

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010219\
 Data File : VW008010.D
 Acq On : 02 Jan 2019 15:57
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Jan 03 05:07:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	41408	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
35) Dibromofluoromethane	7.88	113	37126	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.32	98	139899	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.62	95	54110	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32529	48.915	ug/l	88
3) Chloromethane	2.22	50	24841	50.353	ug/l	98
4) Vinyl Chloride	2.37	62	31867	50.014	ug/l	94
5) Bromomethane	2.78	94	19462	48.077	ug/l	91
6) Chloroethane	2.93	64	15961	49.011	ug/l #	86
7) Trichlorofluoromethane	3.26	101	32498	50.810	ug/l	98
8) Diethyl Ether	3.68	74	15865	48.294	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37354	49.145	ug/l	99
10) Methyl Iodide	4.26	142	58396	47.755	ug/l	99
11) Tert butyl alcohol	5.17	59	11453	219.943	ug/l	98
12) 1,1-Dichloroethene	4.03	96	35415	48.677	ug/l	93
13) Acrolein	3.89	56	8453	239.586	ug/l	98
14) Allyl chloride	4.67	41	48022	48.721	ug/l	98
15) Acrylonitrile	5.37	53	29693	245.748	ug/l	99
16) Acetone	4.12	43	31593	254.635	ug/l	98
17) Carbon Disulfide	4.37	76	109037	49.063	ug/l	97
18) Methyl Acetate	4.68	43	16304	50.671	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	55706	48.653	ug/l	99
20) Methylene Chloride	4.91	84	33601	43.610	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	37087	46.852	ug/l	92
22) Diisopropyl ether	6.32	45	84913	47.996	ug/l	95
23) Vinyl Acetate	6.26	43	241922	244.404	ug/l	97
24) 1,1-Dichloroethane	6.21	63	62129	47.265	ug/l	98
25) 2-Butanone	7.17	43	35657	243.920	ug/l	98
26) 2,2-Dichloropropane	7.17	77	51676	47.716	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	39857	47.269	ug/l	98
28) Bromochloromethane	7.51	49	20705	49.007	ug/l #	99
29) Tetrahydrofuran	7.53	42	22025	242.562	ug/l	99
30) Chloroform	7.68	83	69276	47.024	ug/l	95
31) Cyclohexane	7.95	56	55679	45.446	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68906	48.881	ug/l	99
36) 1,1-Dichloropropene	8.08	75	55082	50.154	ug/l	98
37) Ethyl Acetate	7.25	43	15959	48.377	ug/l	98
38) Carbon Tetrachloride	8.07	117	66514	50.535	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	66057	48.253	ug/l	99
40) Benzene	8.32	78	140617	48.534	ug/l	100
41) Methacrylonitrile	7.48	41	9346	48.185	ug/l	89
42) 1,2-Dichloroethane	8.40	62	46888	48.572	ug/l	99
43) Isopropyl Acetate	8.43	43	33202	50.371	ug/l	100
44) Trichloroethene	9.09	130	41588	48.642	ug/l	97
45) 1,2-Dichloropropane	9.37	63	31009	49.446	ug/l	97
46) Dibromomethane	9.46	93	17877	48.757	ug/l	98
47) Bromodichloromethane	9.65	83	49125	47.835	ug/l	96
48) Methyl methacrylate	9.44	41	16331	49.138	ug/l	97
49) 1,4-Dioxane	9.45	88	5272	971.620	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	73584	241.170	ug/l	99
52) Toluene	10.39	92	93053	48.650	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	47744	48.348	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	53008	48.104	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	23622	47.584	ug/l	97
56) Ethyl methacrylate	10.65	69	28368	50.547	ug/l	98
57) 1,3-Dichloropropane	10.93	76	39713	47.079	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	67084	252.040	ug/l	99
59) 2-Hexanone	10.97	43	52758	250.469	ug/l	97
60) Dibromochloromethane	11.13	129	33435	49.203	ug/l	99
61) 1,2-Dibromoethane	11.24	107	24648	49.614	ug/l	99
64) Tetrachloroethene	10.87	164	33540	47.654	ug/l	98
65) Chlorobenzene	11.66	112	107219	49.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	38239	48.490	ug/l	97
67) Ethyl Benzene	11.73	91	188164	48.681	ug/l	99
68) m/p-Xylenes	11.84	106	146451	98.004	ug/l	99
69) o-Xylene	12.17	106	68643	49.367	ug/l	100
70) Styrene	12.18	104	112511	49.644	ug/l	100
71) Bromoform	12.35	173	17940	49.103	ug/l #	98
73) Isopropylbenzene	12.47	105	197627	48.877	ug/l	99
74) N-amyl acetate	12.27	43	30399	48.299	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	24597	47.811	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37011	91.494	ug/l	24
77) Bromobenzene	12.75	156	41976	48.300	ug/l	99
78) n-propylbenzene	12.81	91	229426	48.940	ug/l	100
79) 2-Chlorotoluene	12.90	91	131828	48.656	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	169161	48.604	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	8593	50.235	ug/l	97
82) 4-Chlorotoluene	12.99	91	138396	48.038	ug/l	100
83) tert-Butylbenzene	13.21	119	149342	49.045	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	170056	48.240	ug/l	99
85) sec-Butylbenzene	13.39	105	203058	48.476	ug/l	99
86) p-Isopropyltoluene	13.51	119	186283	49.304	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	84459	48.166	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	84397	48.615	ug/l	99
89) n-Butylbenzene	13.83	91	167027	48.331	ug/l	99
90) Hexachloroethane	14.10	117	31556	48.133	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	73518	47.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5263	50.404	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration

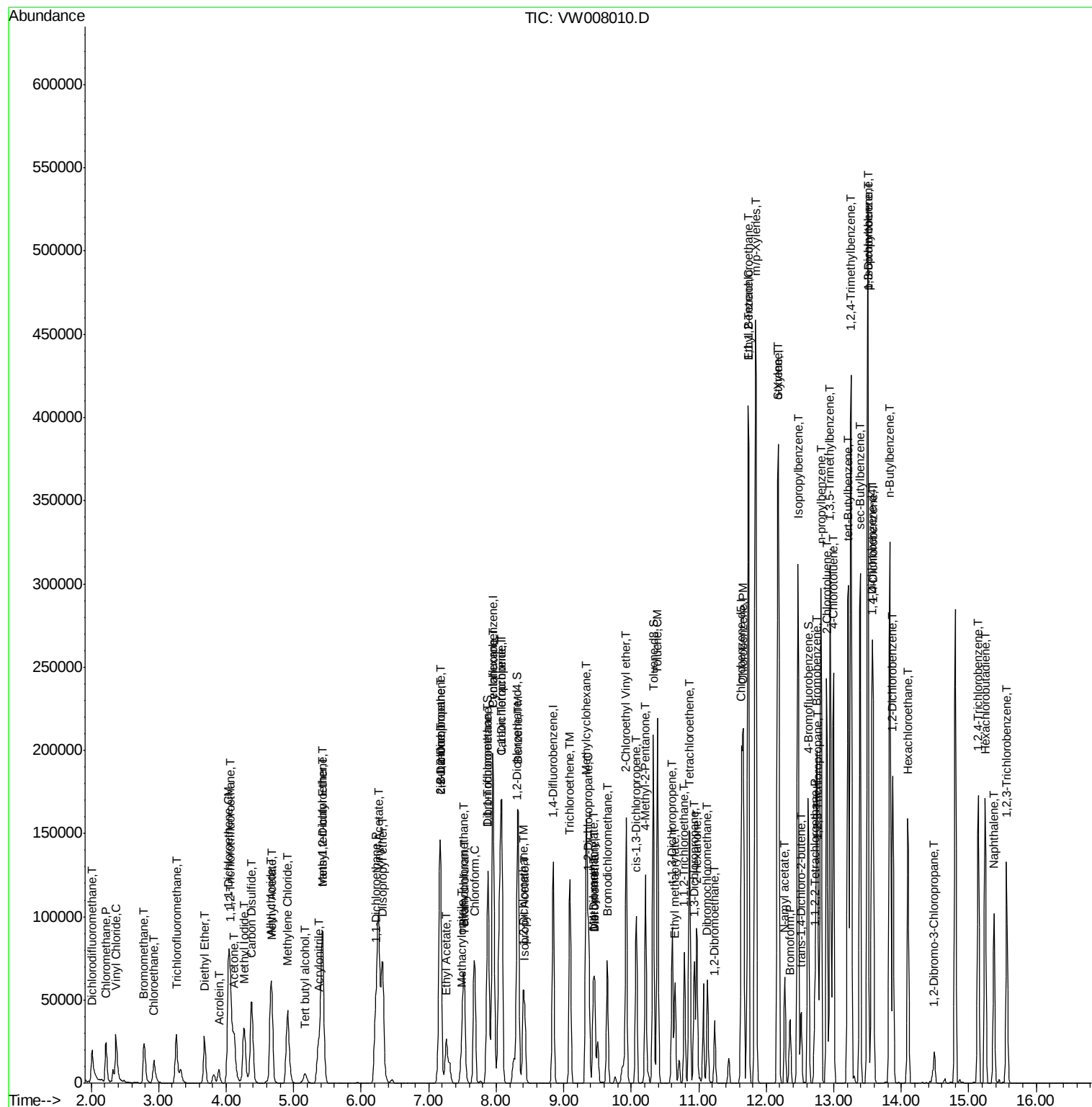
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	51314	47.414	ug/l	99
94) Hexachlorobutadiene	15.24	225	29996	48.002	ug/l	97
95) Naphthalene	15.38	128	91742	49.774	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	42878	48.150	ug/l	99

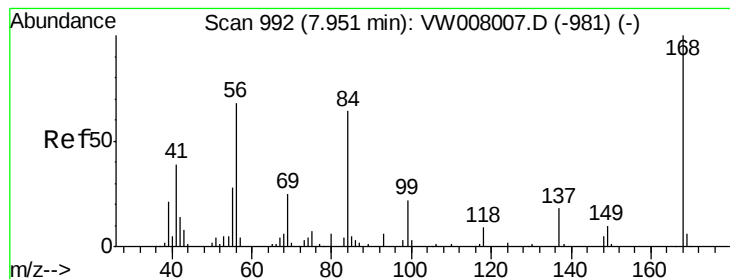
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampled :

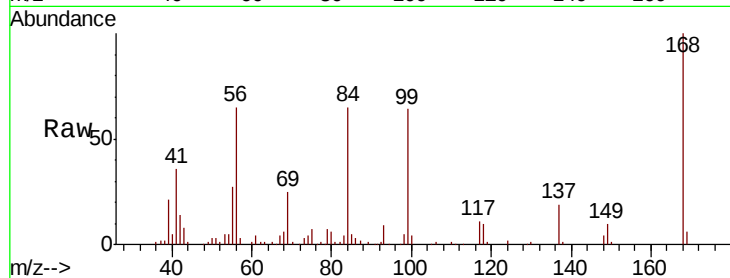
BFB

Tgt Ion: 168 Resp: 72466

Ion Ratio Lower Upper

168 100

99 63.5 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

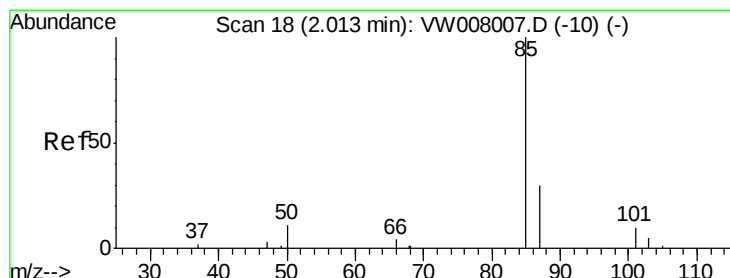
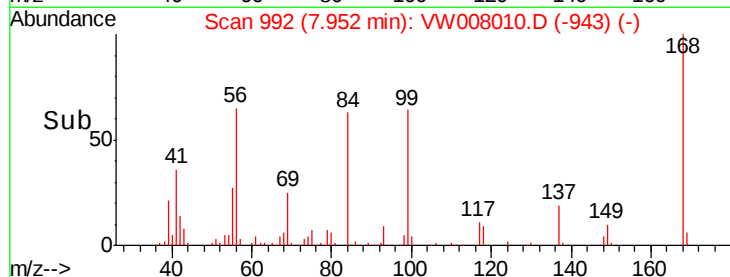
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 48.915 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW008010.D

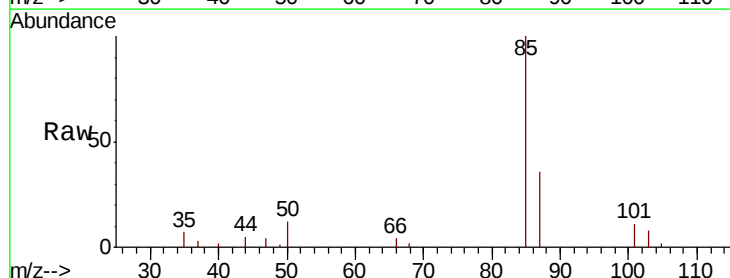
Acq: 02 Jan 2019 15:57

Tgt Ion: 85 Resp: 32529

Ion Ratio Lower Upper

85 100

87 36.3 15.0 45.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

12000

10000

8000

6000

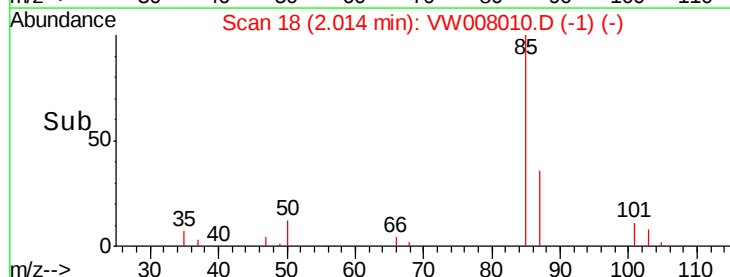
4000

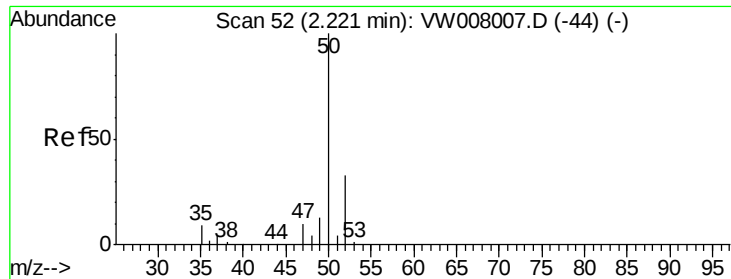
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 50.353 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

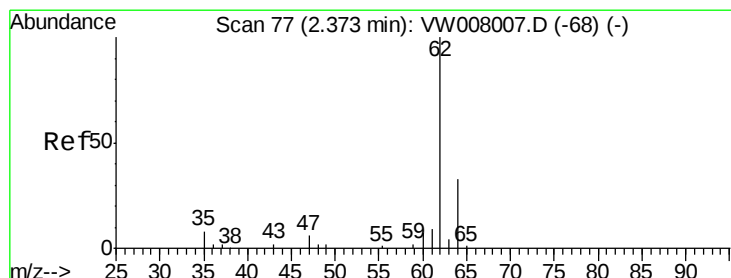
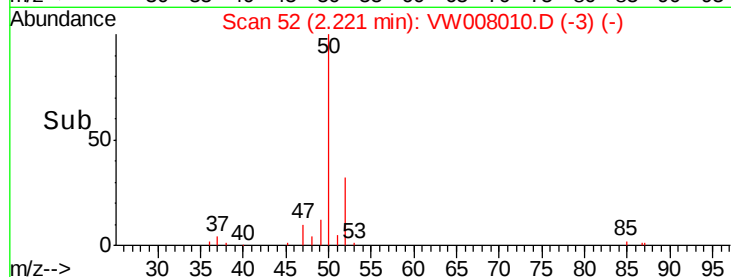
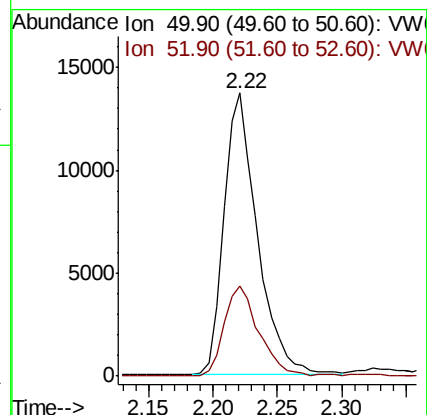
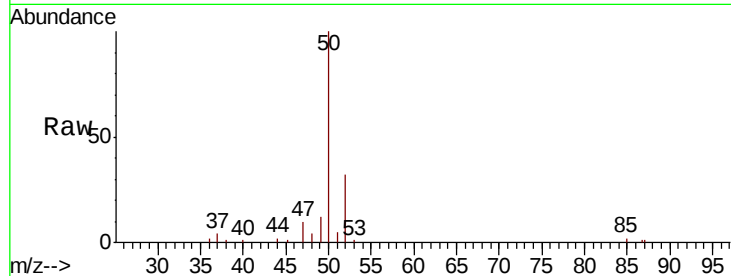
BFB

Tgt Ion: 50 Resp: 24841

Ion Ratio Lower Upper

50 100

52 32.1 26.8 40.2



#4

Vinyl Chloride

Concen: 50.014 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW008010.D

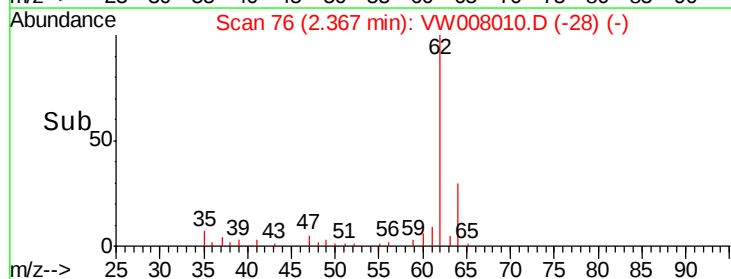
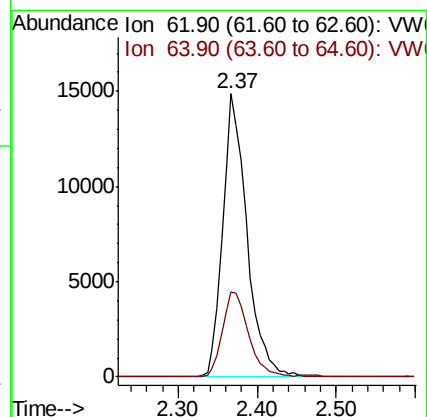
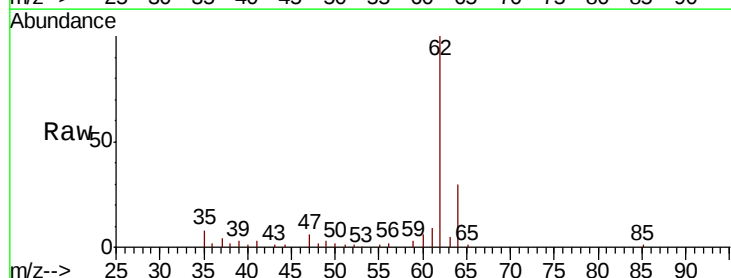
Acq: 02 Jan 2019 15:57

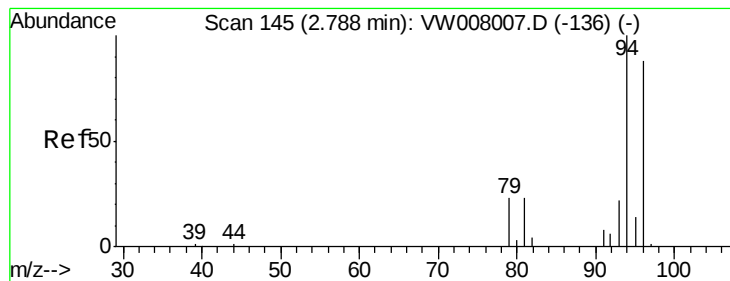
Tgt Ion: 62 Resp: 31867

Ion Ratio Lower Upper

62 100

64 30.1 26.8 40.2





#5

Bromomethane

Concen: 48.077 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampled :

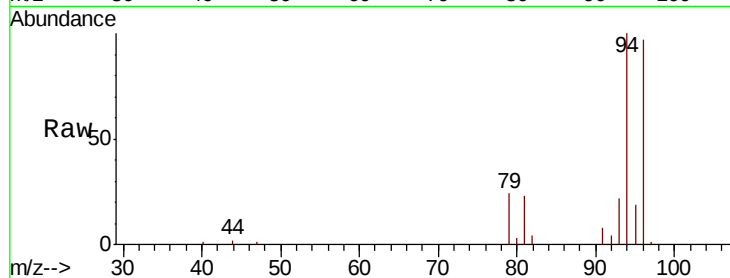
BFB

Tgt Ion: 94 Resp: 19462

Ion Ratio Lower Upper

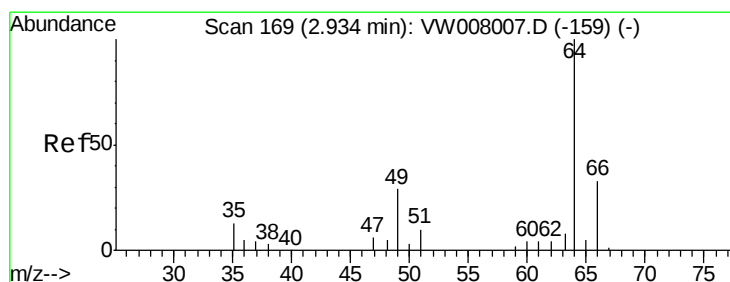
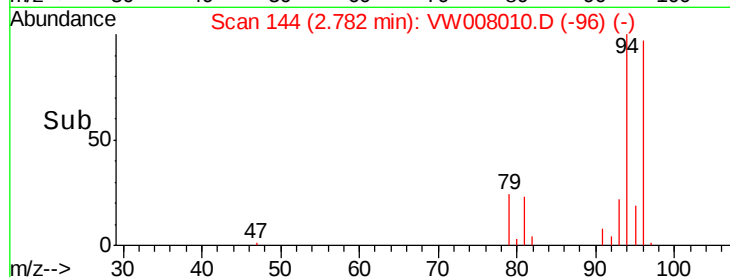
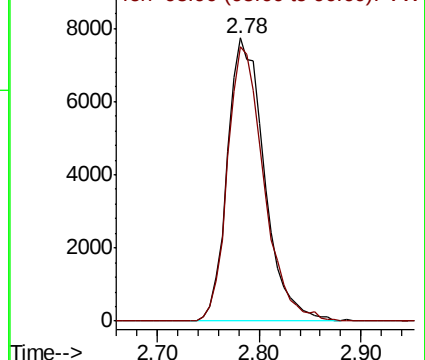
94 100

96 96.8 70.7 106.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 49.011 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008010.D

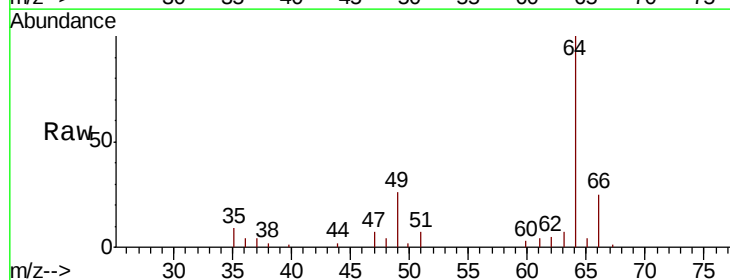
Acq: 02 Jan 2019 15:57

Tgt Ion: 64 Resp: 15961

Ion Ratio Lower Upper

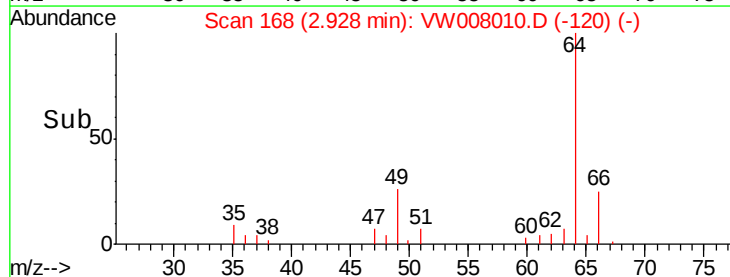
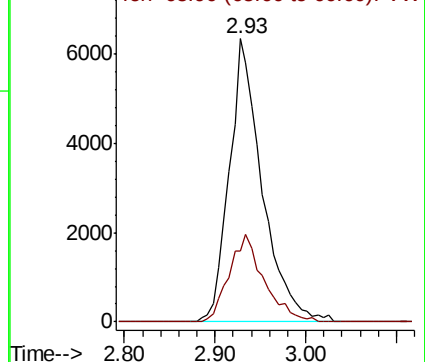
64 100

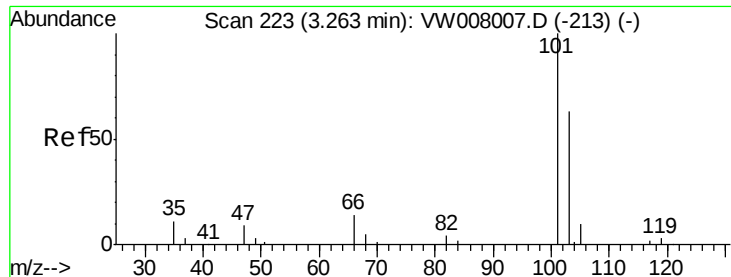
66 25.1 26.6 39.8#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



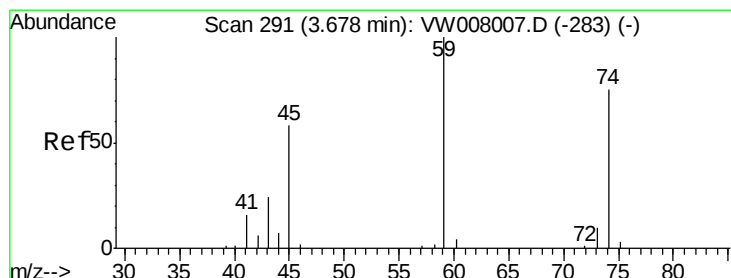
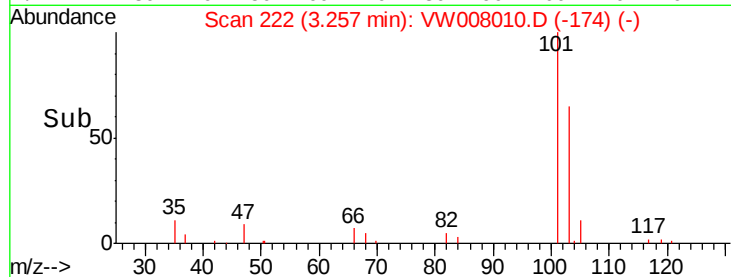
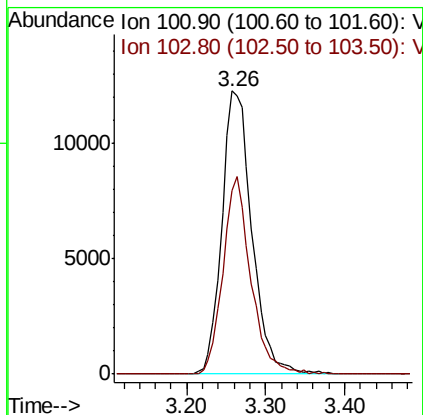
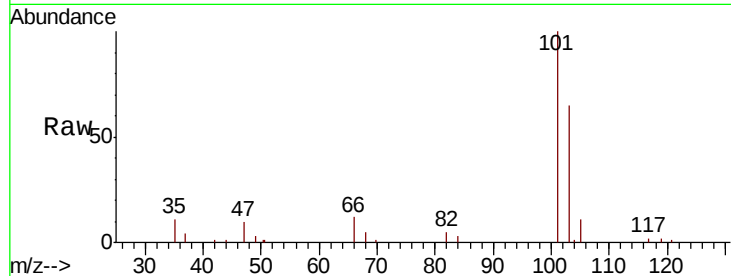


#7

Trichlorofluoromethane
 Concen: 50.810 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Instrument :
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 ClientSampled :
 BFB

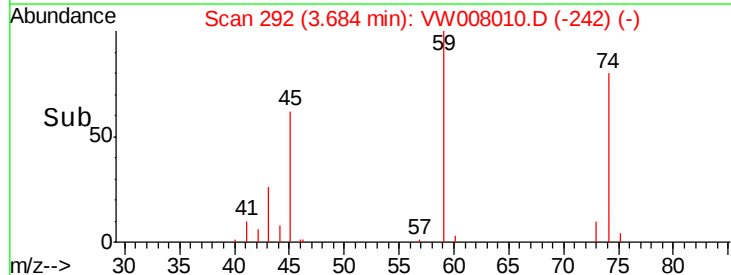
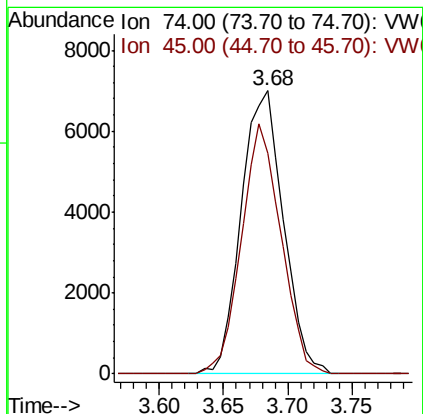
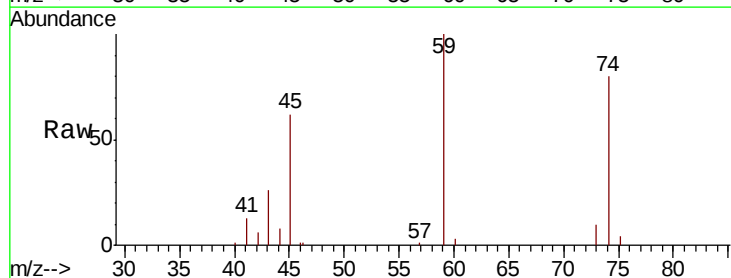
Tgt Ion: 101 Resp: 32498
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.5 75.7

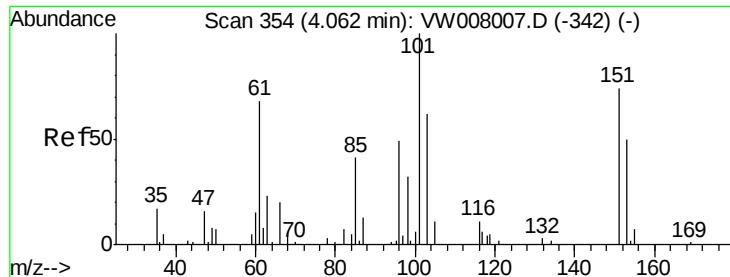


#8

Diethyl Ether
 Concen: 48.294 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Tgt Ion: 74 Resp: 15865
 Ion Ratio Lower Upper
 74 100
 45 82.6 41.4 124.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.145 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

BFB

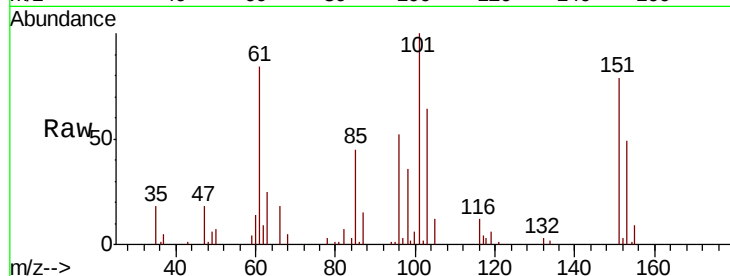
Tgt Ion:101 Resp: 37354

Ion Ratio Lower Upper

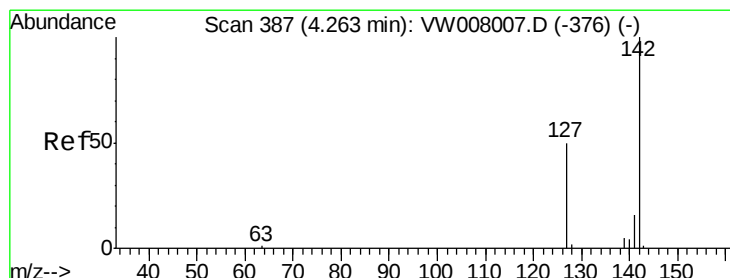
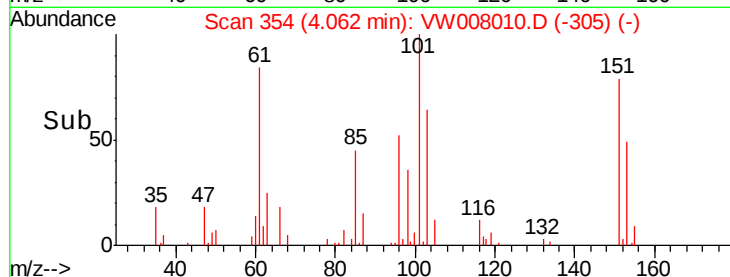
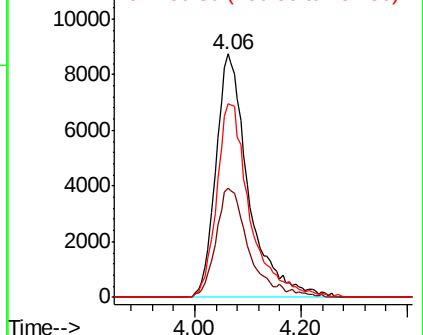
101 100

