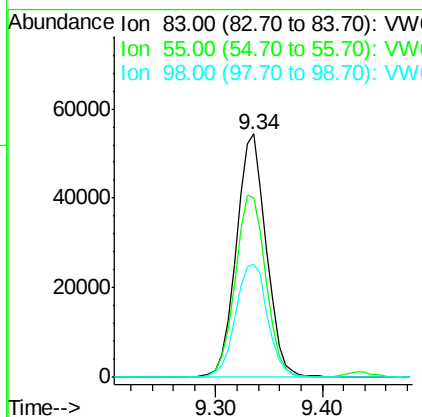
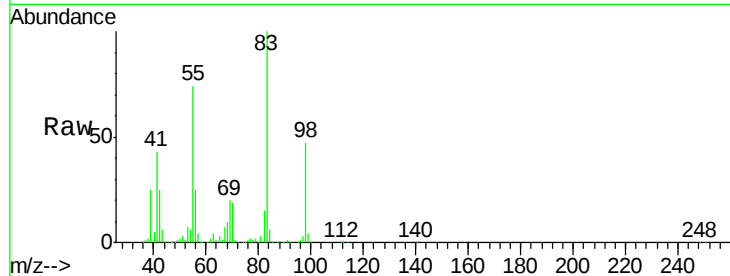




#39
Methvlcvclohexane
Concen: 52.726 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

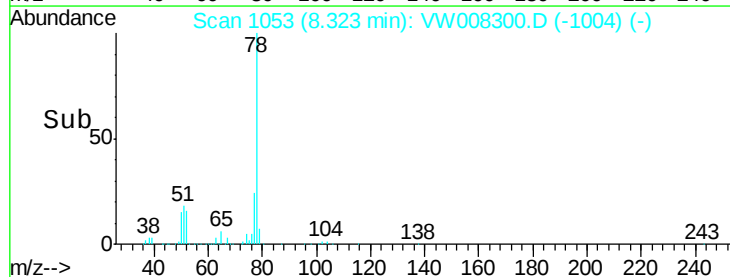
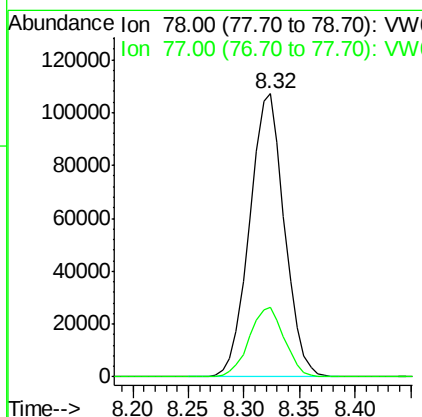
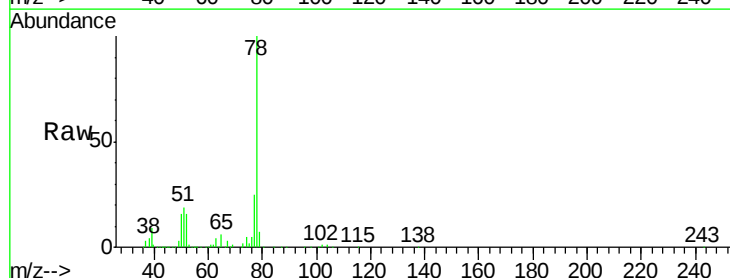
Instrument :
MSVOA_W
ClientSampleId :
BFB

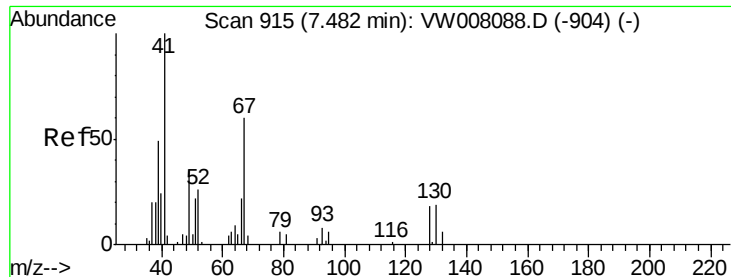
Tot Ion: 83 Resp: 107510
Ion Ratio Lower Upper
83 100
55 73.5 67.8 101.6
98 46.6 40.2 60.4



#40
Benzene
Concen: 53.574 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion: 78 Resp: 233670
Ion Ratio Lower Upper
78 100
77 24.7 20.2 30.4

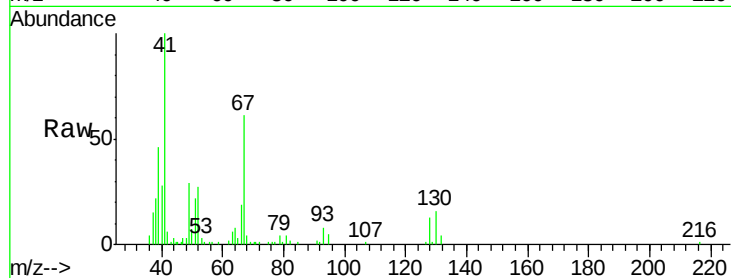




#41
Methacrylonitrile
Concen: 45.738 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Instrument :
MSVOA_W
ClientSampled :
BFB

Tot Ion:	41	Resp:	18614
Ion	Ratio	Lower	Upper
41	100		
39	56.8	47.9	71.9
67	68.1	56.3	84.5
52	31.1	24.5	36.7



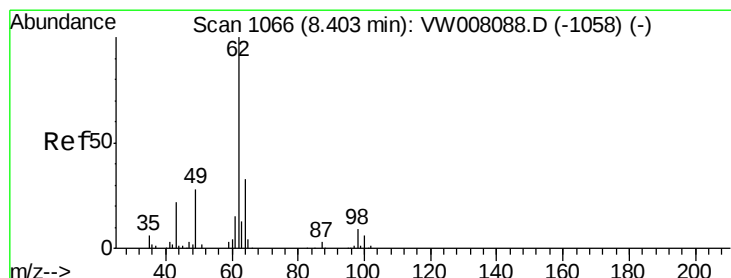
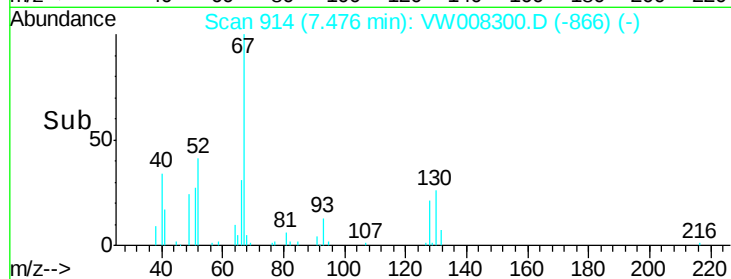
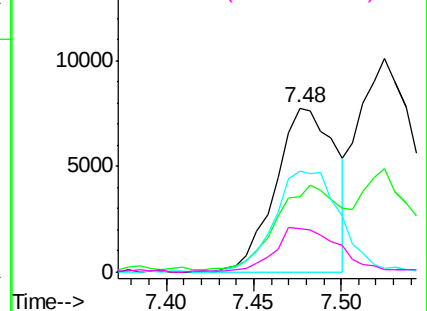
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

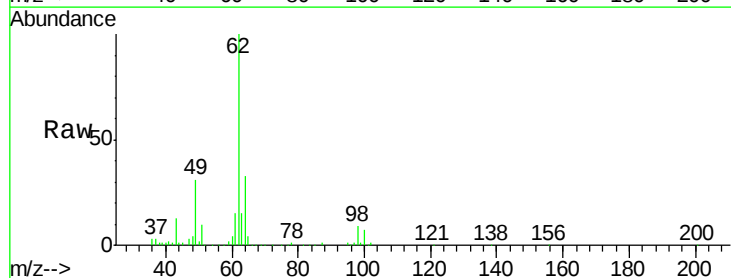
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 48.651 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

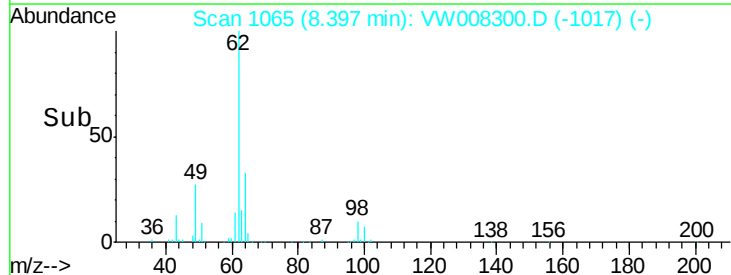
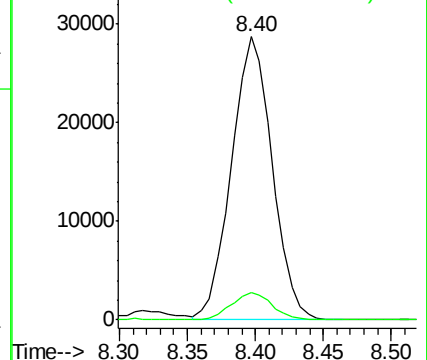
Tgt Ion:	62	Resp:	59681
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.6

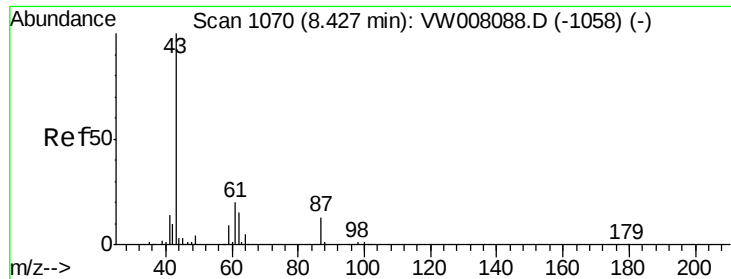


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 44.991 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampleId :

BFB

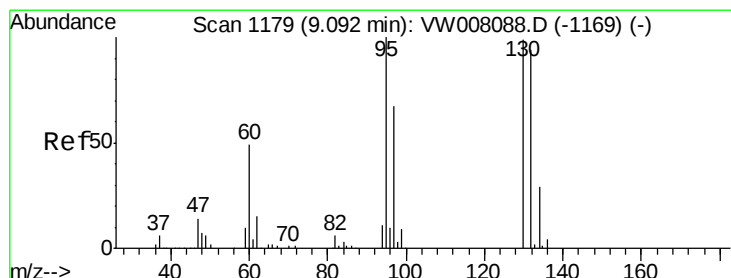
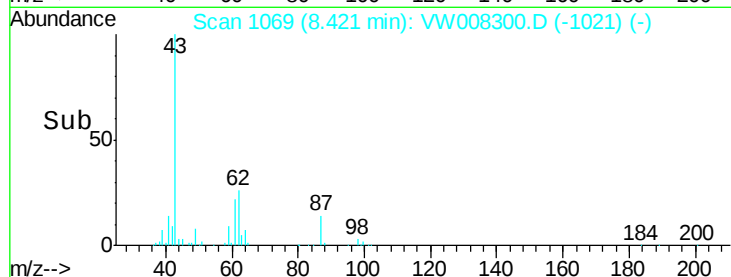
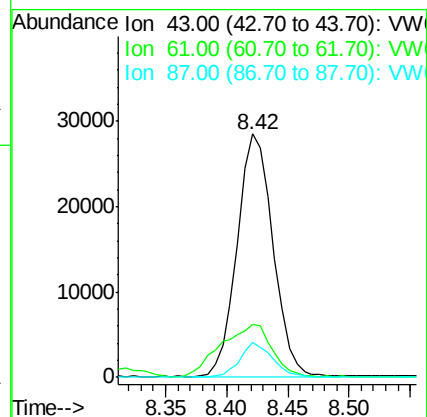
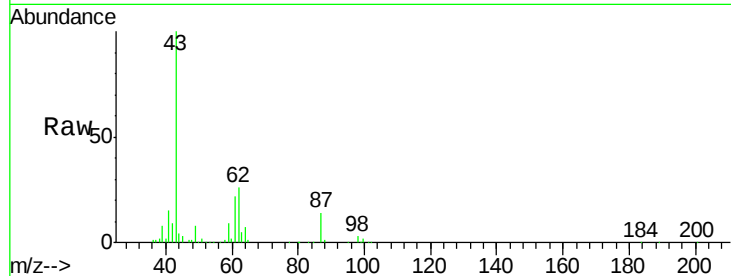
Tot Ion: 43 Resp: 57953

Ion Ratio Lower Upper

43 100

61 31.4 24.8 37.2

87 13.4 10.4 15.6



#44

Trichloroethene

Concen: 56.361 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008300.D

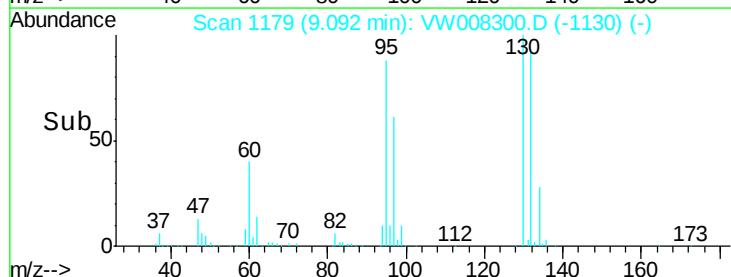
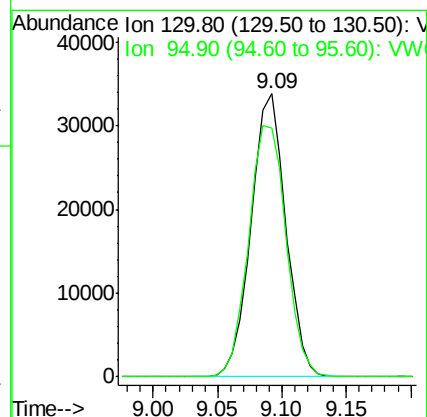
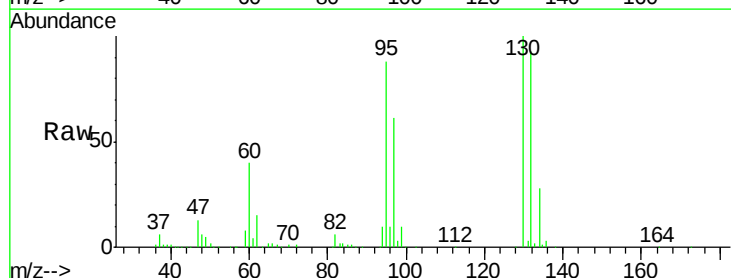
Acq: 16 Jan 2019 11:10

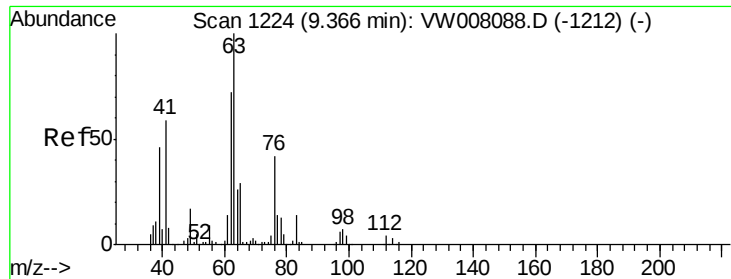
Tgt Ion: 130 Resp: 62928

Ion Ratio Lower Upper

130 100

95 87.7 0.0 202.8





#45

1,2-Dichloropropane

Concen: 53.047 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampleId :

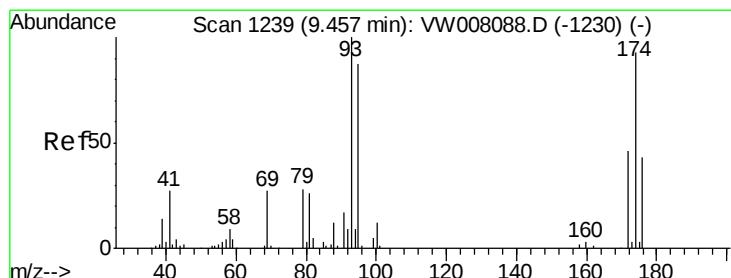
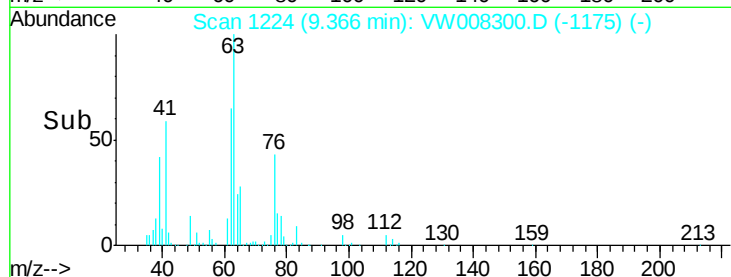
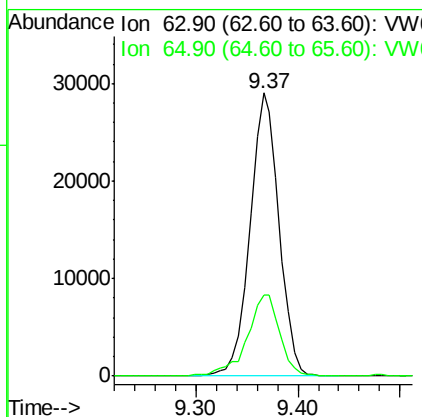
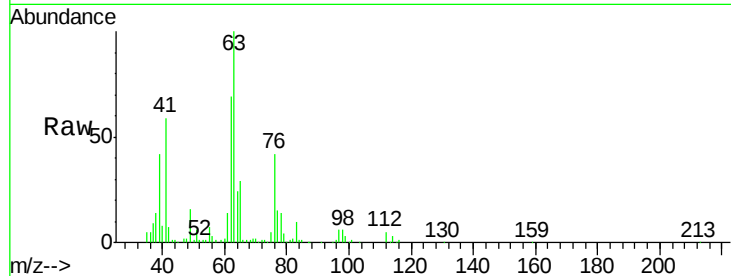
BFB

Tot Ion: 63 Resp: 57369

Ion Ratio Lower Upper

63 100

65 28.5 23.3 34.9



#46

Dibromomethane

Concen: 52.370 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

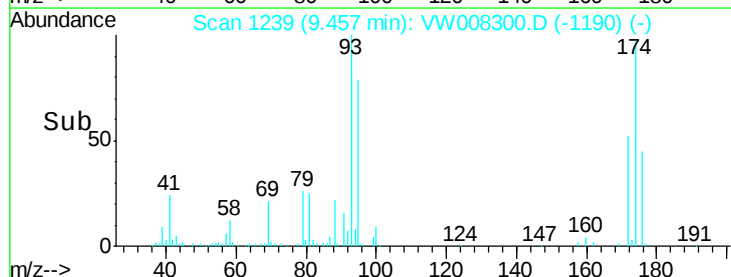
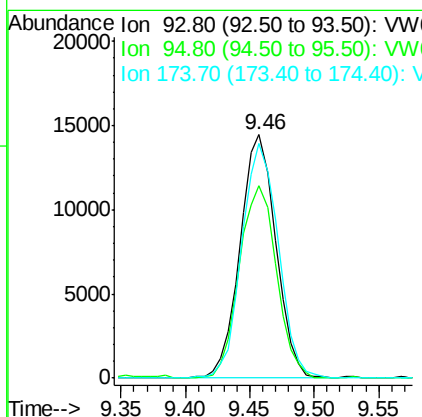
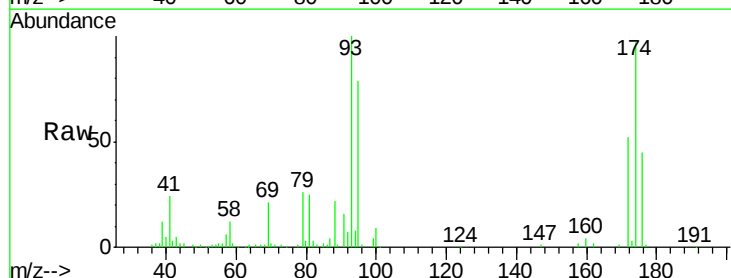
Tgt Ion: 93 Resp: 27815

