

Data File : VW008817.D
Acq On : 25 Feb 2019 19:50
Operator : SY/VA
Sample : K1560-01LOD2.5PPB
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Quant Time: Feb 26 04:48:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	277183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	220867	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143628	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
35) Dibromofluoromethane	7.88	113	129640	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	10.32	98	518550	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
62) 4-Bromofluorobenzene	12.62	95	201162	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	7764	2.797	ug/l	98
3) Chloromethane	2.21	50	9002	2.664	ug/l	97
4) Vinyl Chloride	2.36	62	8854	2.475	ug/l	93
5) Bromomethane	2.77	94	8155	3.069	ug/l	93
6) Chloroethane	2.92	64	6559	2.582	ug/l #	87
7) Trichlorofluoromethane	3.26	101	11439	2.528	ug/l	97
8) Diethyl Ether	3.69	74	3605	2.516	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	7324	2.665	ug/l	94
10) Methyl Iodide	4.28	142	5808	1.690	ug/l #	95
11) Tert butyl alcohol	5.17	59	2458	10.620	ug/l	100
12) 1,1-Dichloroethene	4.04	96	5972	2.461	ug/l	90
13) Acrolein	3.90	56	2601	29.591	ug/l #	83
14) Allyl chloride	4.67	41	9434	2.252	ug/l	91
15) Acrylonitrile	5.37	53	7296	11.866	ug/l	93
16) Acetone	4.13	43	6806	11.294	ug/l #	84
17) Carbon Disulfide	4.37	76	18009	2.237	ug/l #	91
18) Methyl Acetate	4.67	43	2058	1.440	ug/l #	20
19) Methyl tert-butyl Ether	5.42	73	15626	2.379	ug/l	99
20) Methylene Chloride	4.92	84	14023	Below Cal	#	81
21) trans-1,2-Dichloroethene	5.42	96	7263	2.587	ug/l #	69
22) Diisopropyl ether	6.31	45	19870	2.378	ug/l #	95
23) Vinyl Acetate	6.26	43	52929	10.252	ug/l #	94
24) 1,1-Dichloroethane	6.23	63	11787	2.434	ug/l	98
25) 2-Butanone	7.18	43	11902	14.128	ug/l	100
26) 2,2-Dichloropropane	7.17	77	10775	2.451	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	7823	2.605	ug/l	98
28) Bromochloromethane	7.52	49	5474	2.702	ug/l	96
29) Tetrahydrofuran	7.54	42	6609	12.310	ug/l	96
30) Chloroform	7.68	83	12487	2.514	ug/l	90
31) Cyclohexane	7.95	56	16085	3.282	ug/l #	73
32) 1,1,1-Trichloroethane	7.88	97	11289	2.499	ug/l	92
36) 1,1-Dichloropropene	8.09	75	10476	2.675	ug/l	99
37) Ethyl Acetate	7.26	43	5205	2.858	ug/l #	81
38) Carbon Tetrachloride	8.07	117	10456	2.532	ug/l	85