85 44.5 35.1 52.7

151 80.9 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.755 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

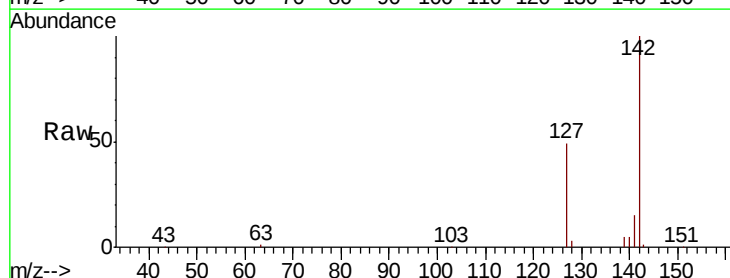
Tgt Ion:142 Resp: 58396

Ion Ratio Lower Upper

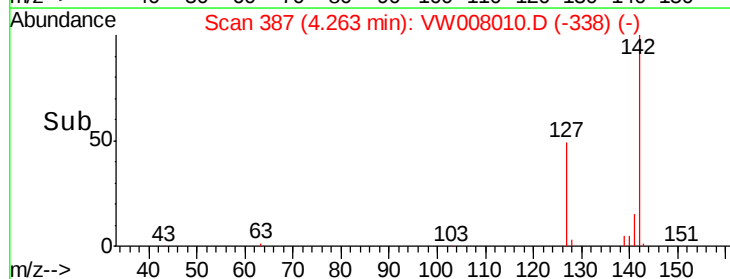
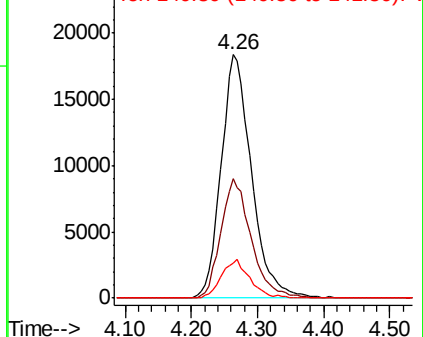
142 100

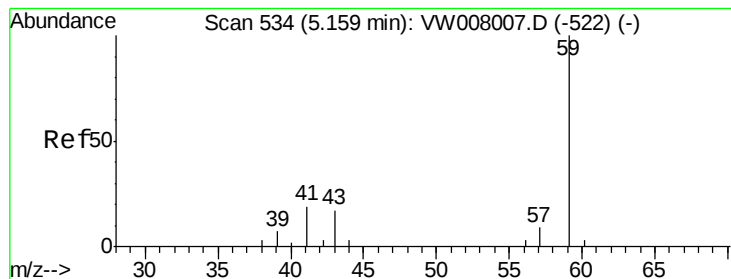
127 48.6 39.4 59.0

141 14.9 12.1 18.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



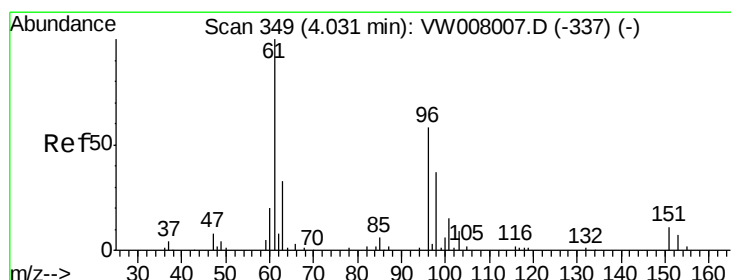
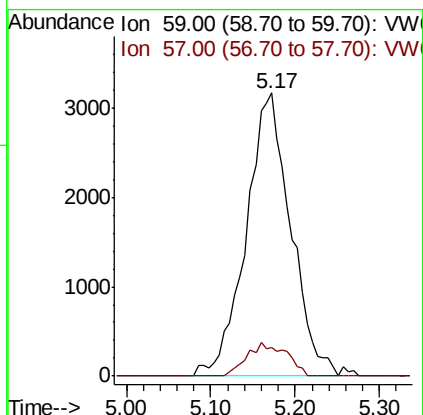
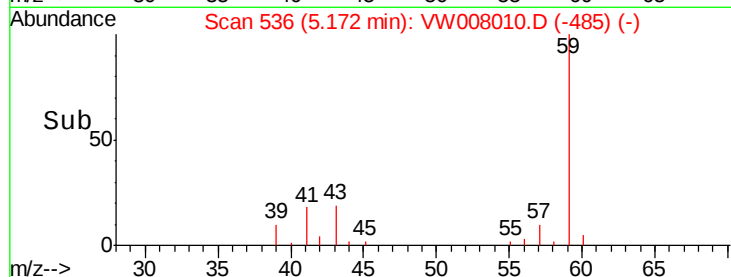
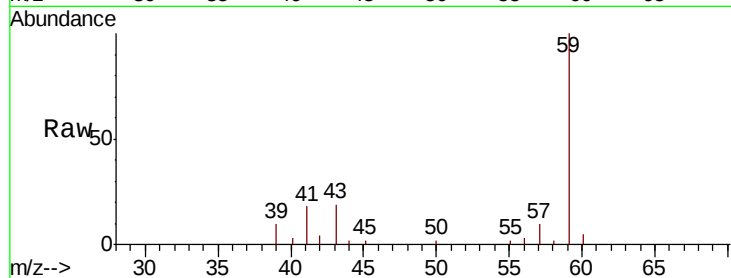


#11

Tert butyl alcohol
Concen: 219.943 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Instrument :
MSVOA_W
ClientSampleId :
BFB

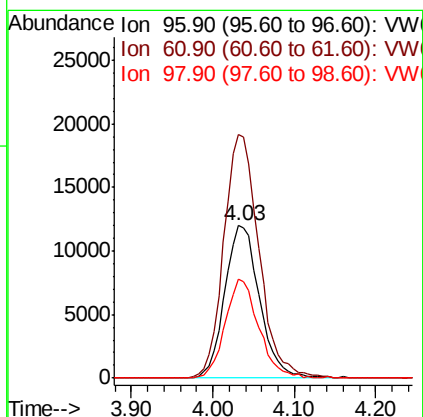
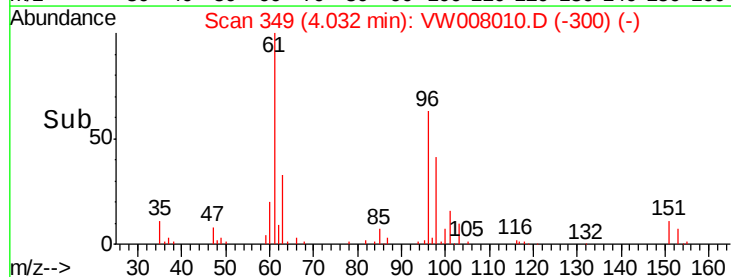
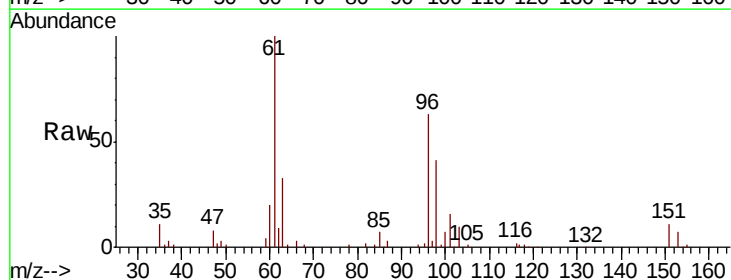
Tgt Ion: 59 Resp: 11453
Ion Ratio Lower Upper
59 100
57 10.4 9.0 13.4

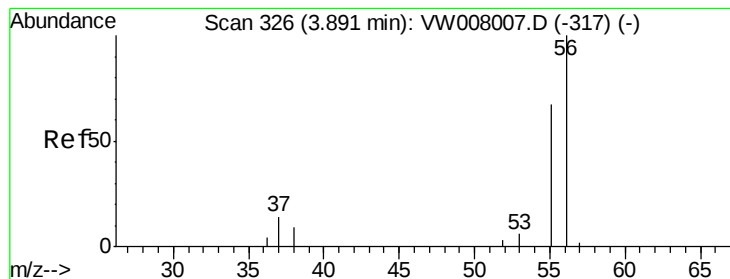


#12

1,1-Dichloroethene
Concen: 48.677 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion: 96 Resp: 35415
Ion Ratio Lower Upper
96 100
61 159.5 137.3 205.9
98 65.1 50.5 75.7





#13

Acrolein

Concen: 239.586 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

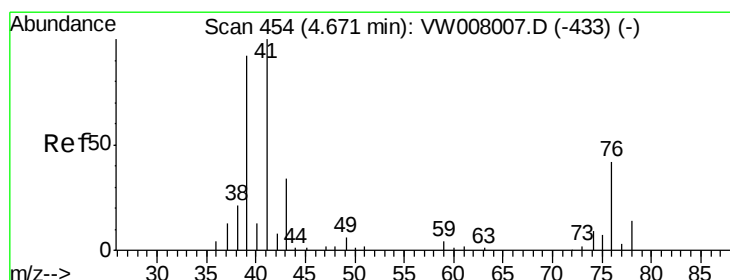
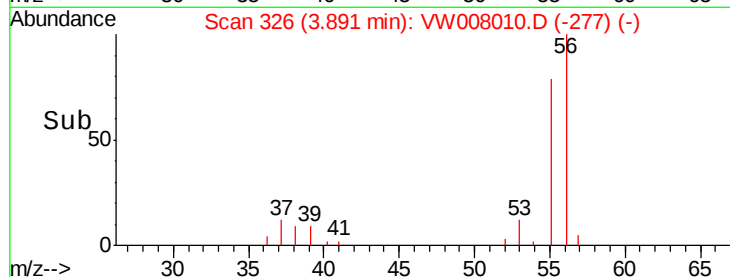
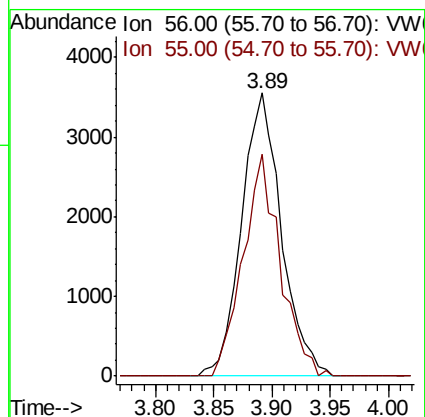
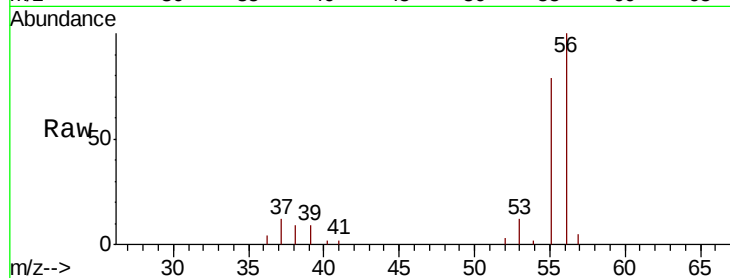
BFB

Tgt Ion: 56 Resp: 8453

Ion Ratio Lower Upper

56 100

55 73.1 57.3 85.9



#14

Allyl chloride

Concen: 48.721 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

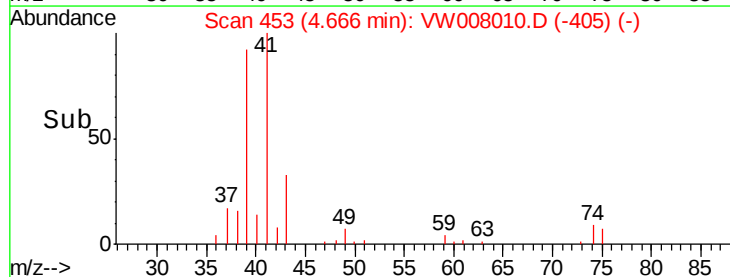
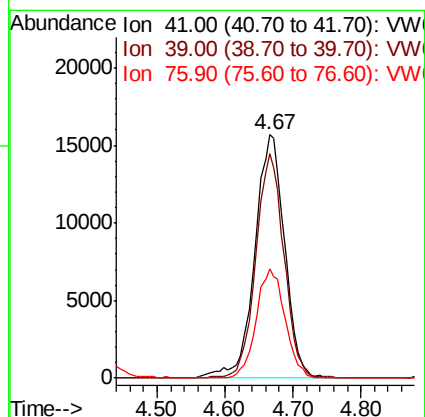
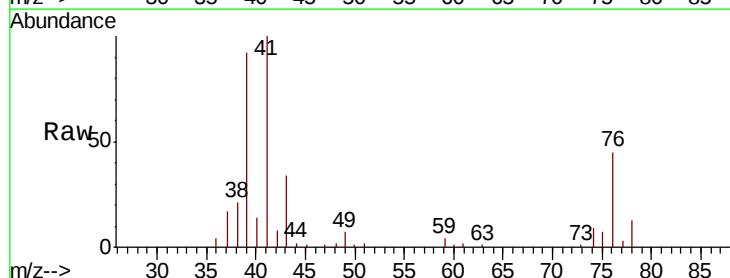
Tgt Ion: 41 Resp: 48022

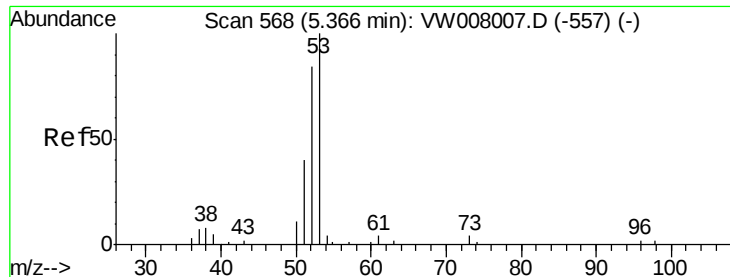
Ion Ratio Lower Upper

41 100

39 87.2 71.1 106.7

76 43.0 33.4 50.2





#15

Acrylonitrile

Concen: 245.748 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

BFB

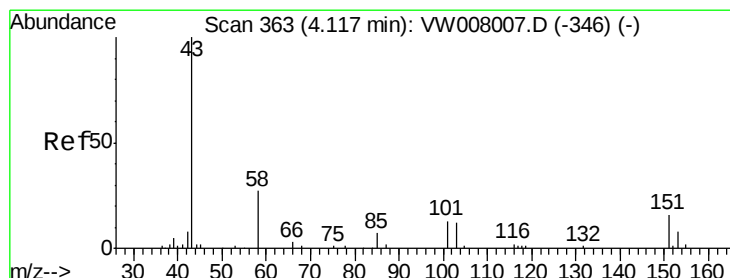
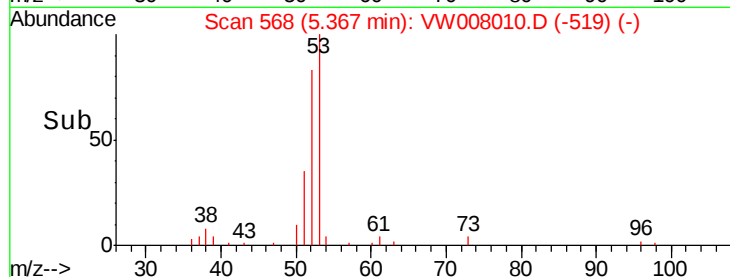
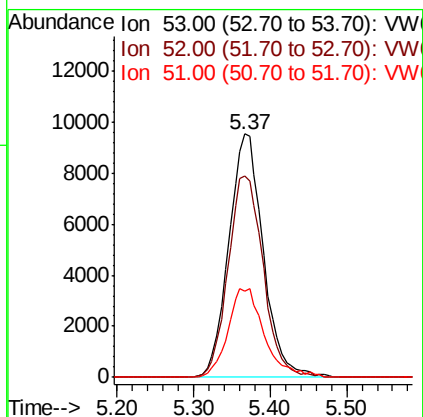
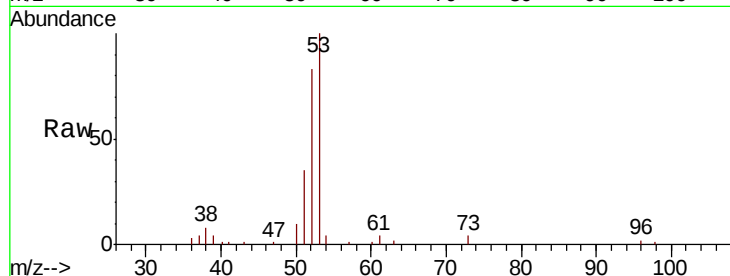
Tgt Ion: 53 Resp: 29693

Ion Ratio Lower Upper

53 100

52 84.2 67.8 101.8

51 38.6 31.5 47.3



#16

Acetone

Concen: 254.635 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008010.D

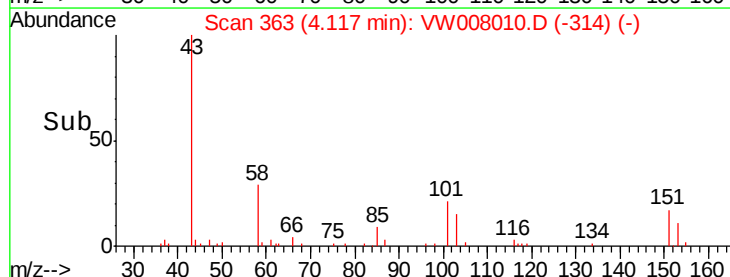
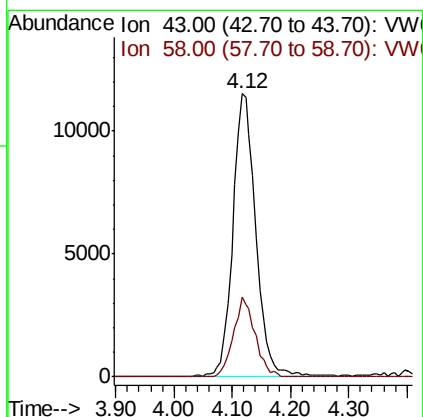
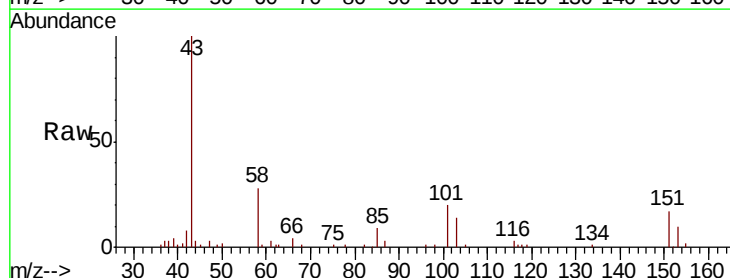
Acq: 02 Jan 2019 15:57

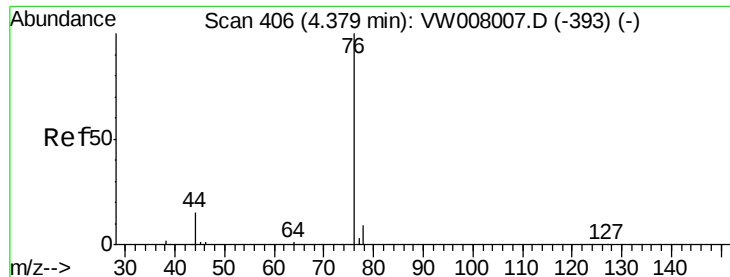
Tgt Ion: 43 Resp: 31593

Ion Ratio Lower Upper

43 100

58 28.3 21.7 32.5

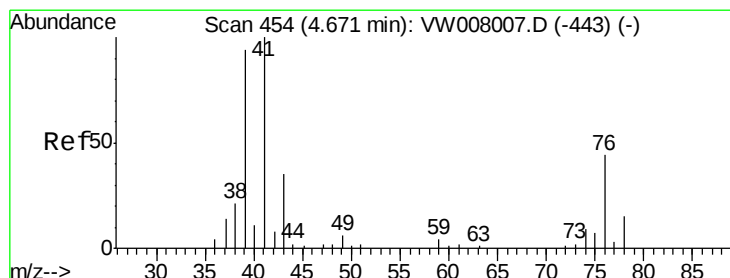
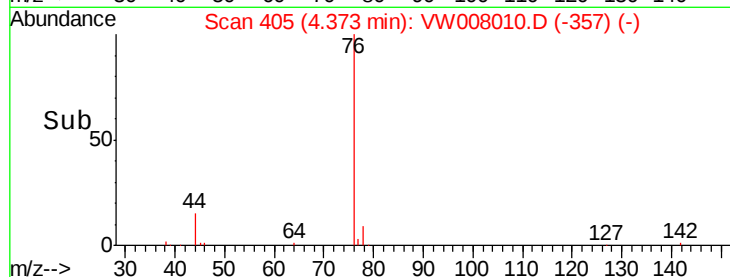
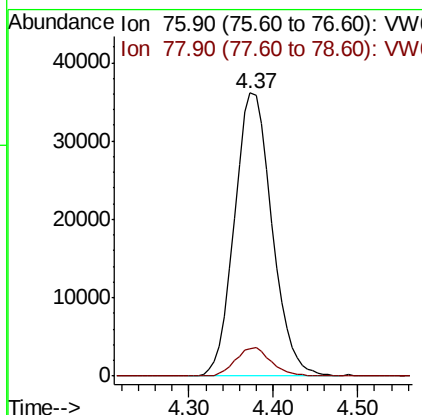
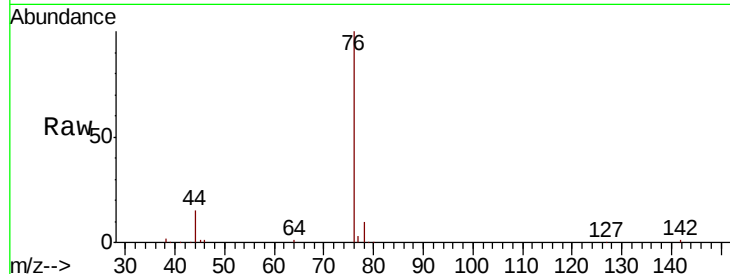




#17
Carbon Disulfide
Concen: 49.063 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

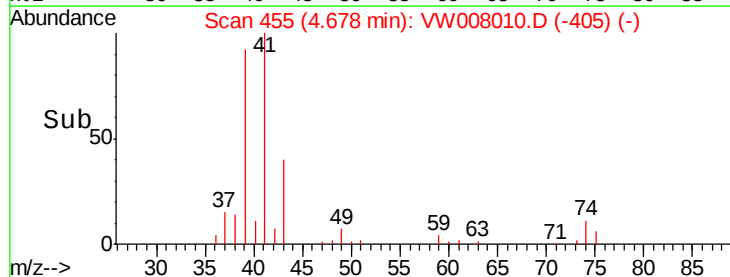
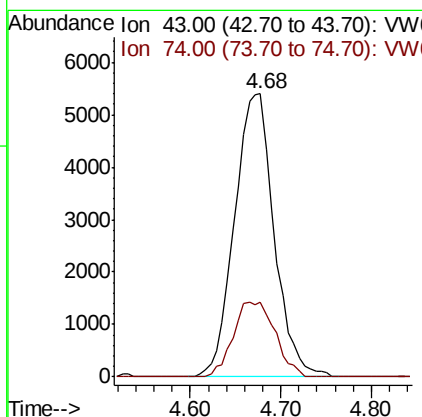
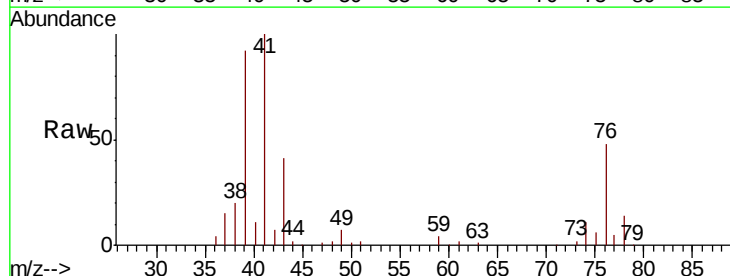
Instrument :
MSVOA_W
ClientSampleId :
BFB

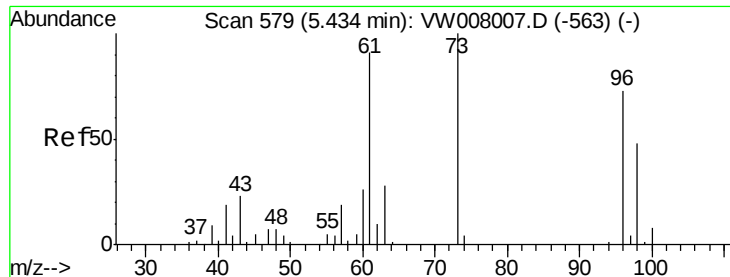
Tgt Ion: 76 Resp: 109037
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 50.671 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion: 43 Resp: 16304
Ion Ratio Lower Upper
43 100
74 27.9 21.4 32.2

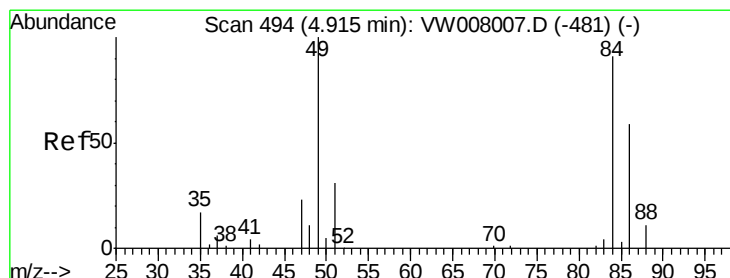
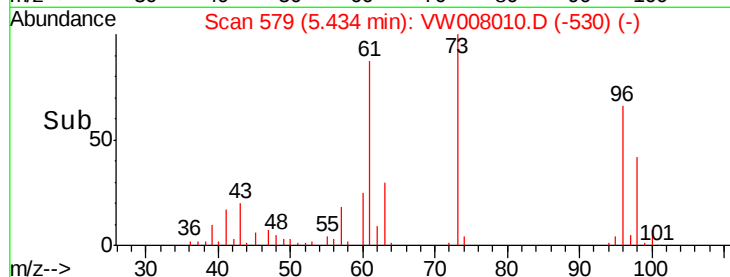
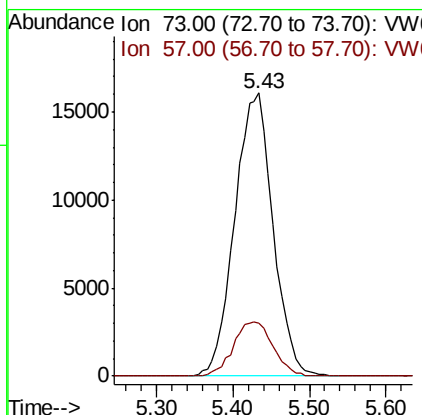
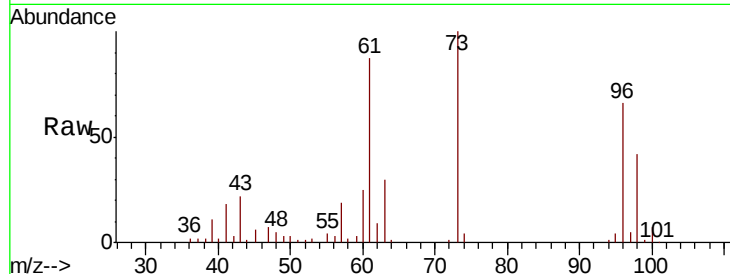




#19
Methyl tert-butyl Ether
Concen: 48.653 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

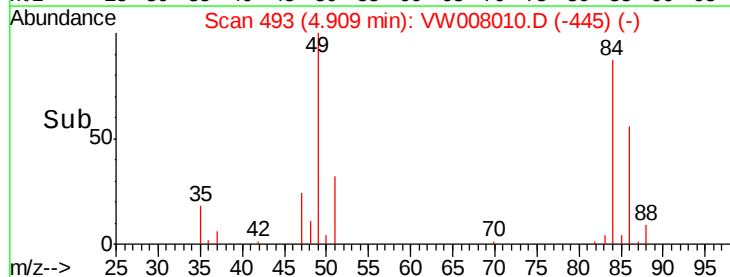
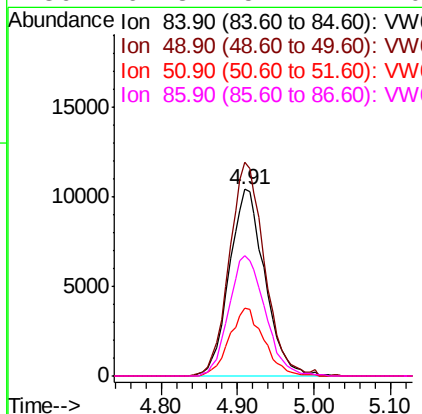
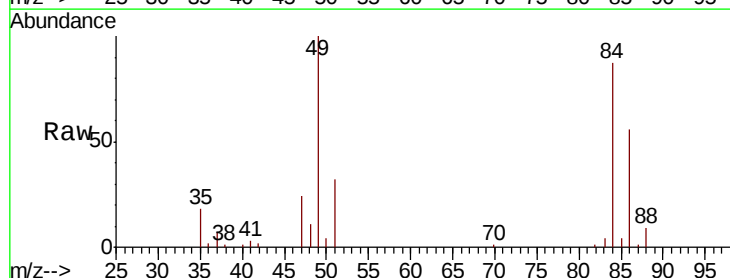
Instrument :
MSVOA_W
ClientSampleId :
BFB

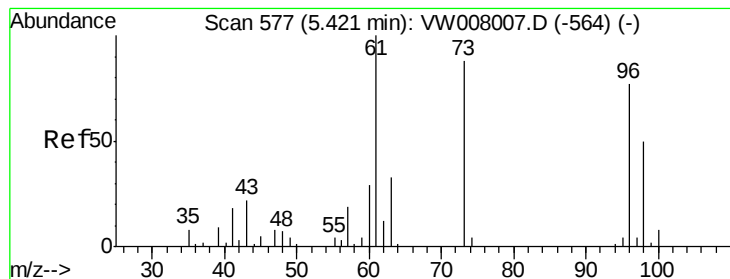
Tgt Ion: 73 Resp: 55706
Ion Ratio Lower Upper
73 100
57 18.9 15.4 23.0



#20
Methylene Chloride
Concen: 43.610 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion: 84 Resp: 33601
Ion Ratio Lower Upper
84 100
49 114.7 87.7 131.5
51 36.1 27.3 40.9
86 64.3 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 46.852 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

BFB

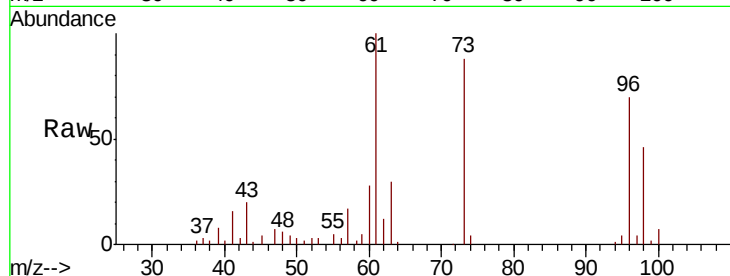
Tgt Ion: 96 Resp: 37087

Ion Ratio Lower Upper

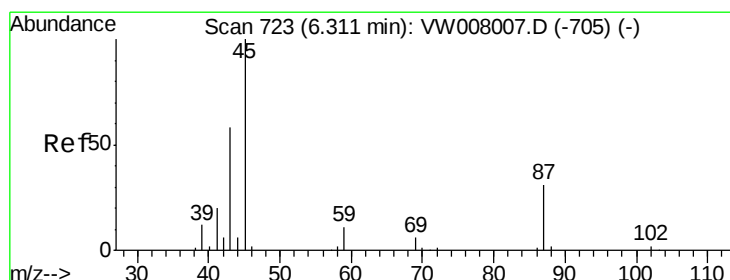
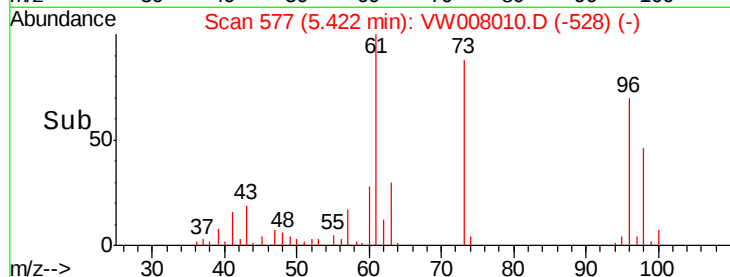
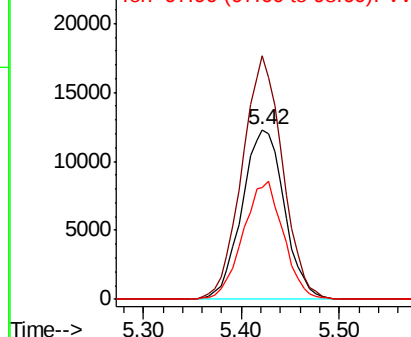
96 100