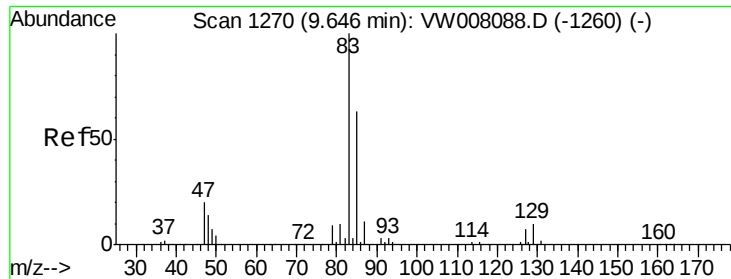
Ion Ratio Lower Upper

93 100

95 82.3 67.5 101.3

174 98.2 72.5 108.7

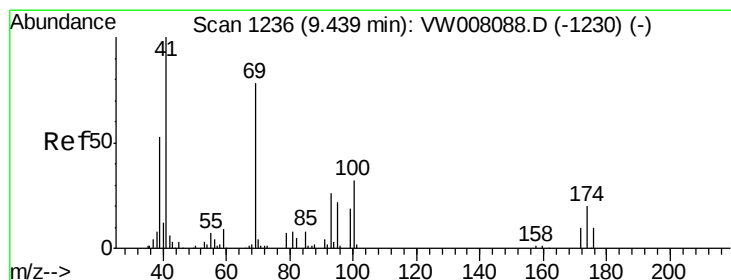
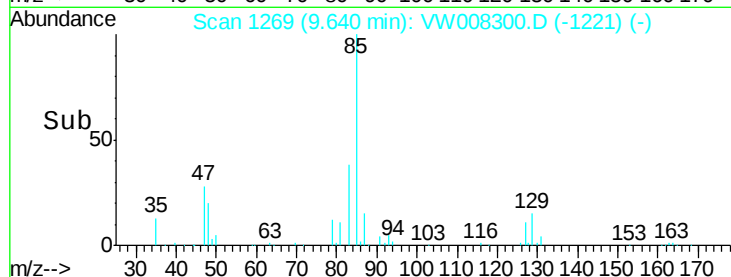
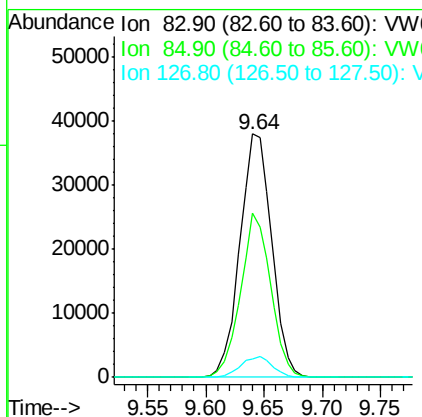
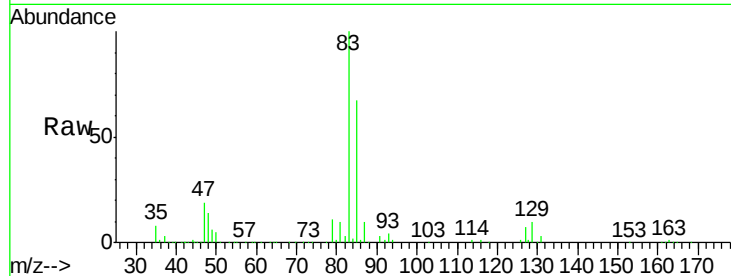




#47
 Bromodichloromethane
 Concen: 53.623 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

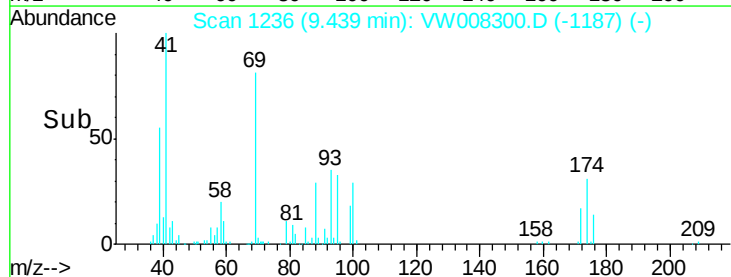
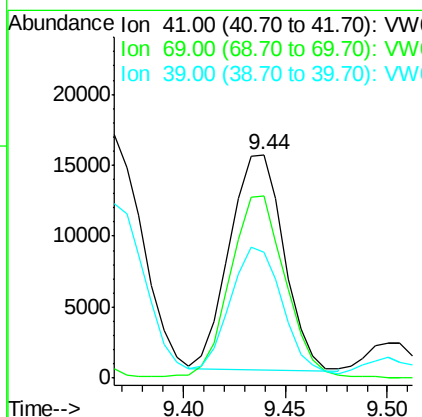
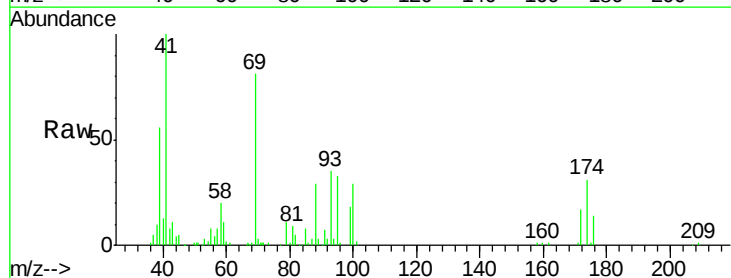
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

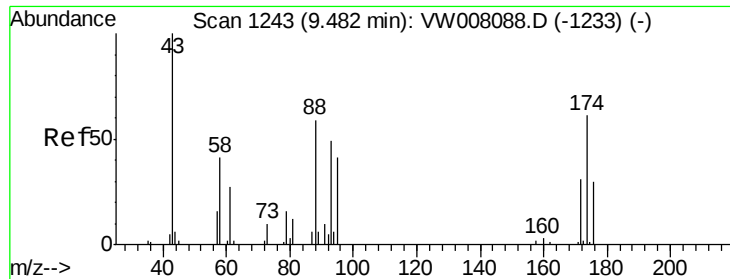
Tot Ion	83	Resp	72317
Ion Ratio	Lower	Upper	
83	100		
85	67.3	50.7	76.1
127	7.3	6.0	9.0



#48
 Methyl methacrylate
 Concen: 46.015 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Tgt Ion	41	Resp	27968
Ion Ratio	Lower	Upper	
41	100		
69	86.3	61.9	92.9
39	56.8	43.0	64.4

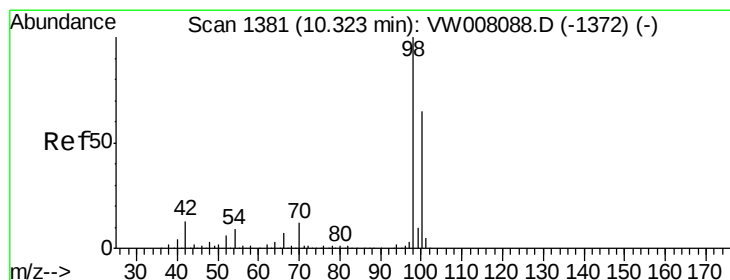
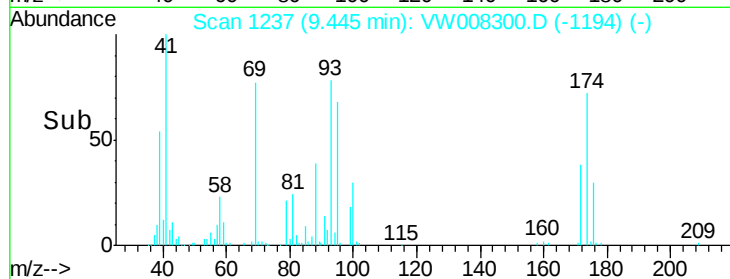
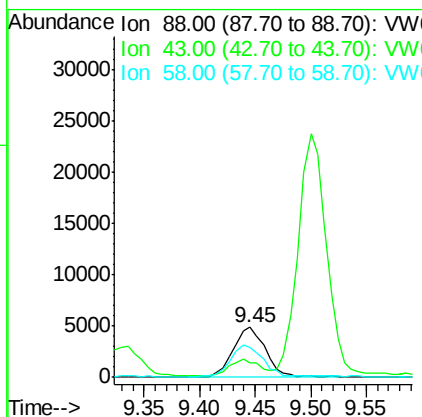
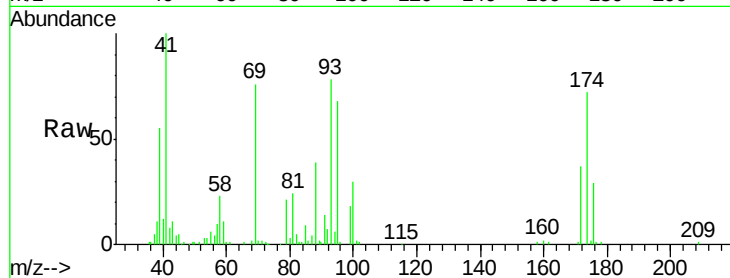




#49
1,4-Dioxane
Concen: 1162.916 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.04 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

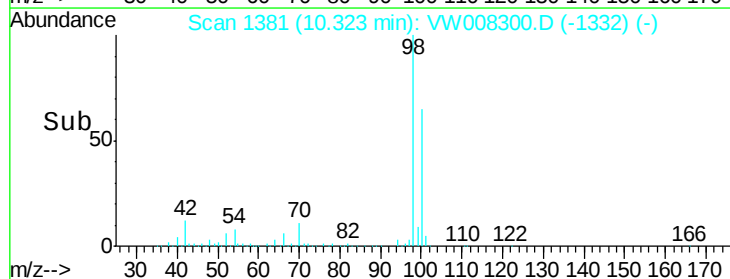
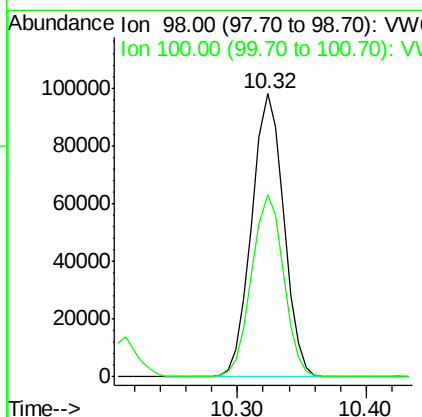
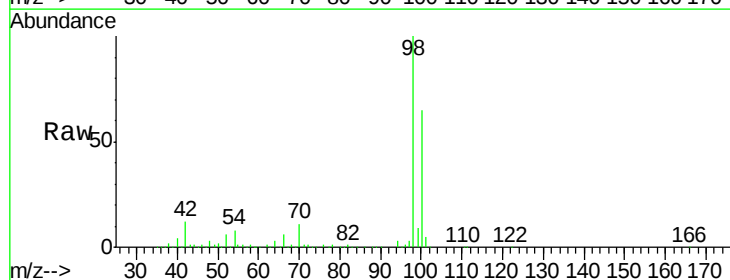
Instrument :
MSVOA_W
ClientSampleId :
BFB

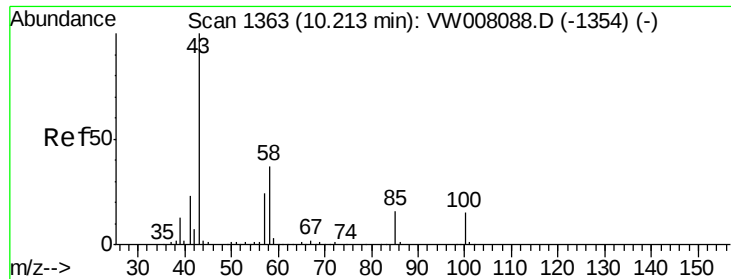
Tot Ion: 88 Resp: 9933
Ion Ratio Lower Upper
88 100
43 31.5 0.0 0.0#
58 63.8 61.7 92.5



#50
Toluene-d8
Concen: 44.053 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion: 98 Resp: 168319
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 234.856 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampleId :

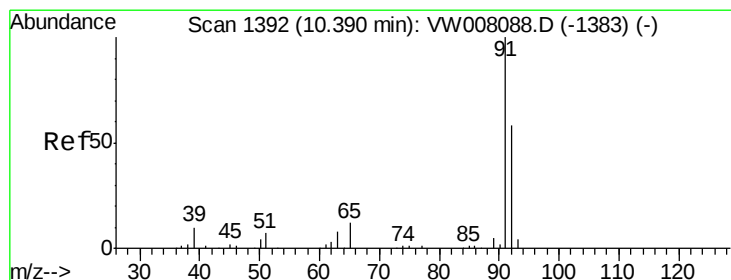
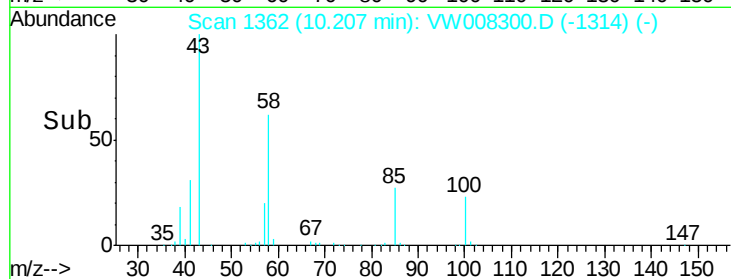
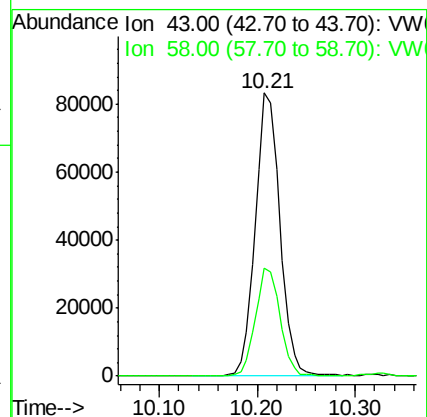
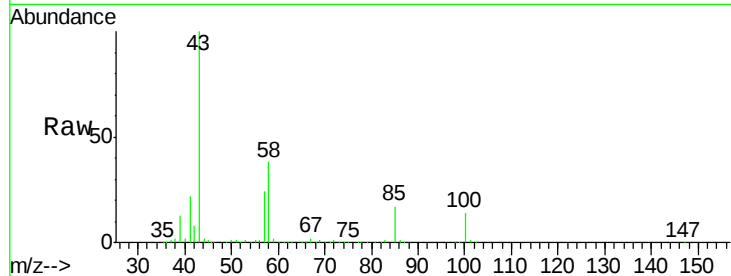
BFB

Tot Ion: 43 Resp: 146436

Ion Ratio Lower Upper

43 100

58 38.1 30.6 46.0



#52

Toluene

Concen: 53.925 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008300.D

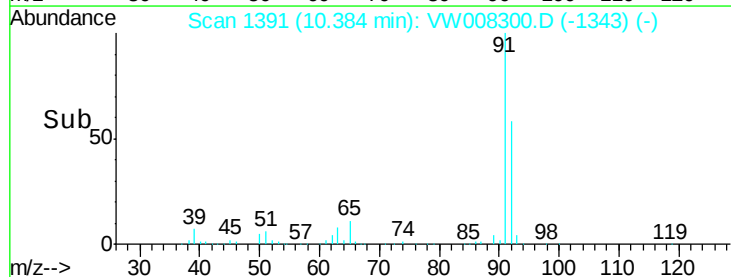
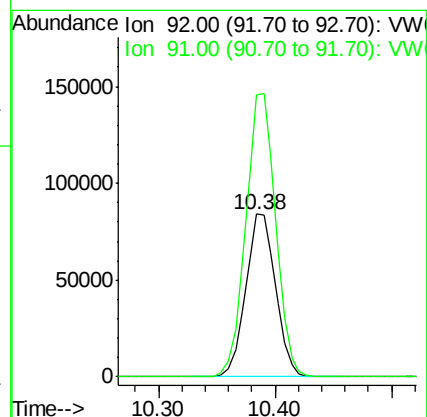
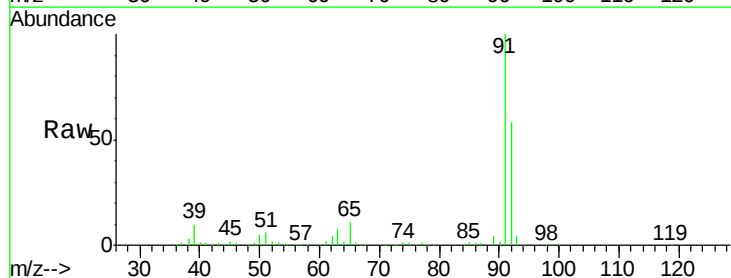
Acq: 16 Jan 2019 11:10

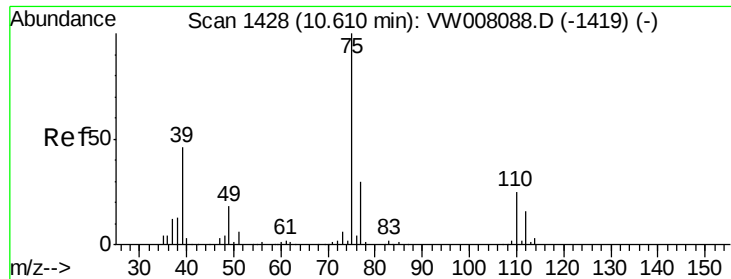
Tgt Ion: 92 Resp: 150207

Ion Ratio Lower Upper

92 100

91 174.3 137.0 205.4

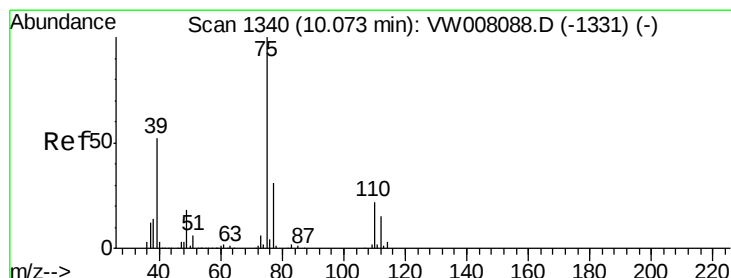
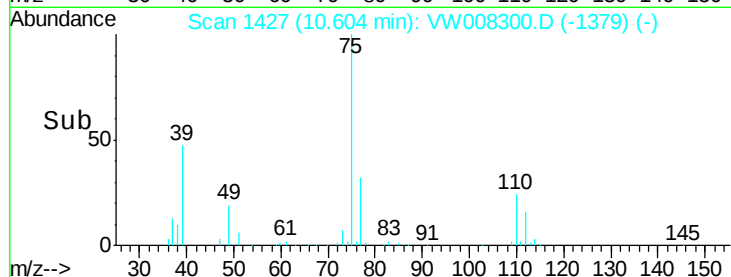
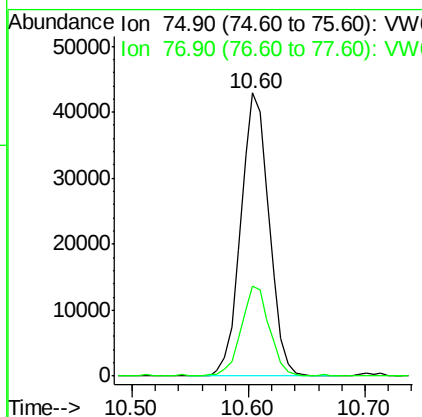
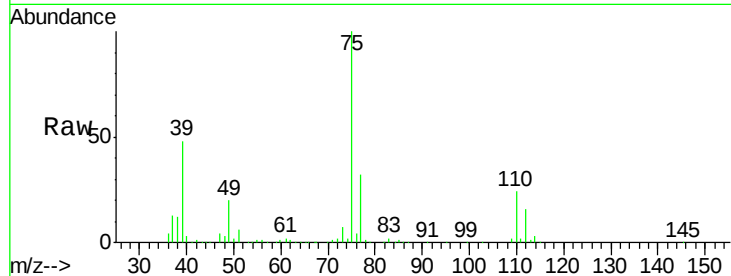