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	11957	2.448	ug/l	90
40) Benzene	8.33	78	26088	2.440	ug/l	99
41) Methacrylonitrile	7.48	41	1815	1.696	ug/l #	43
42) 1,2-Dichloroethane	8.40	62	8749	2.583	ug/l	90
43) Isopropyl Acetate	8.43	43	8505	2.340	ug/l	92
44) Trichloroethene	9.09	130	7692	2.554	ug/l	95
45) 1,2-Dichloropropane	9.37	63	6790	2.570	ug/l	95
46) Dibromomethane	9.46	93	3593	2.445	ug/l	96
47) Bromodichloromethane	9.65	83	8676	2.426	ug/l #	80
48) Methyl methacrylate	9.44	41	3472	1.995	ug/l	89
49) 1,4-Dioxane	9.45	88	1494	63.482	ug/l #	82
51) 4-Methyl-2-Pentanone	10.21	43	19994	10.836	ug/l	96
52) Toluene	10.39	92	19635	2.706	ug/l	94
53) t-1,3-Dichloropropene	10.60	75	8070	2.214	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	9428	2.268	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	5353	2.686	ug/l	89
56) Ethyl methacrylate	10.65	69	5735	2.215	ug/l #	90
57) 1,3-Dichloropropane	10.93	76	8646	2.457	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	14689	11.279	ug/l	97
59) 2-Hexanone	10.97	43	12654	9.634	ug/l	93
60) Dibromochloromethane	11.12	129	5463	2.247	ug/l	100
61) 1,2-Dibromoethane	11.24	107	4770	2.418	ug/l	95
64) Tetrachloroethene	10.86	164	7536	2.619	ug/l	90
65) Chlorobenzene	11.66	112	21161	2.504	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	6347	2.221	ug/l	94
67) Ethyl Benzene	11.73	91	37583	2.487	ug/l	93
68) m/p-Xylenes	11.84	106	28251	4.680	ug/l	100
69) o-Xylene	12.17	106	12931	2.282	ug/l	95
70) Styrene	12.18	104	19490	2.138	ug/l	98
71) Bromoform	12.35	173	3247	2.114	ug/l #	98
73) Isopropylbenzene	12.46	105	35840	2.367	ug/l	97
74) N-amyl acetate	12.27	43	7516	1.971	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.72	83	6188	2.501	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	7865	4.313	ug/l #	100
77) Bromobenzene	12.75	156	8581	2.398	ug/l	95
78) n-propylbenzene	12.80	91	43199	2.332	ug/l	95
79) 2-Chlorotoluene	12.89	91	25611	2.436	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	29682	2.256	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.62	75	107074	142.746	ug/l #	6
82) 4-Chlorotoluene	12.99	91	26830	2.421	ug/l	99
83) tert-Butylbenzene	13.21	119	25283	2.222	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	30144	2.213	ug/l	99
85) sec-Butylbenzene	13.38	105	36809	2.250	ug/l	98
86) p-Isopropyltoluene	13.50	119	33418	2.228	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	18368	2.474	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	18957	2.591	ug/l	86
89) n-Butylbenzene	13.83	91	30828	2.194	ug/l	99
90) Hexachloroethane	14.09	117	5475	2.230	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	16573	2.506	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1243	2.777	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022519\
Quantitation Report (Not Reviewed)

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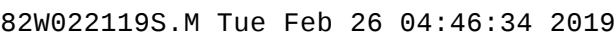
Instrument :
MSVOA_W
ClientSampleId :
BFB

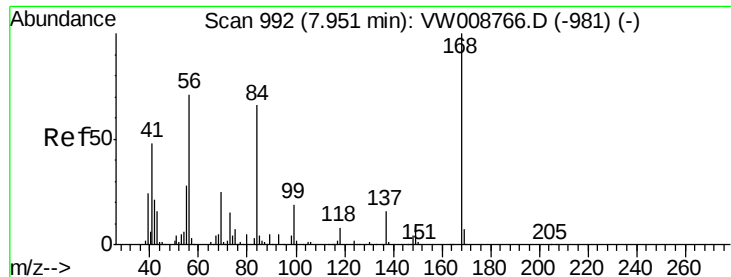
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	11878	2.492	ug/l	97
94) Hexachlorobutadiene	15.24	225	7235	2.577	ug/l	98
95) Naphthalene	15.37	128	16383	2.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	10421	2.529	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

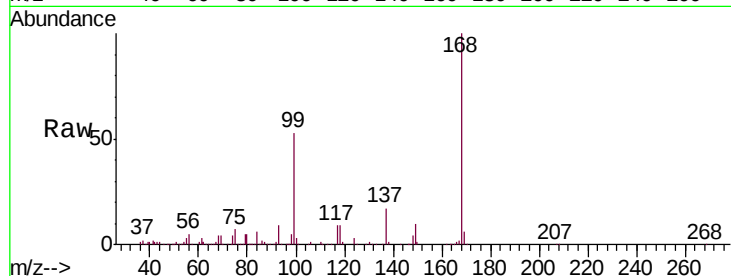
BFB

Tgt Ion:168 Resp: 277183

Ion Ratio Lower Upper

168 100

99 53.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

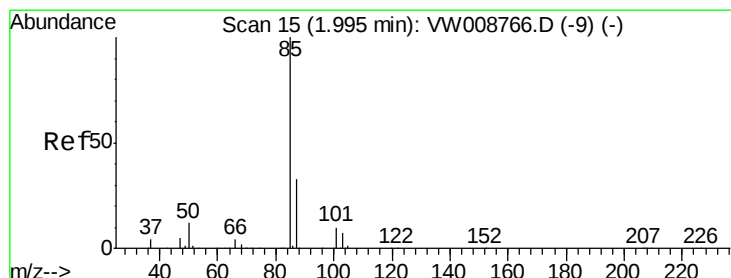
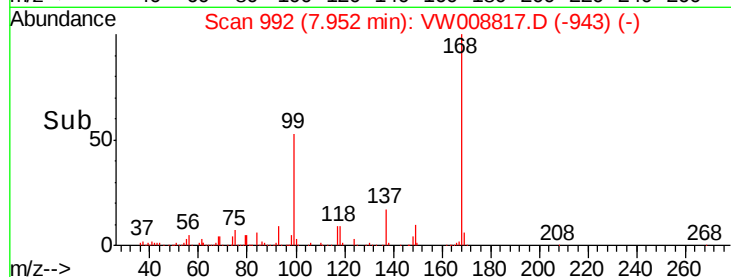
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.797 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008817.D