61 143.3 104.2 156.2

98 66.0 51.8 77.6



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



#22

Diisopropyl ether

Concen: 47.996 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Tgt Ion: 45 Resp: 84913

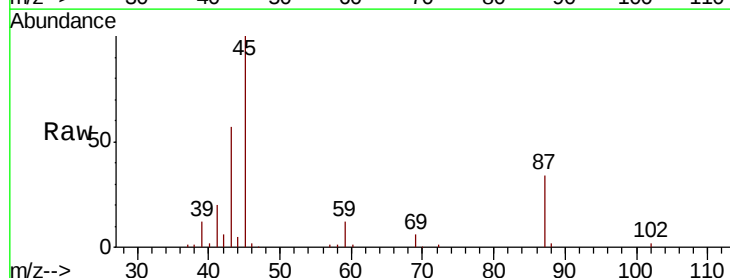
Ion Ratio Lower Upper

45 100

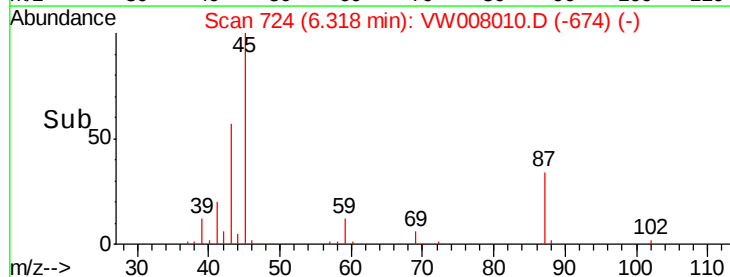
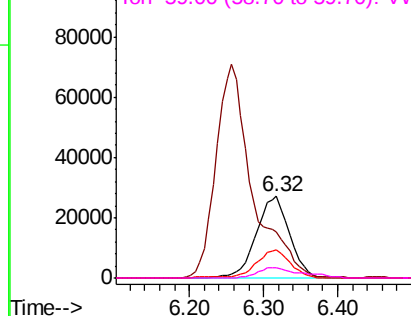
43 55.9 48.1 72.1

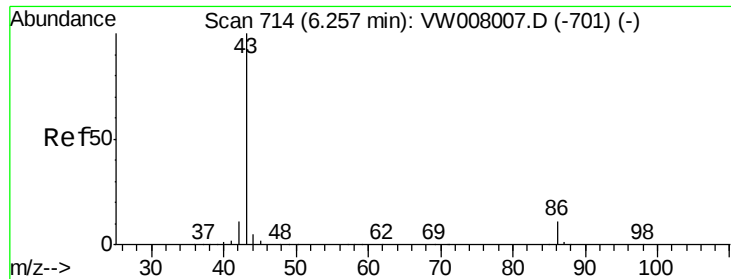
87 34.2 25.8 38.8

59 11.9 8.7 13.1



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





#23

Vinyl Acetate

Concen: 244.404 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

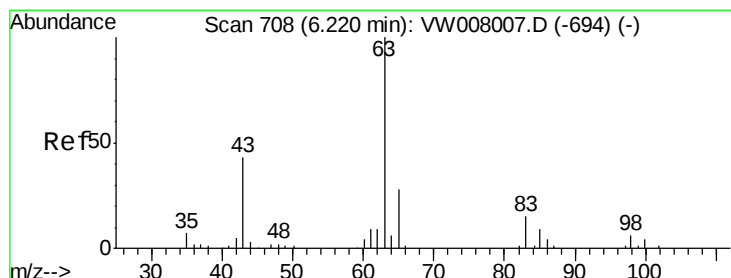
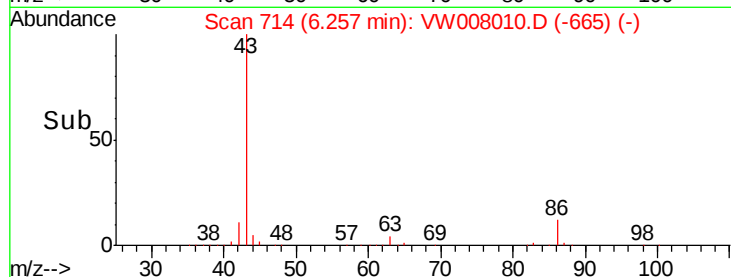
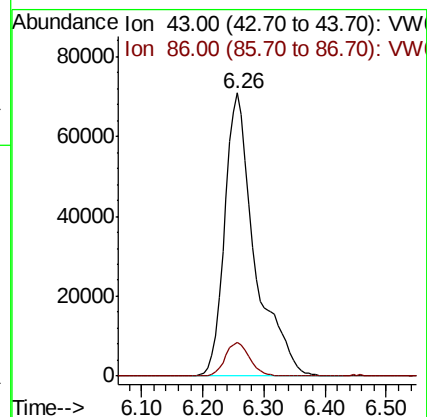
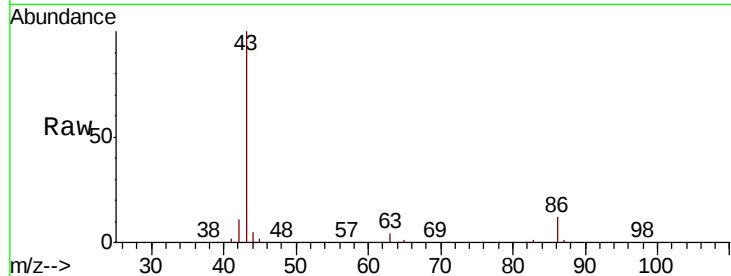
BFB

Tgt Ion: 43 Resp: 241922

Ion Ratio Lower Upper

43 100

86 12.0 8.8 13.2



#24

1,1-Dichloroethane

Concen: 47.265 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

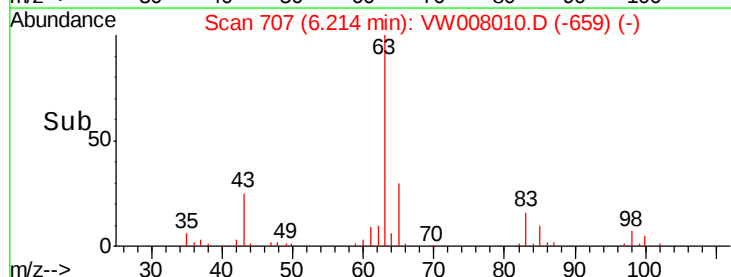
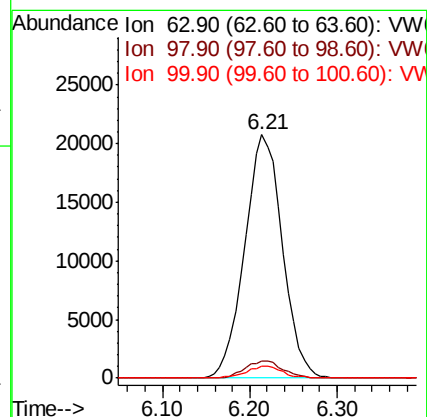
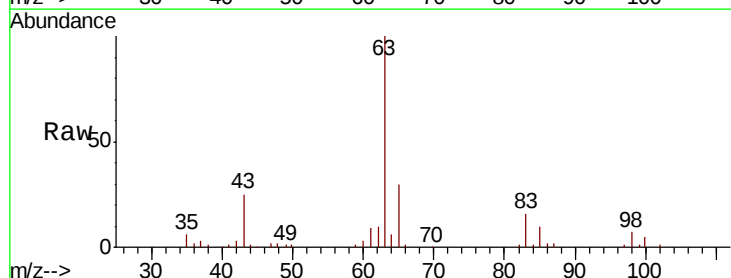
Tgt Ion: 63 Resp: 62129

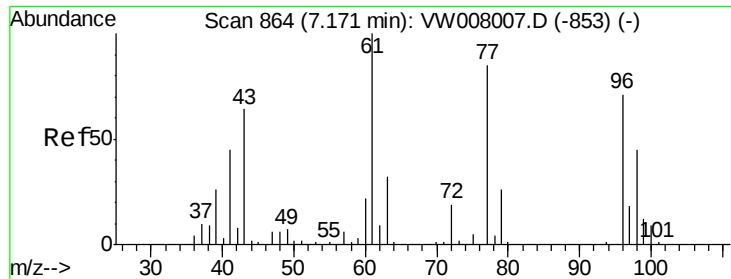
Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 4.8 2.1 6.2

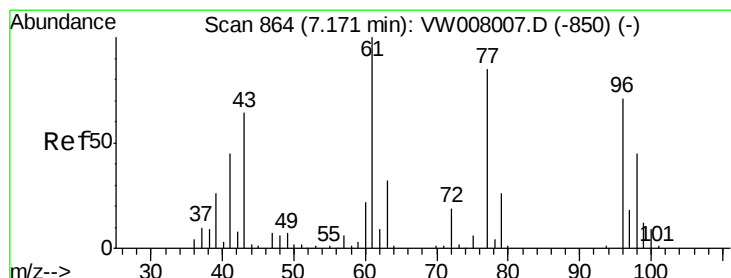
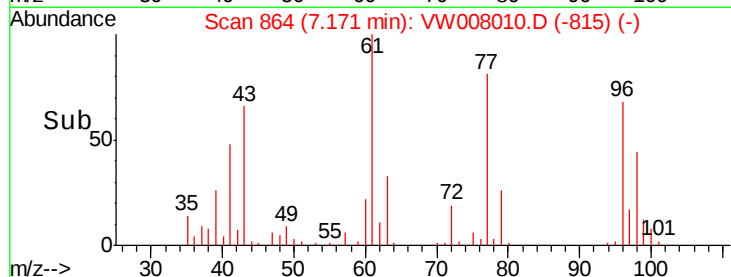
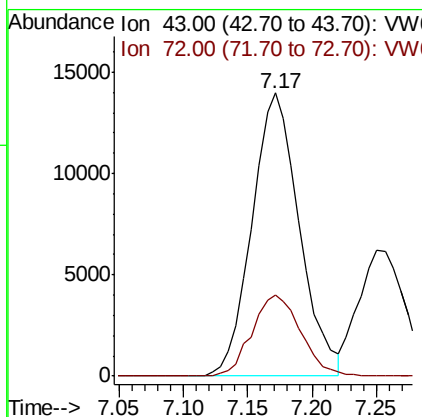
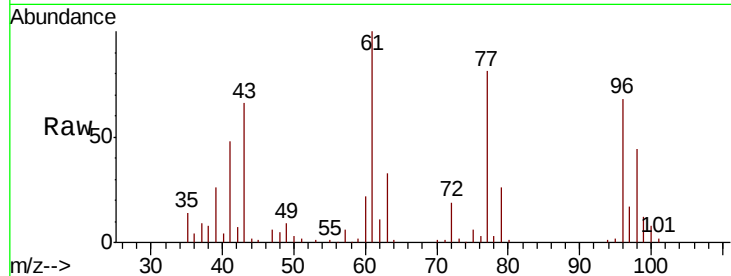




#25
 2-Butanone
 Concen: 243.920 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

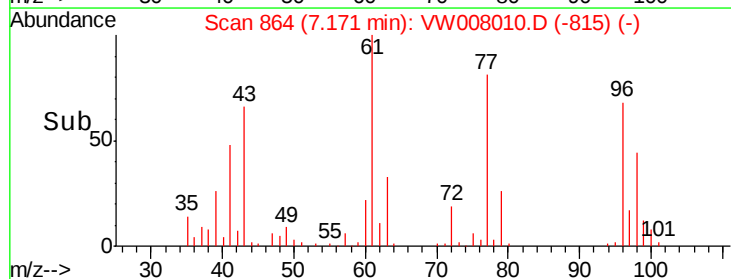
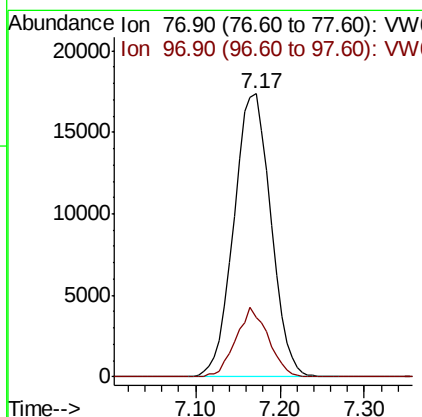
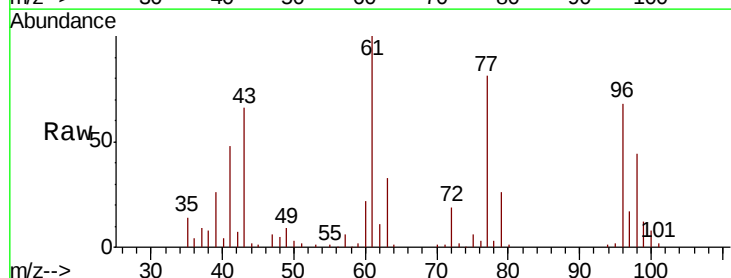
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

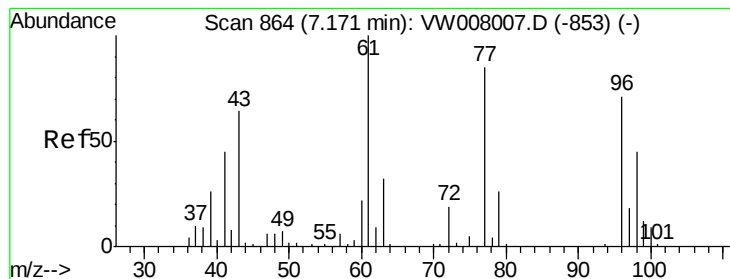
Tgt Ion: 43 Resp: 35657
 Ion Ratio Lower Upper
 43 100
 72 28.7 23.8 35.8



#26
 2,2-Dichloropropane
 Concen: 47.716 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Tgt Ion: 77 Resp: 51676
 Ion Ratio Lower Upper
 77 100
 97 21.5 11.0 33.0



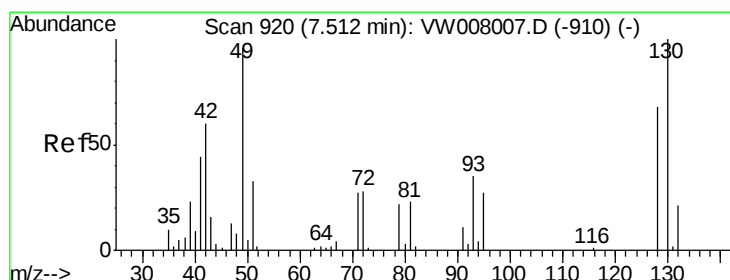
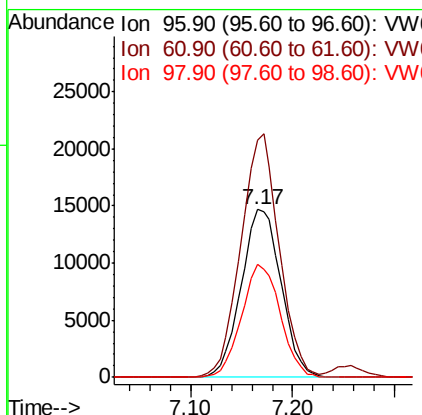
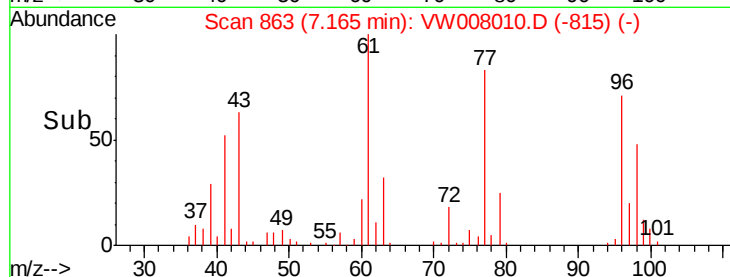
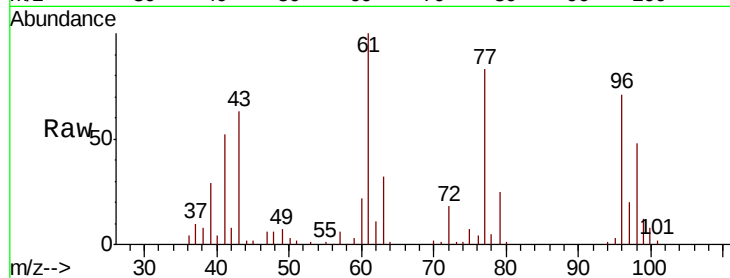


#27

cis-1,2-Dichloroethene
Concen: 47.269 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Instrument :
MSVOA_W
ClientSampled :
BFB

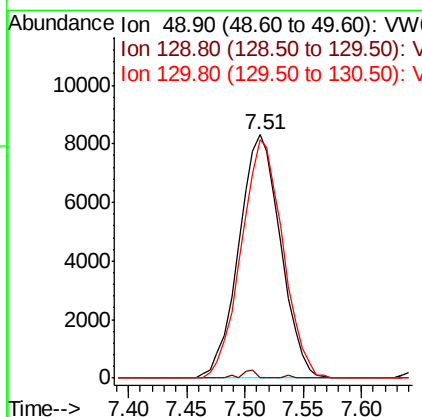
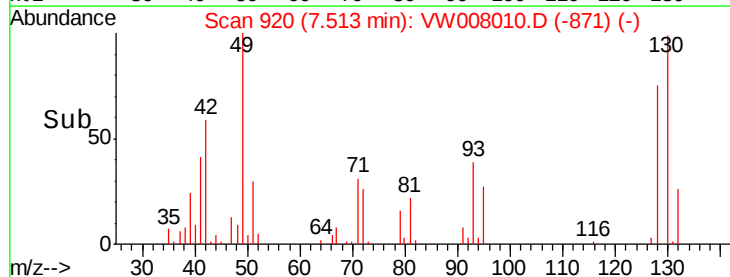
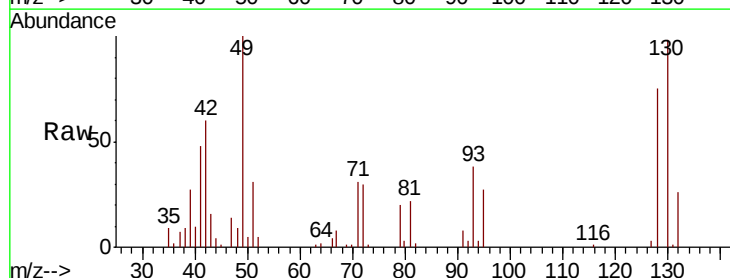
Tgt Ion: 96 Resp: 39857
Ion Ratio Lower Upper
96 100
61 139.8 0.0 286.4
98 65.1 0.0 130.6

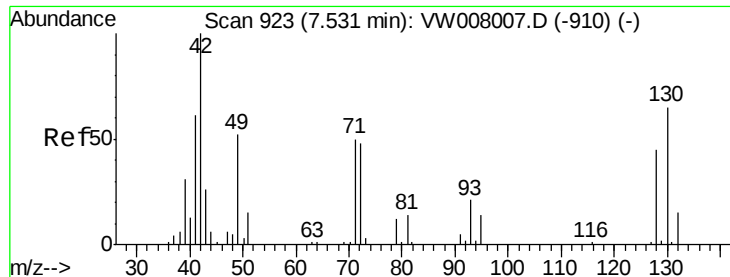


#28

Bromochloromethane
Concen: 49.007 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion: 49 Resp: 20705
Ion Ratio Lower Upper
49 100
129 1.1 0.0 0.8#
130 97.4 78.5 117.7





#29

Tetrahydrofuran

Concen: 242.562 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampled :

BFB

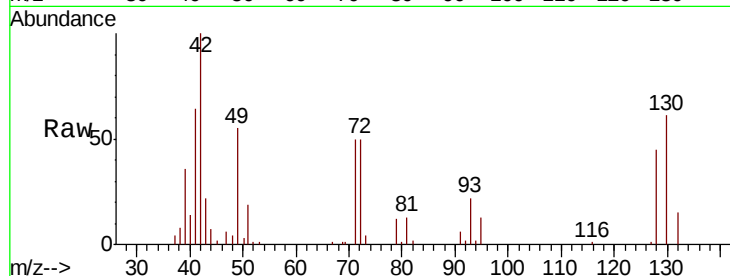
Tgt Ion: 42 Resp: 22025

Ion Ratio Lower Upper

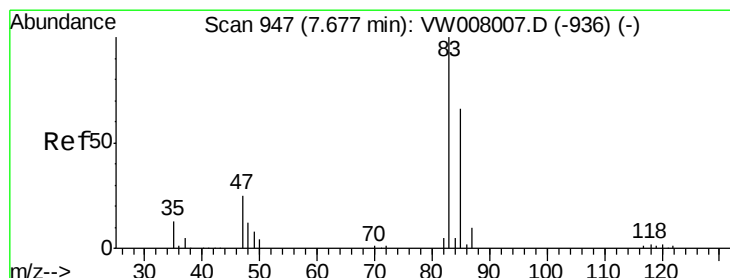
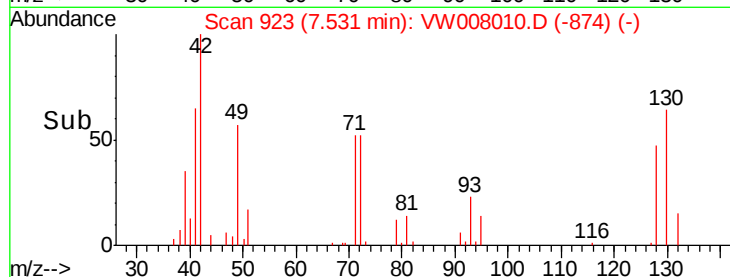
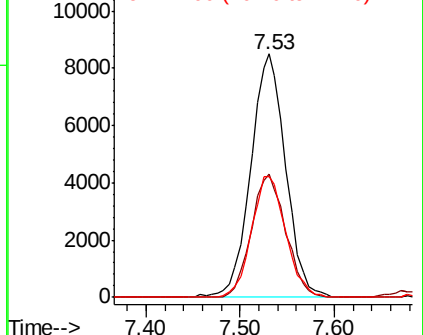
42 100

72 49.7 39.0 58.6

71 48.8 39.1 58.7



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



#30

Chloroform

Concen: 47.024 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW008010.D

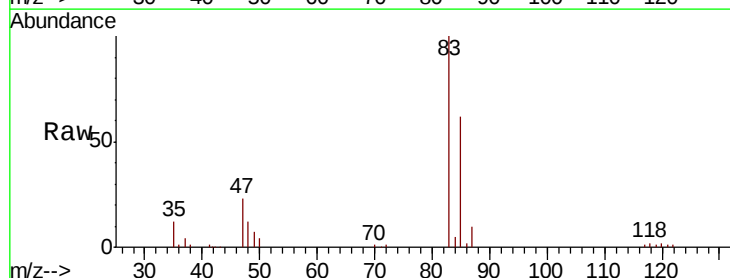
Acq: 02 Jan 2019 15:57

Tgt Ion: 83 Resp: 69276

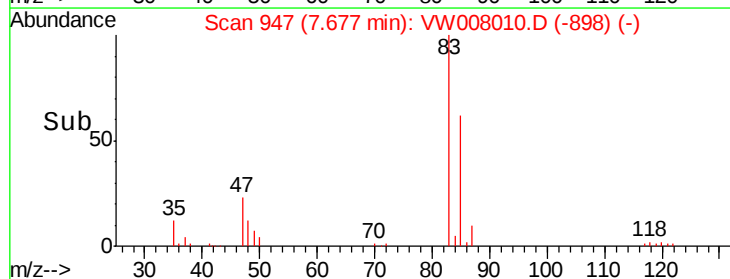
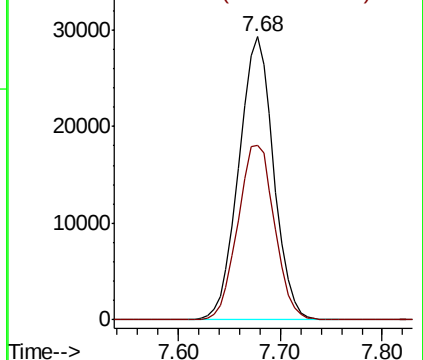
Ion Ratio Lower Upper

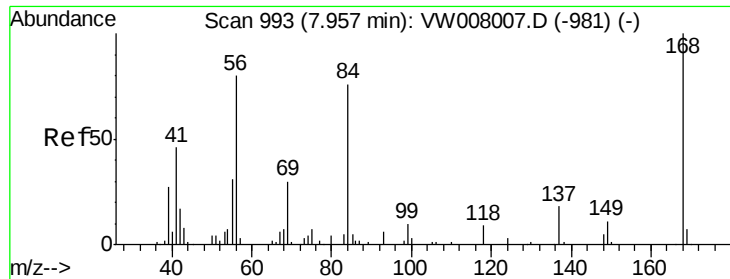
83 100

85 61.8 52.7 79.1



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

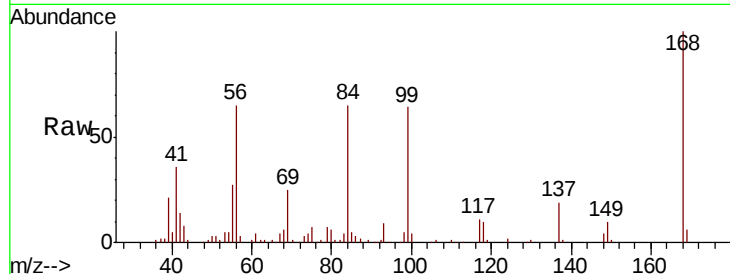




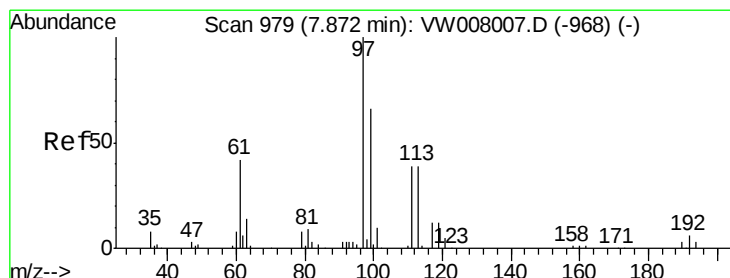
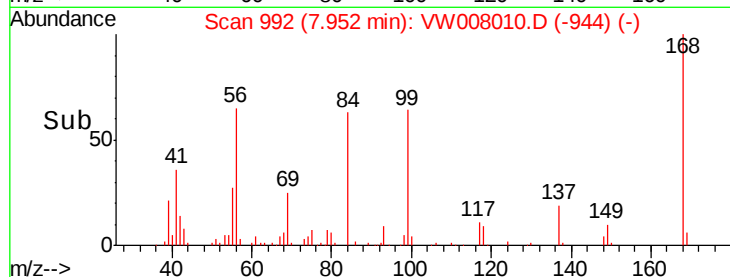
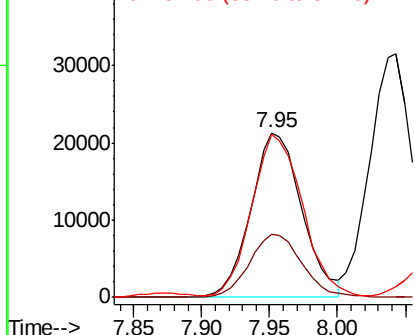
#31
Cyclohexane
Concen: 45.446 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 56 Resp: 55679
Ion Ratio Lower Upper
56 100
69 38.7 29.8 44.6
84 97.6 75.2 112.8

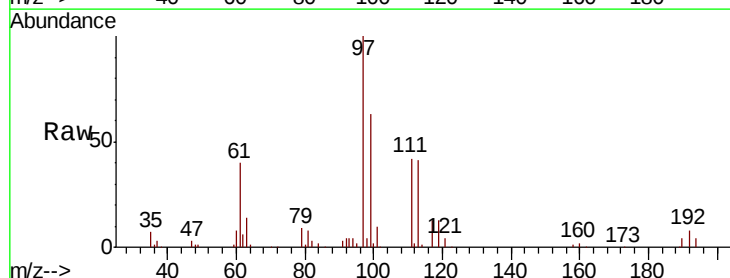


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

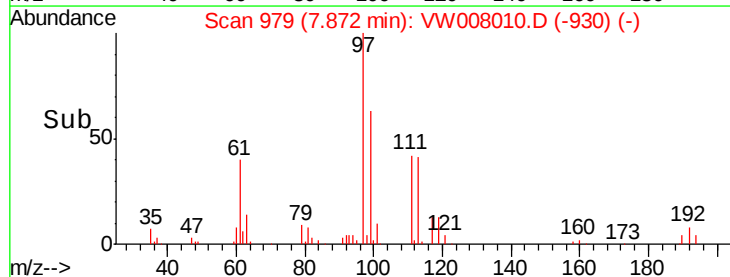
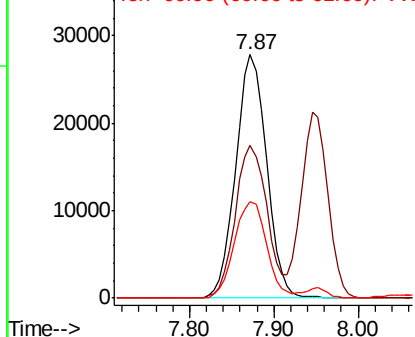


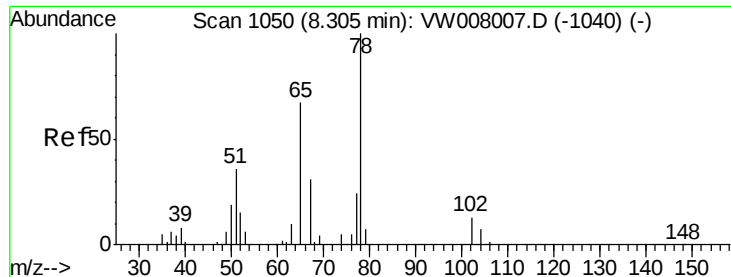
#32
1,1,1-Trichloroethane
Concen: 48.881 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion: 97 Resp: 68906
Ion Ratio Lower Upper
97 100
99 63.9 51.5 77.3
61 41.5 33.4 50.0



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 51.662 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampled :

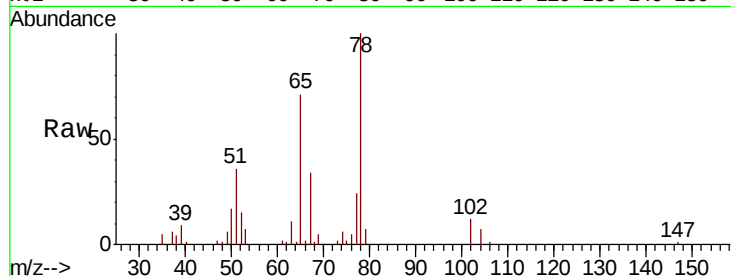
BFB

Tgt Ion: 65 Resp: 41408

Ion Ratio Lower Upper

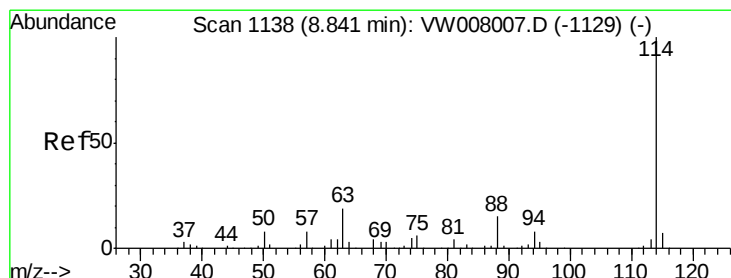
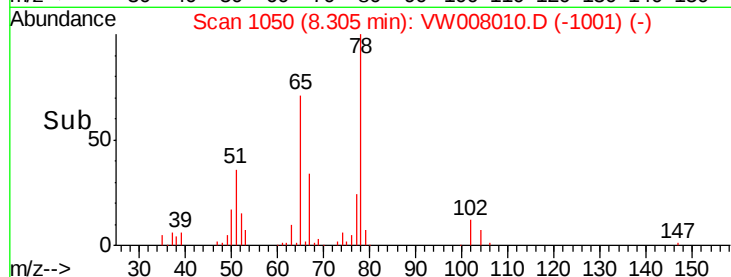
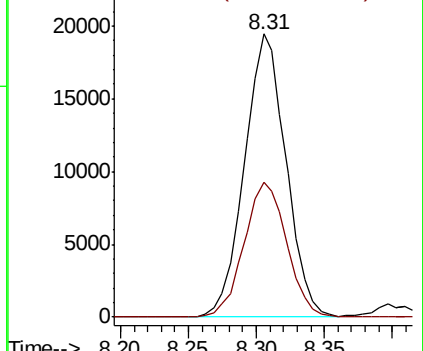
65 100