#53
t-1,3-Dichloropropene
Concen: 51.841 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

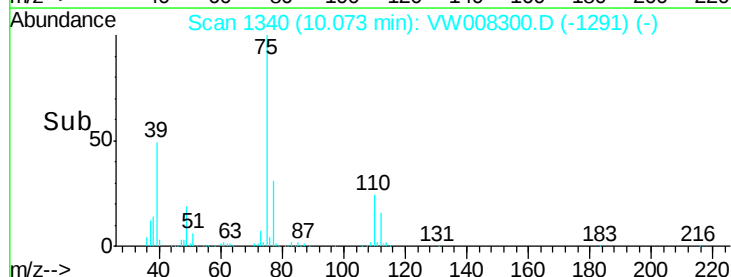
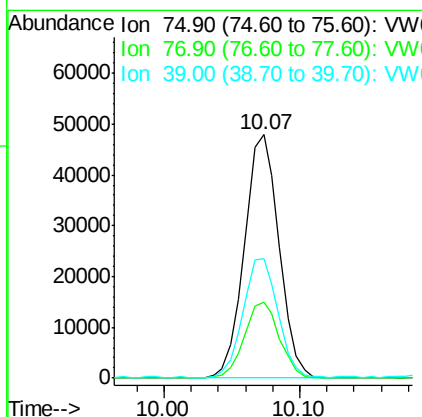
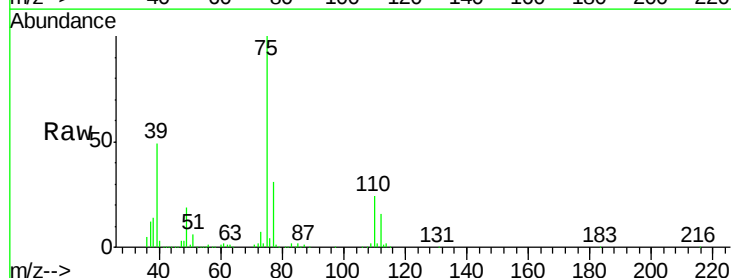
Instrument :
MSVOA_W
ClientSampleId :
BFB

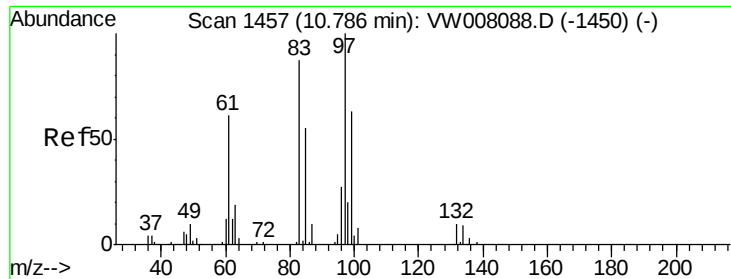
Tot Ion: 75 Resp: 72724
Ion Ratio Lower Upper
75 100
77 31.4 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 51.275 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion: 75 Resp: 85296
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 48.6 41.4 62.0

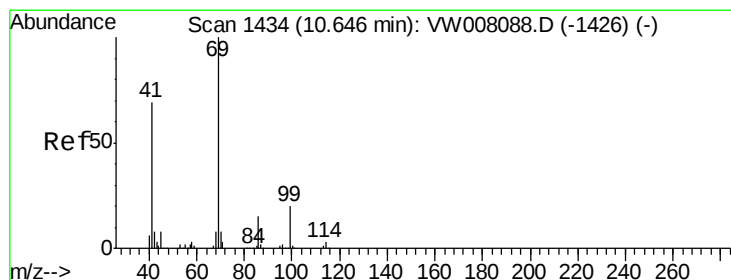
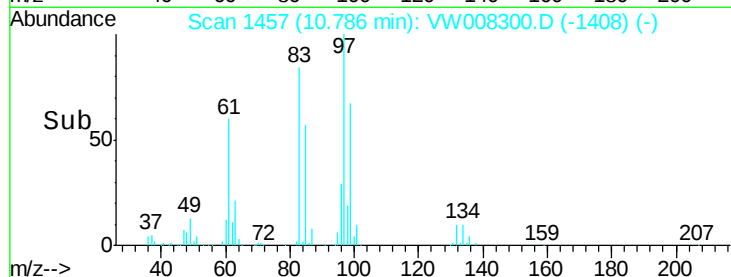
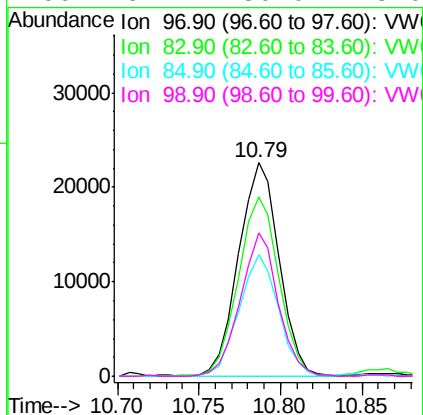
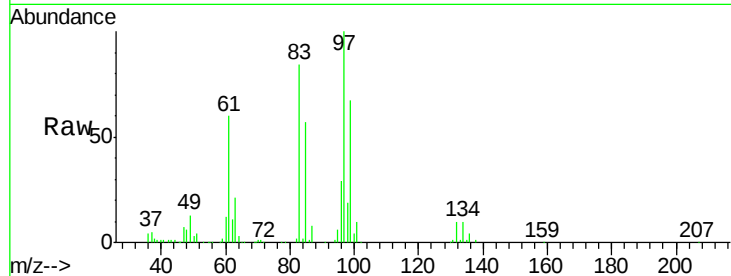




#55
 1,1,2-Trichloroethane
 Concen: 52.493 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

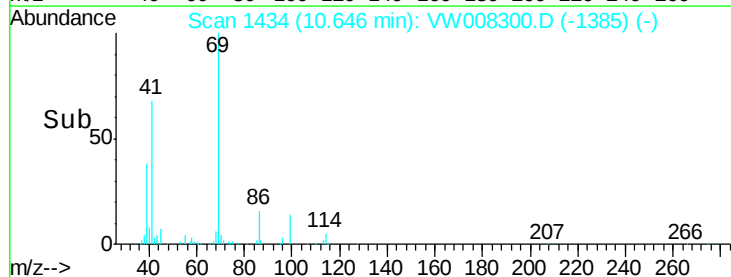
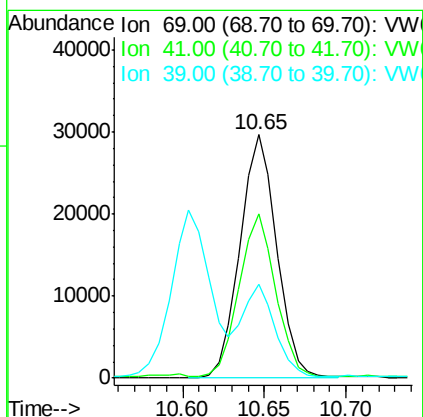
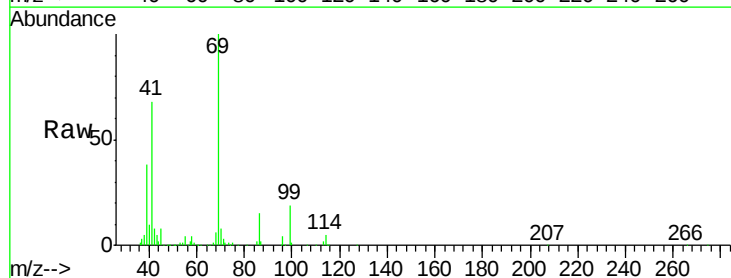
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

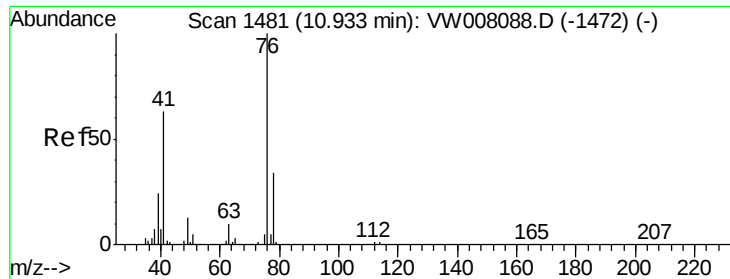
Tot Ion:	97	Resp:	39144
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.3	103.9
85	56.7	43.8	65.6
99	67.2	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 50.490 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Tgt Ion:	69	Resp:	46627
Ion	Ratio	Lower	Upper
69	100		
41	66.9	56.4	84.6
39	34.5	28.1	42.1

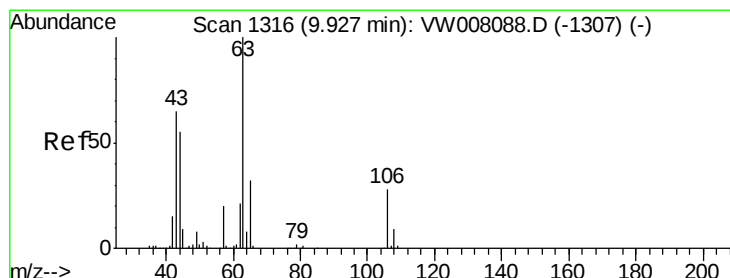
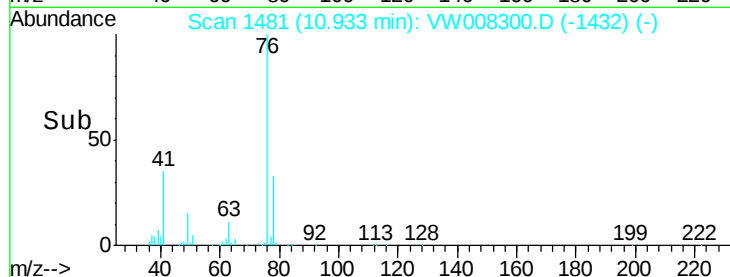
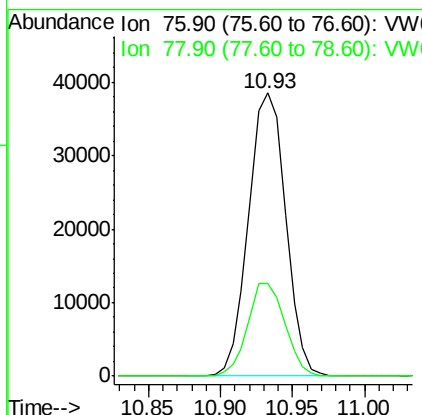
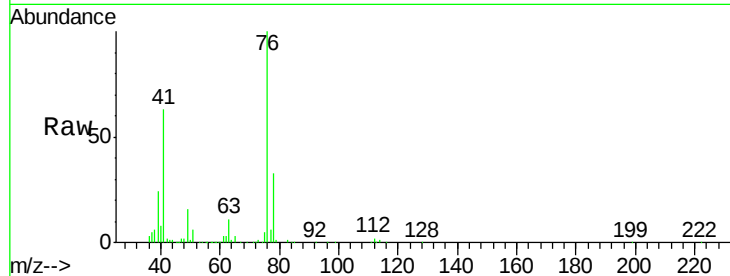




#57
 1,3-Dichloropropane
 Concen: 50.381 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

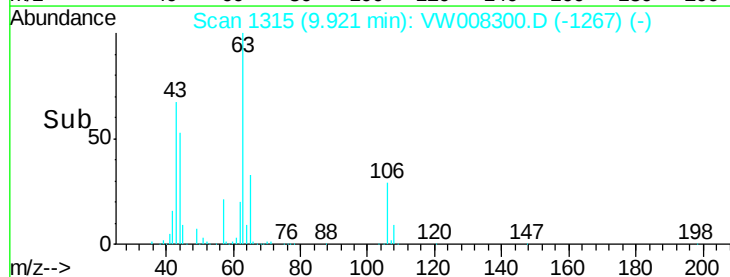
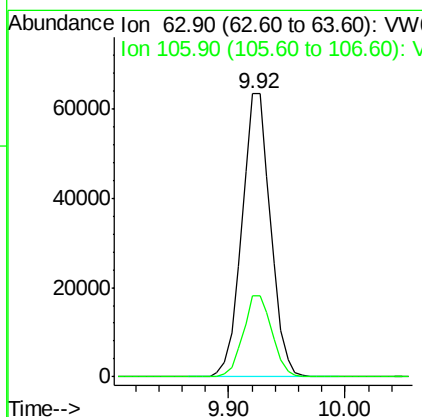
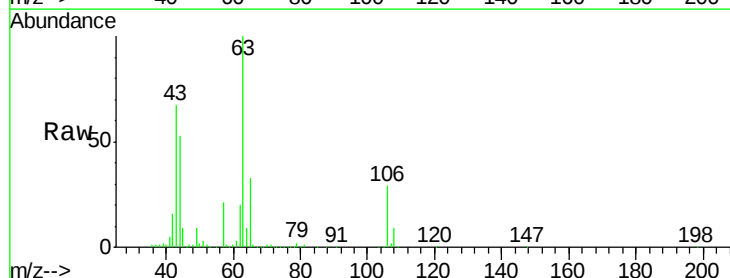
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

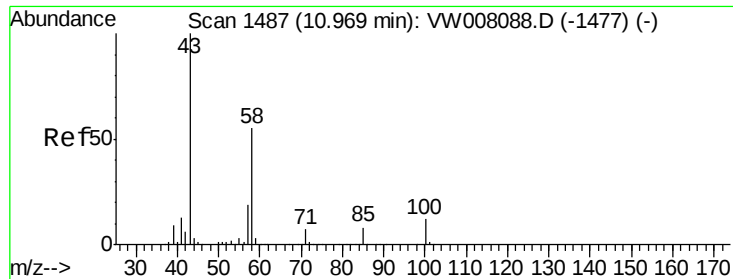
Tot Ion: 76 Resp: 68708
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 228.072 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Tgt Ion: 63 Resp: 108796
 Ion Ratio Lower Upper
 63 100
 106 28.9 21.8 32.6

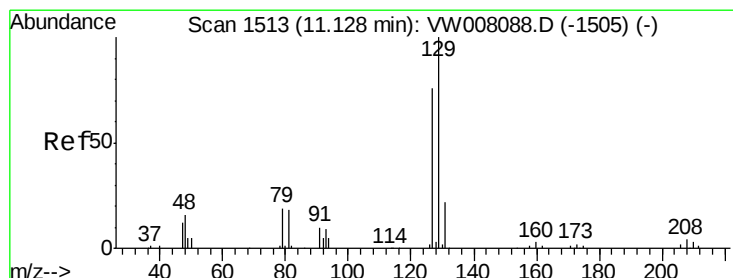
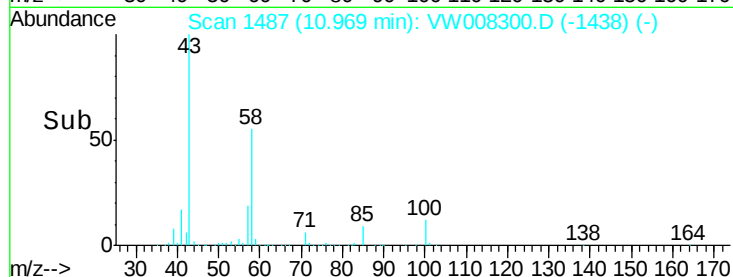
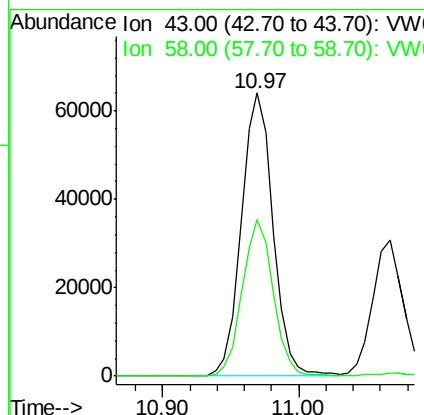
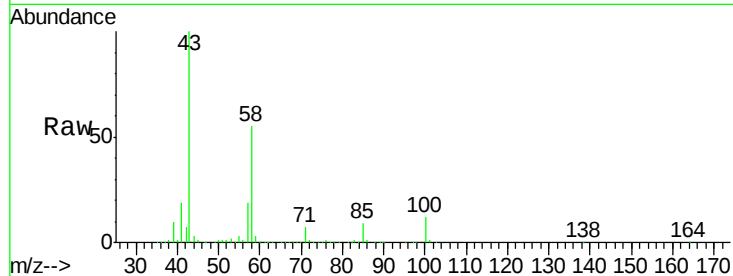




#59
2-Hexanone
Concen: 245.451 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

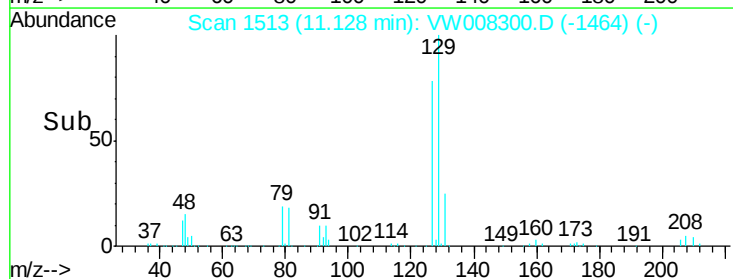
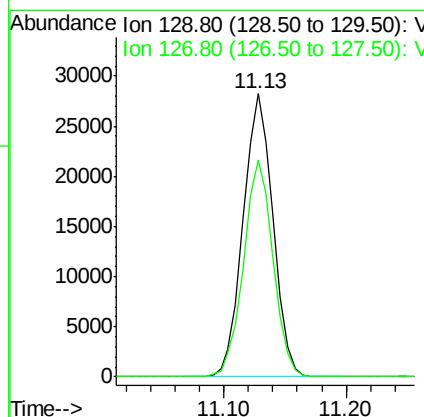
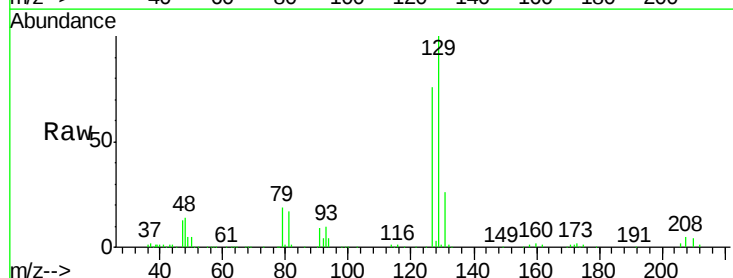
Instrument :
MSVOA_W
ClientSampleId :
BFB