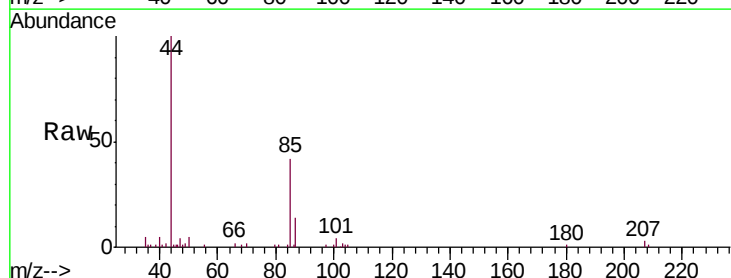
Acq: 25 Feb 2019 19:50

Tgt Ion: 85 Resp: 7764

Ion Ratio Lower Upper

85 100

87 33.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

5000

4000

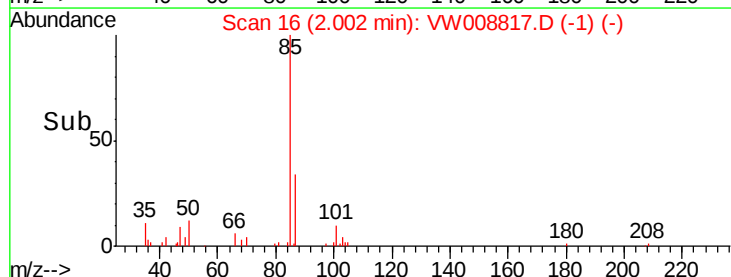
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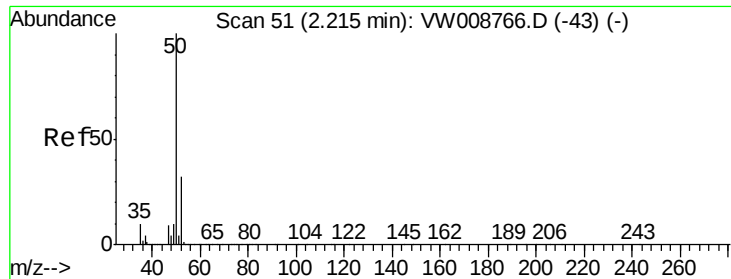
2000

1000

0

Time-->





#3

Chloromethane

Concen: 2.664 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

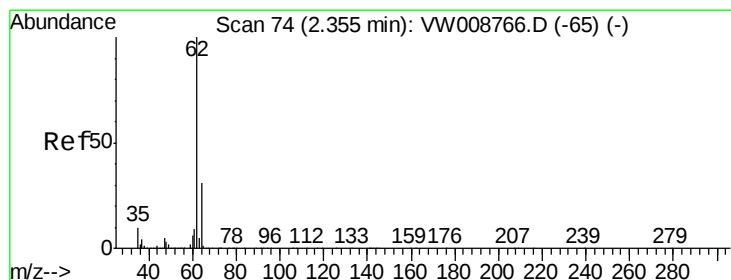
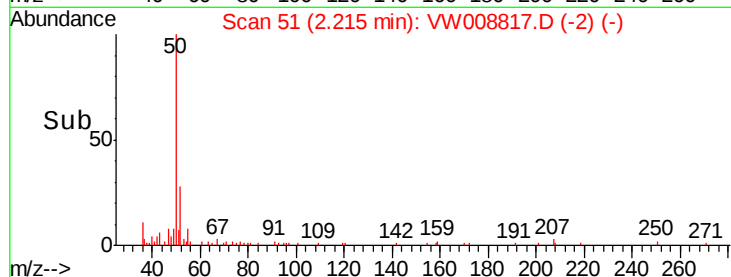
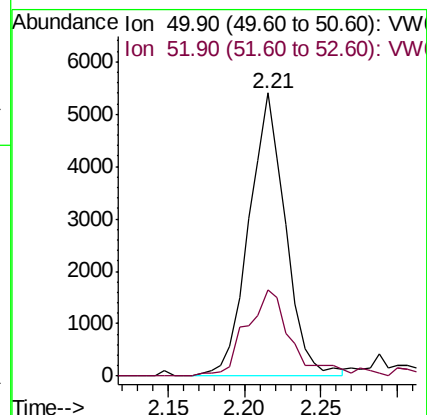
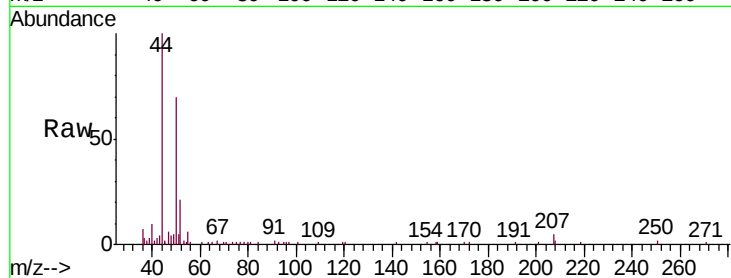
BFB