67 49.0 0.0 94.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

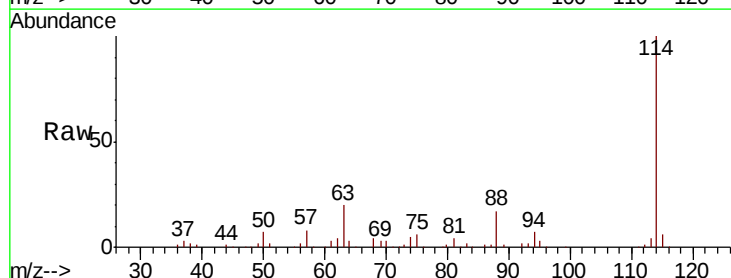
Tgt Ion: 114 Resp: 111333

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.8

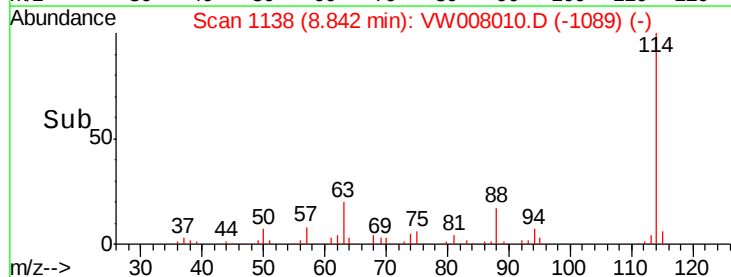
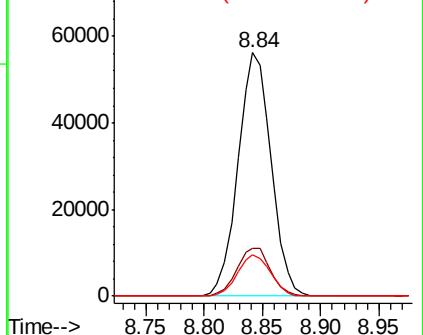
88 17.1 0.0 31.0

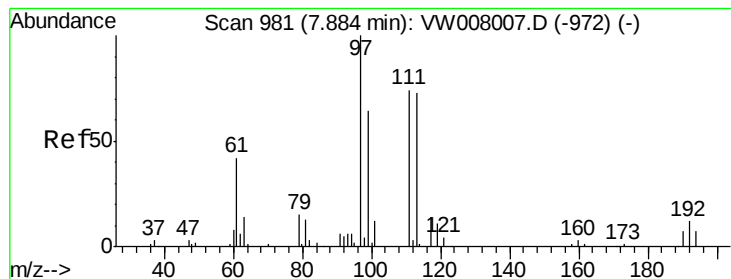


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 52.897 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

BFB

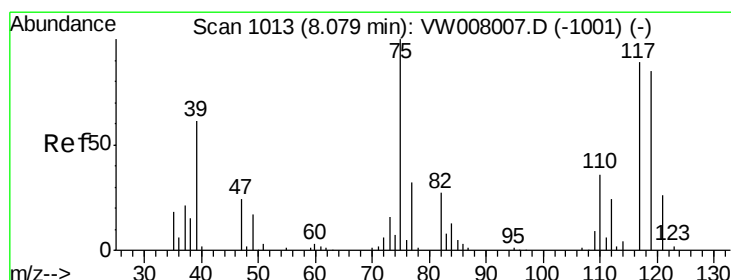
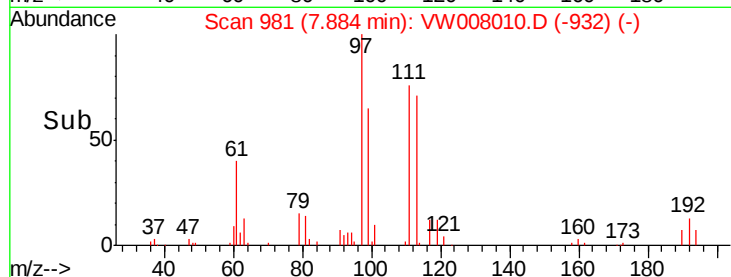
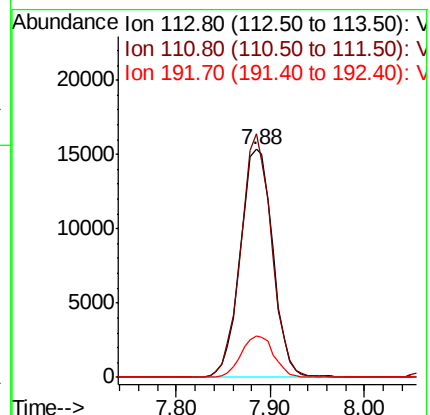
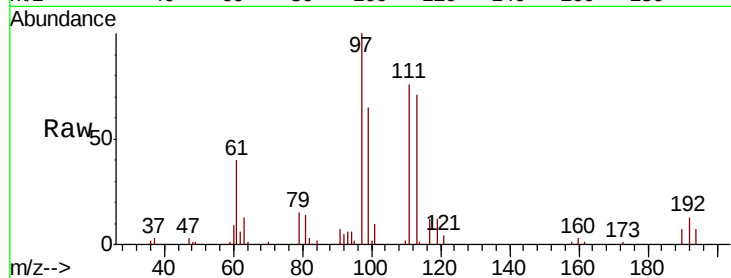
Tgt Ion:113 Resp: 37126

Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

192 18.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 50.154 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

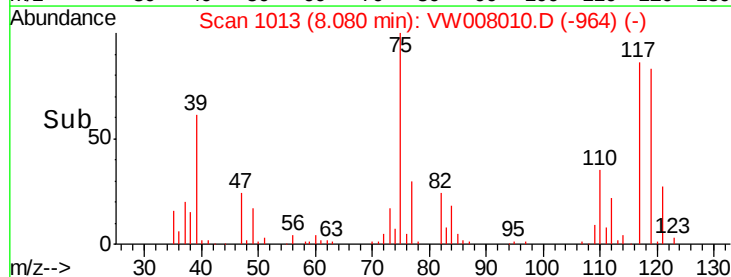
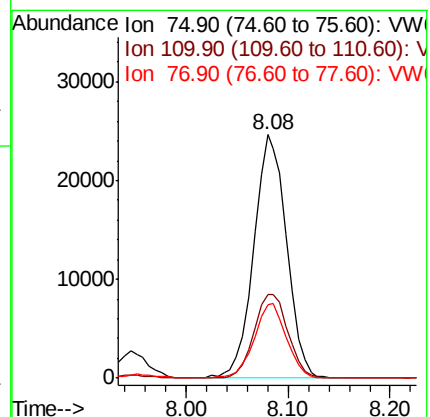
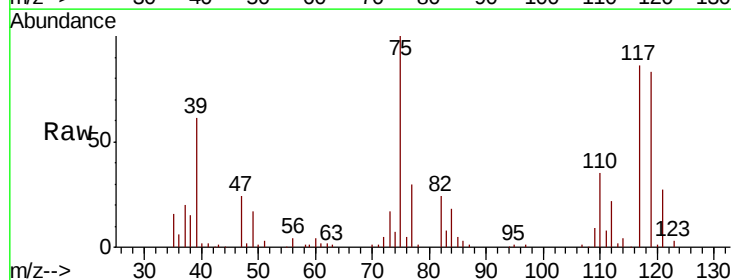
Tgt Ion: 75 Resp: 55082

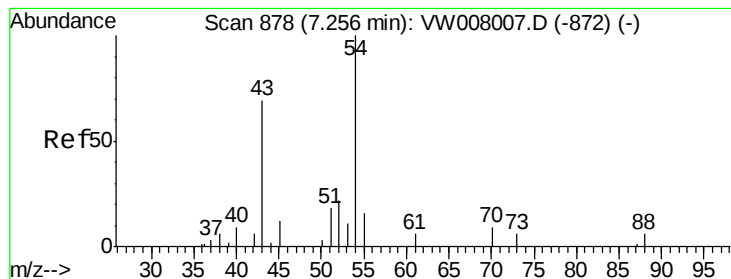
Ion Ratio Lower Upper

75 100

110 35.8 18.1 54.3

77 30.2 25.3 37.9





#37

Ethyl Acetate

Concen: 48.377 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampled :

BFB

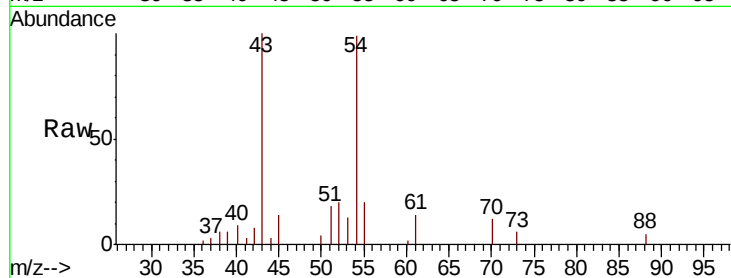
Tgt Ion: 43 Resp: 15959

Ion Ratio Lower Upper

43 100

61 13.8 11.4 17.2

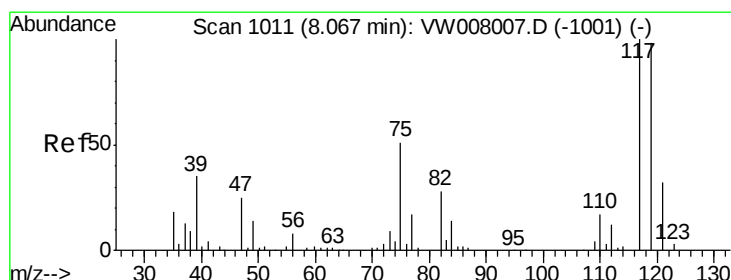
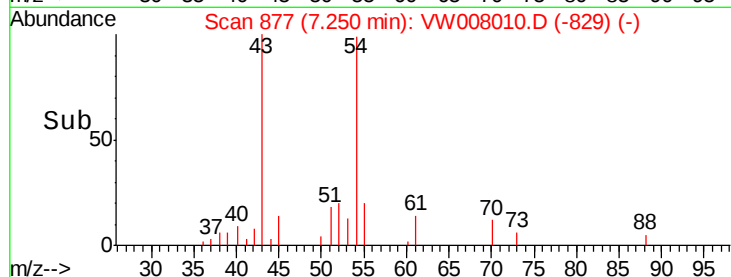
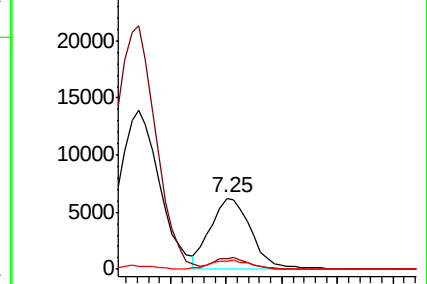
70 12.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 50.535 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

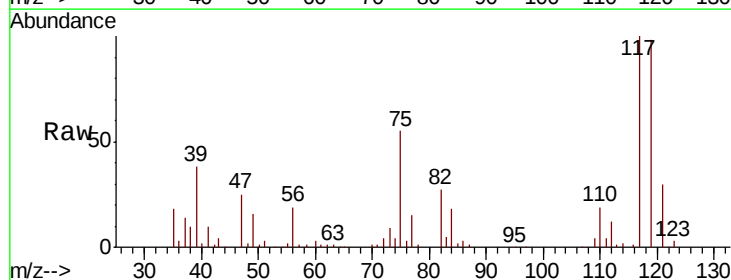
Tgt Ion: 117 Resp: 66514

Ion Ratio Lower Upper

117 100

119 97.6 78.7 118.1

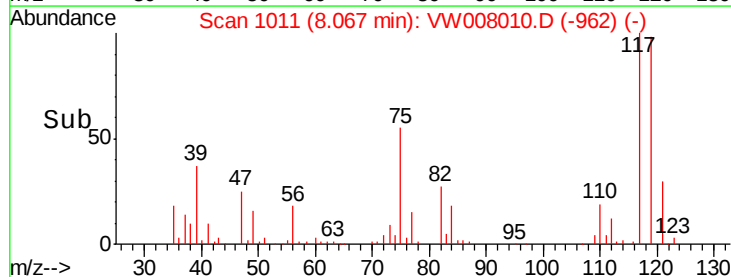
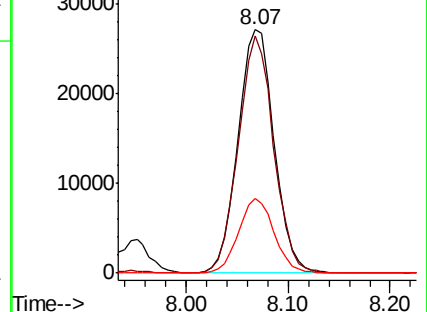
121 30.4 25.8 38.8

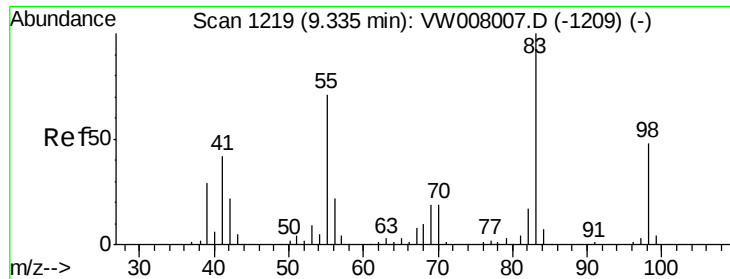


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 48.253 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampled :

BFB

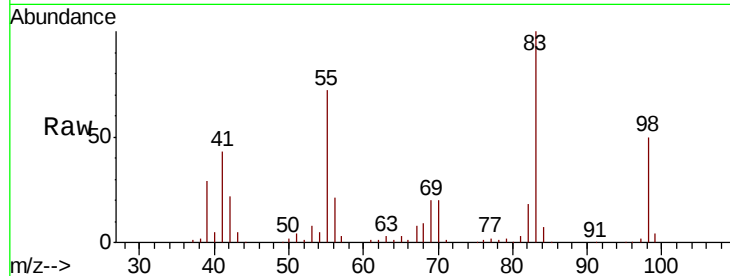
Tgt Ion: 83 Resp: 66057

Ion Ratio Lower Upper

83 100

55 72.0 56.8 85.2

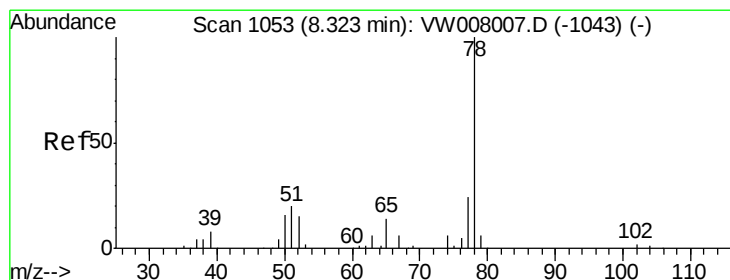
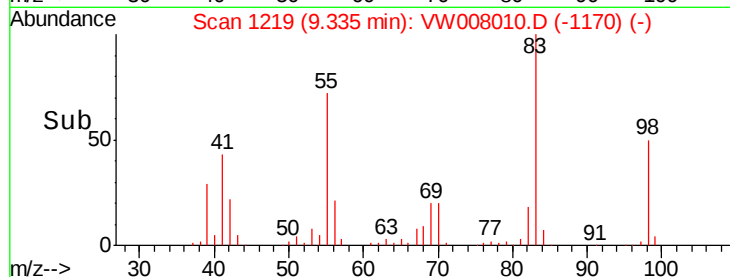
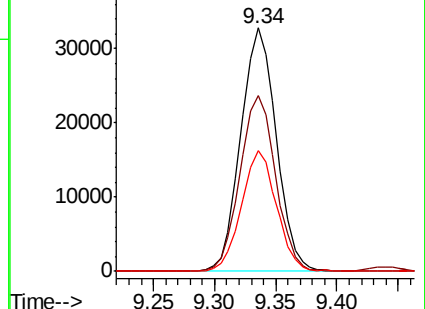
98 49.5 38.6 58.0



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 48.534 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW008010.D

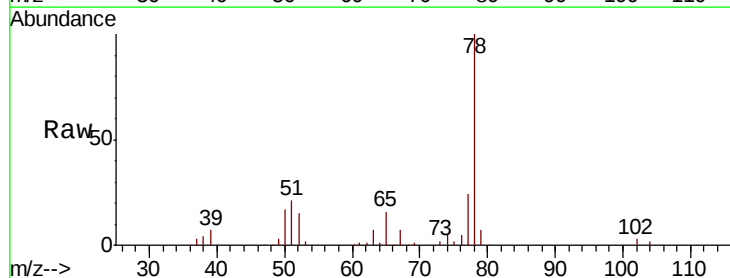
Acq: 02 Jan 2019 15:57

Tgt Ion: 78 Resp: 140617

Ion Ratio Lower Upper

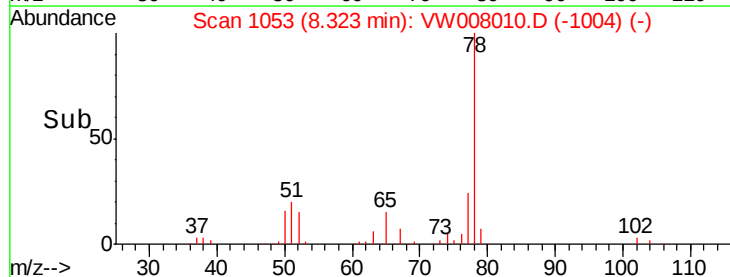
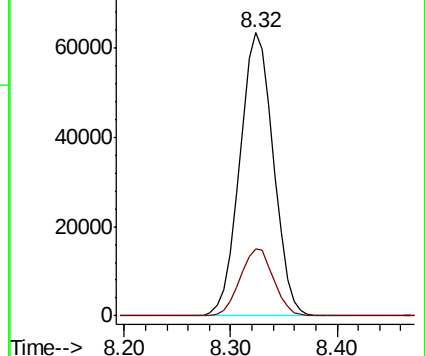
78 100

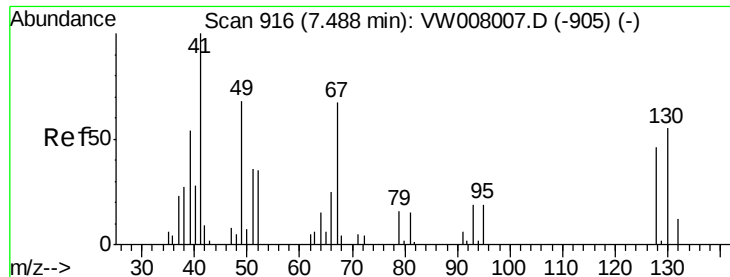
77 23.6 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

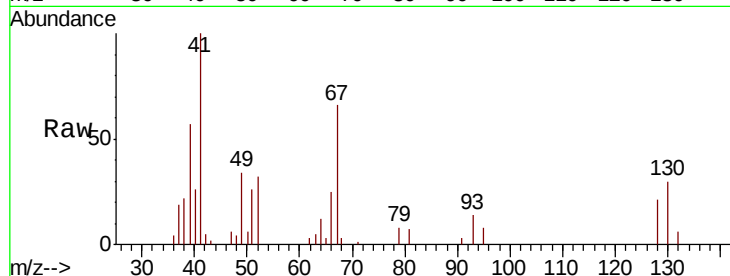




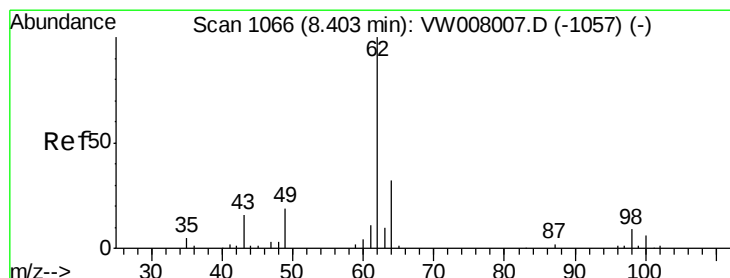
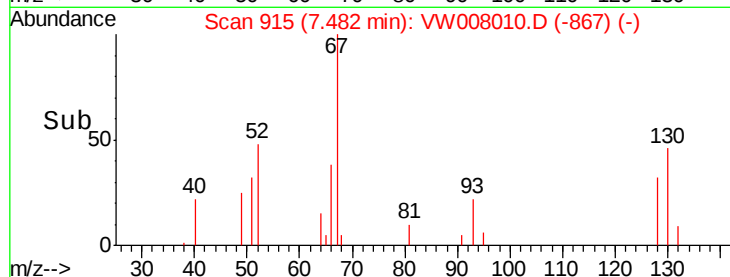
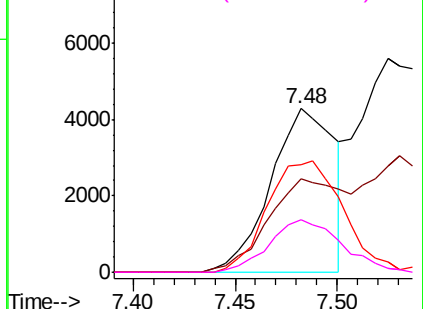
#41
Methacrylonitrile
Concen: 48.185 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion:	41	Resp:	9346
Ion	Ratio	Lower	Upper
41	100		
39	68.9	48.6	72.8
67	80.4	55.6	83.4
52	36.0	25.9	38.9

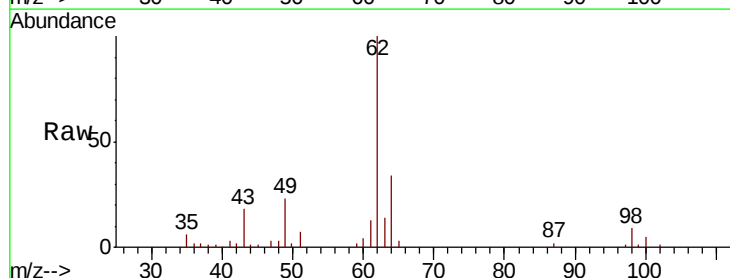


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

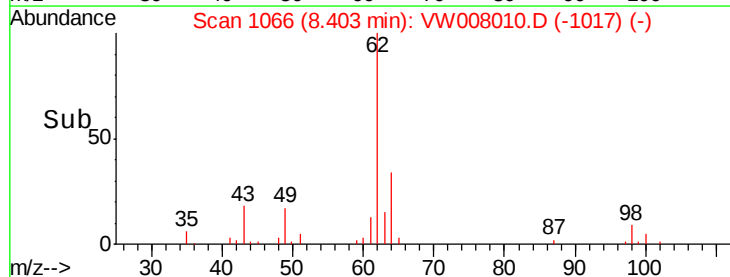
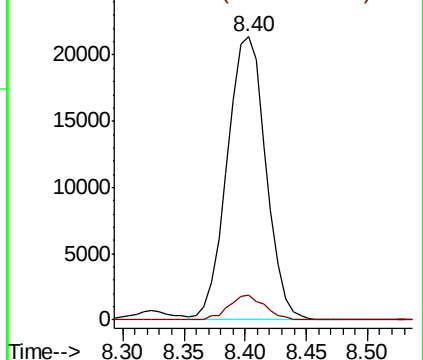


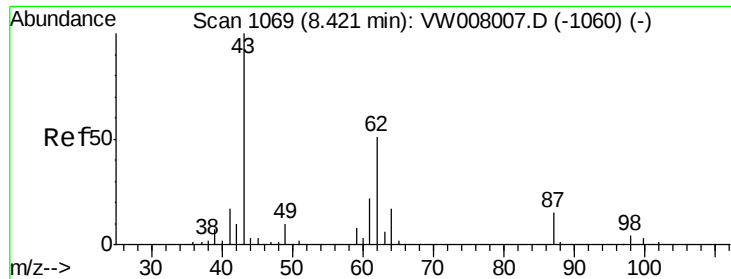
#42
1,2-Dichloroethane
Concen: 48.572 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion:	62	Resp:	46888
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 50.371 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

BFB

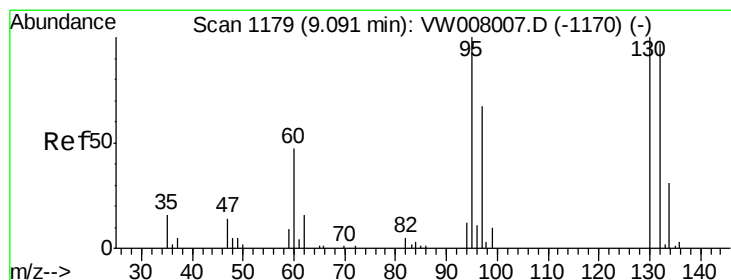
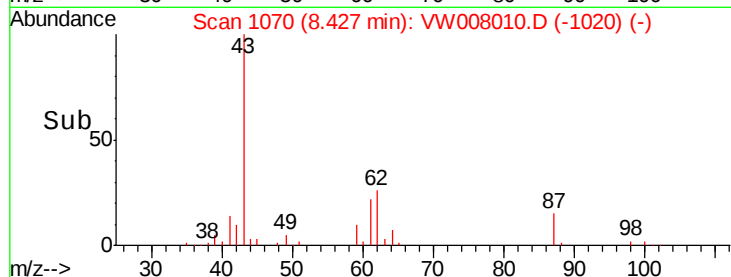
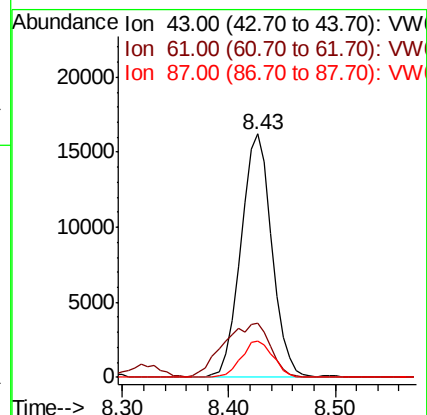
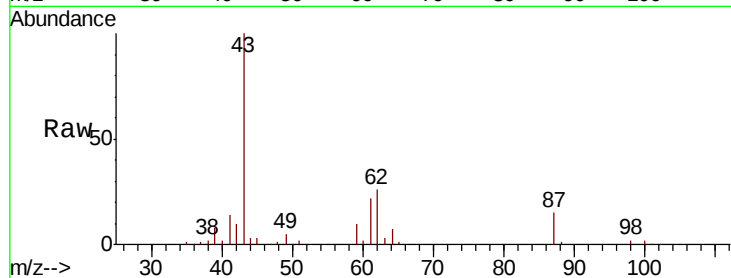
Tgt Ion: 43 Resp: 33202

Ion Ratio Lower Upper

43 100

61 33.2 26.4 39.6

87 15.2 12.0 18.0



#44

Trichloroethene

Concen: 48.642 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008010.D

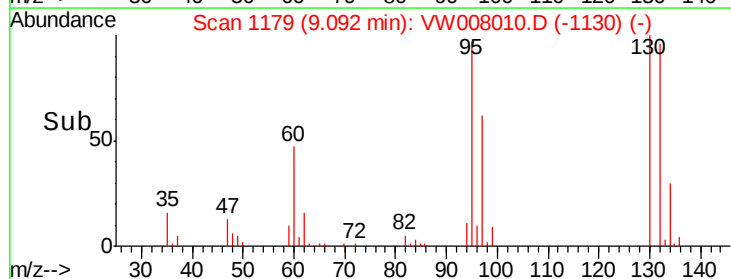
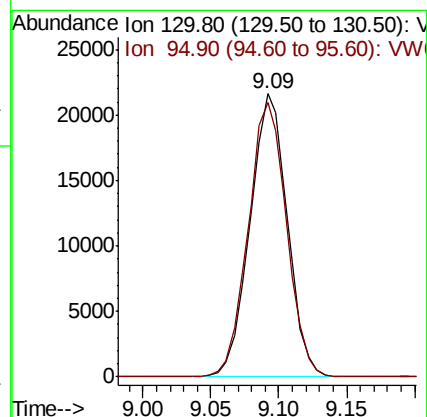
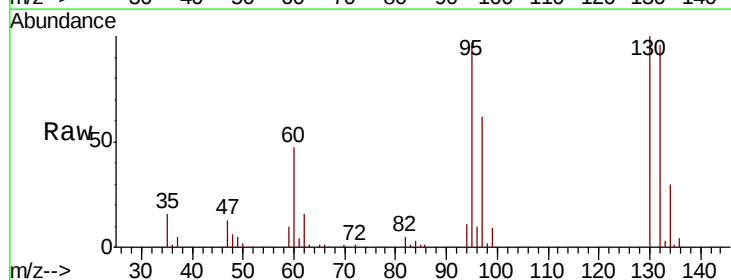
Acq: 02 Jan 2019 15:57

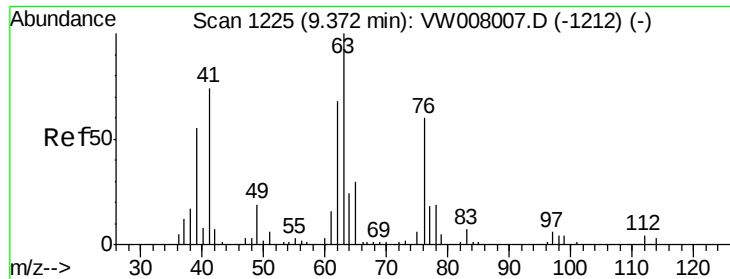
Tgt Ion: 130 Resp: 41588

Ion Ratio Lower Upper

130 100

95 97.0 0.0 200.0

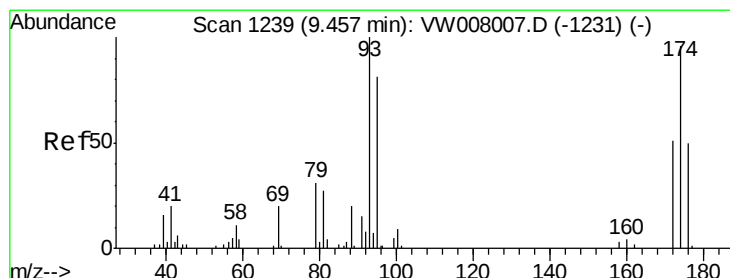
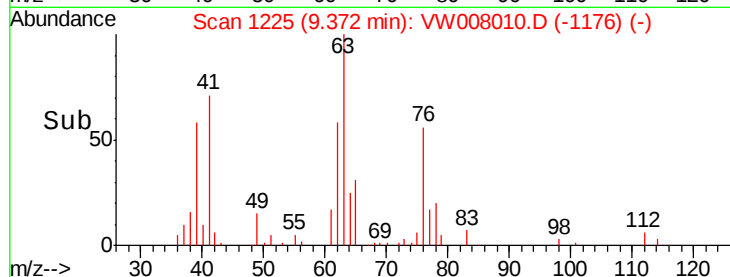
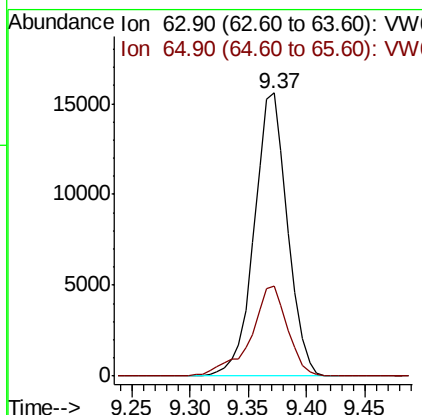
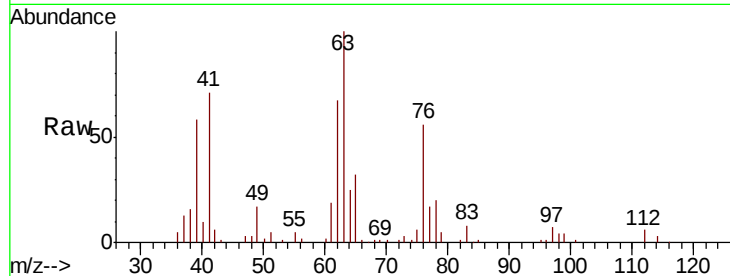




#45
 1,2-Dichloropropane
 Concen: 49.446 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

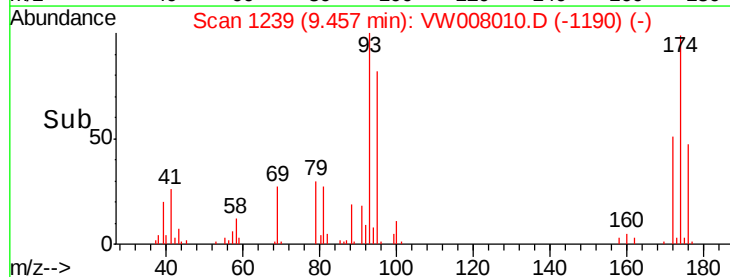
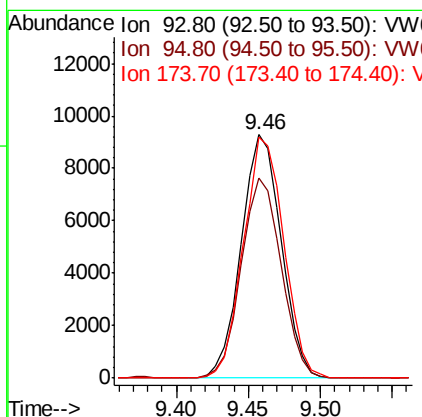
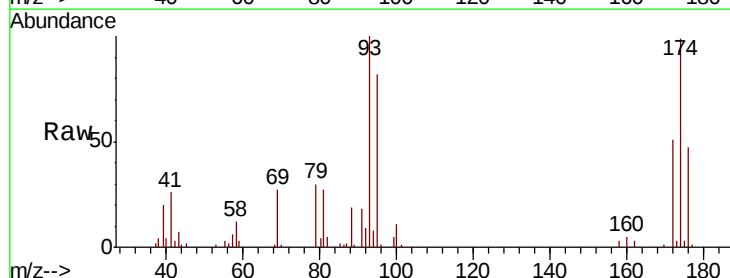
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