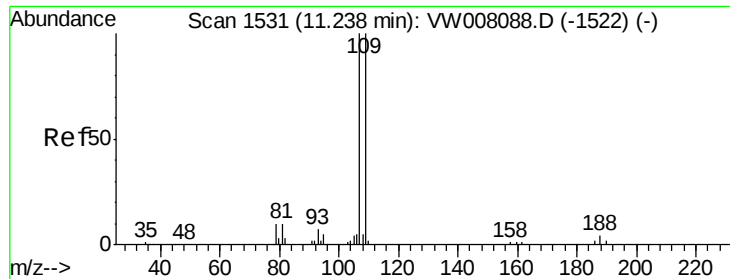
Tot Ion: 43 Resp: 103494
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.5



#60
Dibromochloromethane
Concen: 58.413 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion: 129 Resp: 47832
Ion Ratio Lower Upper
129 100
127 75.5 38.9 116.6

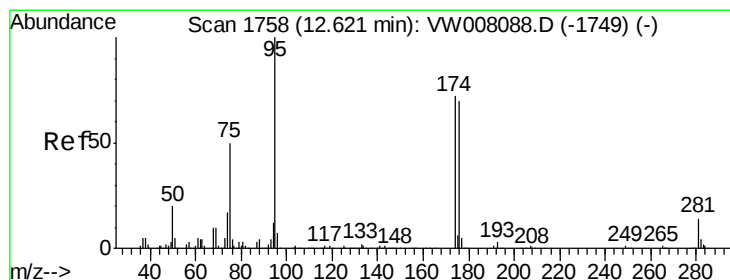
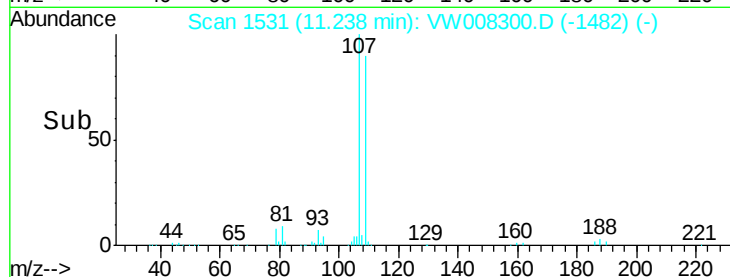
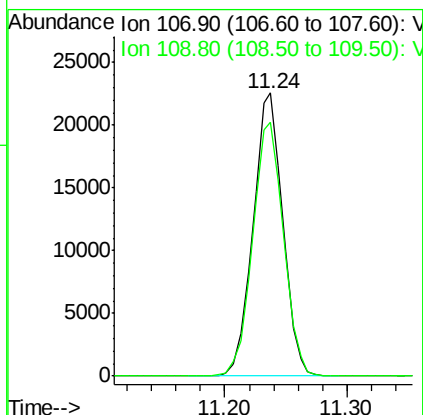
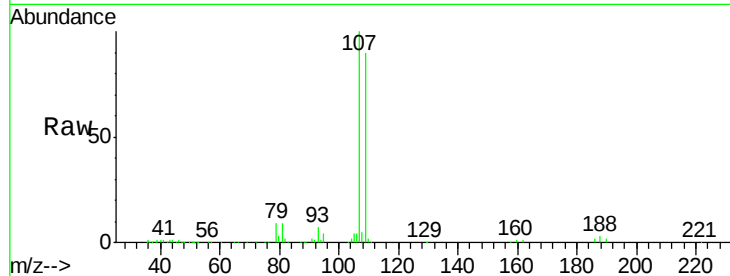




#61
 1,2-Dibromoethane
 Concen: 54.054 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

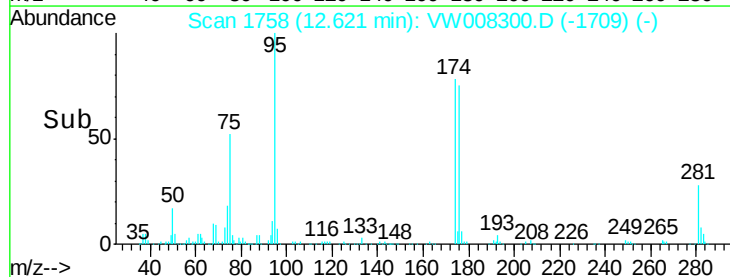
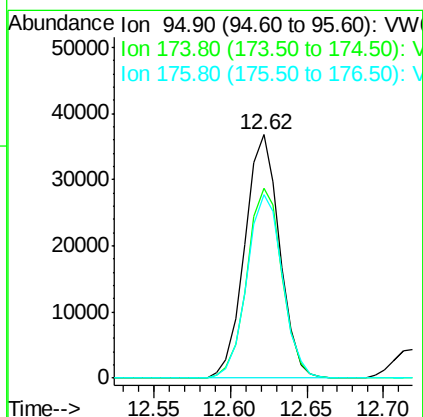
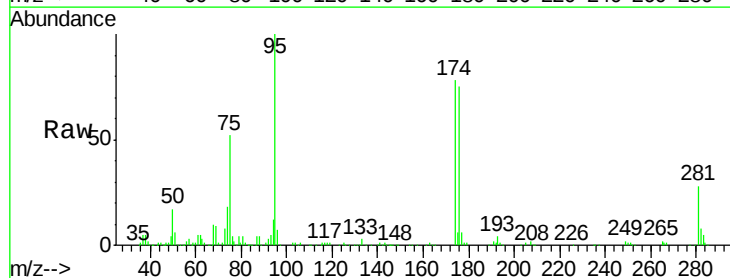
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

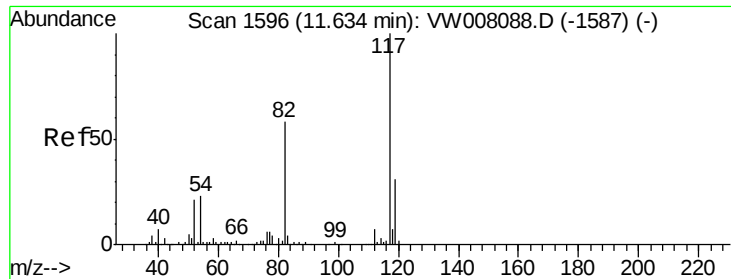
Tot Ion:107 Resp: 38247
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 42.426 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Tgt Ion: 95 Resp: 58113
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 143.0
 176 77.0 0.0 140.2

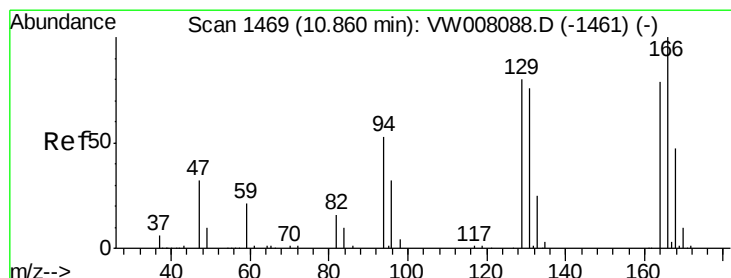
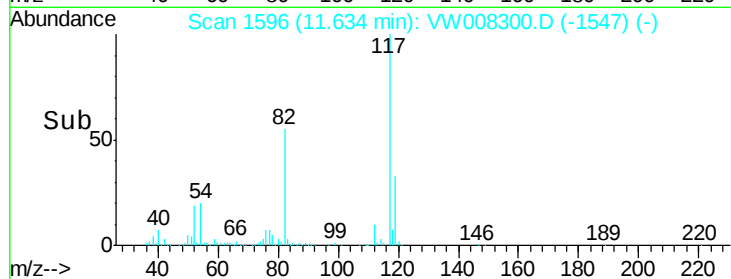
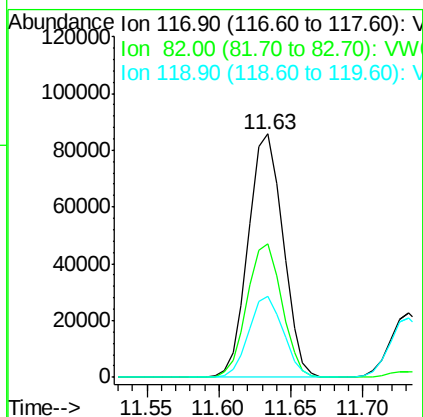
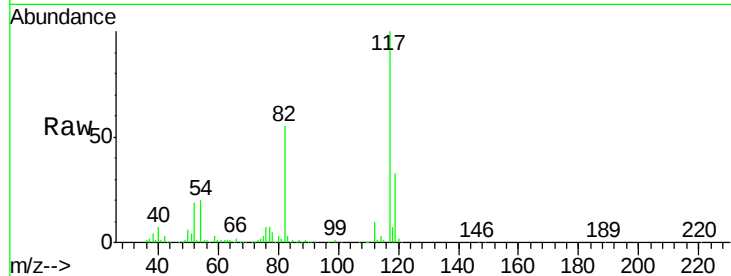




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

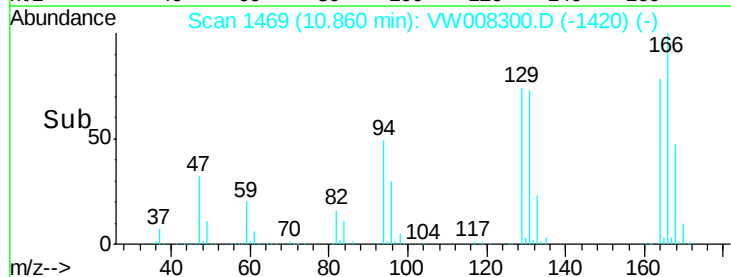
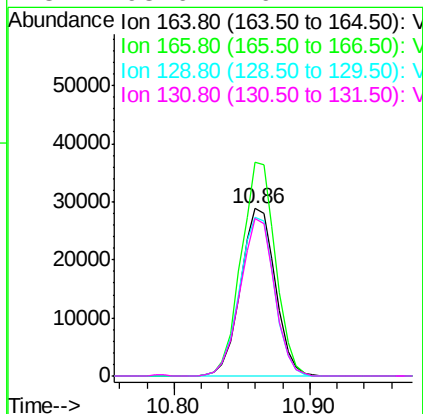
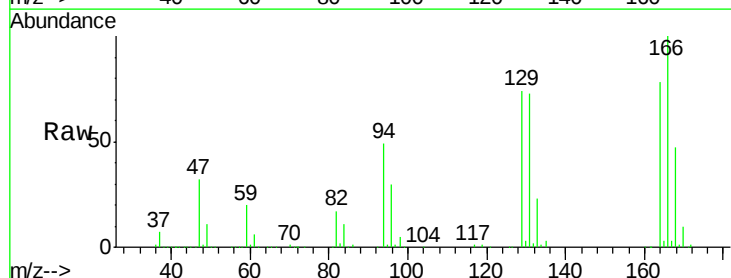
Instrument :
MSVOA_W
ClientSampled :
BFB

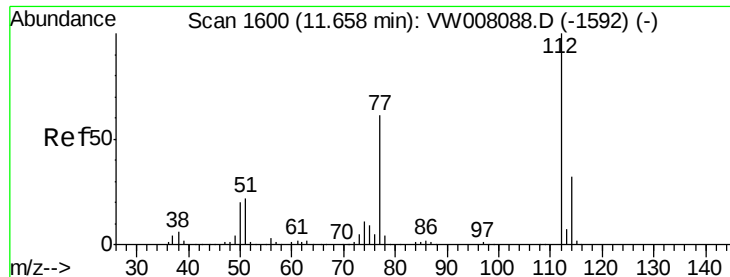
Tot Ion:117 Resp: 143432
Ion Ratio Lower Upper
117 100
82 54.7 46.4 69.6
119 33.2 24.7 37.1



#64
Tetrachloroethene
Concen: 54.996 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion:164 Resp: 51336
Ion Ratio Lower Upper
164 100
166 127.5 100.7 151.1
129 95.0 81.0 121.4
131 93.6 76.1 114.1

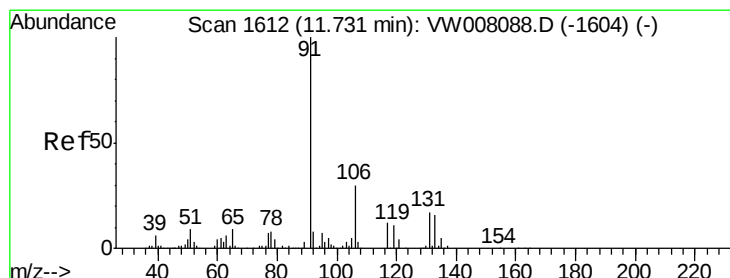
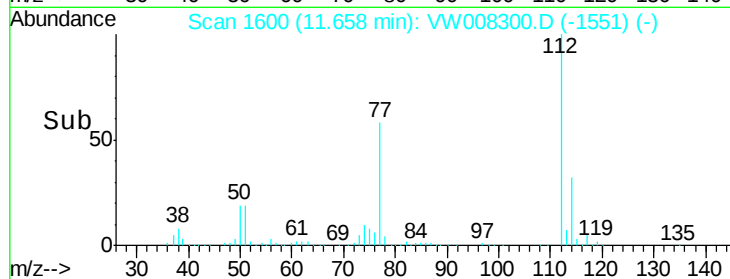
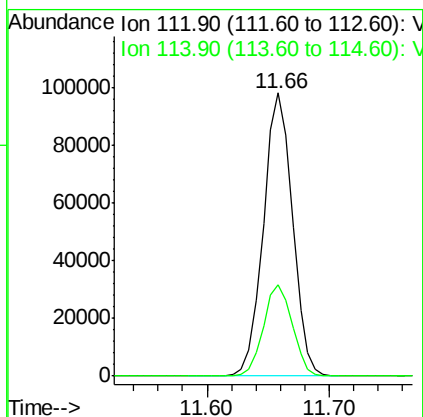
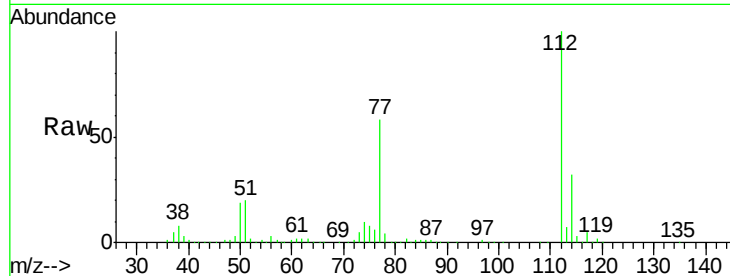




#65
Chlorobenzene
Concen: 53.490 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

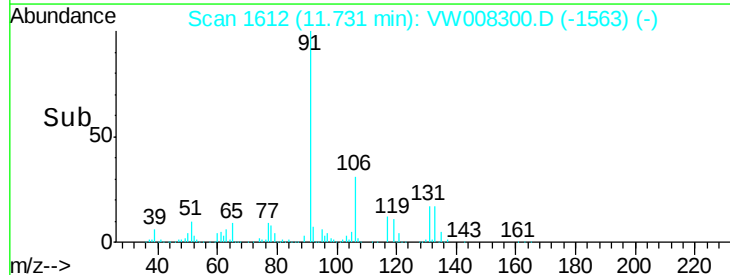
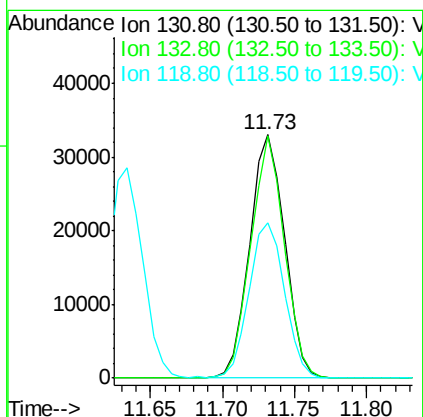
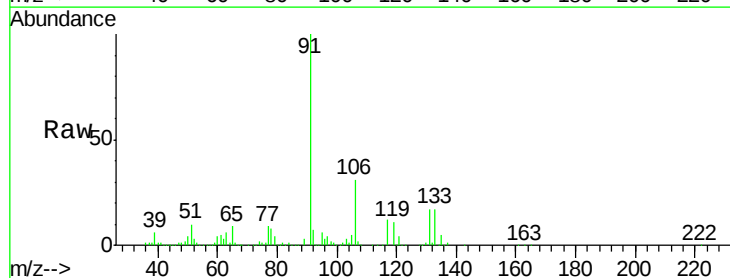
Instrument :
MSVOA_W
ClientSampled :
BFB

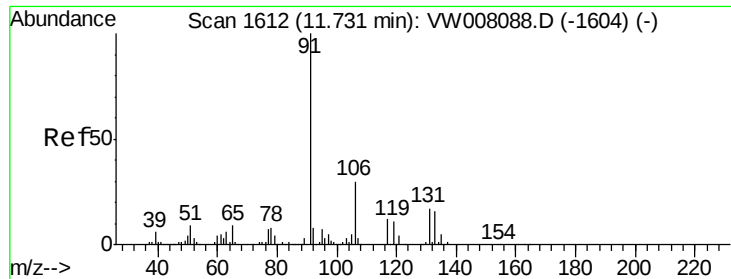
Tot Ion:112 Resp: 162542
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.884 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion:131 Resp: 55233
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.7
119 65.1 32.5 97.4