Tgt Ion: 50 Resp: 9002

Ion Ratio Lower Upper

50 100

52 30.7 25.9 38.9



#4

Vinyl Chloride

Concen: 2.475 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008817.D

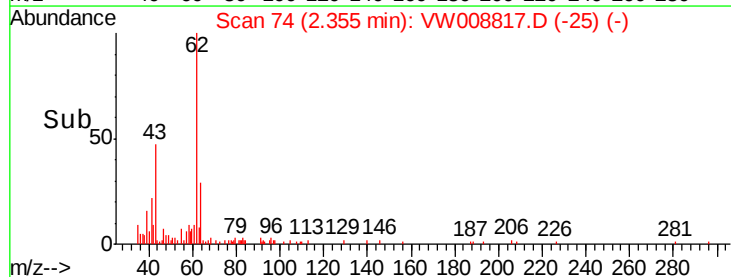
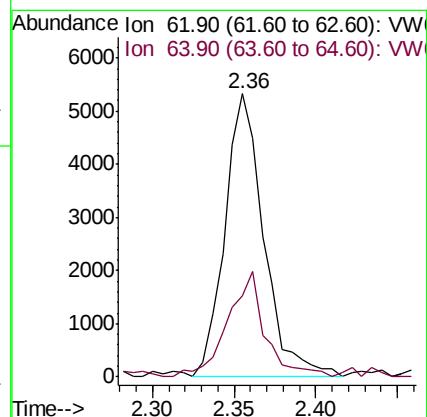
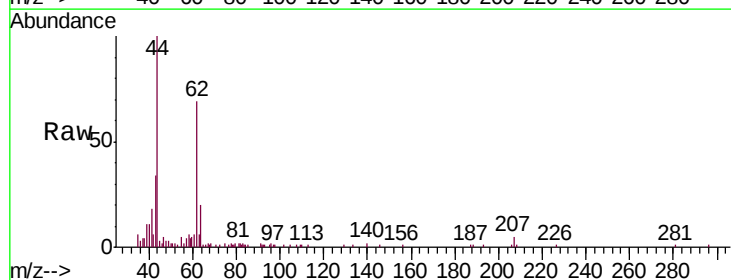
Acq: 25 Feb 2019 19:50