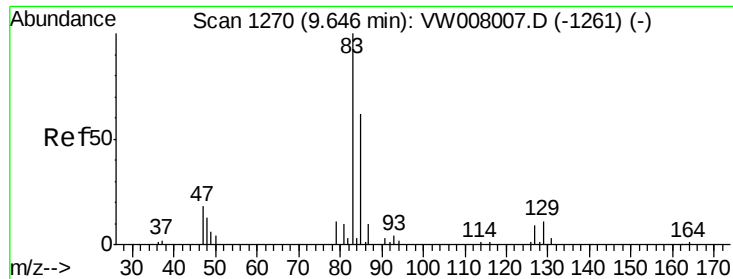
Tgt Ion: 63 Resp: 31009
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.2 36.4



#46
 Dibromomethane
 Concen: 48.757 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Tgt Ion: 93 Resp: 17877
 Ion Ratio Lower Upper
 93 100
 95 82.0 63.9 95.9
 174 99.7 79.0 118.6





#47

Bromodichloromethane

Concen: 47.835 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

BFB

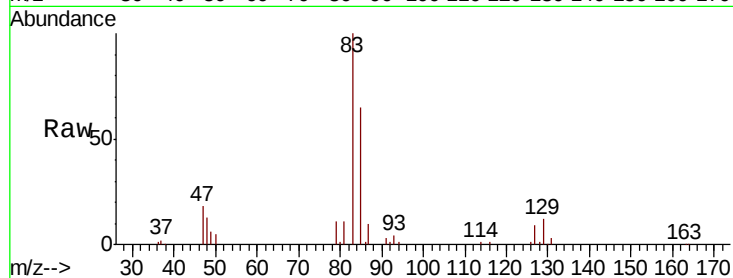
Tgt Ion: 83 Resp: 49125

Ion Ratio Lower Upper

83 100

85 65.2 49.5 74.3

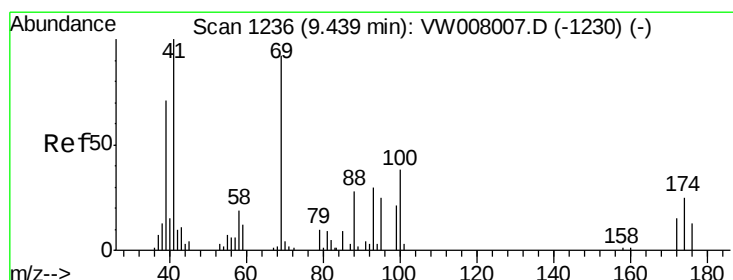
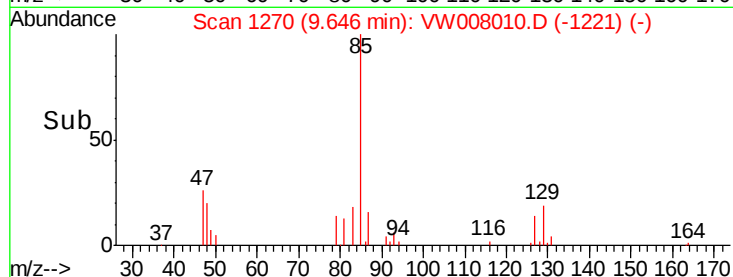
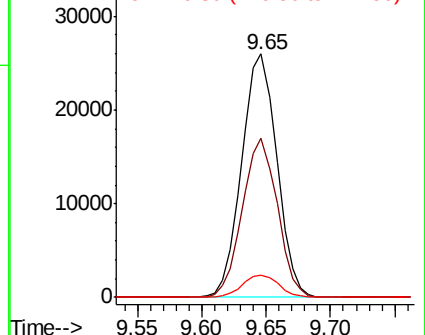
127 9.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 49.138 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

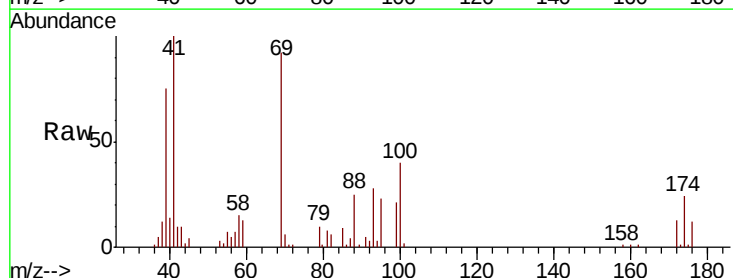
Tgt Ion: 41 Resp: 16331

Ion Ratio Lower Upper

41 100

69 94.2 72.3 108.5

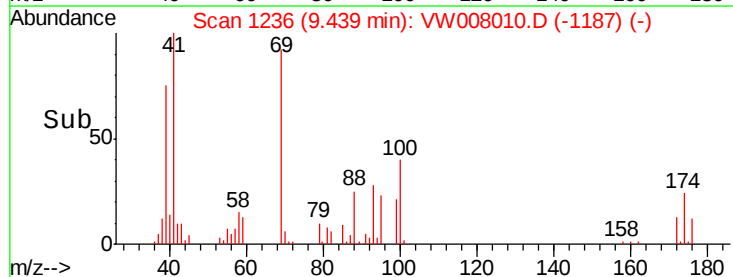
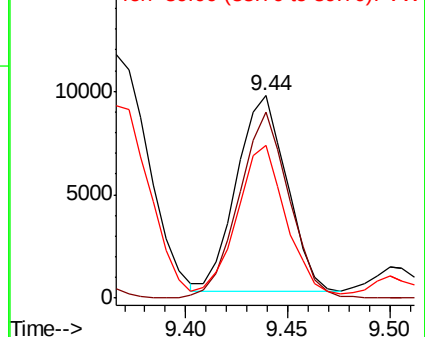
39 72.2 58.7 88.1

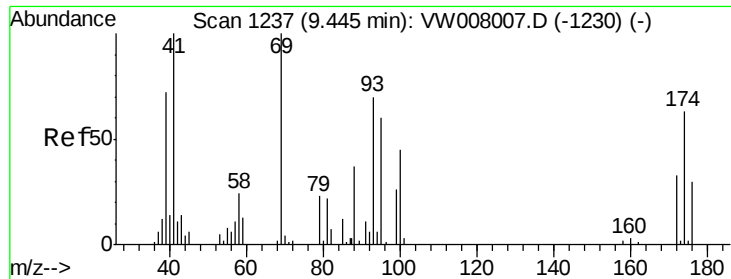


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

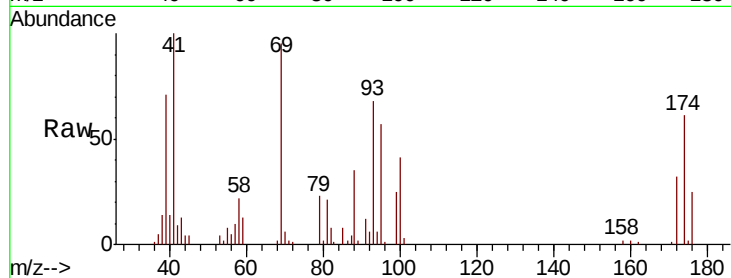




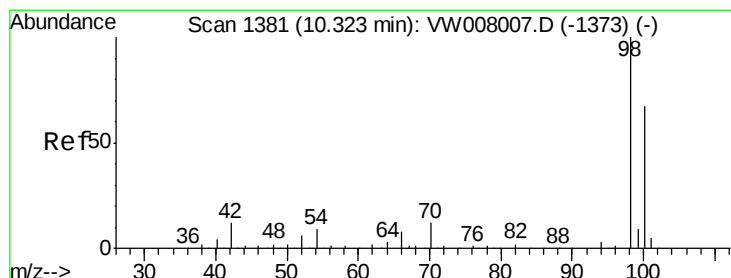
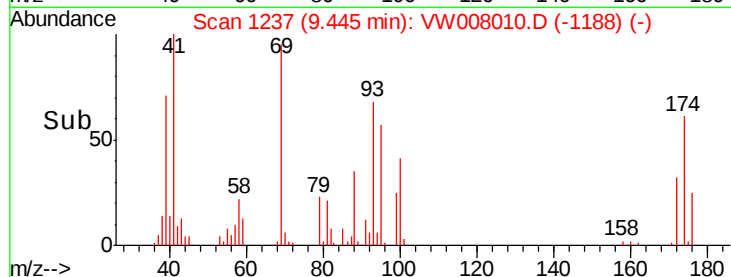
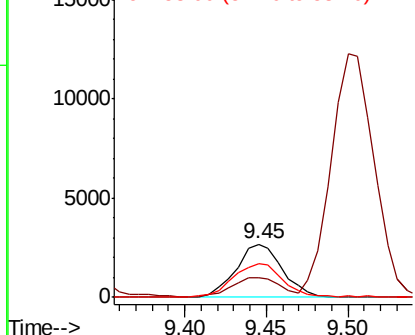
#49
1,4-Dioxane
Concen: 971.620 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion: 88 Resp: 5272
Ion Ratio Lower Upper
88 100
43 39.1 26.8 40.2
58 67.5 55.8 83.6

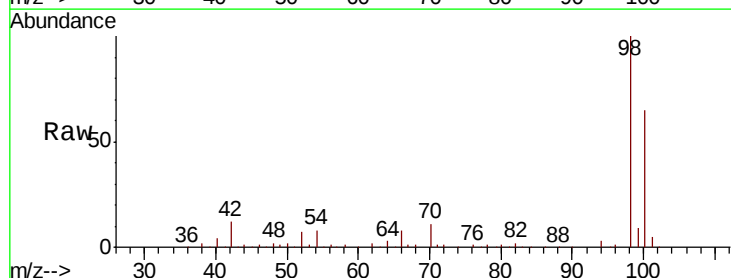


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

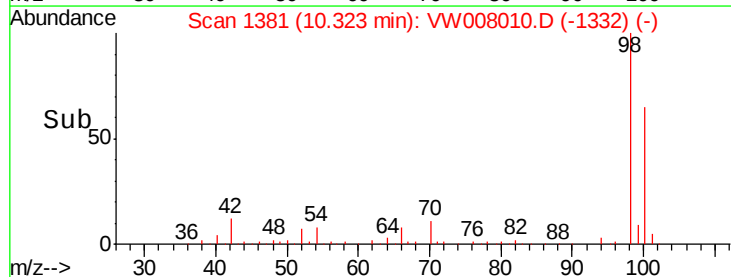
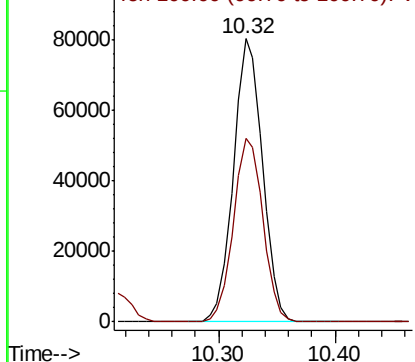


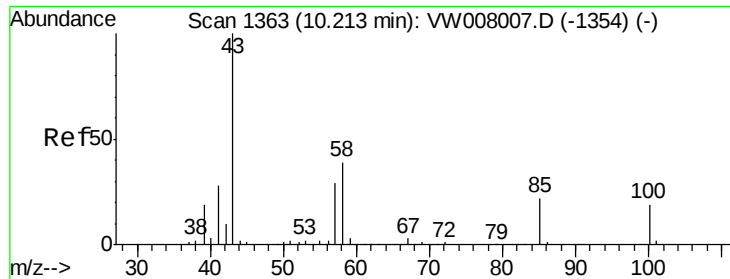
#50
Toluene-d8
Concen: 53.137 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion: 98 Resp: 139899
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

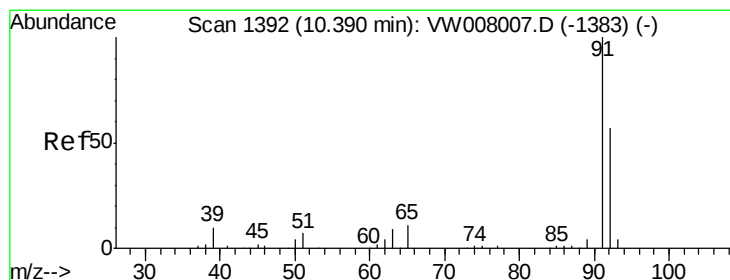
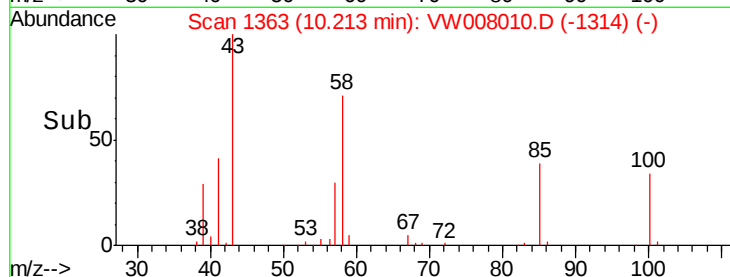
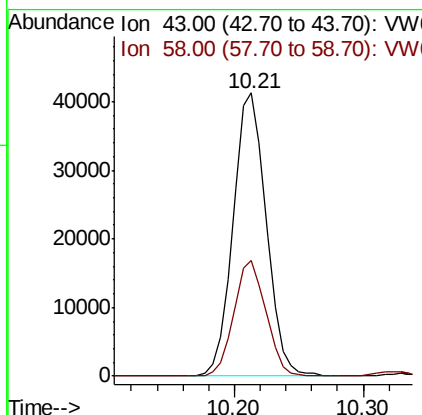
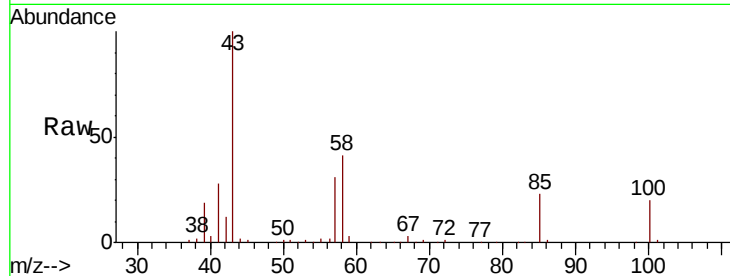




#51
 4-Methyl-2-Pentanone
 Concen: 241.170 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

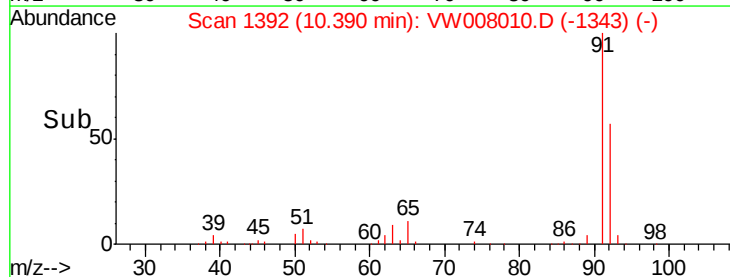
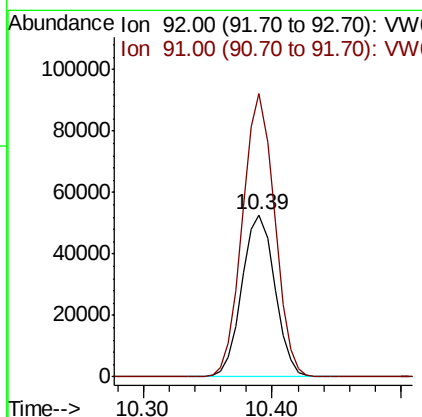
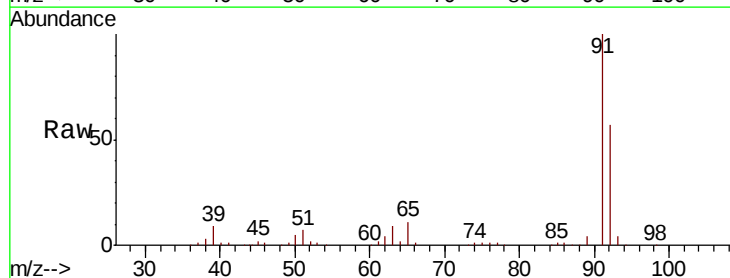
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

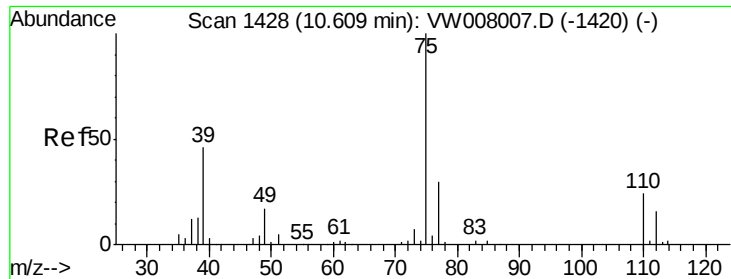
Tgt Ion: 43 Resp: 73584
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.0 48.0



#52
 Toluene
 Concen: 48.650 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Tgt Ion: 92 Resp: 93053
 Ion Ratio Lower Upper
 92 100
 91 170.7 136.9 205.3

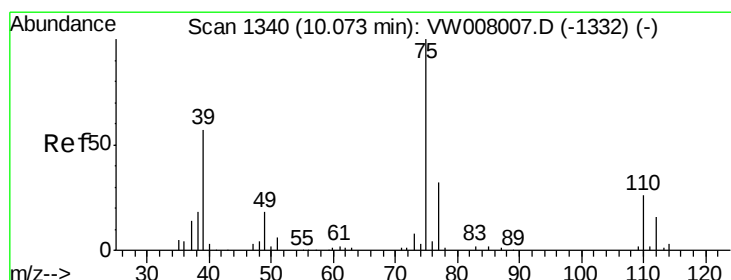
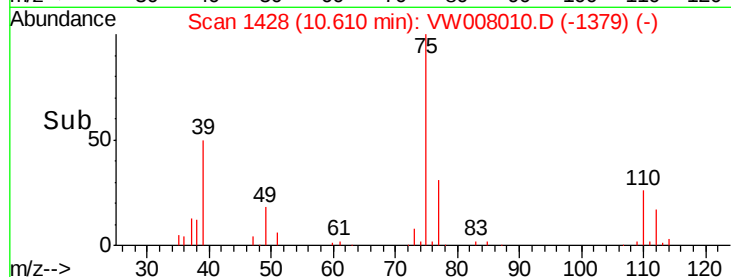
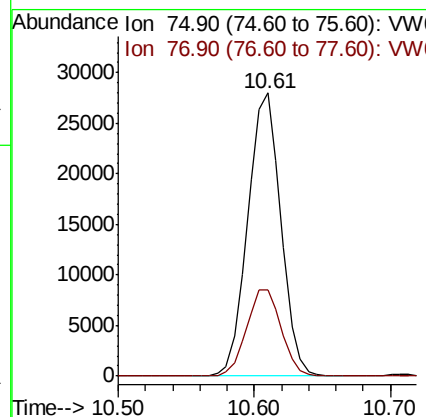
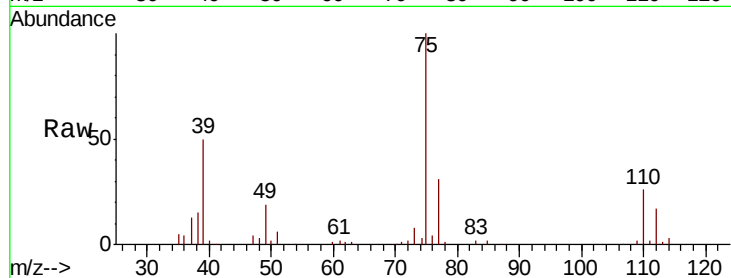




#53
 t-1,3-Dichloropropene
 Concen: 48.348 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

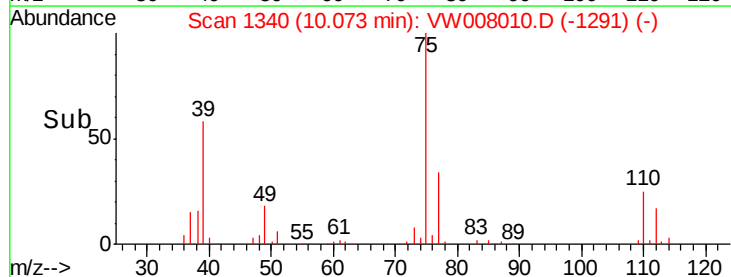
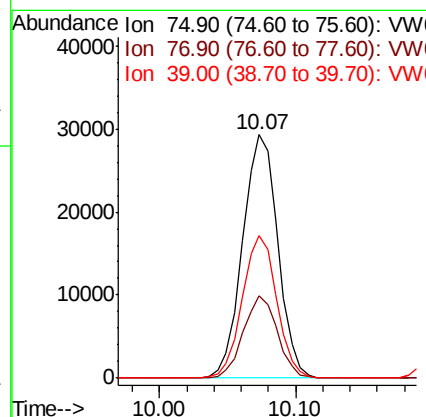
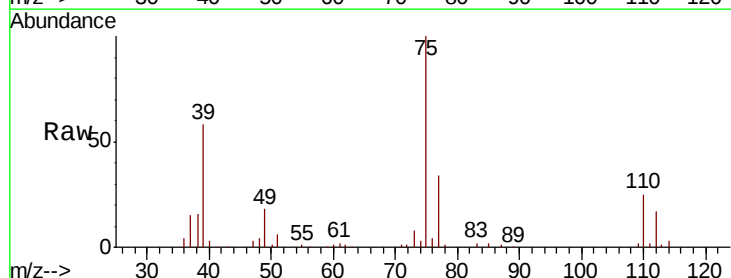
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

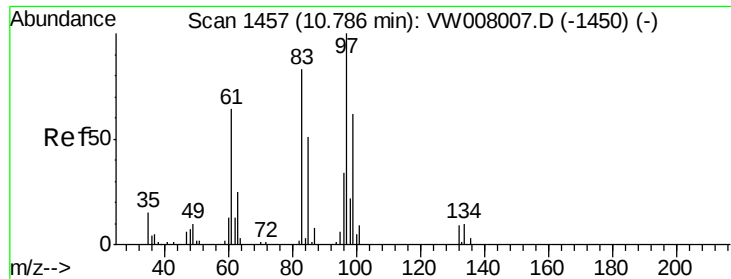
Tgt Ion: 75 Resp: 47744
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.104 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Tgt Ion: 75 Resp: 53008
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.9 38.9
 39 58.4 45.4 68.0

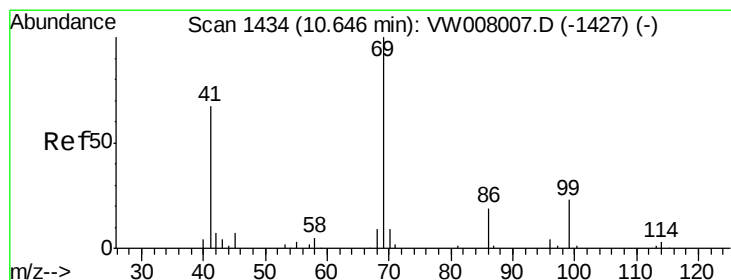
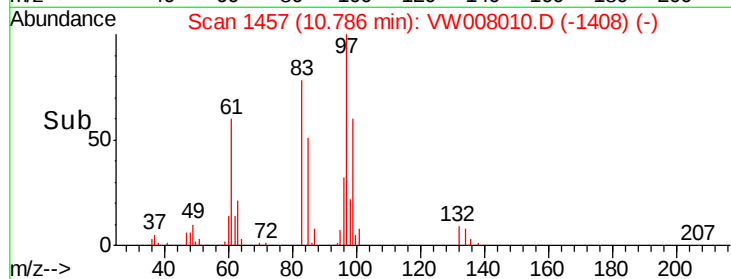
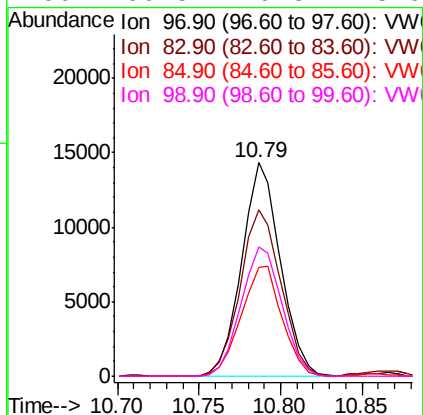
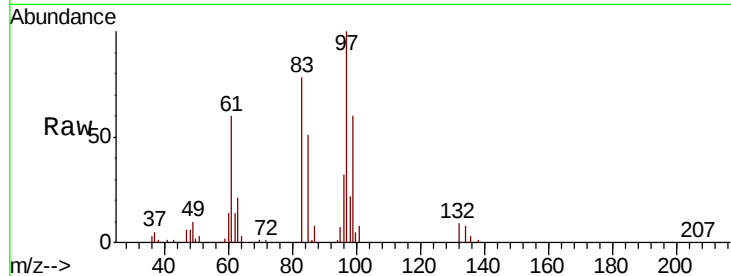




#55
 1,1,2-Trichloroethane
 Concen: 47.584 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

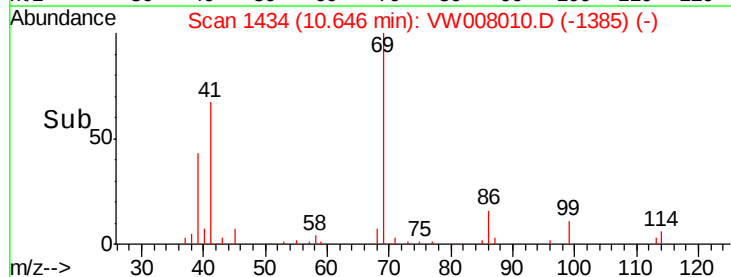
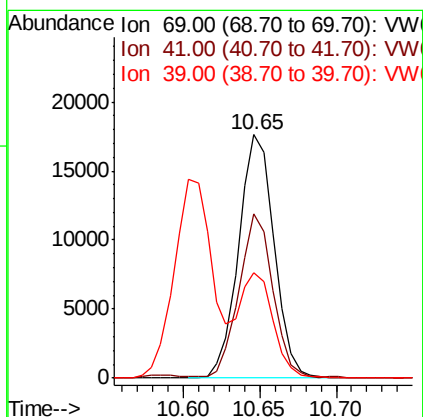
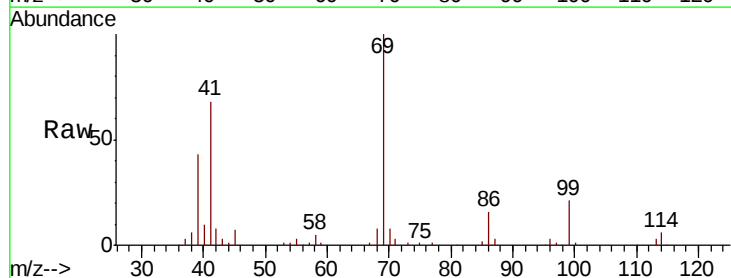
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

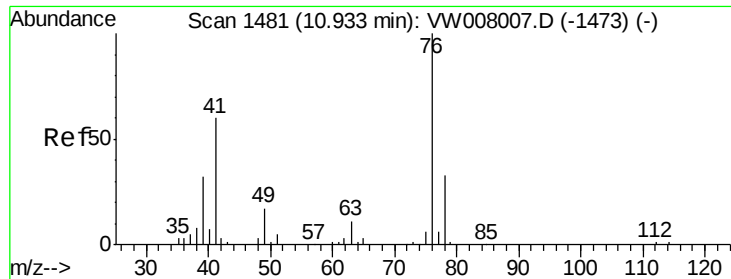
Tgt Ion:	97	Resp:	23622
Ion	Ratio	Lower	Upper
97	100		
83	78.0	66.2	99.2
85	51.1	41.0	61.4
99	60.5	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 50.547 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Tgt Ion:	69	Resp:	28368
Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.6	79.0
39	42.3	35.8	53.6

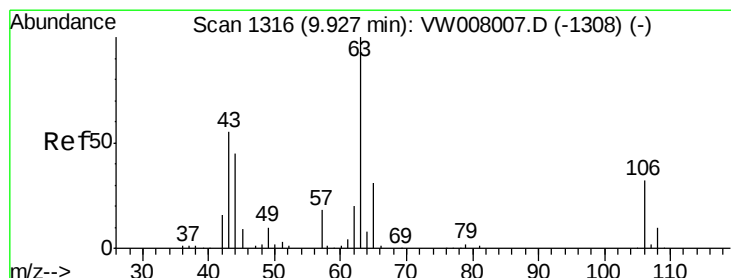
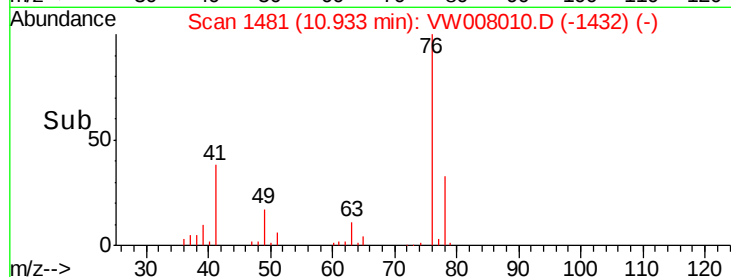
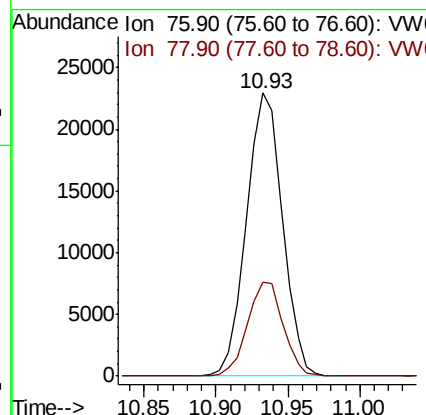
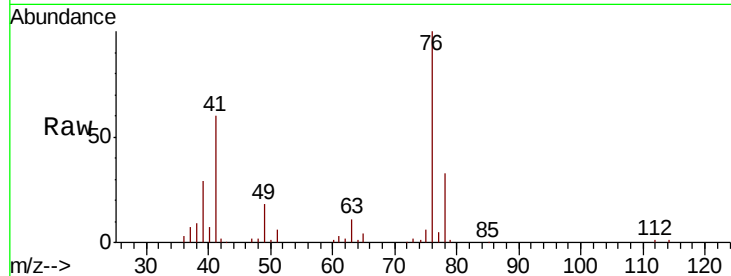




#57
 1,3-Dichloropropane
 Concen: 47.079 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

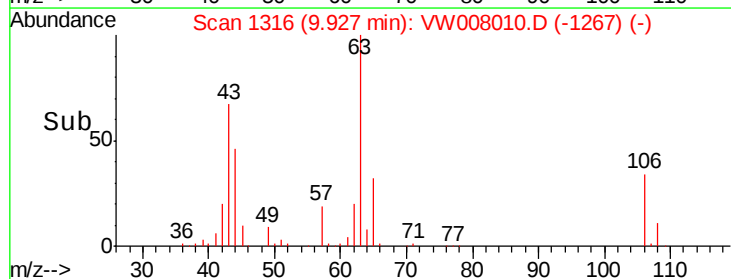
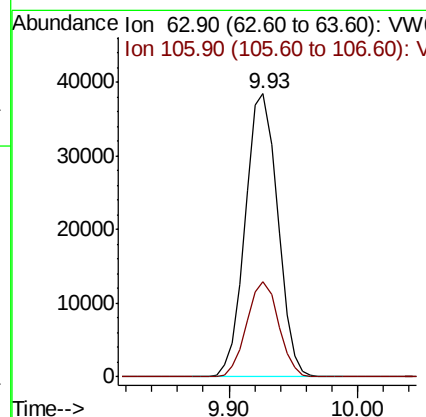
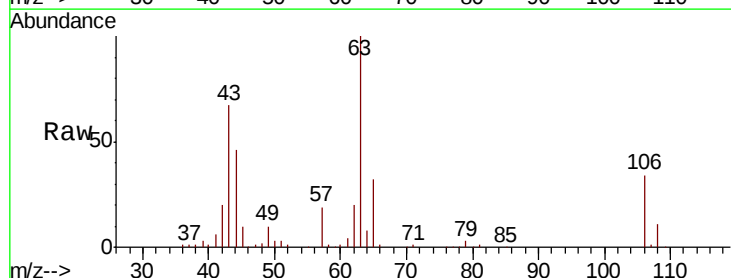
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

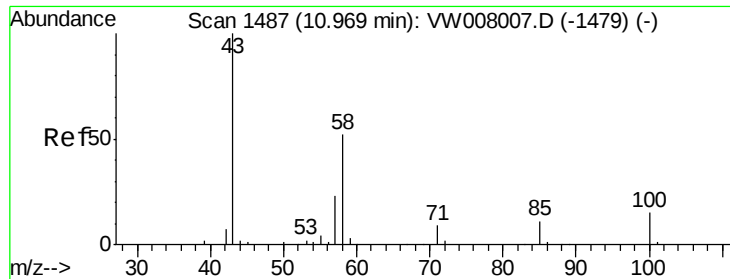
Tgt Ion: 76 Resp: 39713
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.7 40.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.040 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Tgt Ion: 63 Resp: 67084
 Ion Ratio Lower Upper
 63 100
 106 33.1 26.9 40.3