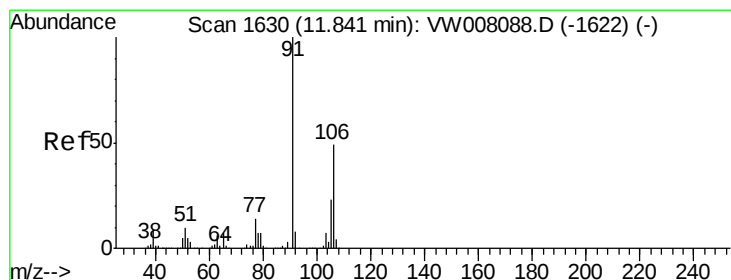
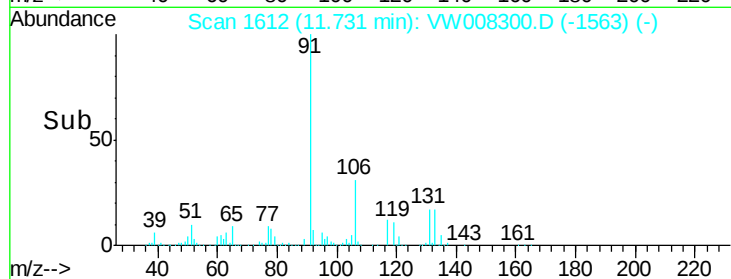
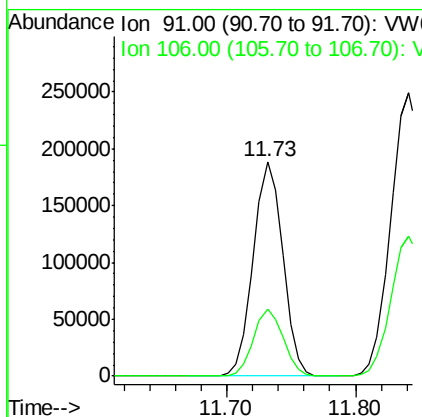
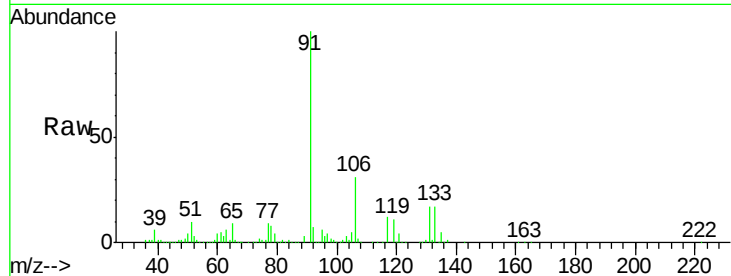




#67
Ethyl Benzene
Concen: 53.566 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

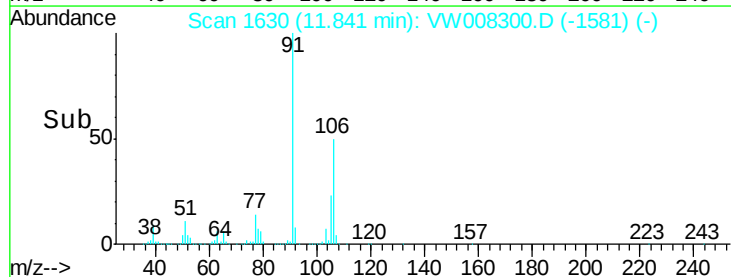
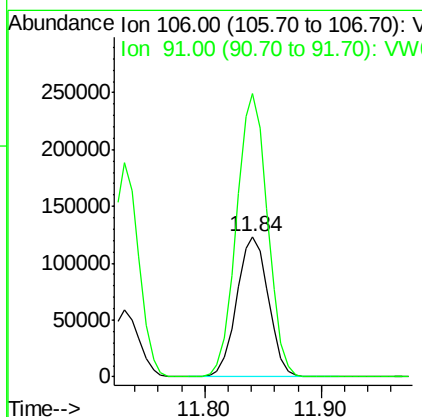
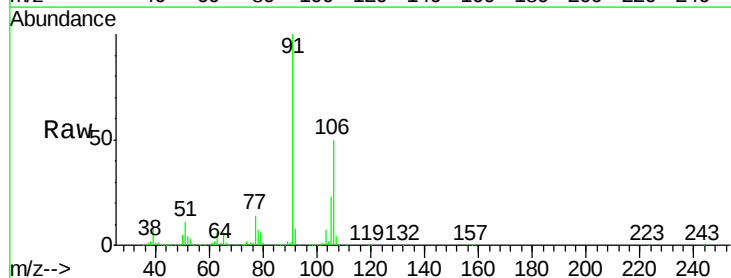
Instrument :
MSVOA_W
ClientSampled :
BFB

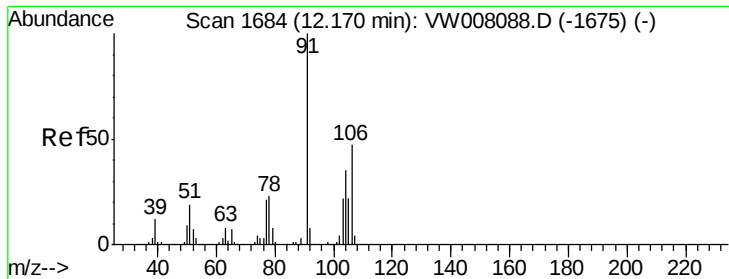
Tot Ion: 91 Resp: 297830
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4



#68
m/p-Xylenes
Concen: 109.809 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion: 106 Resp: 233036
Ion Ratio Lower Upper
106 100
91 198.1 162.4 243.6

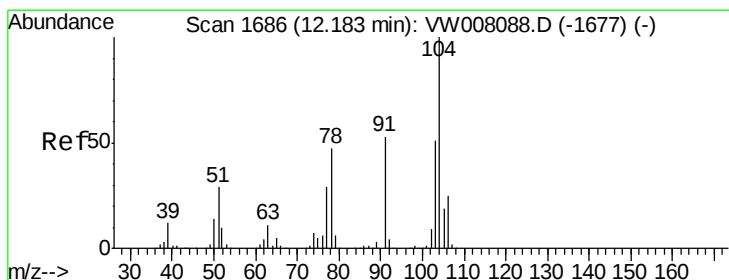
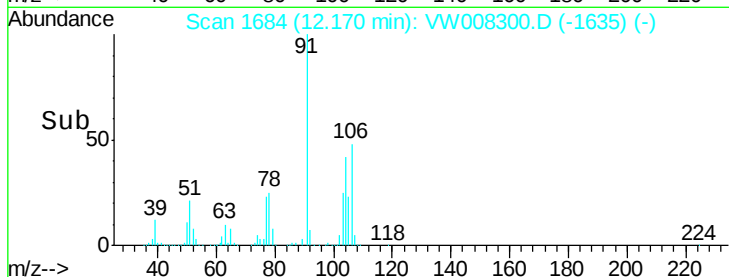
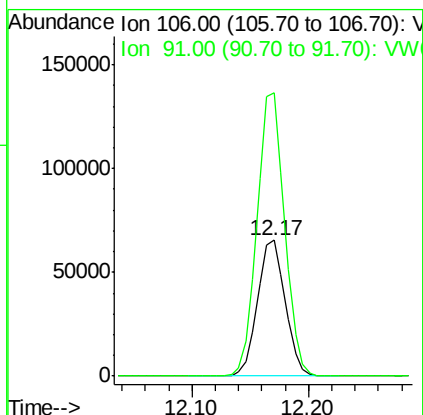
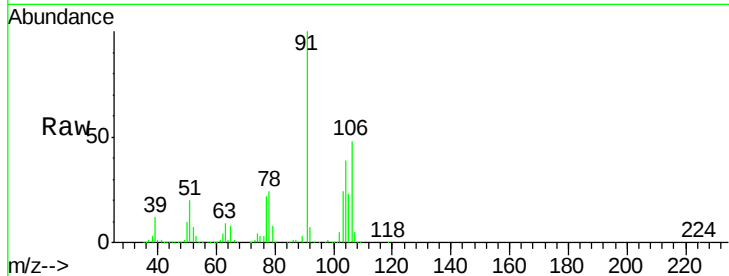




#69
o-Xylene
Concen: 54.903 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

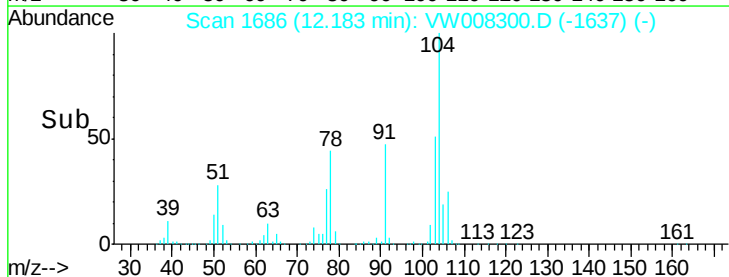
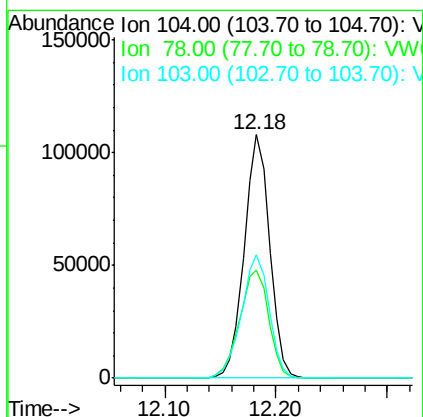
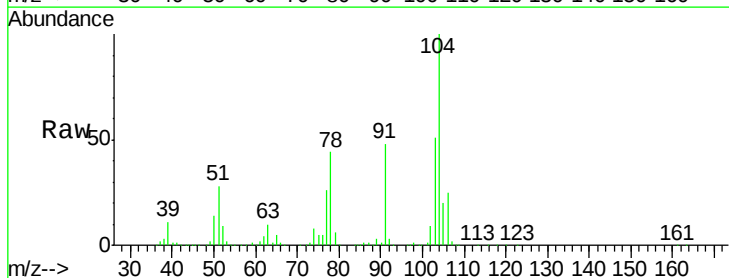
Instrument :
MSVOA_W
ClientSampled :
BFB

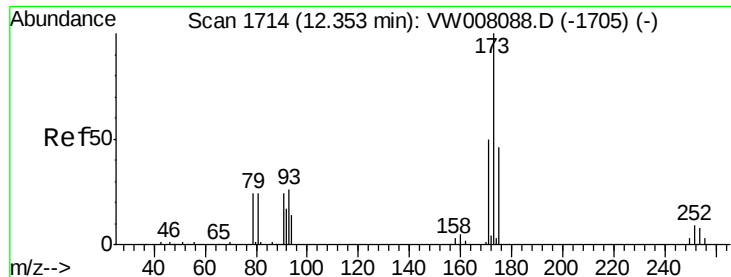
Tot Ion:106 Resp: 107897
Ion Ratio Lower Upper
106 100
91 207.5 107.8 323.6



#70
Styrene
Concen: 55.779 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion:104 Resp: 171698
Ion Ratio Lower Upper
104 100
78 50.7 41.8 62.8
103 55.0 43.8 65.8





#71

Bromoform

Concen: 58.164 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampleId :

BFB

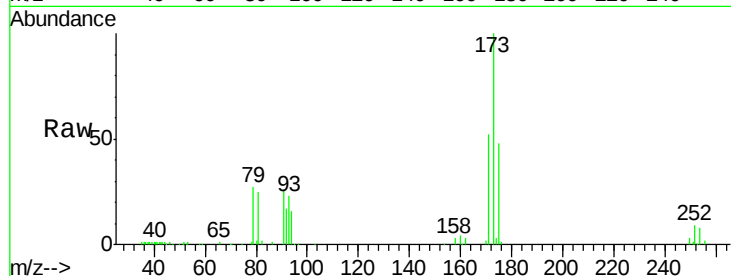
Tot Ion:173 Resp: 25728

Ion Ratio Lower Upper

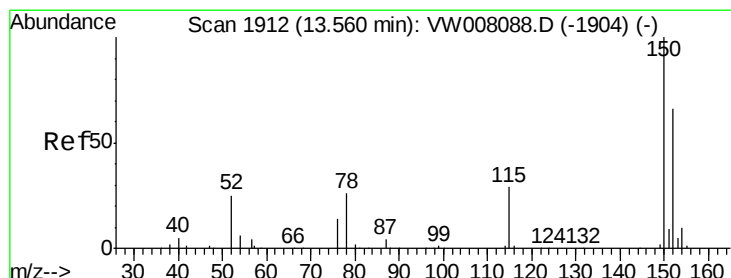
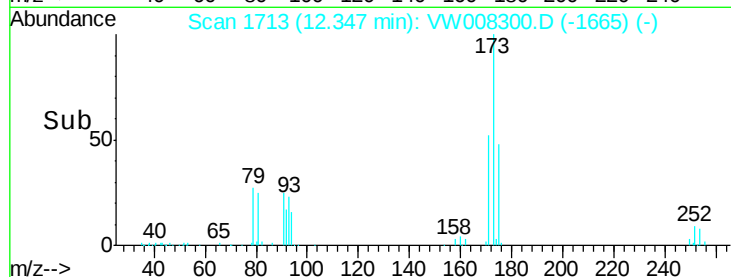
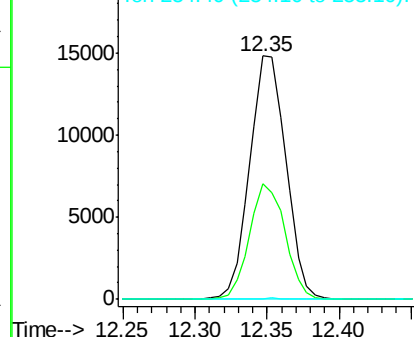
173 100

175 46.8 23.3 69.8

254 0.2 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

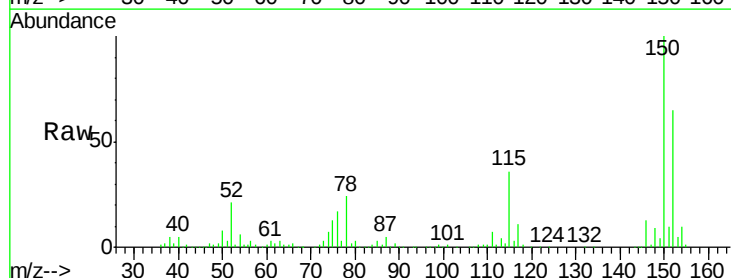
Tgt Ion:152 Resp: 72546

Ion Ratio Lower Upper

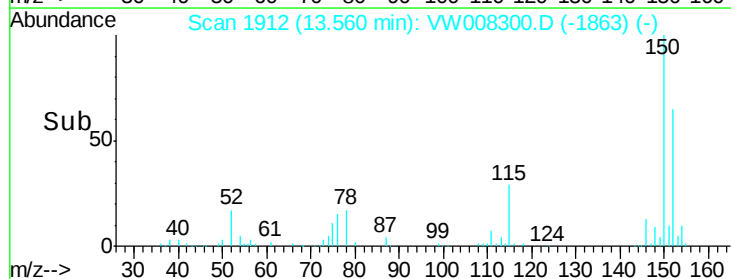
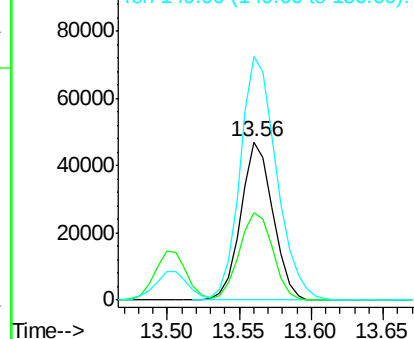
152 100

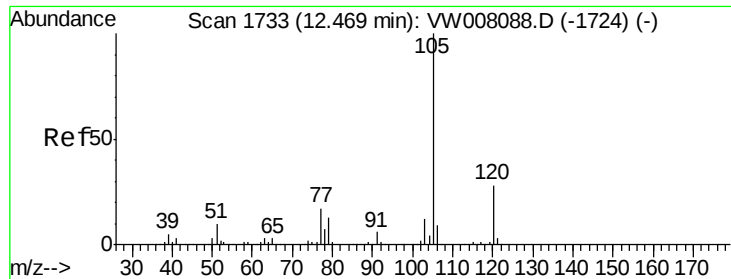
115 58.2 30.8 92.4

150 174.4 0.0 350.2



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

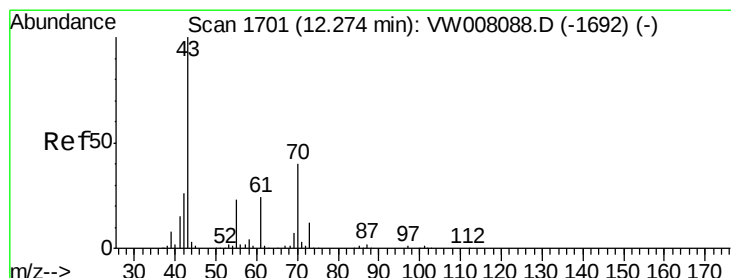
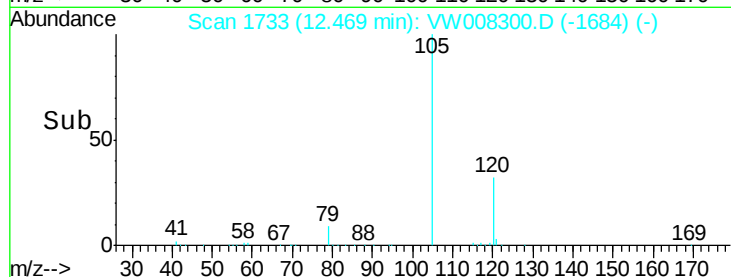
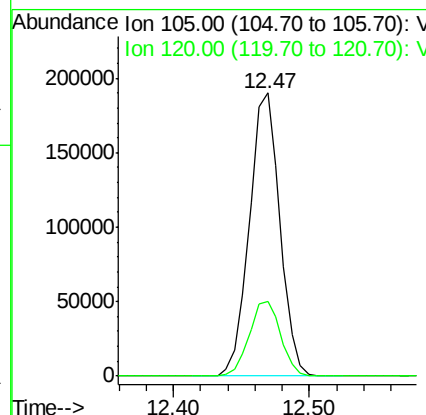
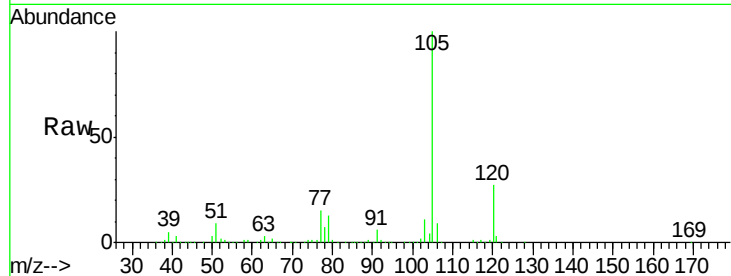




#73
Isopropylbenzene
Concen: 52.352 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

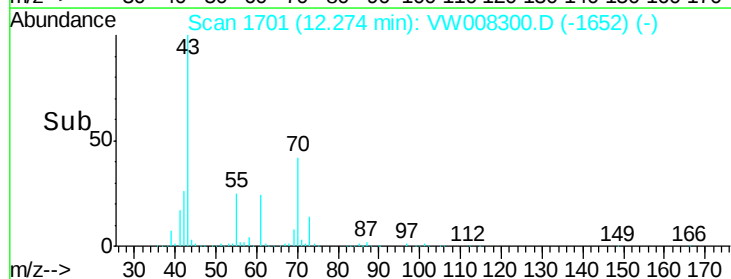
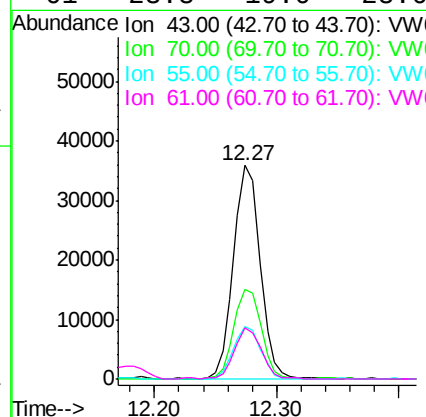
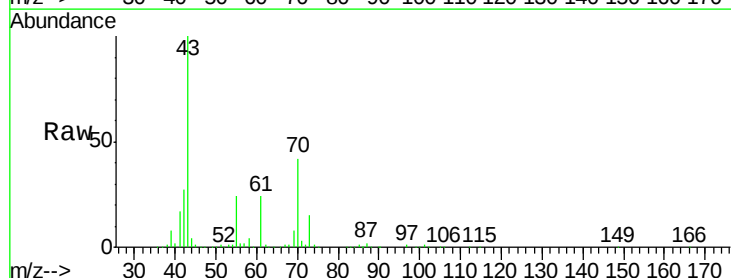
Instrument :
MSVOA_W
ClientSampled :
BFB