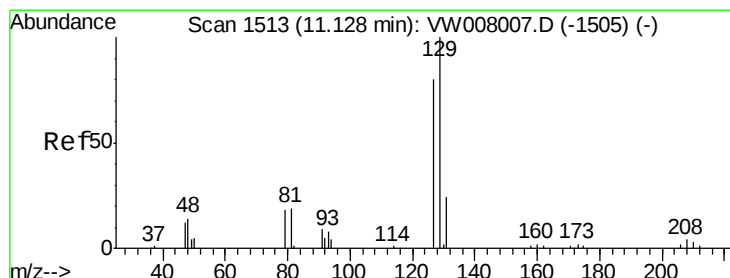
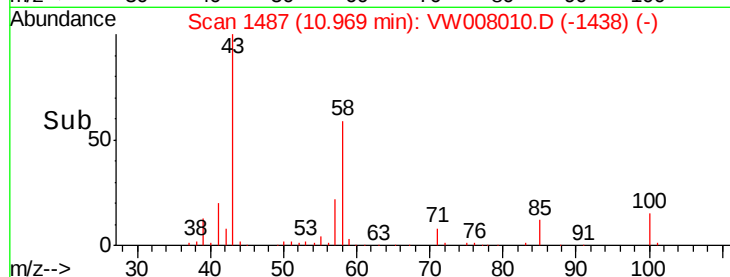
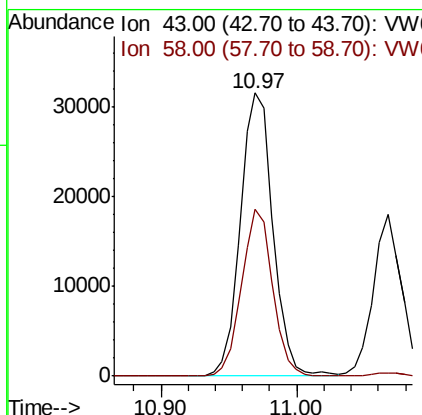
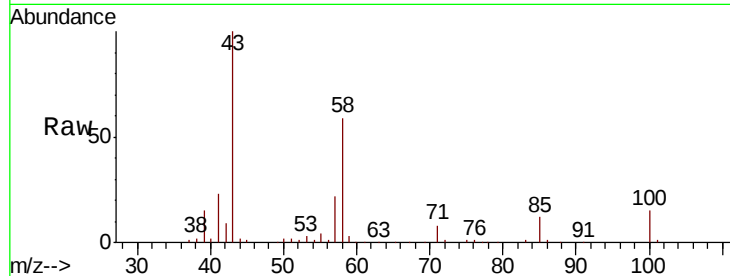




#59
2-Hexanone
Concen: 250.469 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

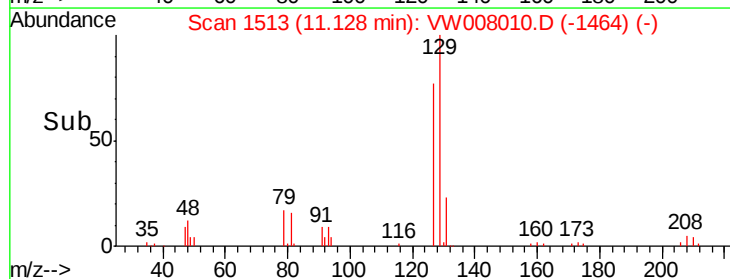
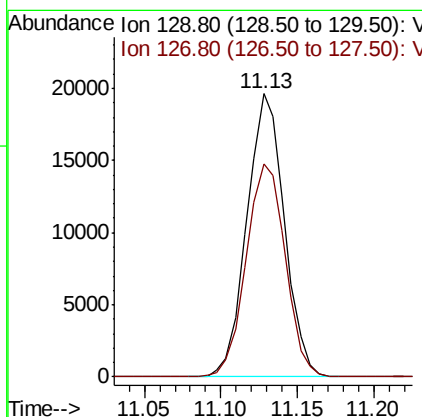
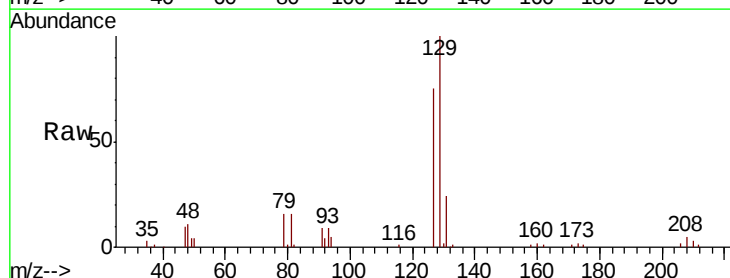
Instrument :
MSVOA_W
ClientSampleId :
BFB

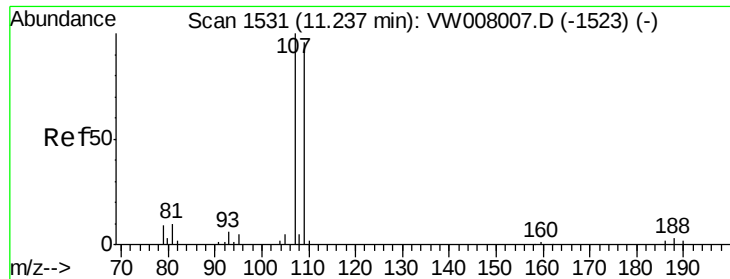
Tgt Ion: 43 Resp: 52758
Ion Ratio Lower Upper
43 100
58 56.4 27.1 81.2



#60
Dibromochloromethane
Concen: 49.203 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion: 129 Resp: 33435
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0

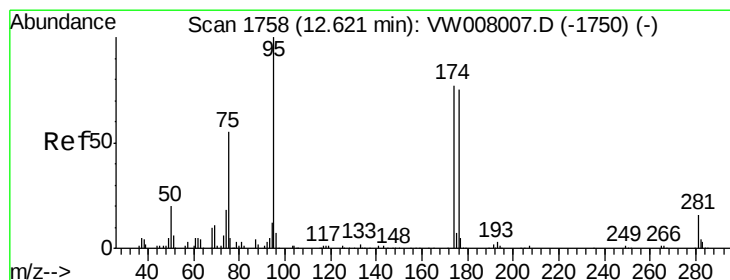
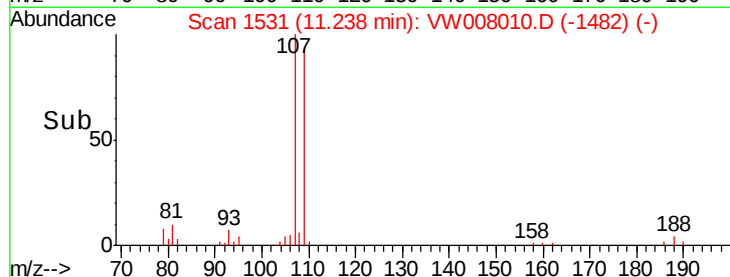
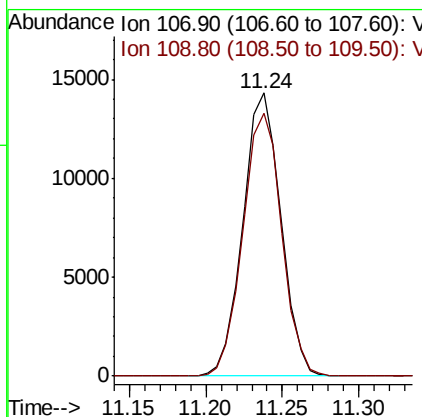
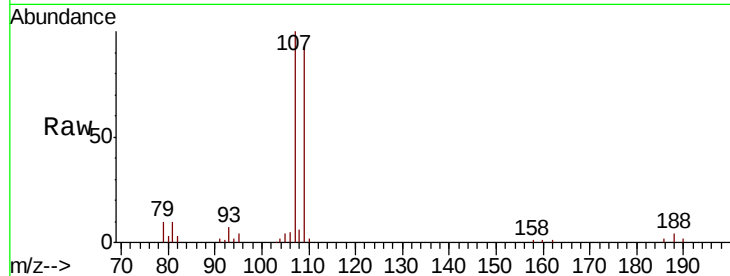




#61
 1,2-Dibromoethane
 Concen: 49.614 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

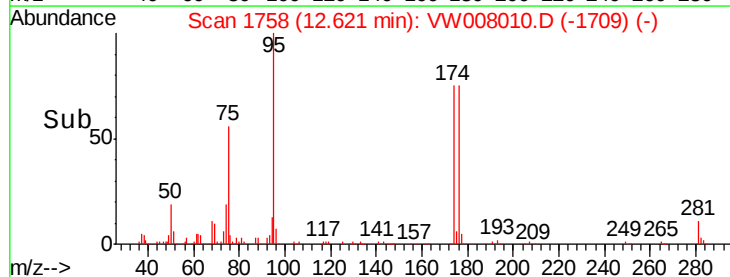
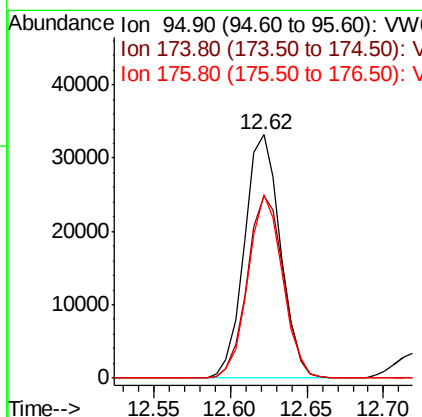
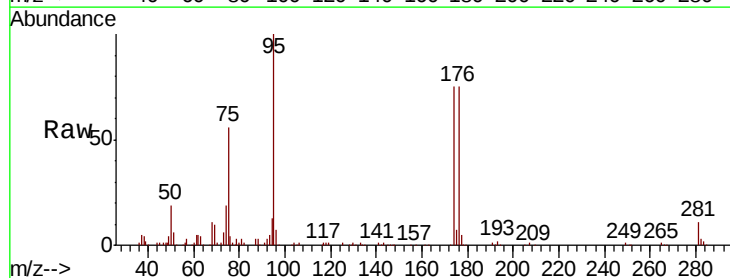
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

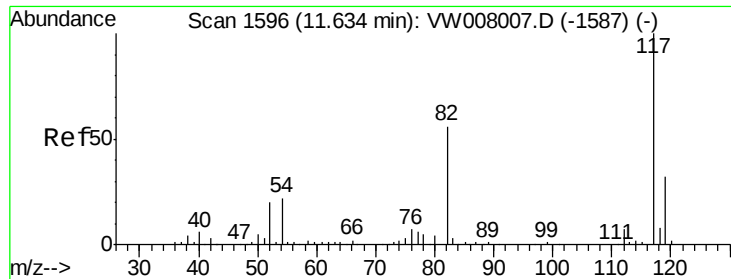
Tgt Ion: 107 Resp: 24648
 Ion Ratio Lower Upper
 107 100
 109 95.2 77.2 115.8



#62
 4-Bromofluorobenzene
 Concen: 53.590 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Tgt Ion: 95 Resp: 54110
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 149.6
 176 72.6 0.0 145.4

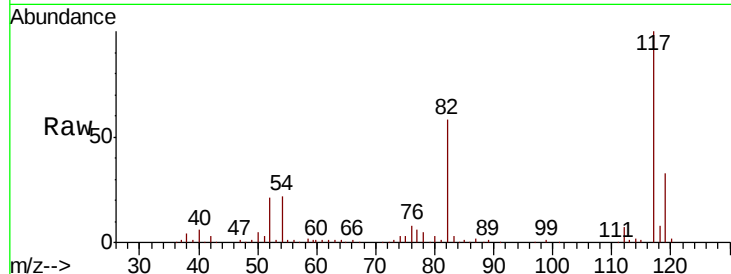




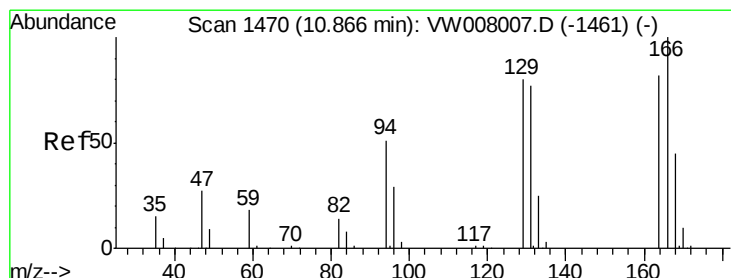
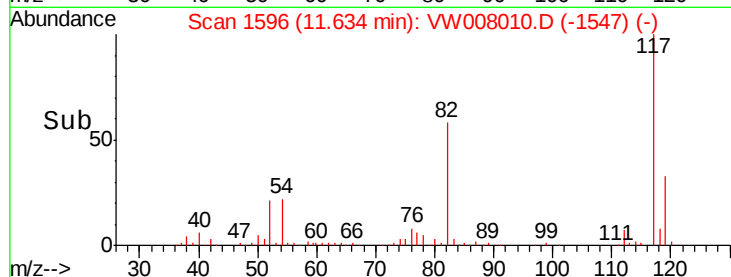
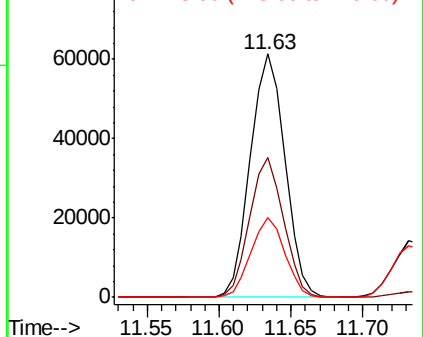
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion:117 Resp: 101892
Ion Ratio Lower Upper
117 100
82 57.6 44.8 67.2
119 32.5 25.6 38.4

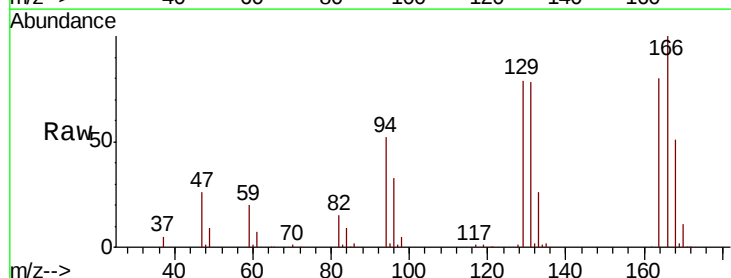


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

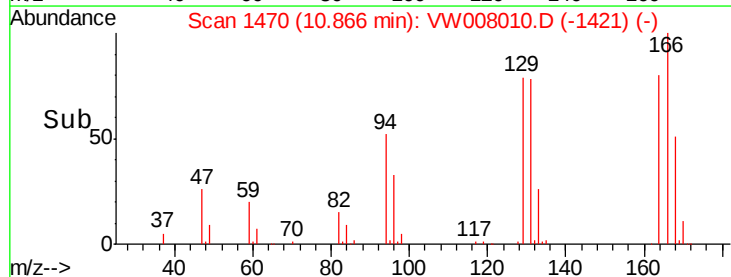
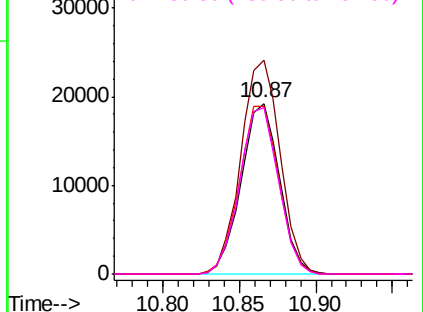


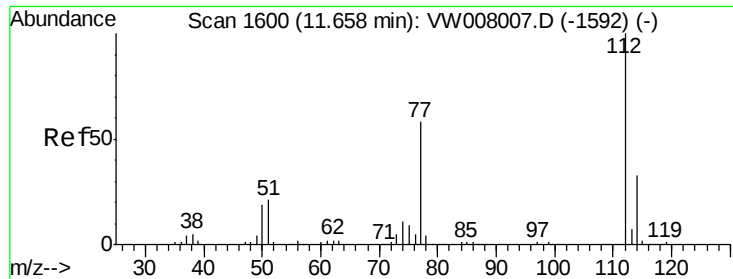
#64
Tetrachloroethene
Concen: 47.654 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion:164 Resp: 33540
Ion Ratio Lower Upper
164 100
166 125.4 98.1 147.1
129 98.6 78.0 117.0
131 97.4 75.8 113.8



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

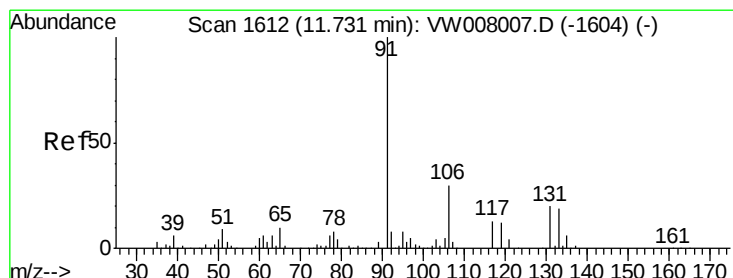
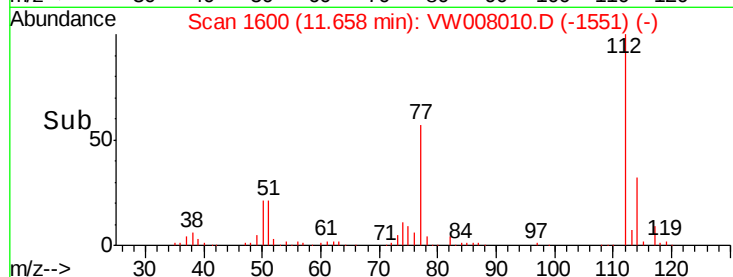
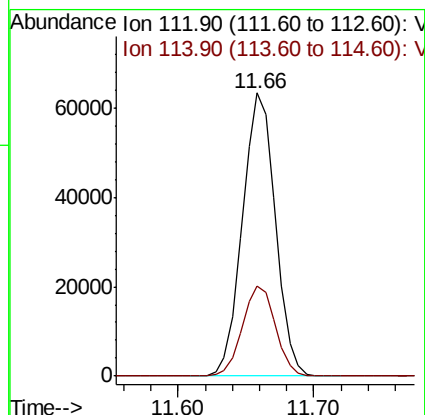
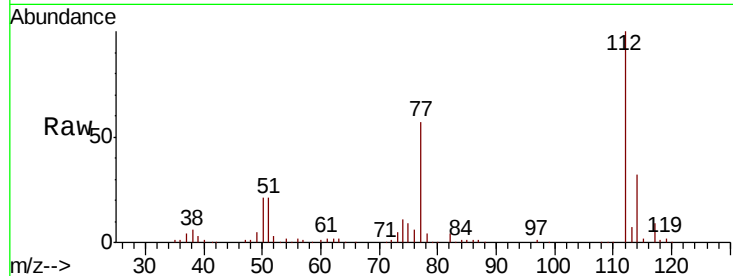




#65
Chlorobenzene
Concen: 49.236 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

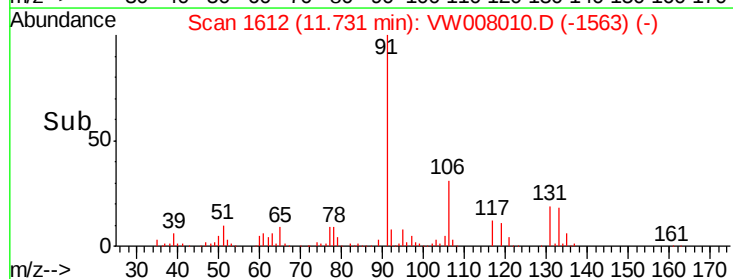
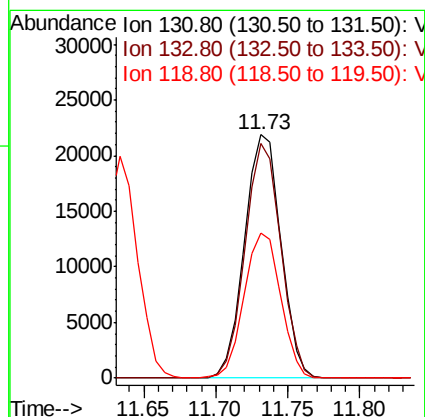
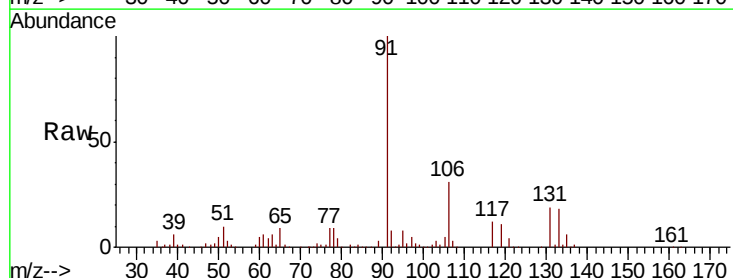
Instrument :
MSVOA_W
ClientSampleId :
BFB

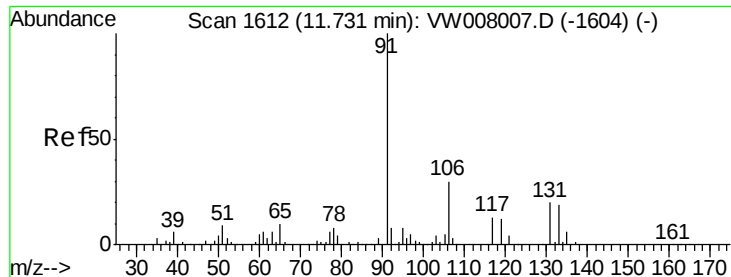
Tgt Ion:112 Resp: 107219
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.490 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion:131 Resp: 38239
Ion Ratio Lower Upper
131 100
133 94.9 49.1 147.3
119 60.0 30.6 91.6

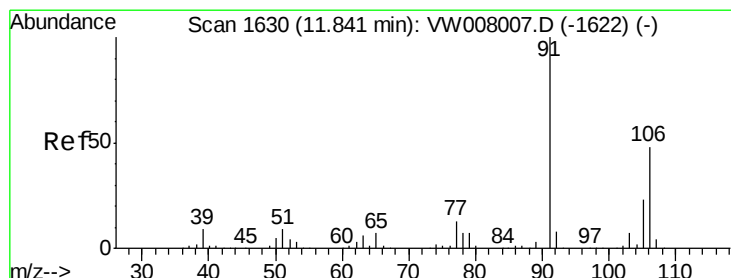
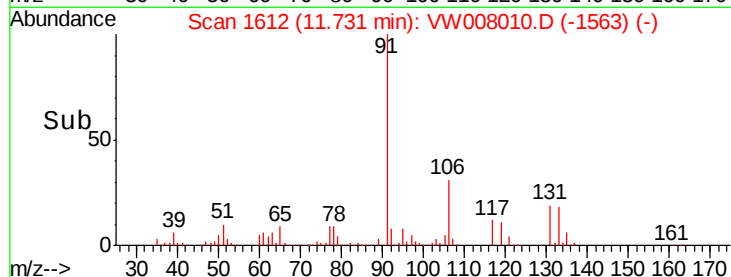
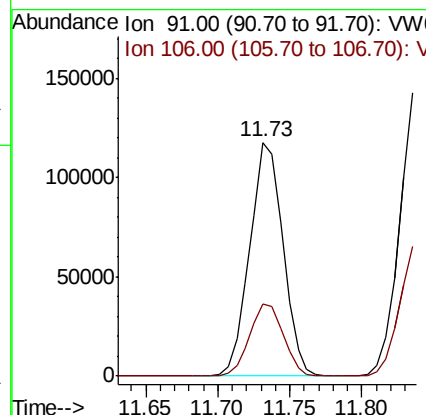
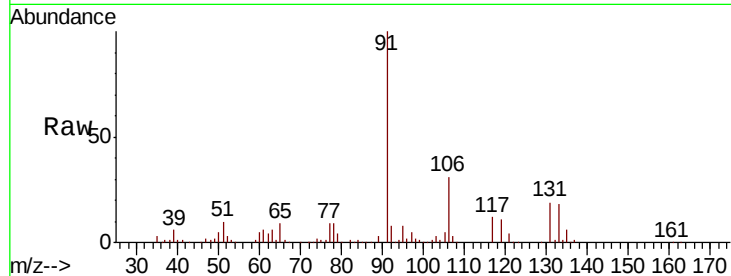




#67
Ethyl Benzene
Concen: 48.681 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

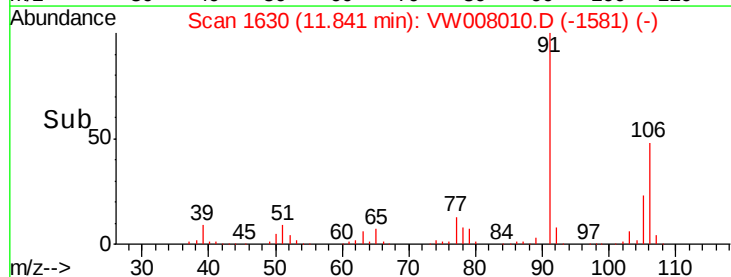
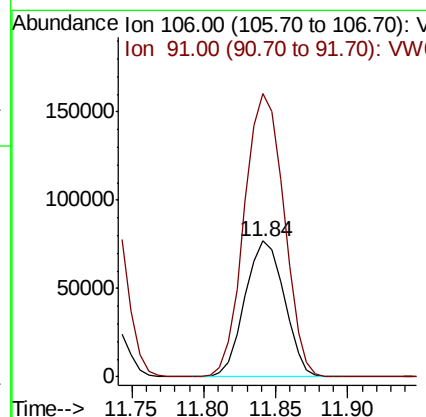
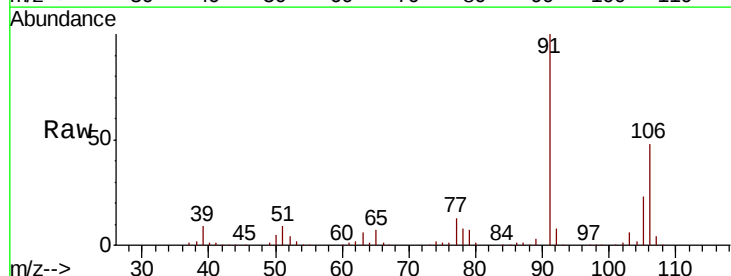
Instrument :
MSVOA_W
ClientSampleId :
BFB

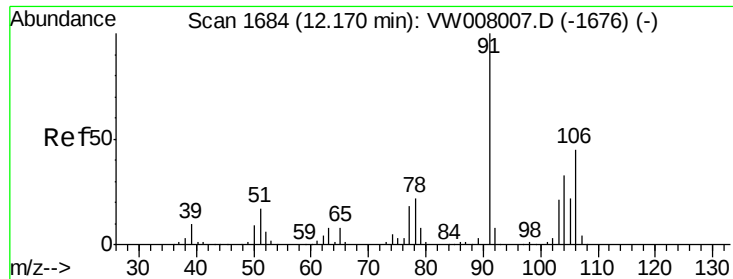
Tgt Ion: 91 Resp: 188164
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5



#68
m/p-Xylenes
Concen: 98.004 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion: 106 Resp: 146451
Ion Ratio Lower Upper
106 100
91 209.4 165.8 248.8

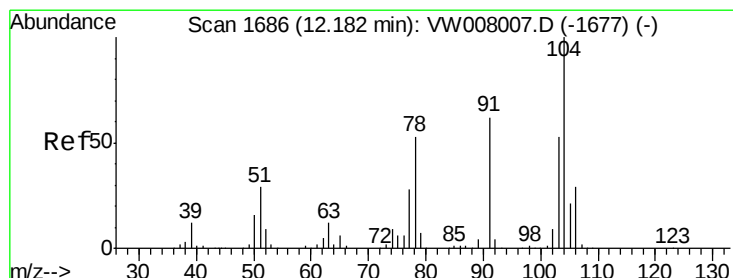
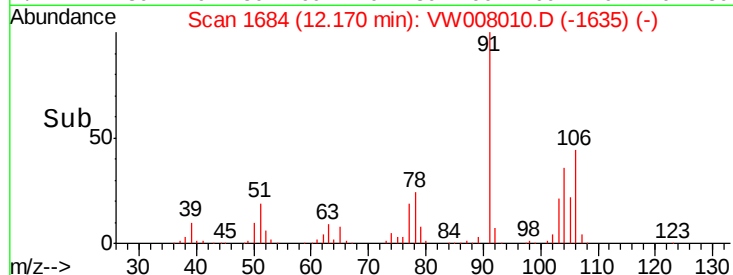
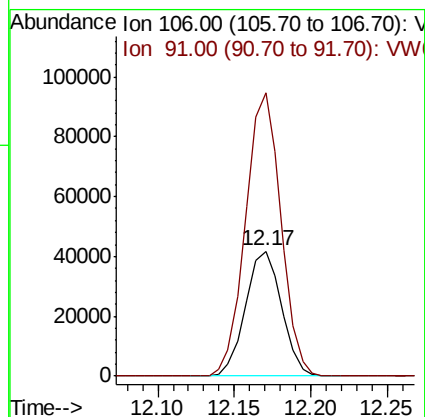
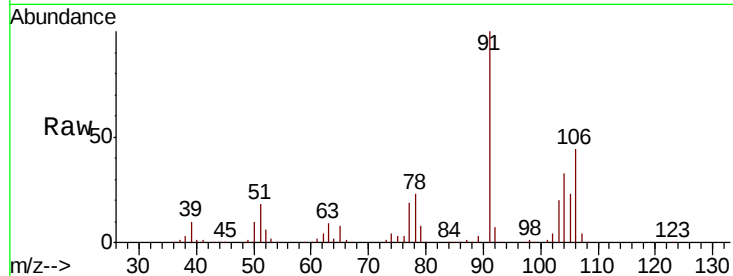




#69
o-Xylene
Concen: 49.367 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

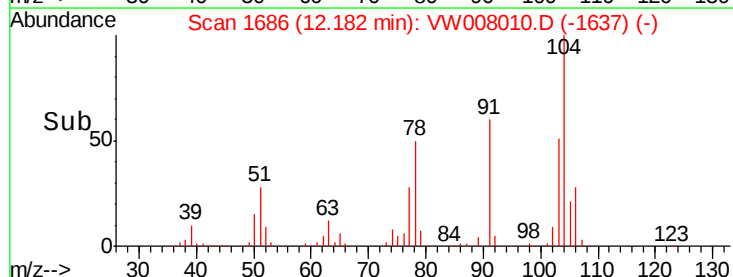
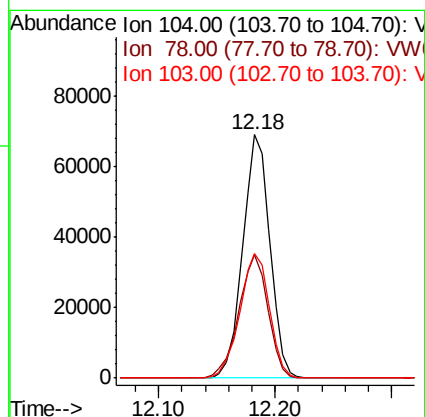
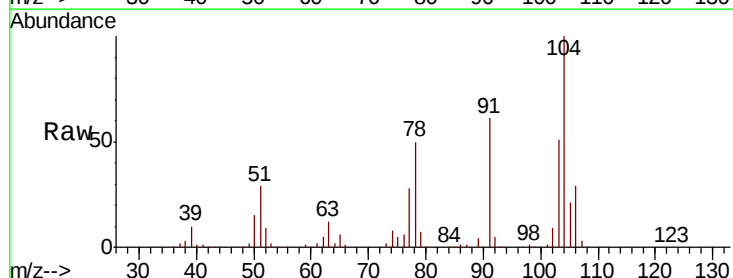
Instrument :
MSVOA_W
ClientSampled :
BFB

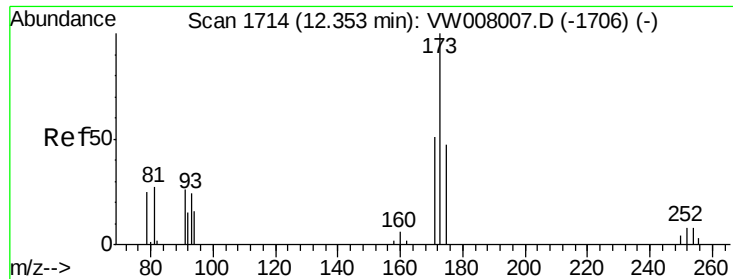
Tgt Ion:106 Resp: 68643
Ion Ratio Lower Upper
106 100
91 221.8 110.6 331.6



#70
Styrene
Concen: 49.644 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion:104 Resp: 112511
Ion Ratio Lower Upper
104 100
78 54.5 44.0 66.0
103 55.7 44.6 66.8

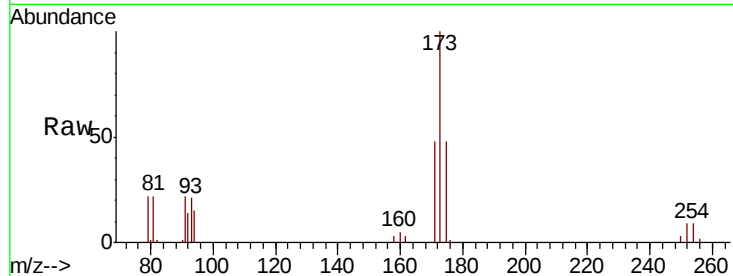




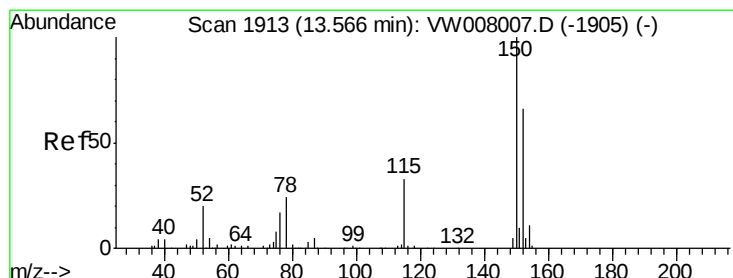
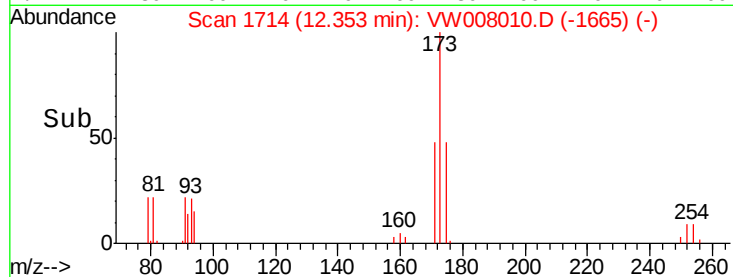
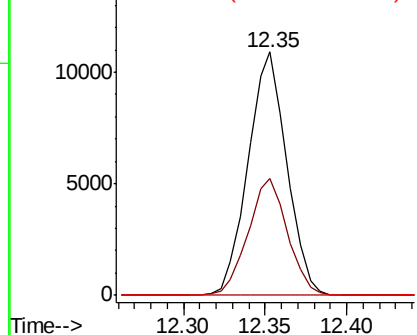
#71
Bromoform
Concen: 49.103 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:173 Resp: 17940
Ion Ratio Lower Upper
173 100
175 48.9 23.6 71.0
254 0.0 0.0 0.0

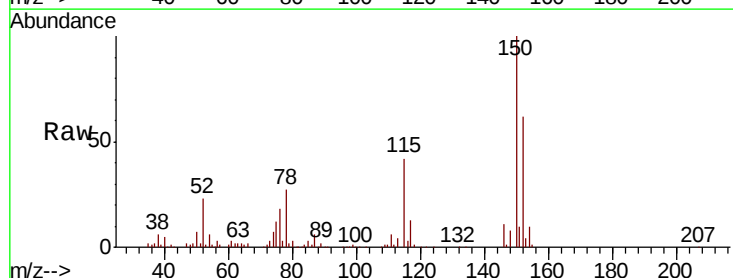


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

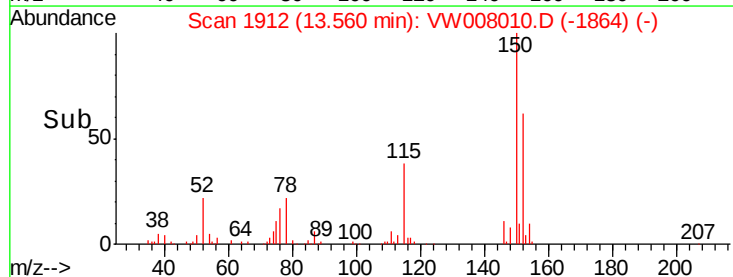
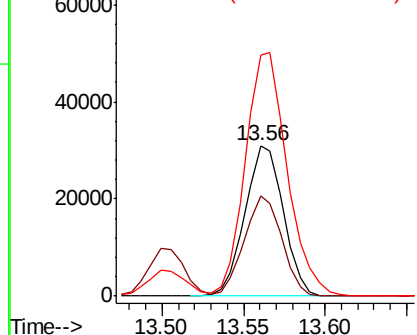


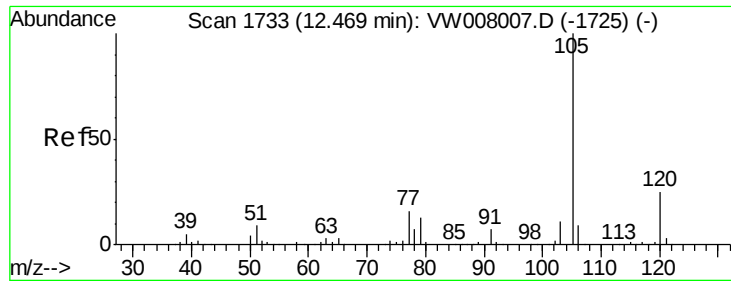
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion:152 Resp: 50848
Ion Ratio Lower Upper
152 100
115 65.3 32.1 96.5
150 175.8 0.0 345.0



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





#73

Isopropylbenzene

Concen: 48.877 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

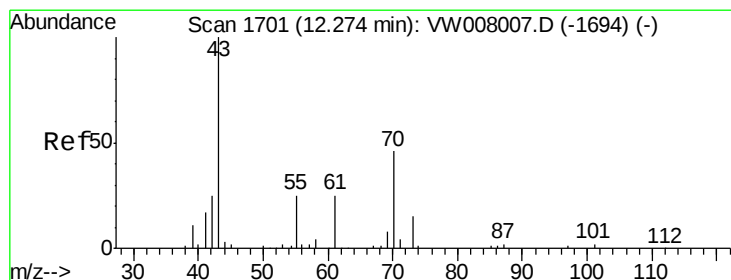
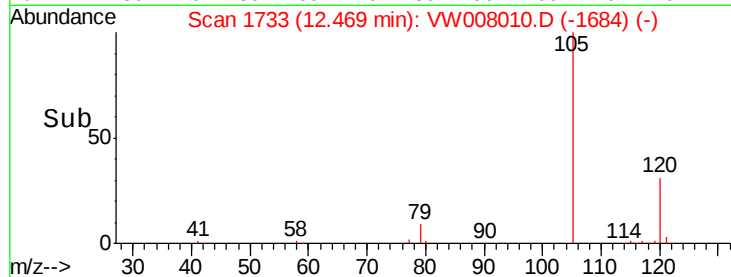
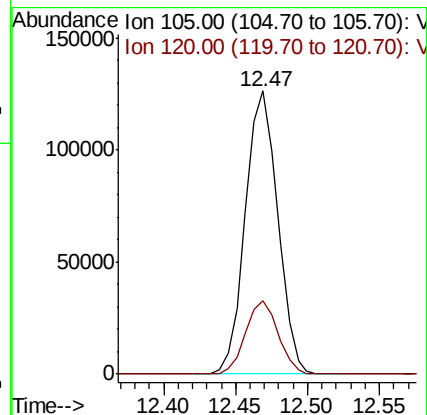
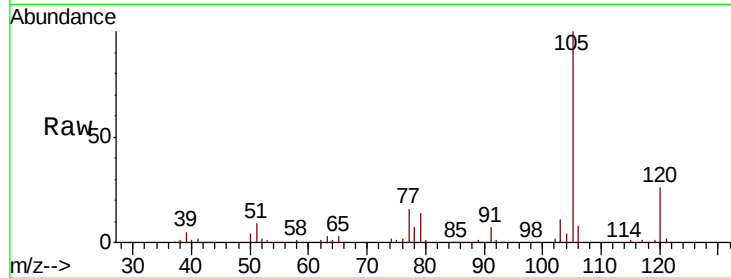
BFB

Tgt Ion: 105 Resp: 197627

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 48.299 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Tgt Ion: 43 Resp: 30399

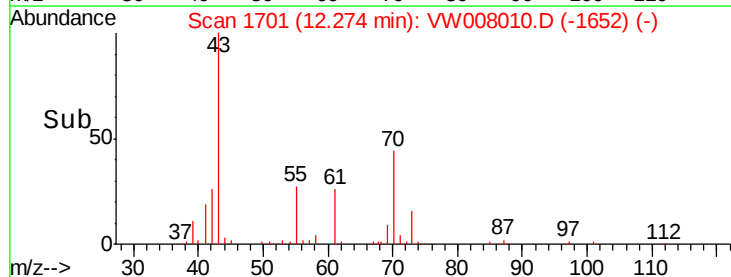
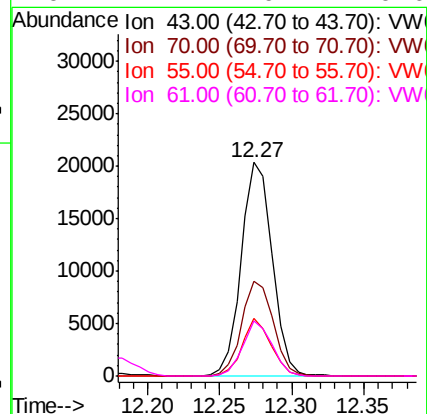
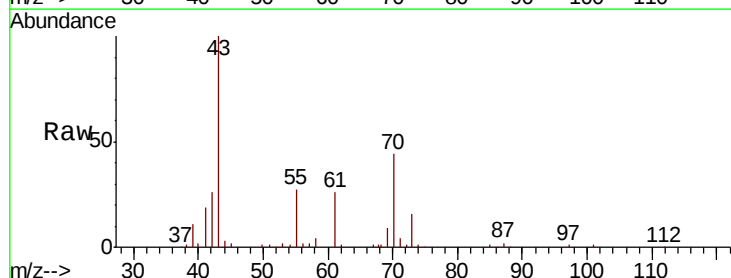
Ion Ratio Lower Upper

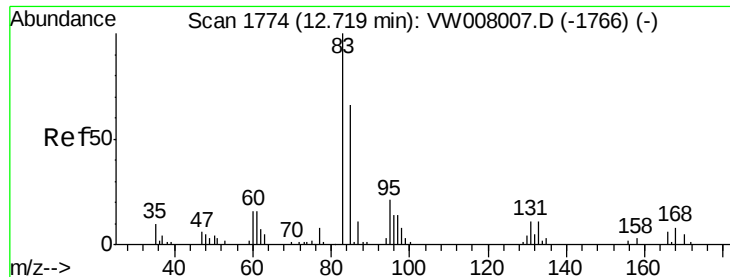
43 100

70 45.1 35.2 52.8

55 24.7 21.4 32.0

61 24.1 19.4 29.0

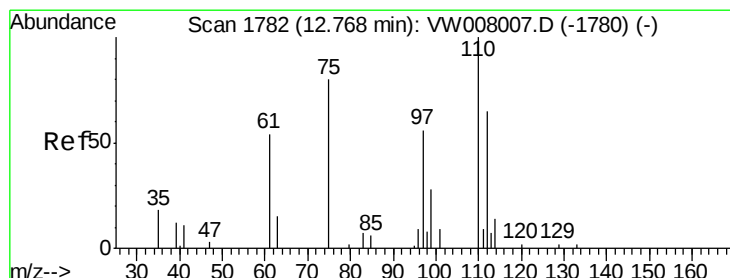
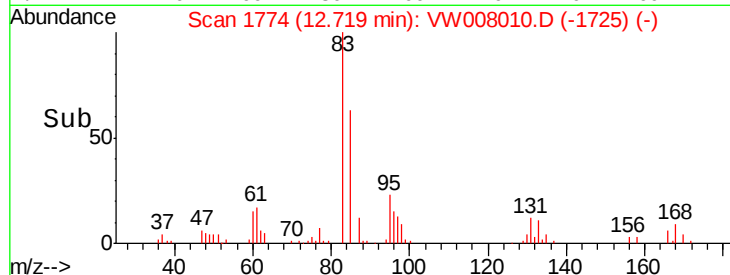
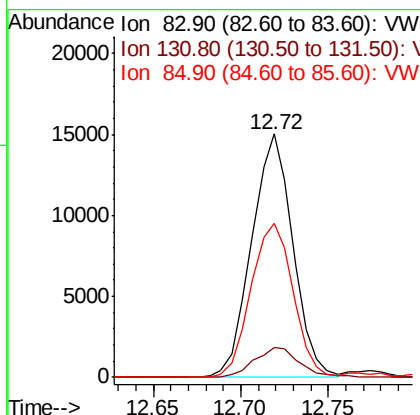
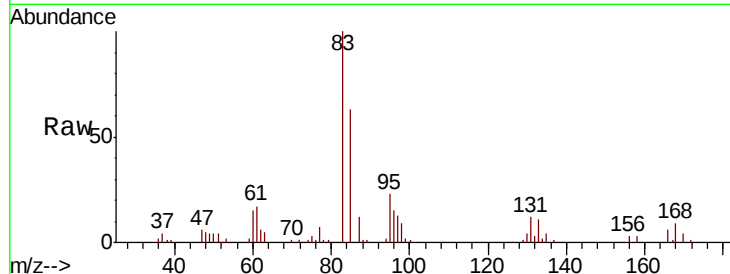




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.811 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

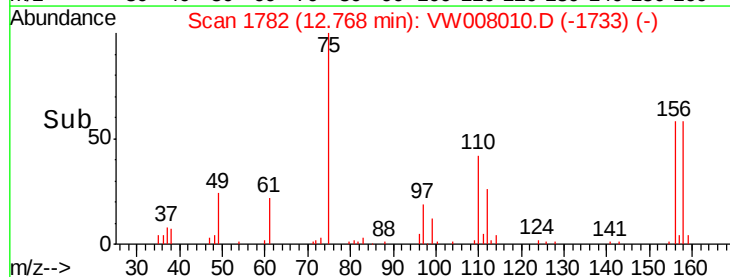
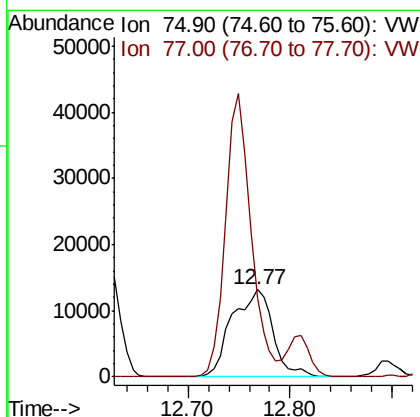
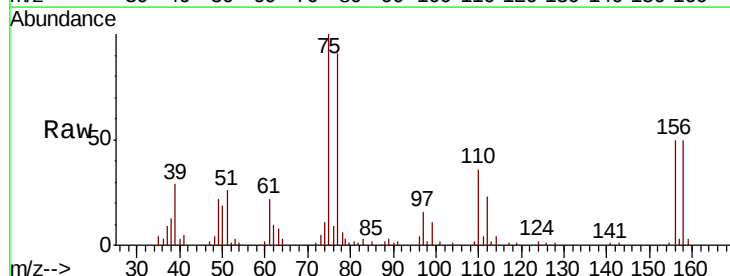
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

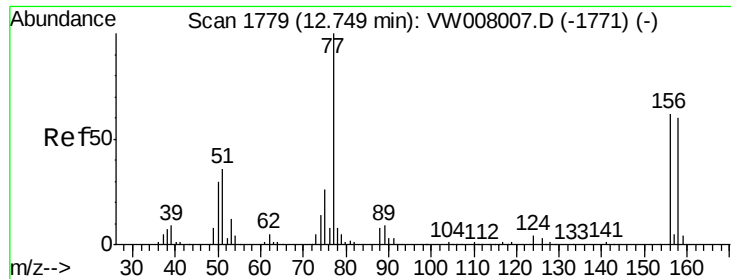
Tgt Ion: 83 Resp: 24597
 Ion Ratio Lower Upper
 83 100
 131 13.5 6.5 19.5
 85 64.9 32.8 98.3



#76
 1,2,3-Trichloropropane
 Concen: 91.494 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Tgt Ion: 75 Resp: 37011
 Ion Ratio Lower Upper
 75 100
 77 201.1 186.2 558.6





#77

Bromobenzene

Concen: 48.300 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

BFB

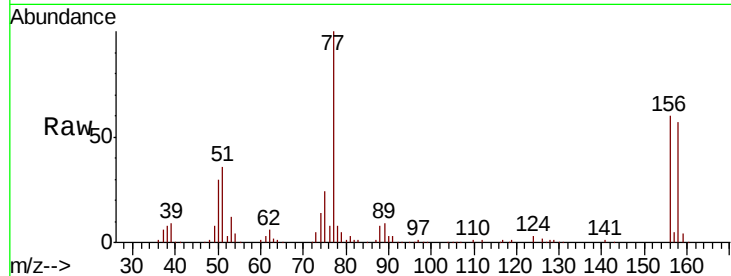
Tgt Ion: 156 Resp: 41976

Ion Ratio Lower Upper

156 100

77 177.3 87.9 263.8

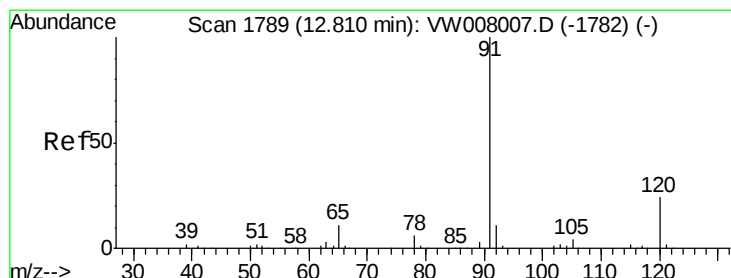
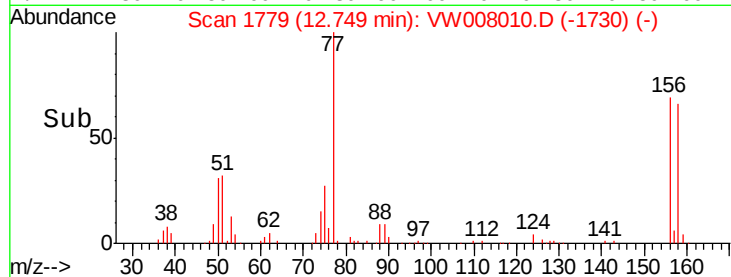
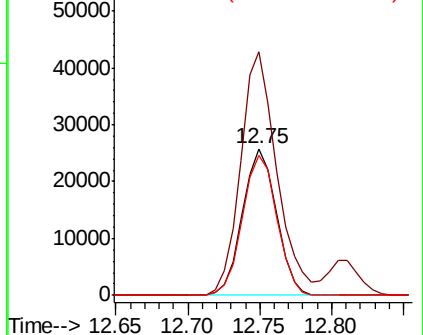
158 96.7 47.8 143.4



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: 48.940 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008010.D

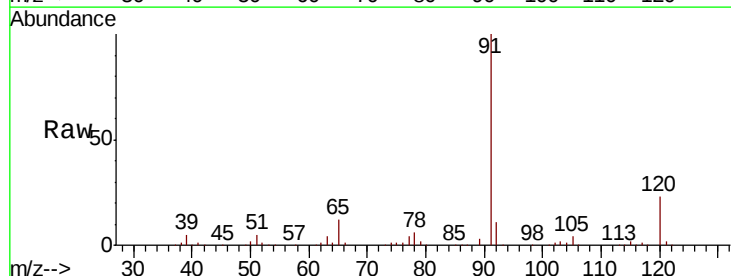
Acq: 02 Jan 2019 15:57

Tgt Ion: 91 Resp: 229426

Ion Ratio Lower Upper

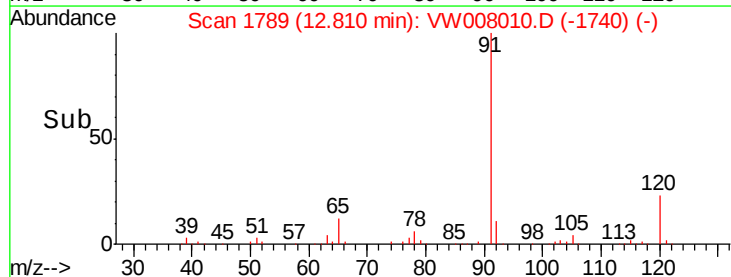
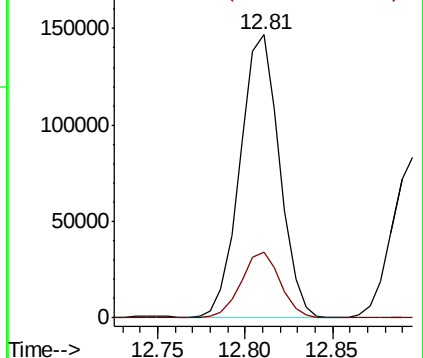
91 100

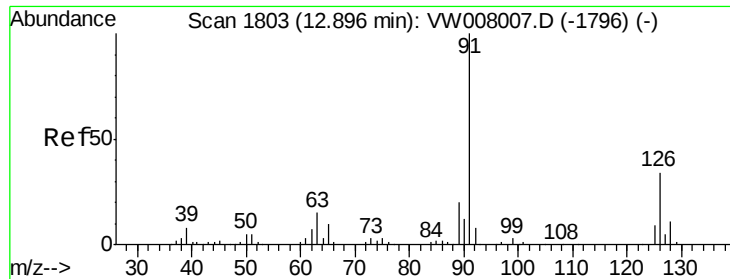
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

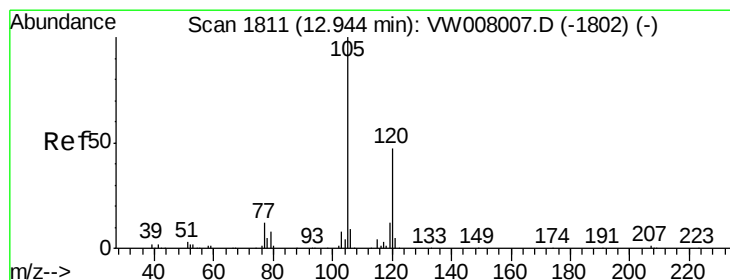
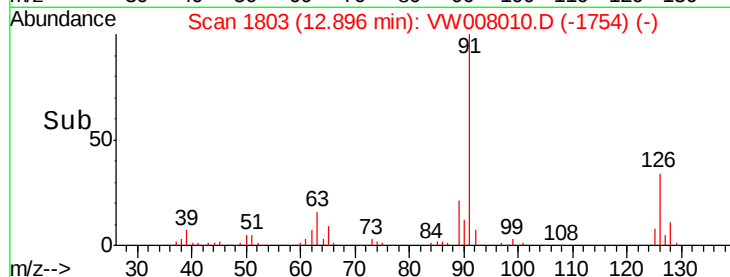
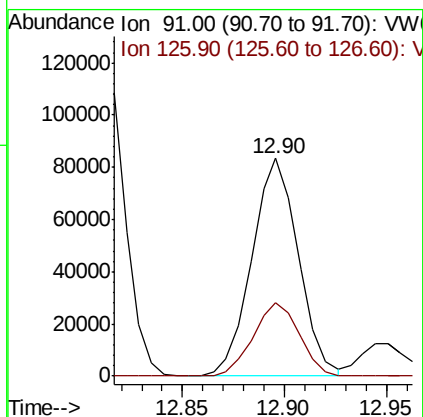
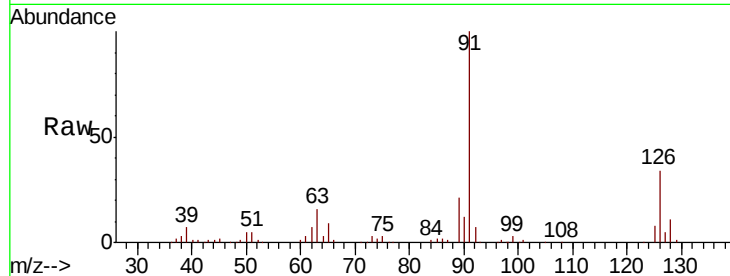




#79
 2-Chlorotoluene
 Concen: 48.656 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

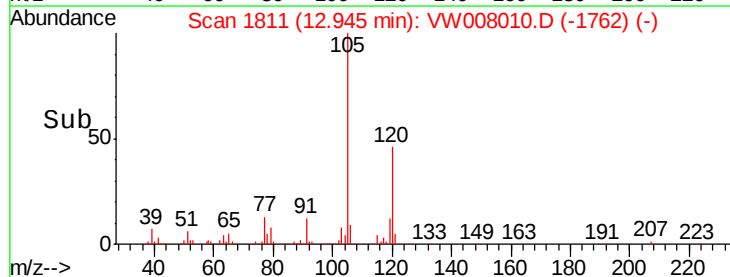
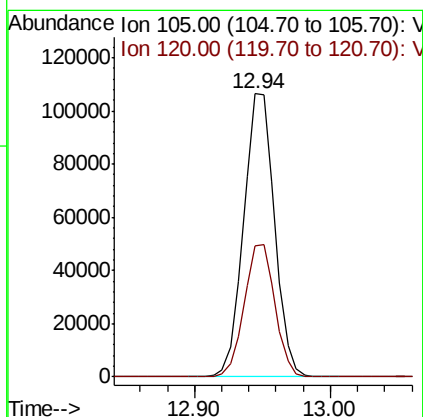
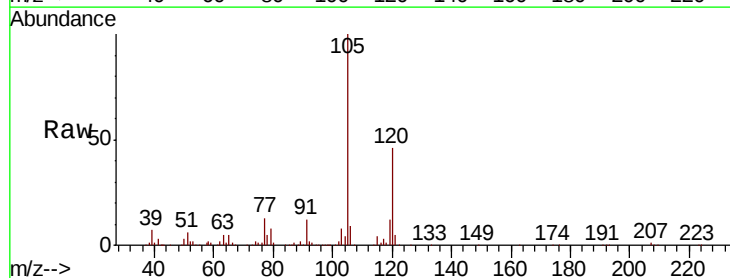
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

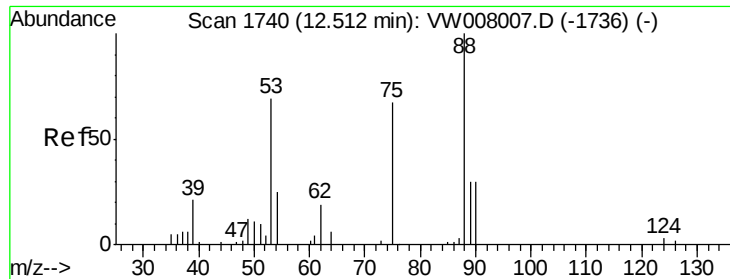
Tgt Ion: 91 Resp: 131828
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 48.604 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Tgt Ion: 105 Resp: 169161
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.9

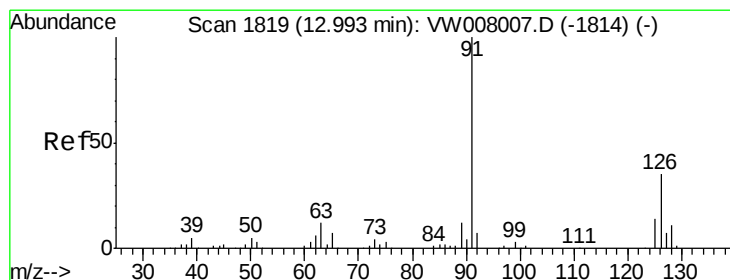
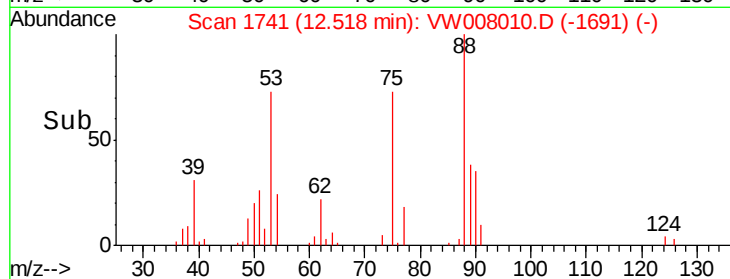
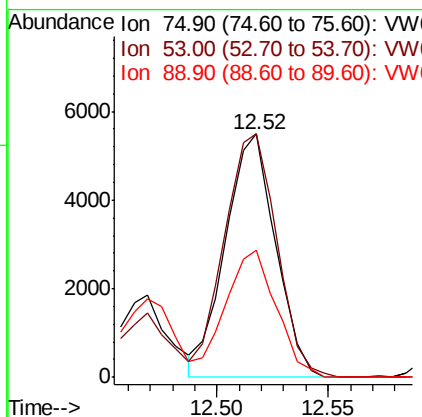
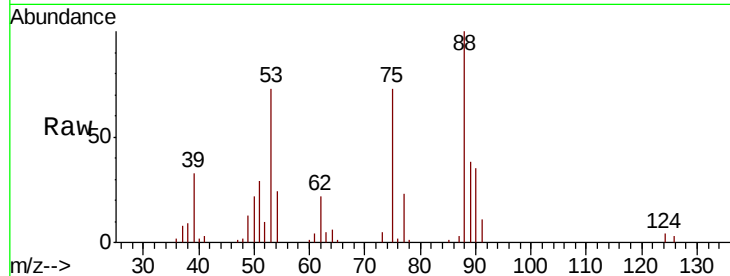




#81
trans-1,4-Dichloro-2-butene
Concen: 50.235 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

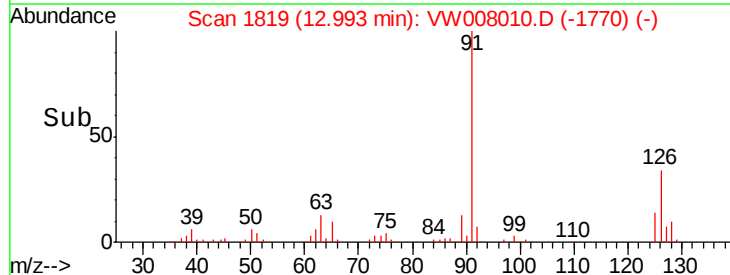
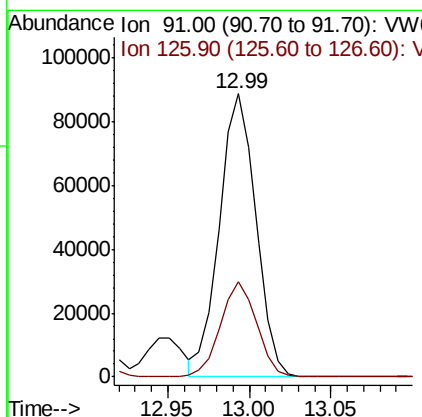
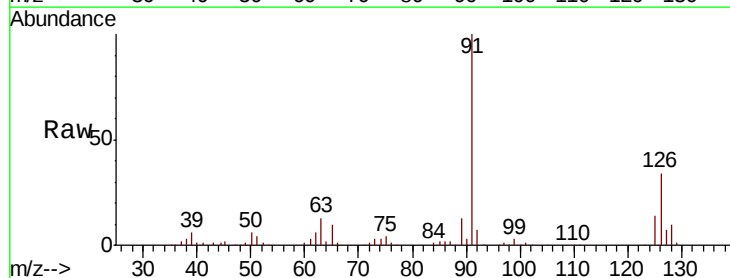
Instrument :
MSVOA_W
ClientSampleId :
BFB

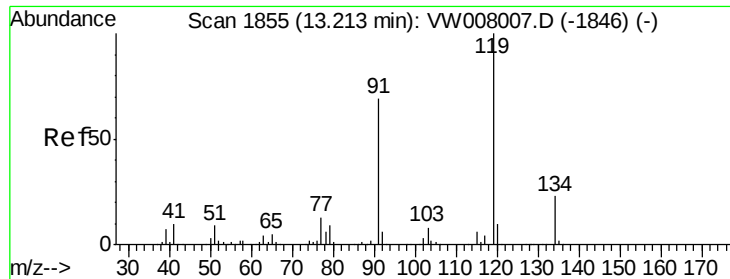
Tgt Ion: 75 Resp: 8593
Ion Ratio Lower Upper
75 100
53 105.0 87.6 131.4
89 53.3 42.2 63.2



#82
4-Chlorotoluene
Concen: 48.038 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion: 91 Resp: 138396
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.1

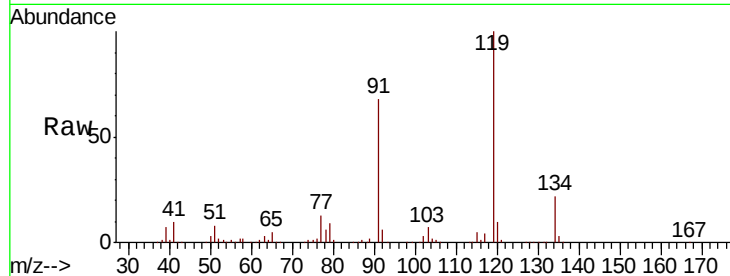




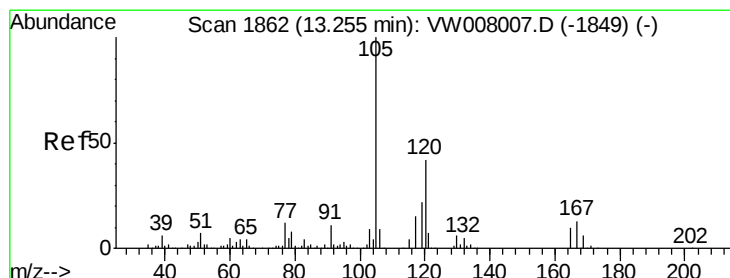
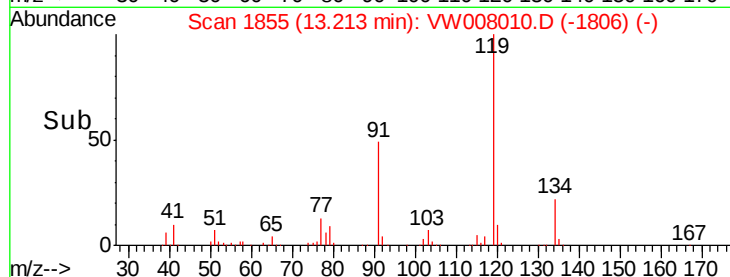
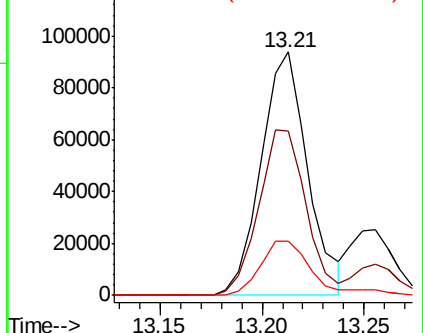
#83
tert-Butylbenzene
Concen: 49.045 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion:119 Resp: 149342
Ion Ratio Lower Upper
119 100
91 69.2 34.7 104.1
134 25.1 11.5 34.4