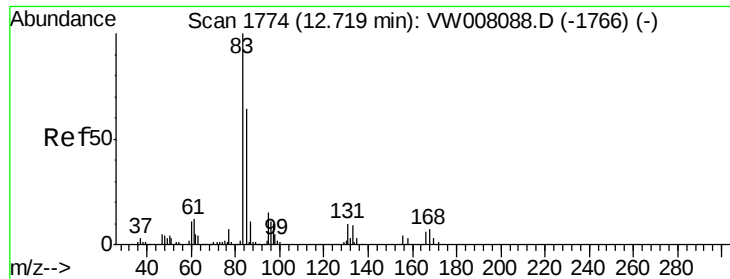
Tot Ion:105 Resp: 298173
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8



#74
N-ethyl acetate
Concen: 43.223 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion: 43 Resp: 54518
Ion Ratio Lower Upper
43 100
70 43.1 32.4 48.6
55 25.4 18.7 28.1
61 23.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.124 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampleId :

BFB

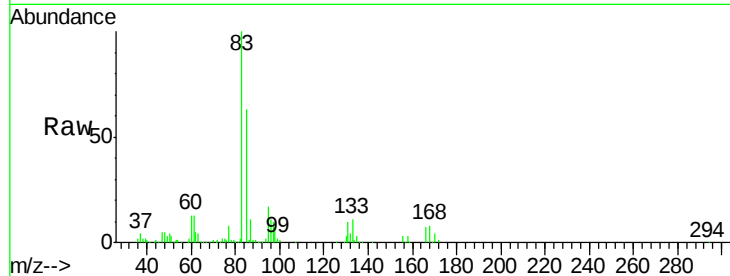
Tot Ion: 83 Resp: 42961

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

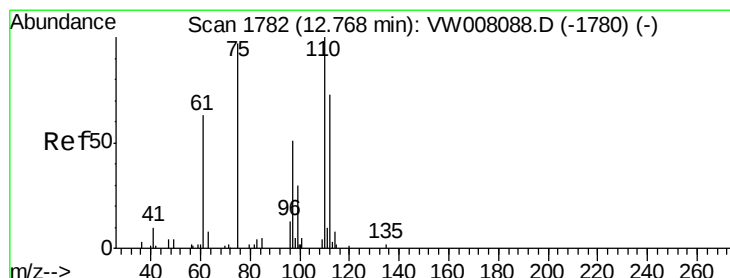
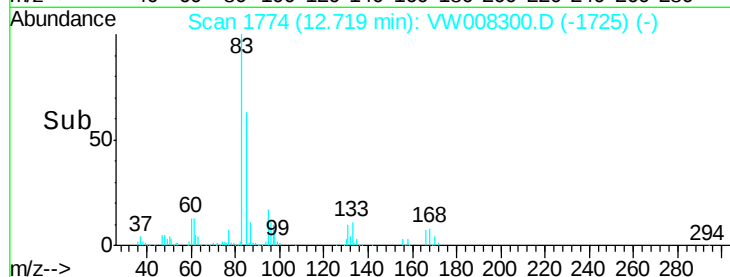
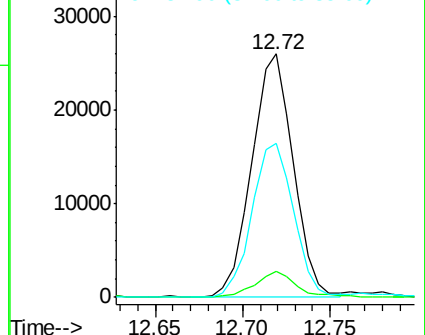
85 63.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 87.405 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008300.D

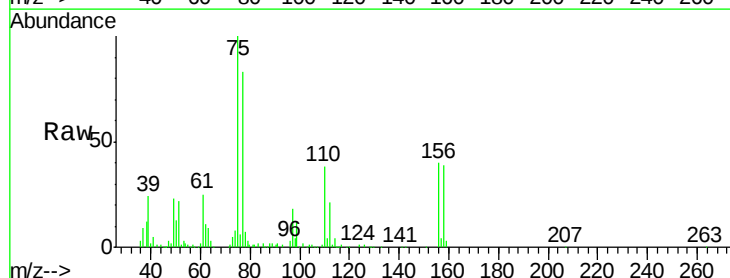
Acq: 16 Jan 2019 11:10

Tgt Ion: 75 Resp: 57804

Ion Ratio Lower Upper

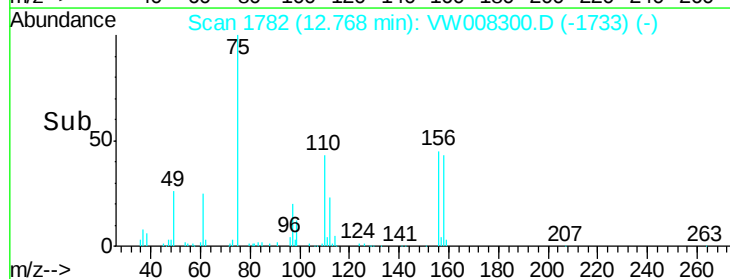
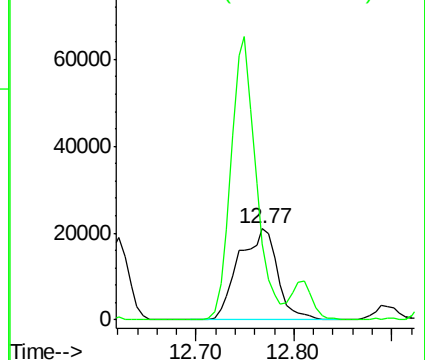
75 100

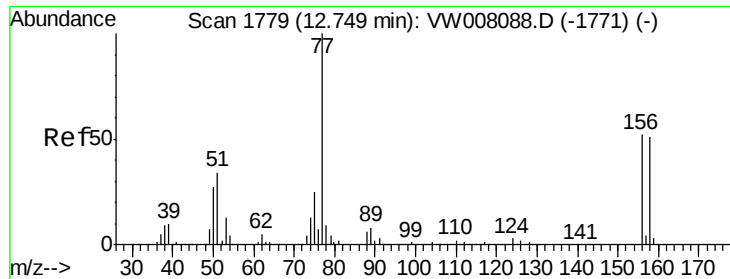
77 200.2 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.635 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampleId :

BFB

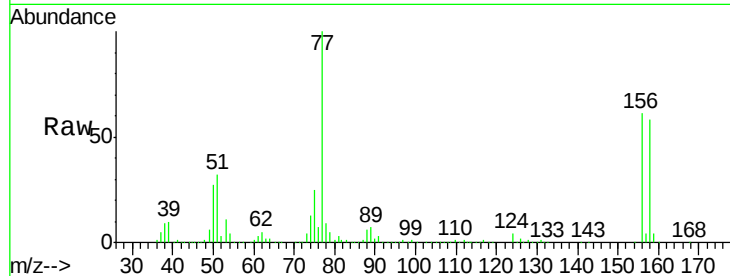
Tot Ion:156 Resp: 63344

Ion Ratio Lower Upper

156 100

77 182.7 104.2 312.5

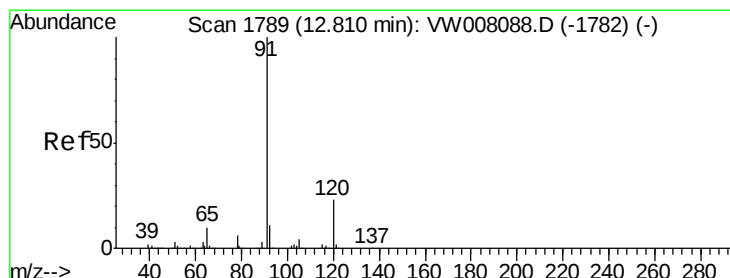
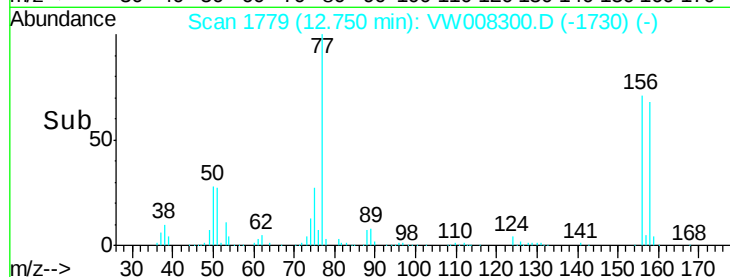
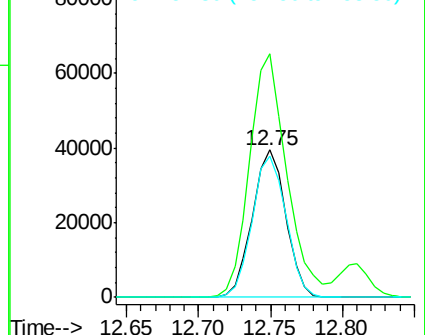
158 97.0 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.244 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008300.D

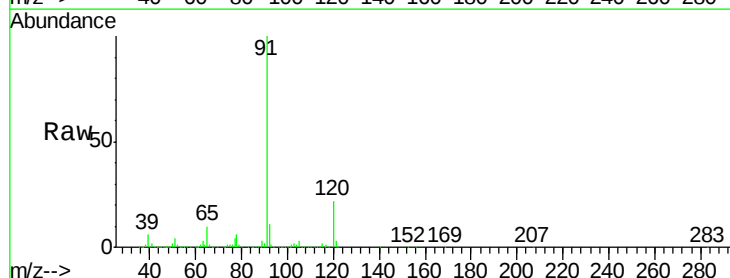
Acq: 16 Jan 2019 11:10

Tgt Ion: 91 Resp: 364590

Ion Ratio Lower Upper

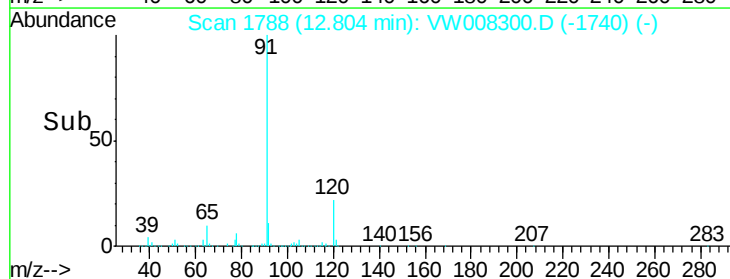
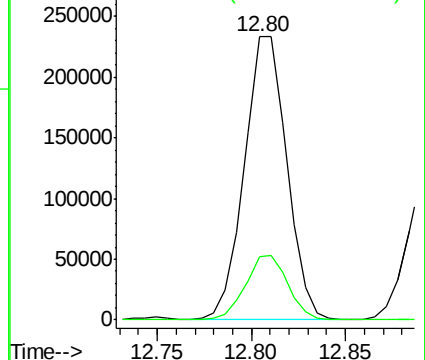
91 100

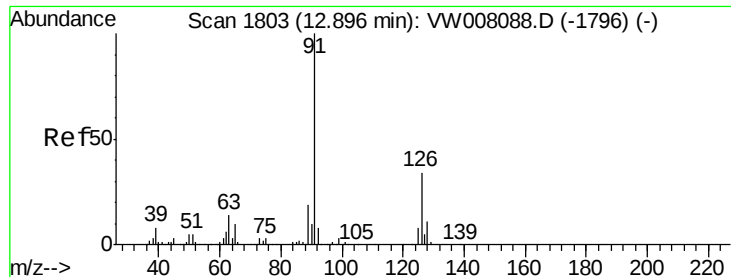
120 22.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.702 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampled :

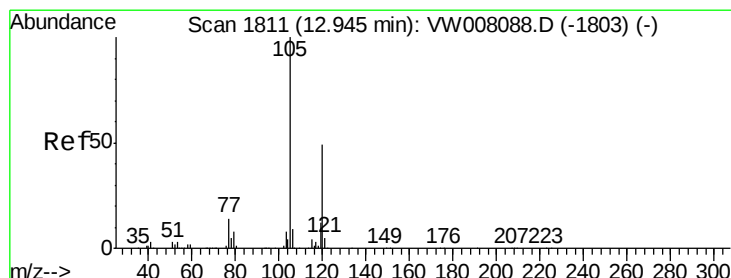
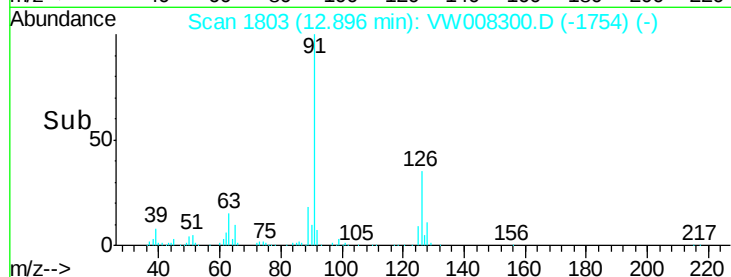
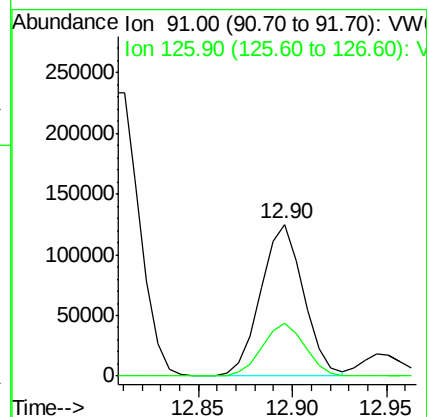
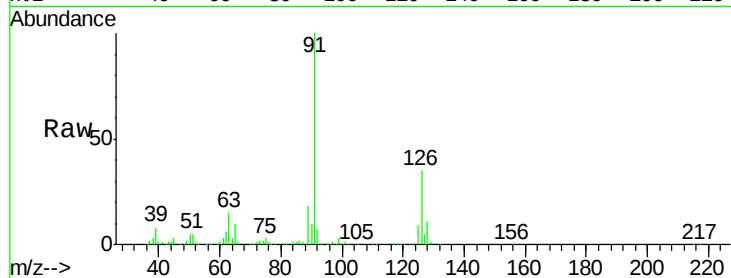
BFB

Tot Ion: 91 Resp: 197403

Ion Ratio Lower Upper

91 100

126 34.8 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 52.312 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008300.D

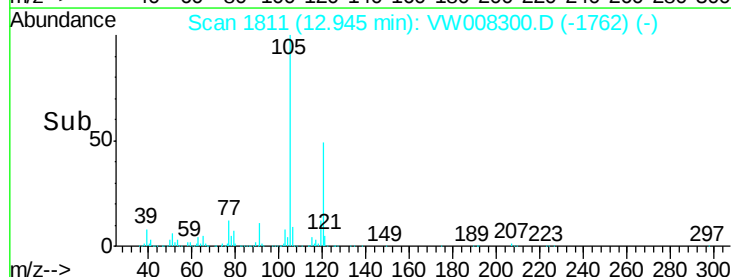
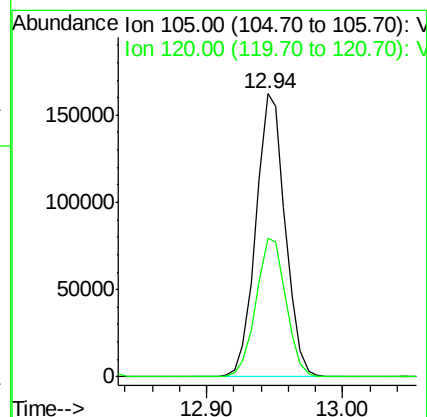
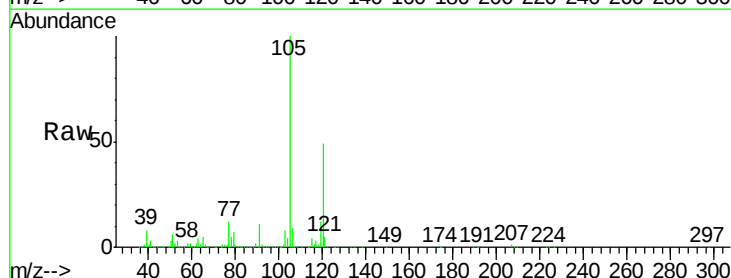
Acq: 16 Jan 2019 11:10

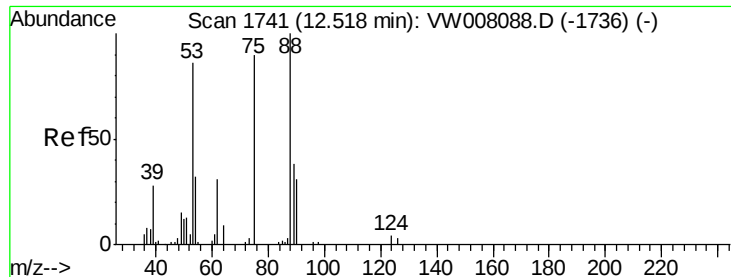
Tgt Ion:105 Resp: 244841

Ion Ratio Lower Upper

105 100

120 50.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 47.237 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampled :

BFB

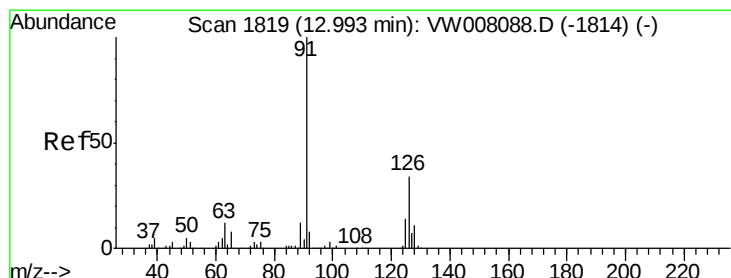
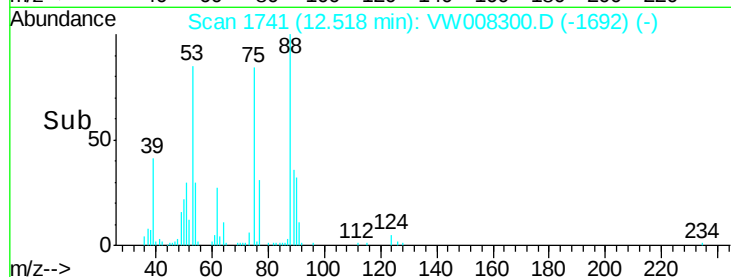
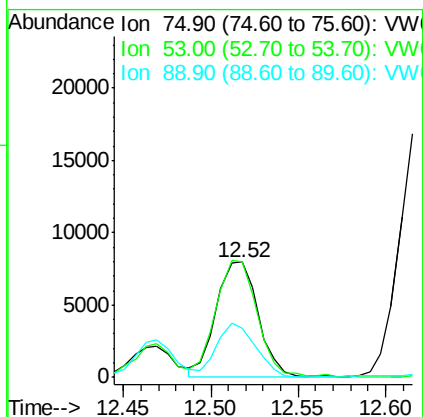
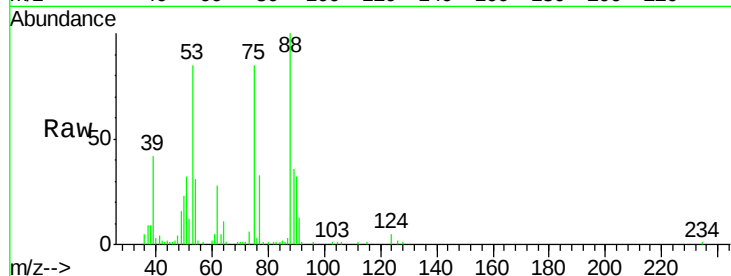
Tot Ion: 75 Resp: 13415