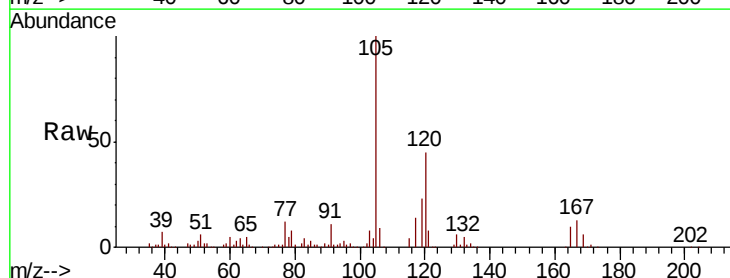


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VW
Ion 134.00 (133.70 to 134.70): V

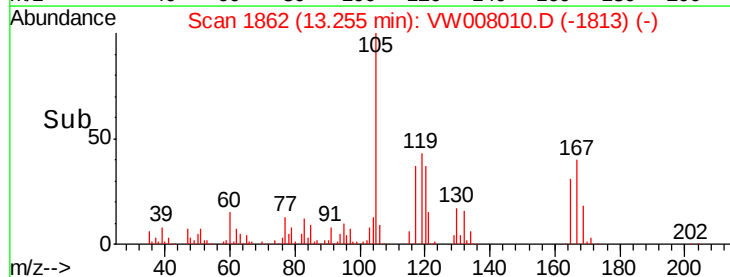
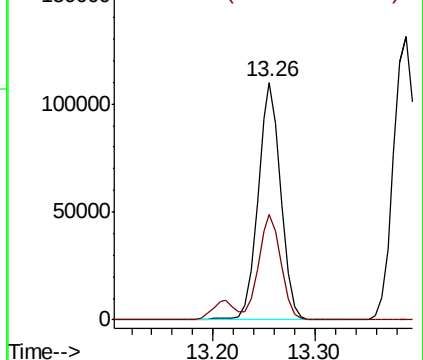


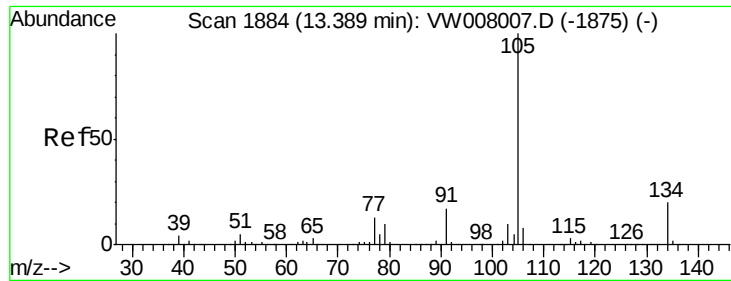
#84
1,2,4-Trimethylbenzene
Concen: 48.240 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion:105 Resp: 170056
Ion Ratio Lower Upper
105 100
120 43.6 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

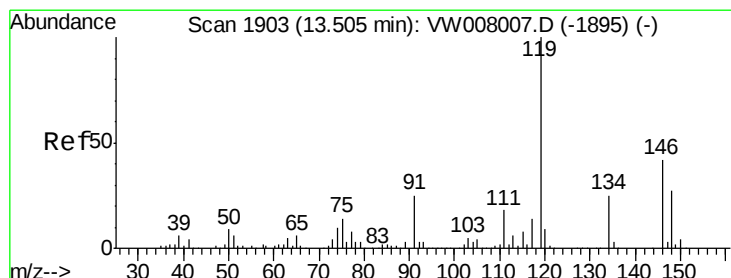
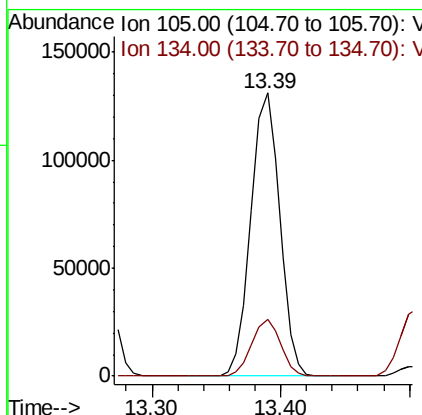
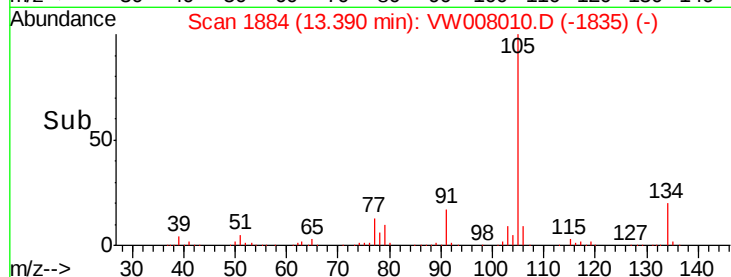
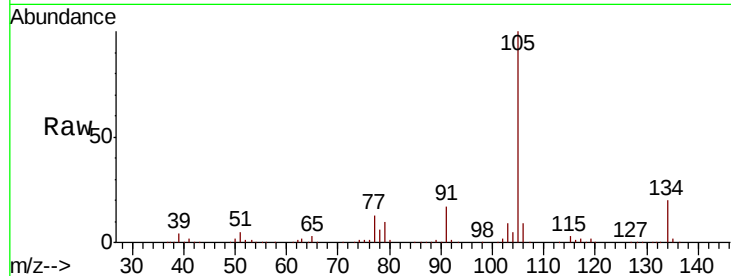




#85
 sec-Butylbenzene
 Concen: 48.476 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

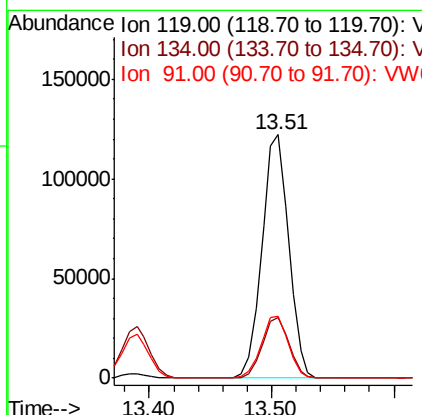
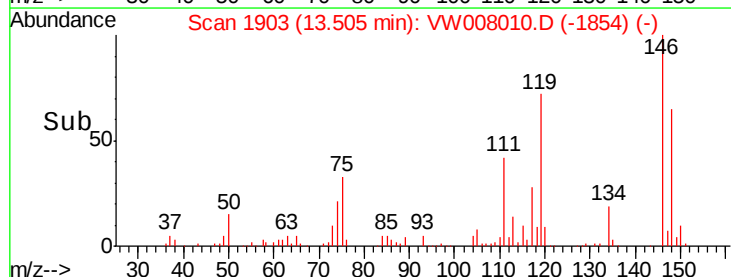
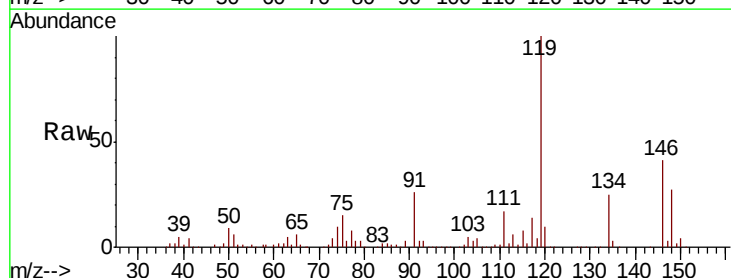
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

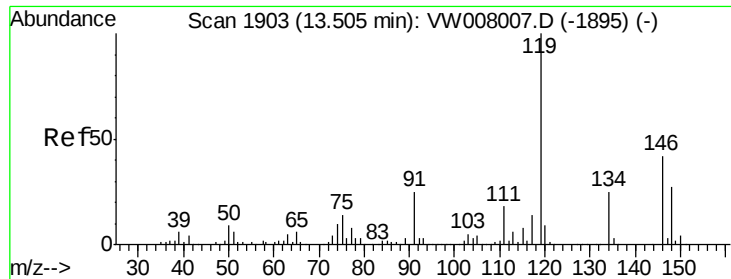
Tgt Ion:105 Resp: 203058
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 49.304 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Tgt Ion:119 Resp: 186283
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 25.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.166 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

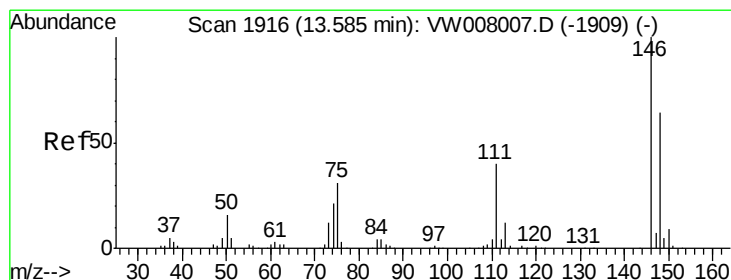
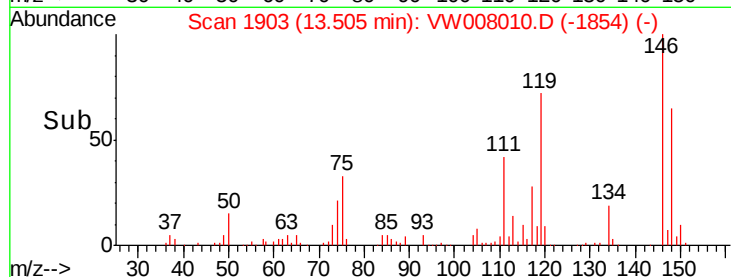
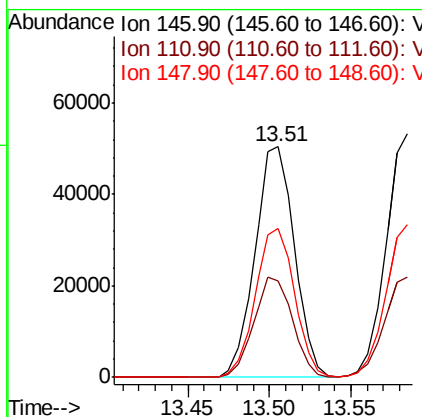
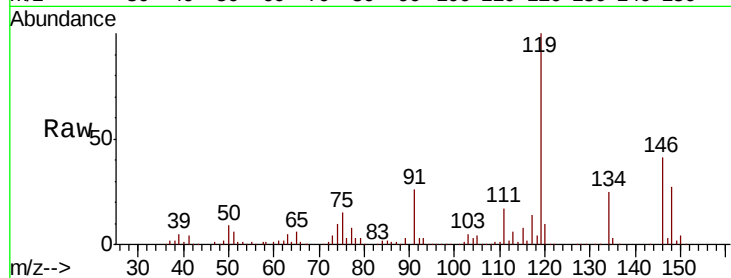
Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:146 Resp: 84459

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.4	64.2
148	64.0	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 48.615 ug/l

RT: 13.58 min Scan# 1916

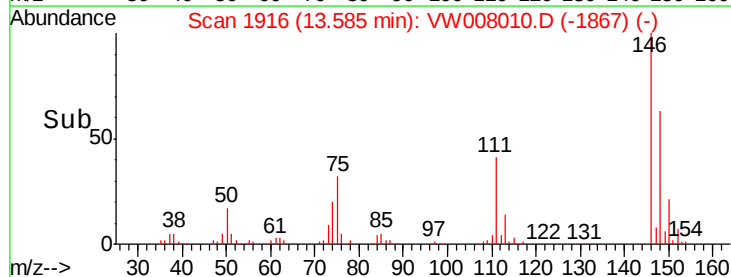
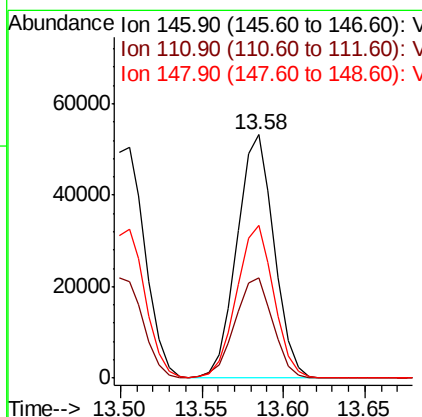
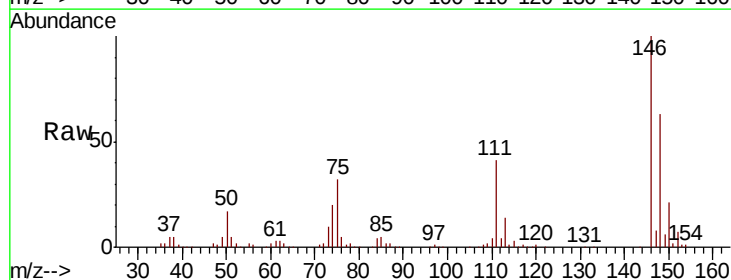
Delta R.T. 0.00 min

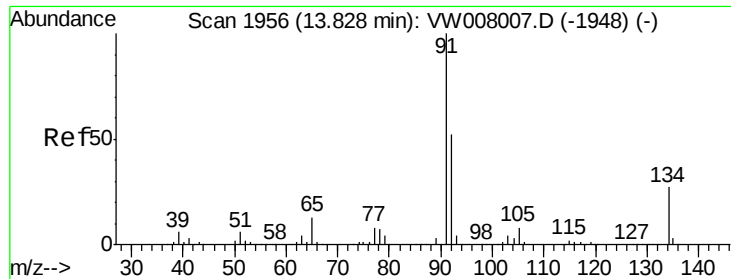
Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Tgt Ion:146 Resp: 84397

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.9	62.8
148	62.9	31.9	95.9





#89

n-Butylbenzene

Concen: 48.331 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampled :

BFB

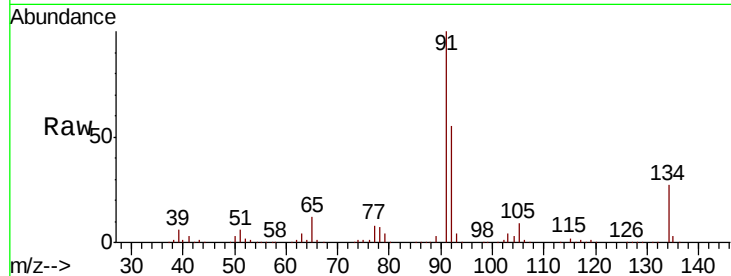
Tgt Ion: 91 Resp: 167027

Ion Ratio Lower Upper

91 100

92 54.0 26.4 79.2

134 26.7 13.4 40.2

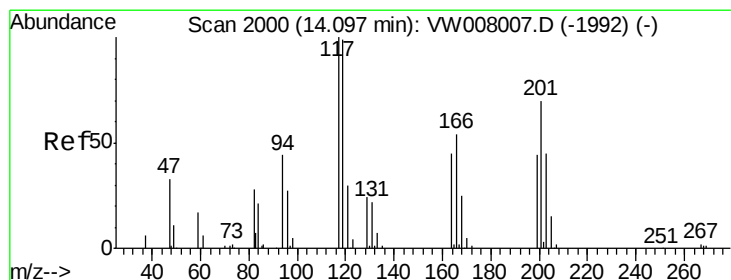
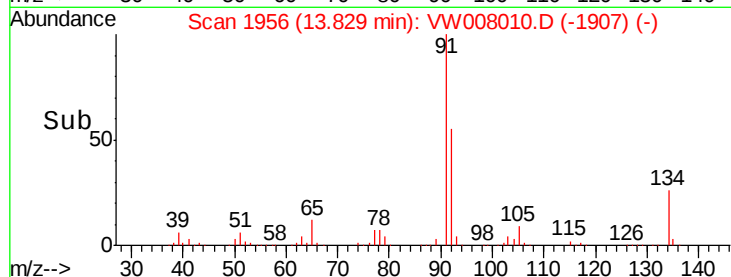
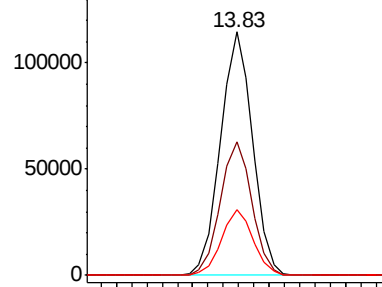


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 48.133 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008010.D

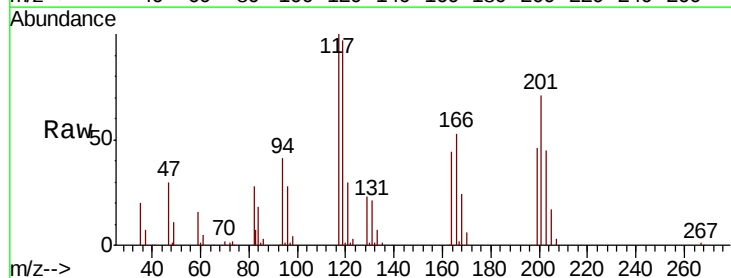
Acq: 02 Jan 2019 15:57

Tgt Ion: 117 Resp: 31556

Ion Ratio Lower Upper

117 100

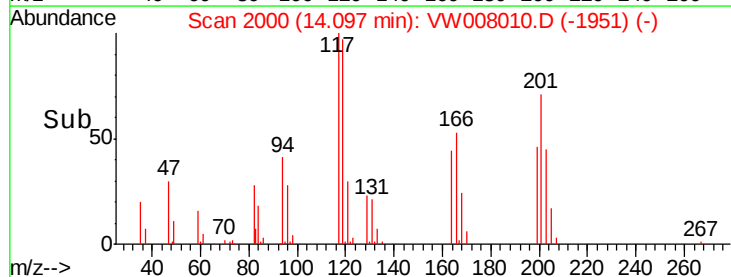
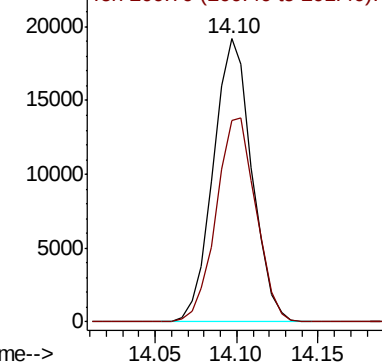
201 74.4 37.1 111.5

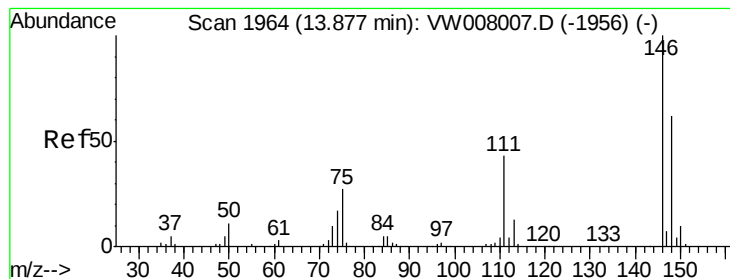


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 47.711 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

BFB

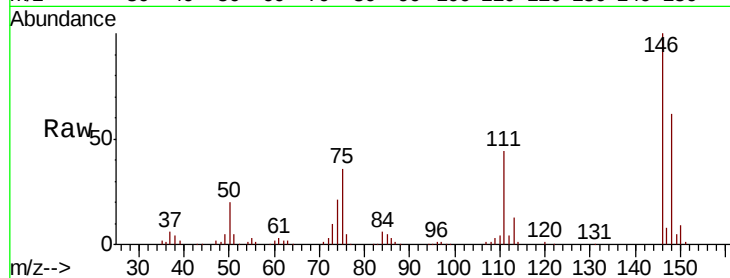
Tgt Ion: 146 Resp: 73518

Ion Ratio Lower Upper

146 100

111 43.9 22.6 67.7

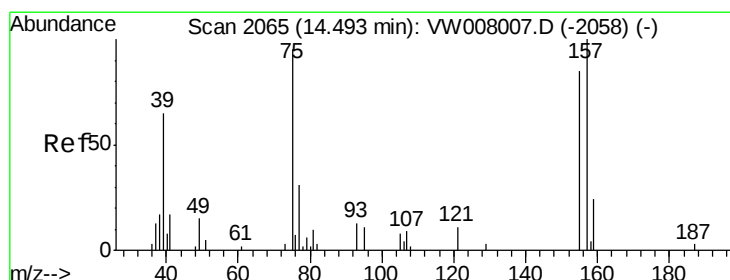
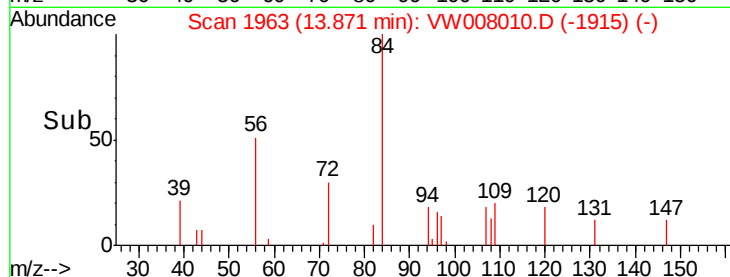
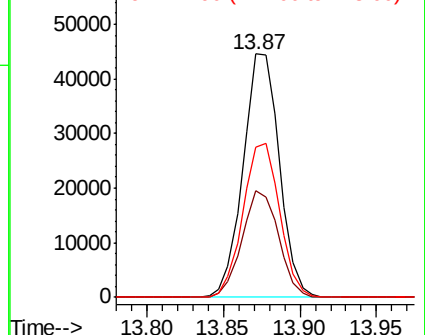
148 64.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.404 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW008010.D

Acq: 02 Jan 2019 15:57

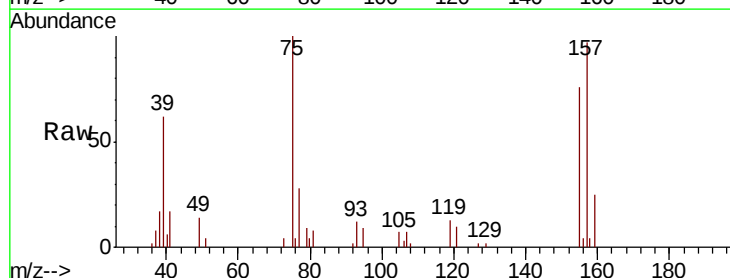
Tgt Ion: 75 Resp: 5263

Ion Ratio Lower Upper

75 100

155 79.3 42.4 127.1

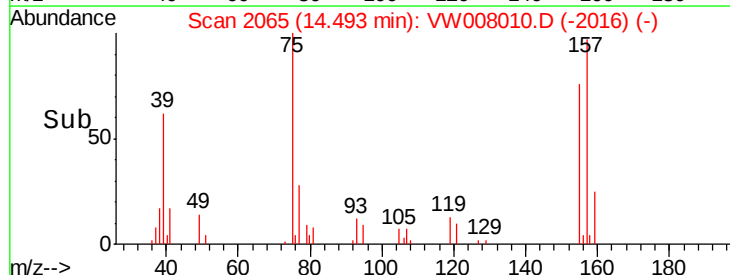
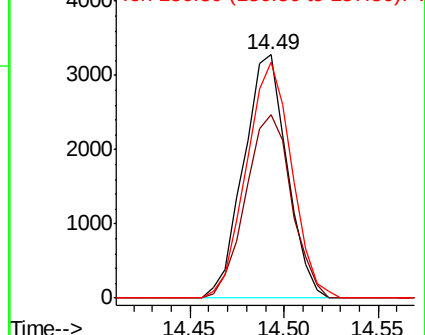
157 100.5 52.3 156.8

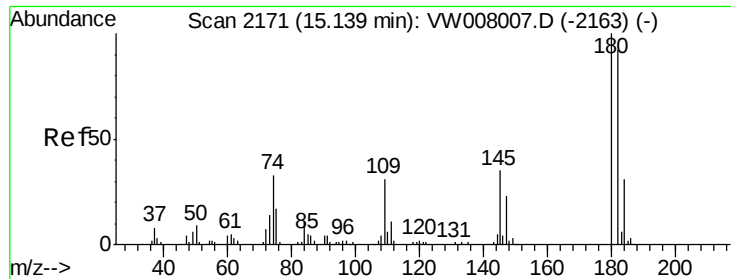


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

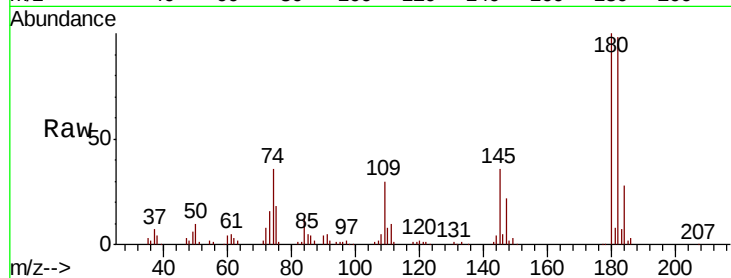




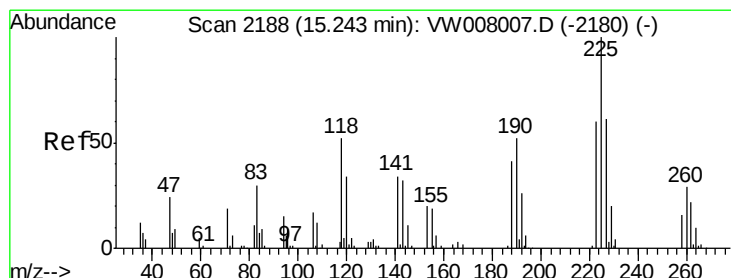
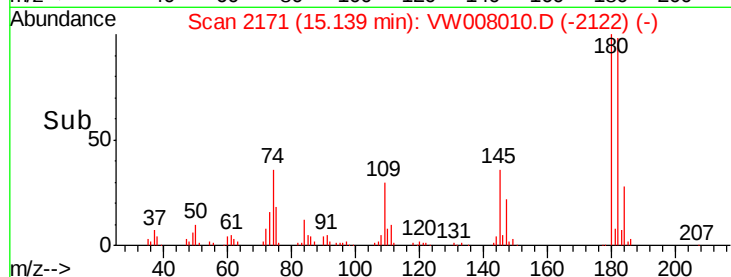
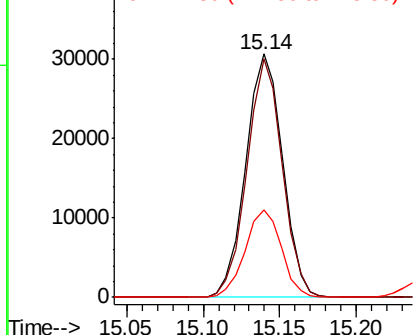
#93
 1,2,4-Trichlorobenzene
 Concen: 47.414 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tgt Ion:180 Resp: 51314
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.6 139.8
 145 35.3 17.2 51.6

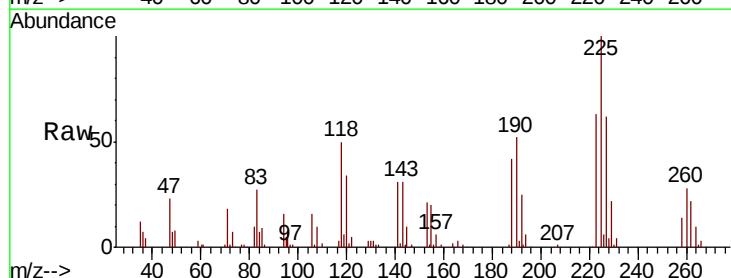


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

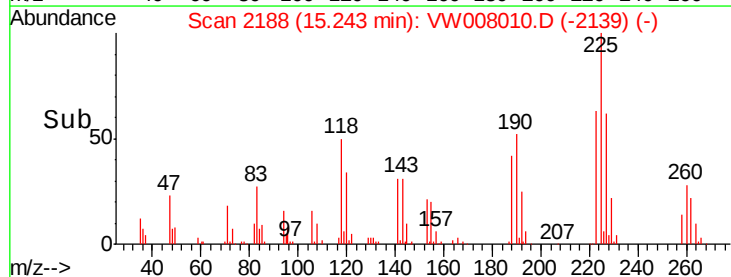
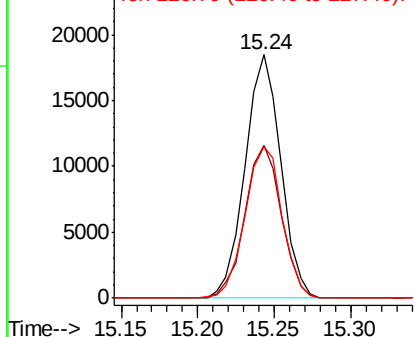


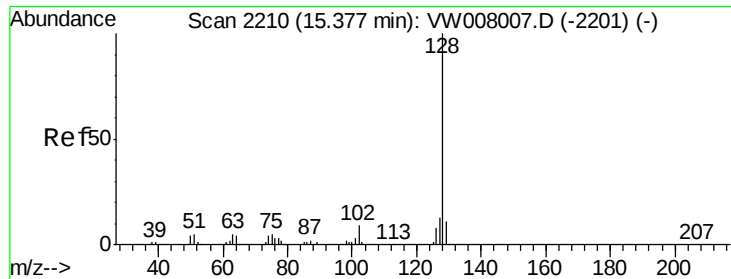
#94
 Hexachlorobutadiene
 Concen: 48.002 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008010.D
 Acq: 02 Jan 2019 15:57

Tgt Ion:225 Resp: 29996
 Ion Ratio Lower Upper
 225 100
 223 63.9 30.6 92.0
 227 64.3 31.3 93.8



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

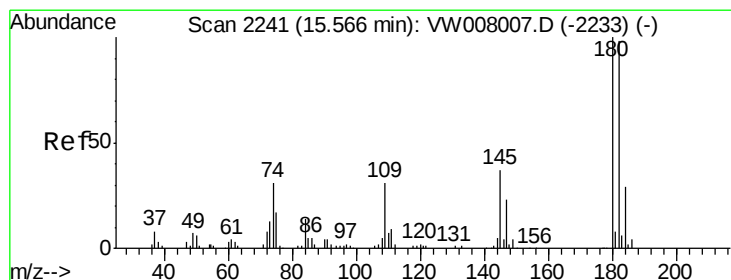
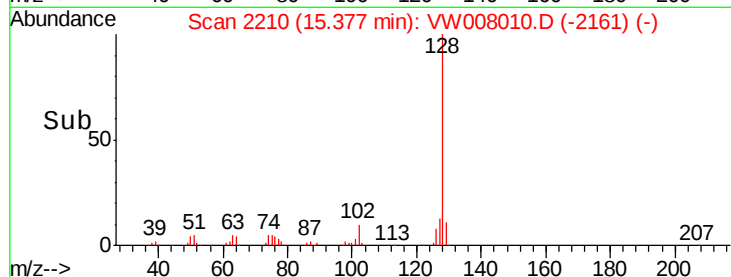
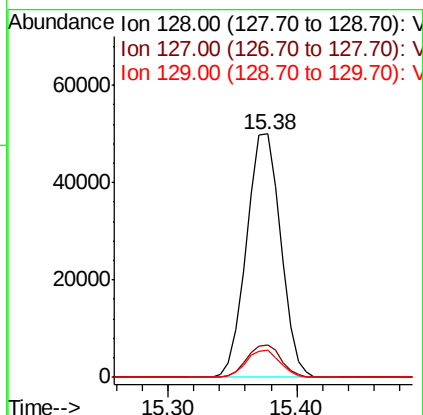
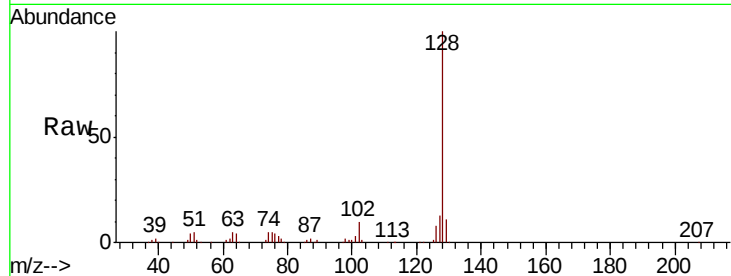




#95
Naphthalene
Concen: 49.774 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:128 Resp: 91742
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.150 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008010.D
Acq: 02 Jan 2019 15:57

Tgt Ion:180 Resp: 42878
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.8
145 38.1 18.7 56.1