Ion Ratio Lower Upper

75 100

53 100.6 78.8 118.2

89 42.4 35.4 53.2



#82

4-Chlorotoluene

Concen: 50.956 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008300.D

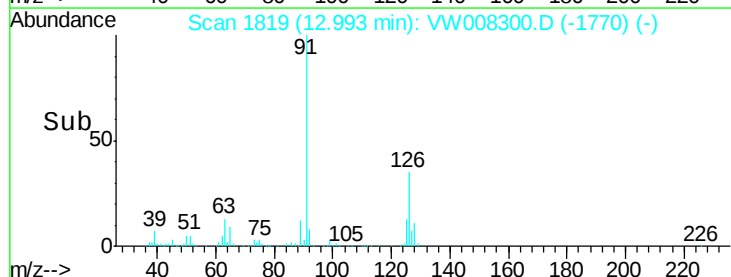
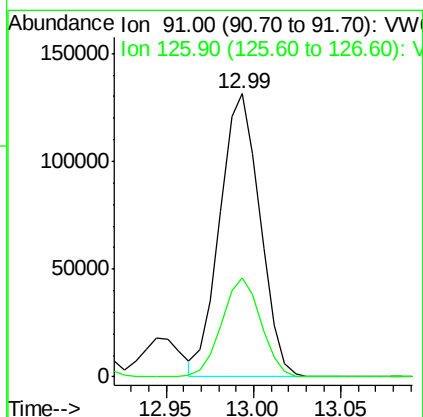
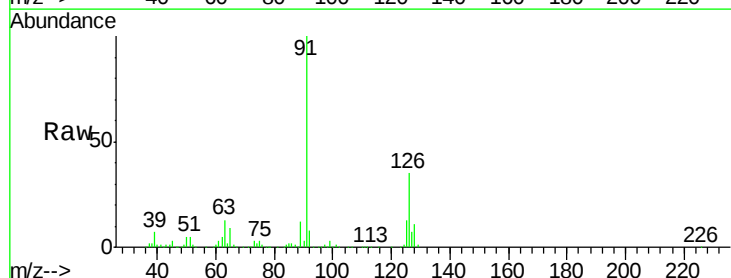
Acq: 16 Jan 2019 11:10

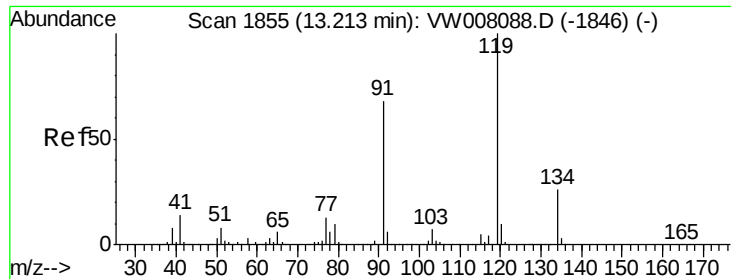
Tgt Ion: 91 Resp: 208951

Ion Ratio Lower Upper

91 100

126 34.4 16.5 49.5

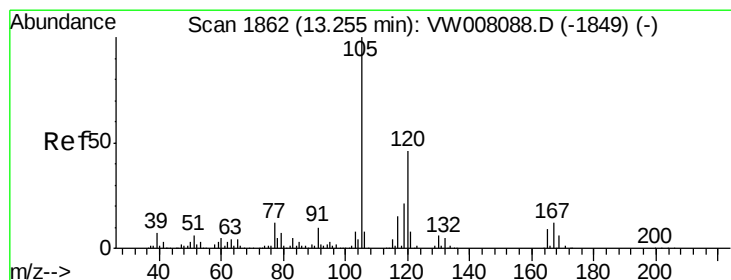
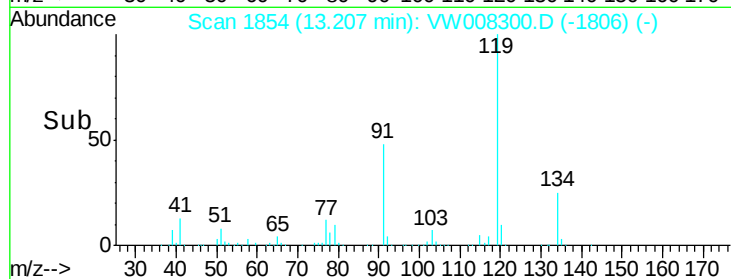
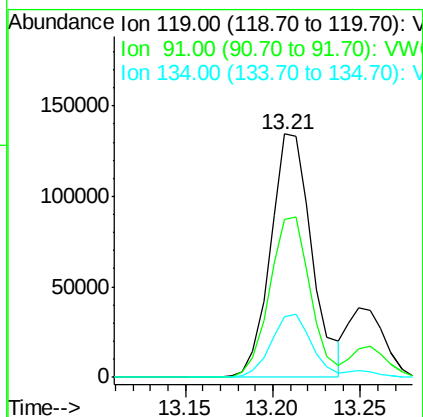
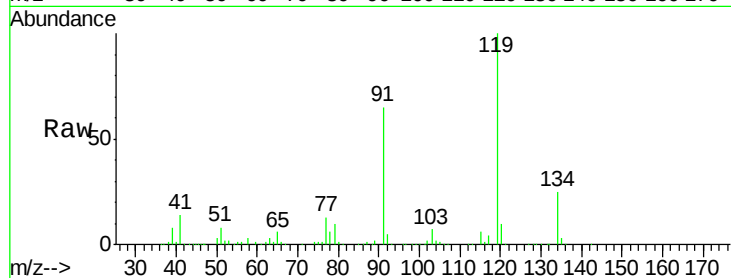




#83
tert-Butylbenzene
Concen: 53.408 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

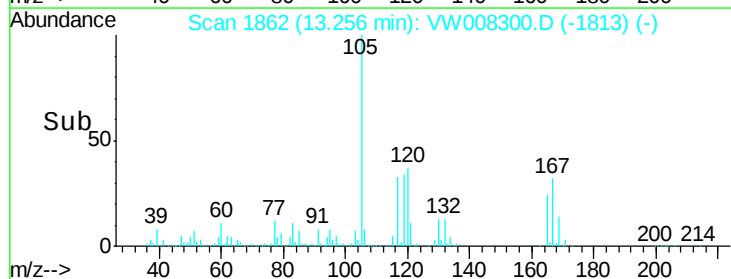
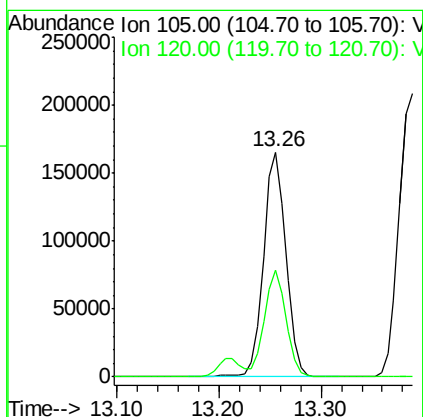
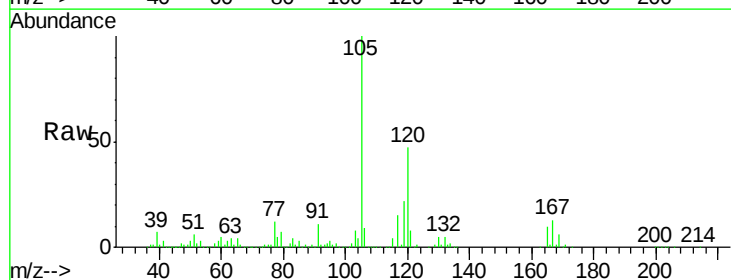
Instrument :
MSVOA_W
ClientSampleId :
BFB

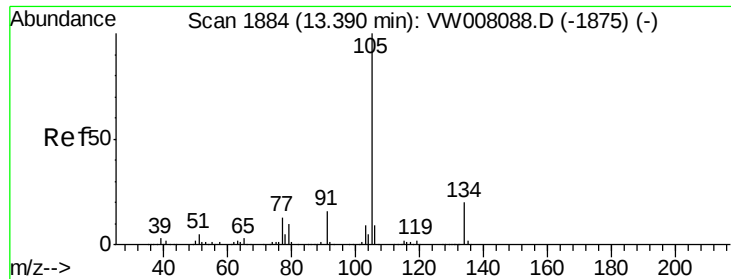
Tot Ion:119 Resp: 221146
Ion Ratio Lower Upper
119 100
91 65.1 33.9 101.6
134 25.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 52.406 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion:105 Resp: 252973
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 52.726 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampleId :

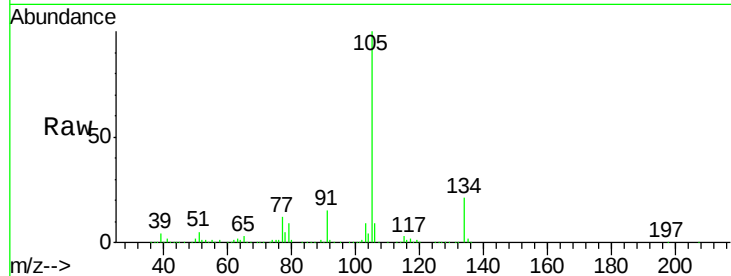
BFB

Tot Ion:105 Resp: 319807

Ion Ratio Lower Upper

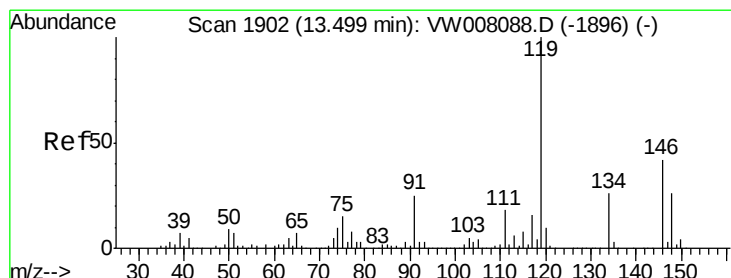
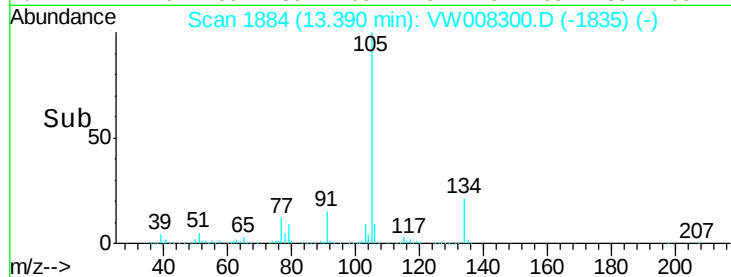
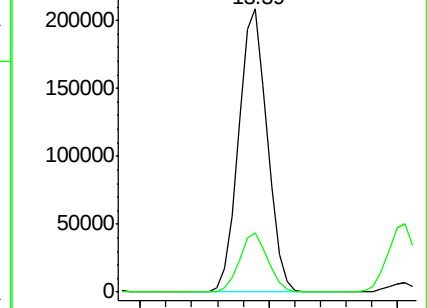
105 100

134 20.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.897 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

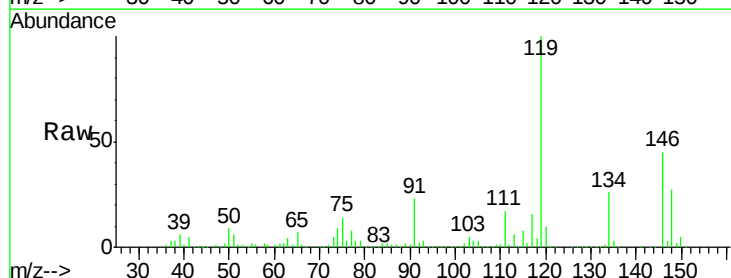
Tgt Ion:119 Resp: 282300

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

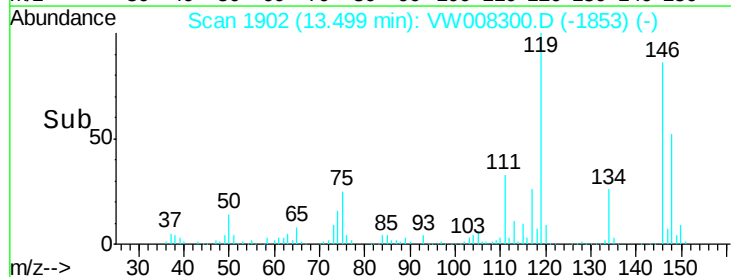
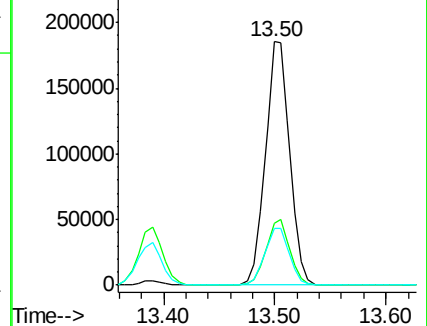
91 23.6 12.3 36.9



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

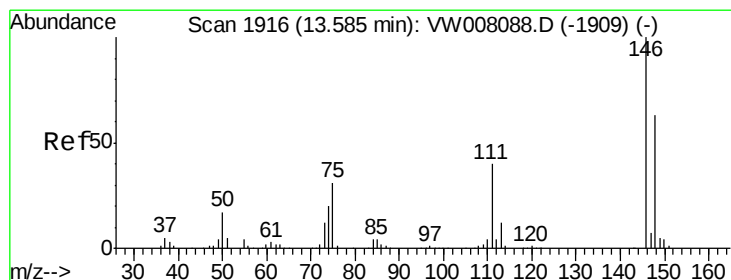
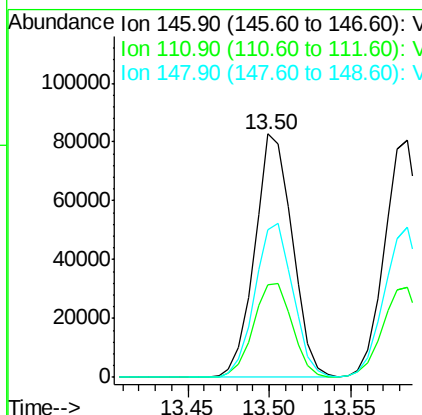
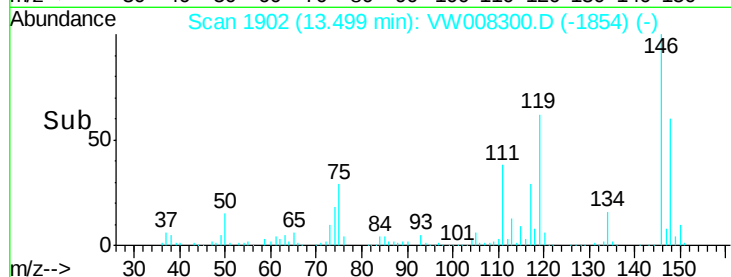
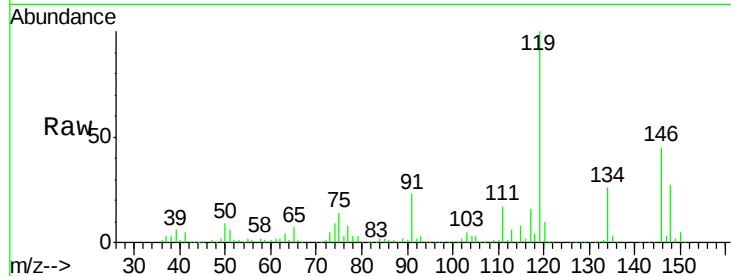




#87
 1,3-Dichlorobenzene
 Concen: 54.516 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

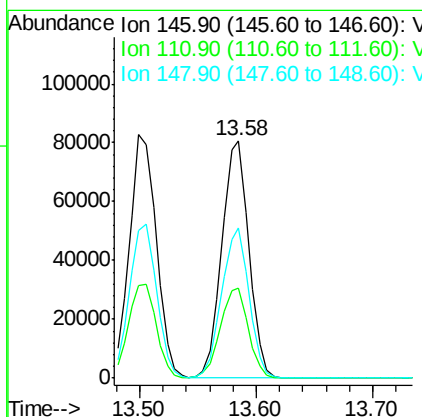
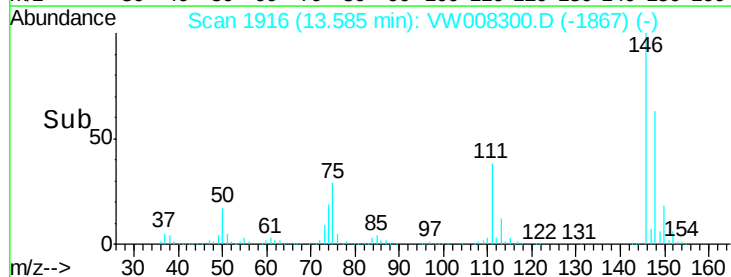
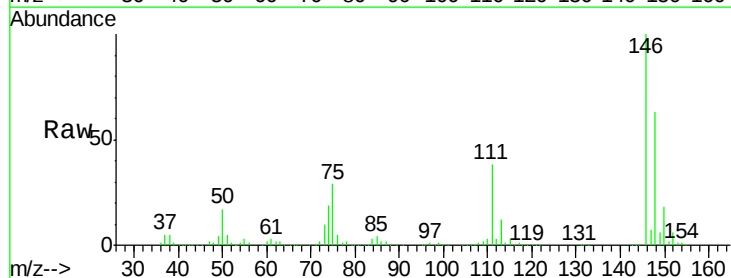
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

Tot Ion:146 Resp: 133088
 Ion Ratio Lower Upper
 146 100
 111 39.8 21.1 63.1
 148 63.6 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 52.763 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Tgt Ion:146 Resp: 129234
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.5 61.5
 148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 53.114 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008300.D

Acq: 16 Jan 2019 11:10

Instrument :

MSVOA_W

ClientSampled :

BFB

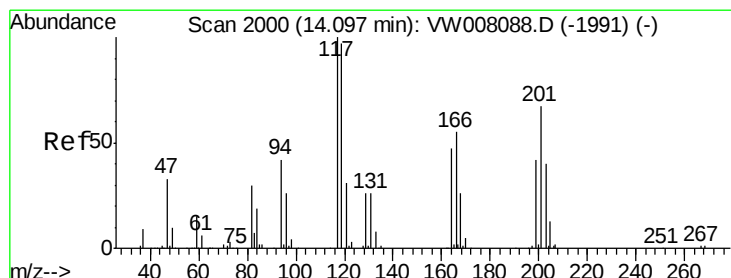
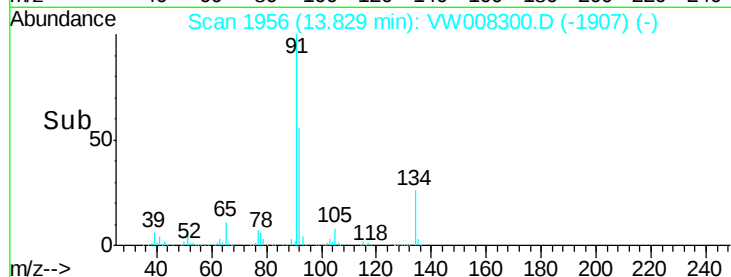
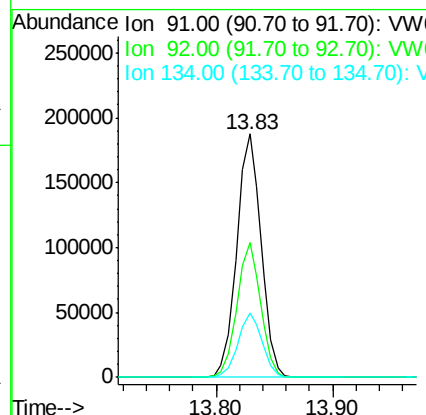
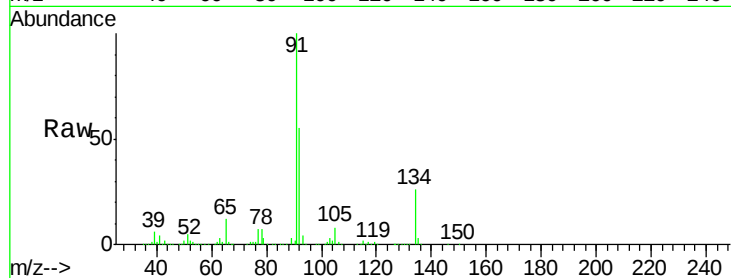
Tot Ion: 91 Resp: 272469

Ion Ratio Lower Upper

91 100

92 54.0 27.4 82.2

134 26.2 12.6 37.8



#90

Hexachloroethane

Concen: 56.984 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008300.D

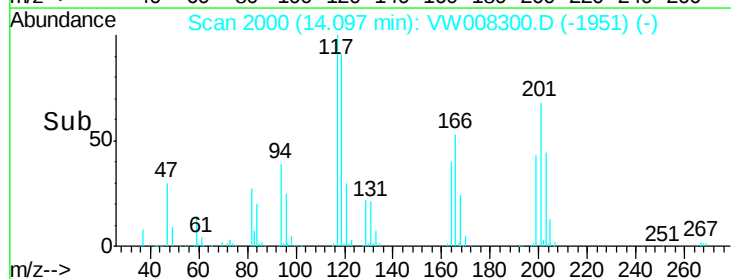
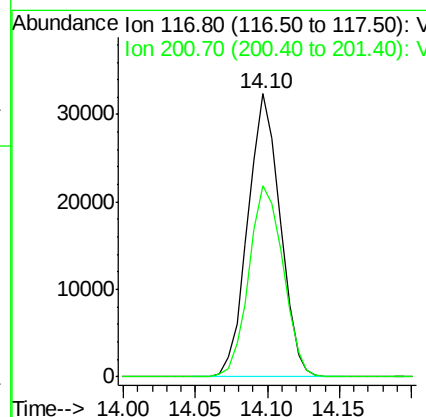
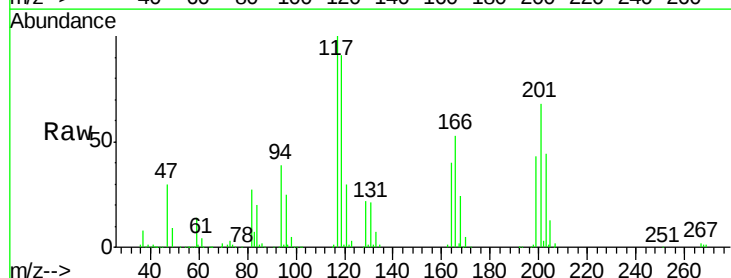
Acq: 16 Jan 2019 11:10

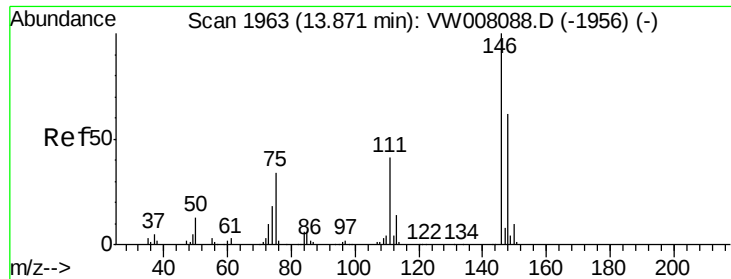
Tgt Ion: 117 Resp: 50413

Ion Ratio Lower Upper

117 100

201 71.2 33.0 98.9

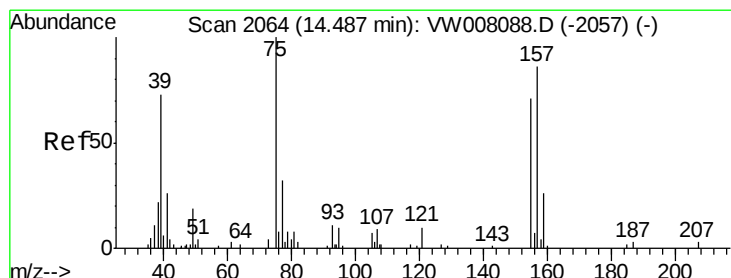
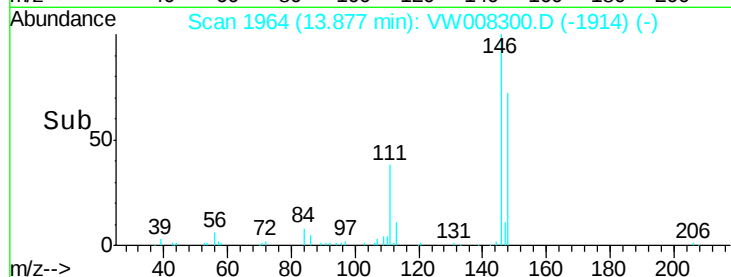
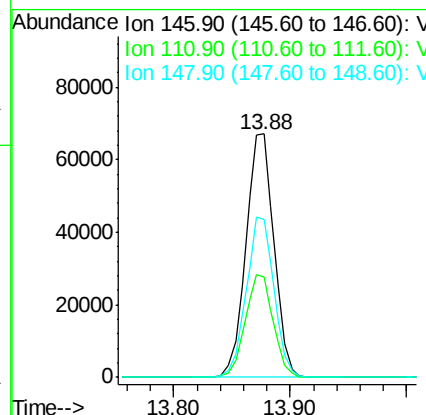
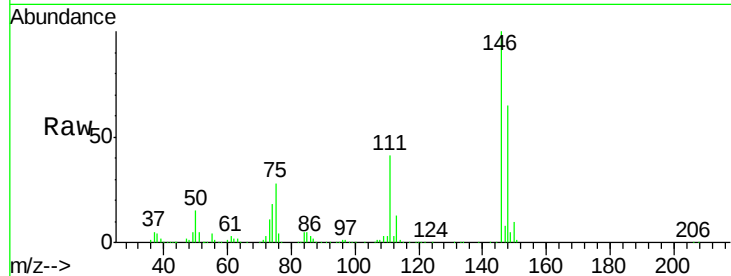




#91
 1,2-Dichlorobenzene
 Concen: 52.644 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

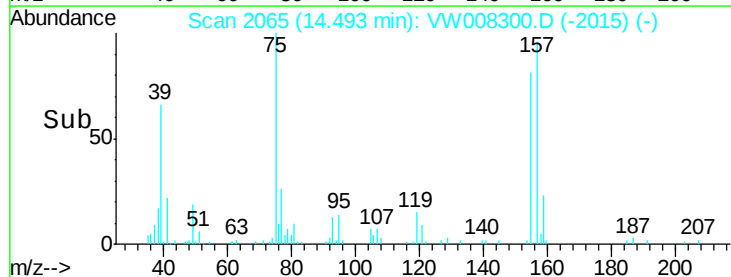
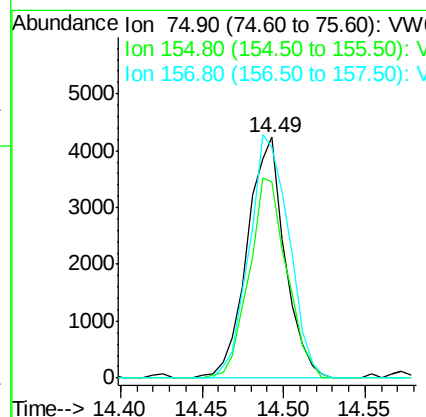
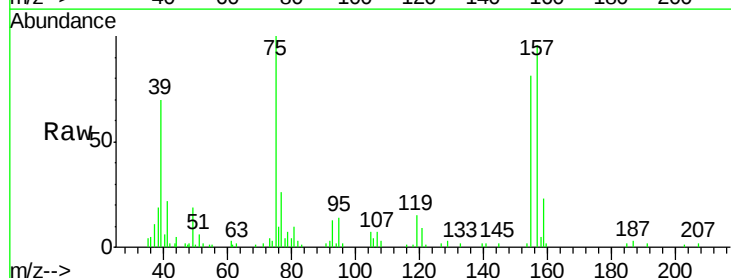
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

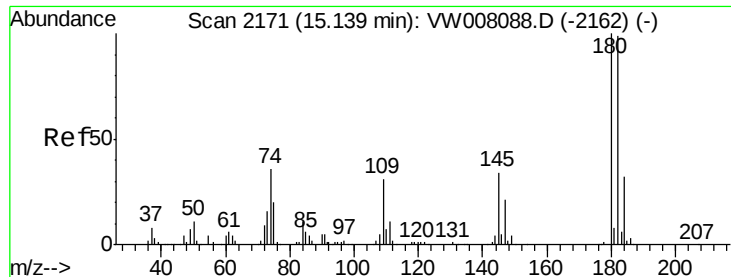
Tot Ion:146 Resp: 112947
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.3 63.7
 148 64.9 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.492 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Tgt Ion: 75 Resp: 6821
 Ion Ratio Lower Upper
 75 100
 155 82.9 38.6 115.7
 157 105.9 47.5 142.6

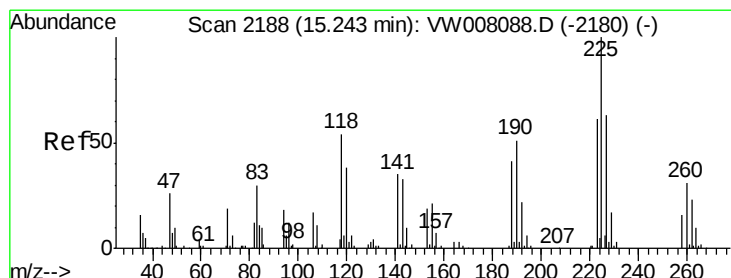
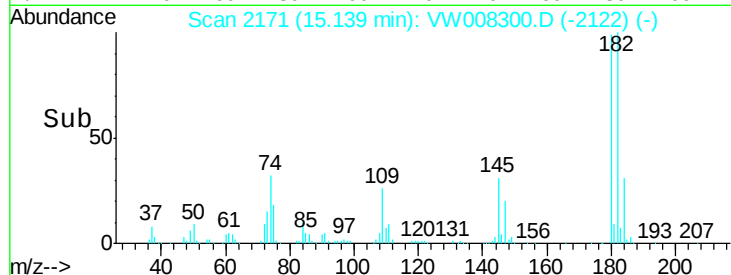
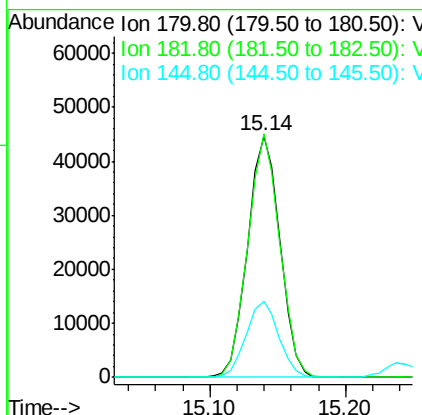
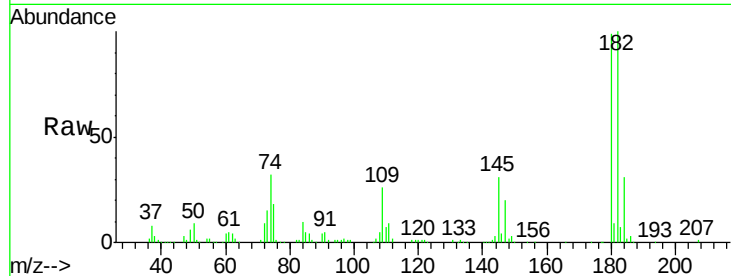




#93
 1,2,4-Trichlorobenzene
 Concen: 52.410 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

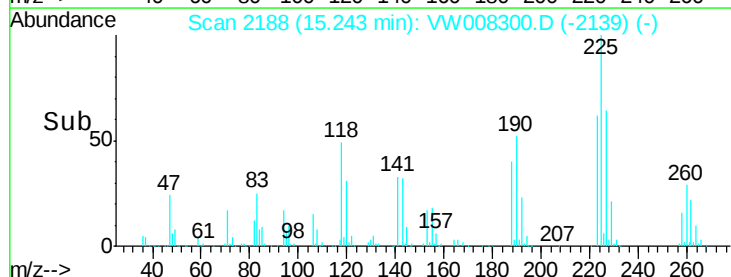
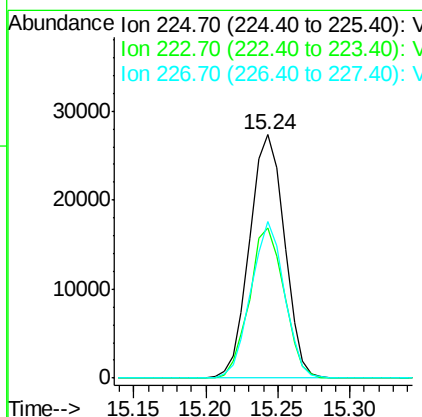
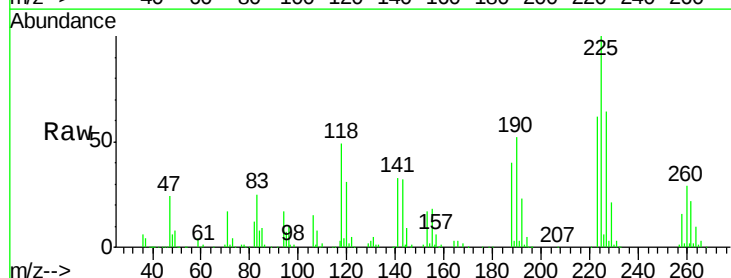
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

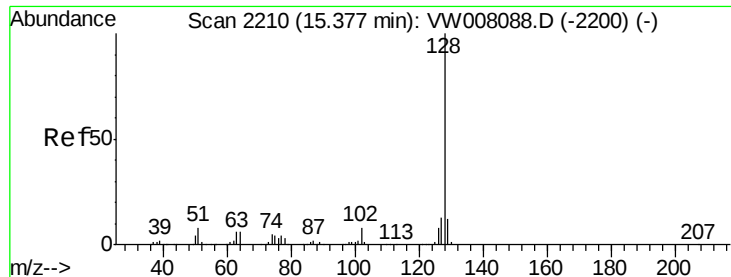
Tot Ion:180 Resp: 74655
 Ion Ratio Lower Upper
 180 100
 182 99.2 48.6 145.9
 145 31.8 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 60.119 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008300.D
 Acq: 16 Jan 2019 11:10

Tgt Ion:225 Resp: 45835
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.4 94.3
 227 61.6 32.0 96.2

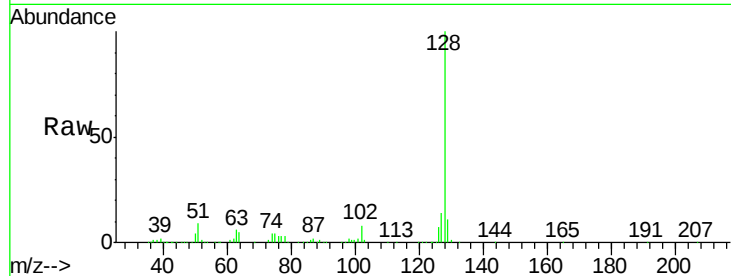




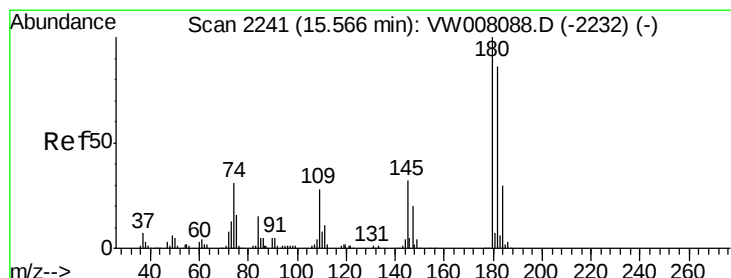
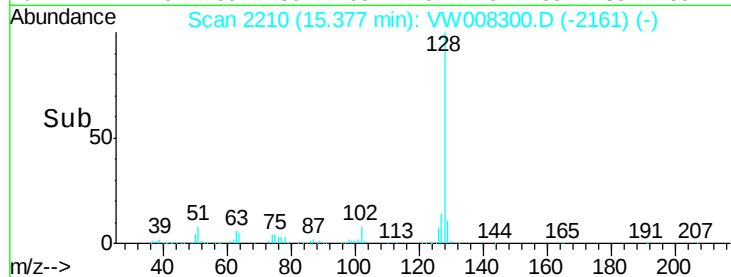
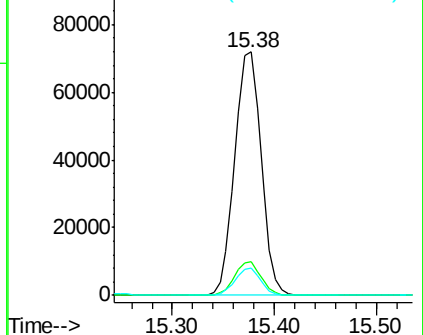
#95
Naphthalene
Concen: 48.603 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.0	16.4
129	10.8	9.0	13.6

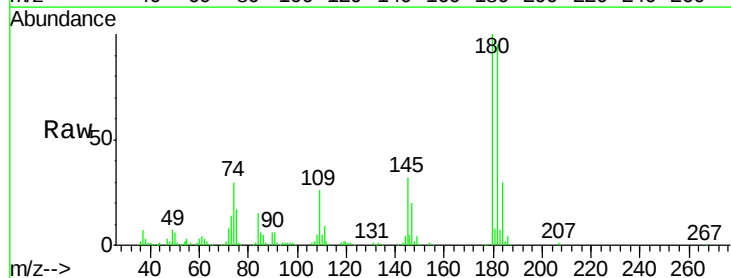


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.572 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008300.D
Acq: 16 Jan 2019 11:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.5	139.3
145	32.6	17.4	52.2



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