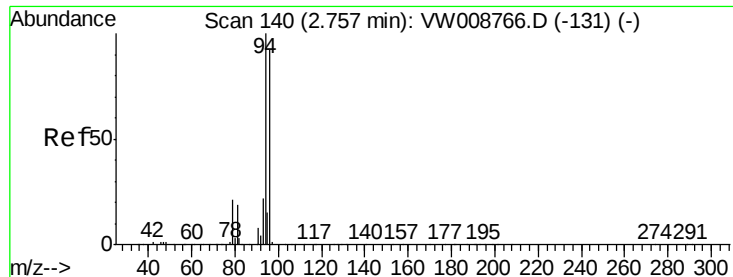
Tgt Ion: 62 Resp: 8854

Ion Ratio Lower Upper

62 100

64 27.1 24.9 37.3





#5

Bromomethane

Concen: 3.069 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

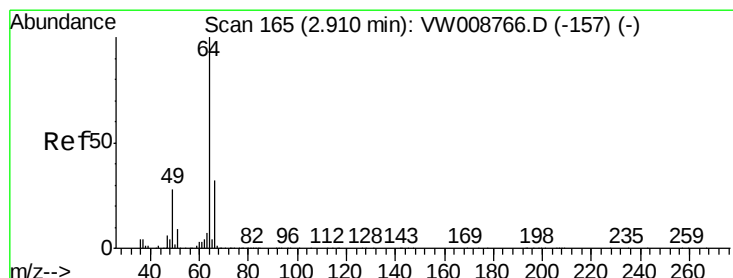
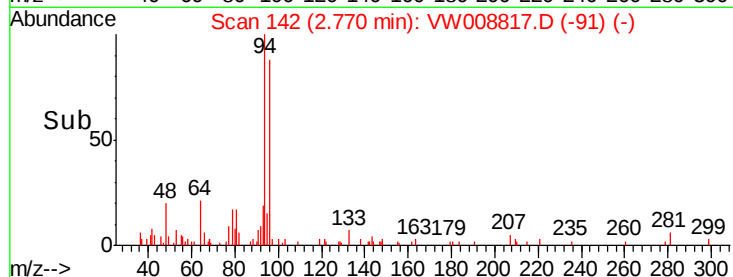
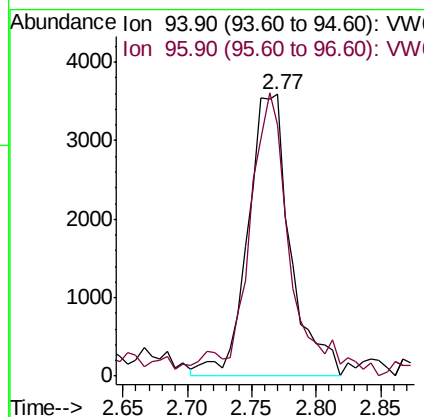
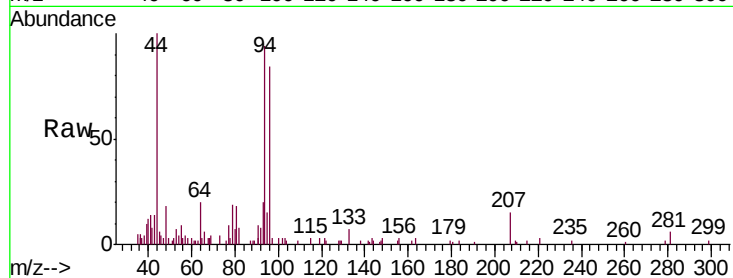
BFB

Tgt Ion: 94 Resp: 8155

Ion Ratio Lower Upper

94 100

96 85.1 73.4 110.2



#6

Chloroethane

Concen: 2.582 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW008817.D

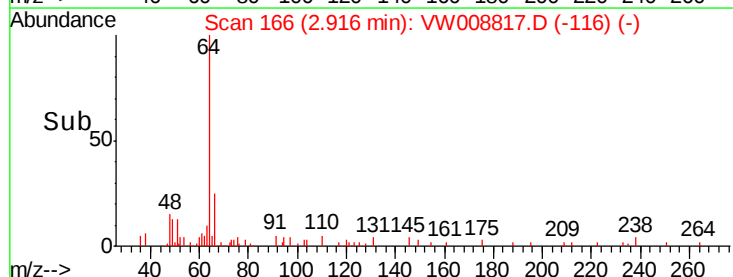
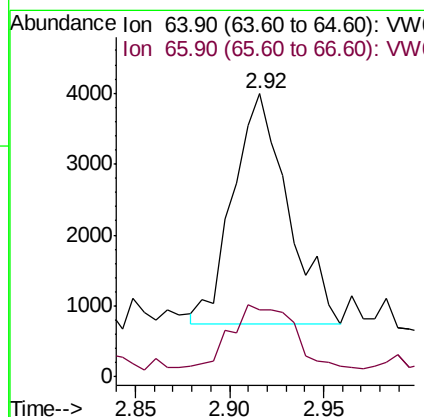
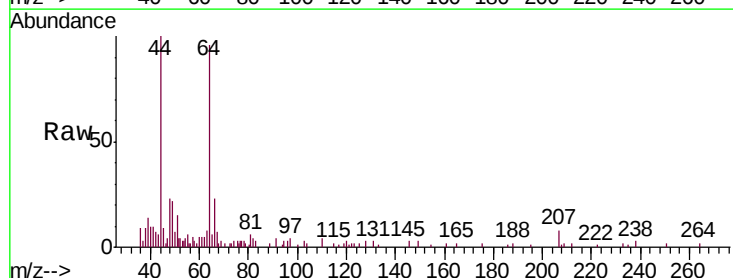
Acq: 25 Feb 2019 19:50

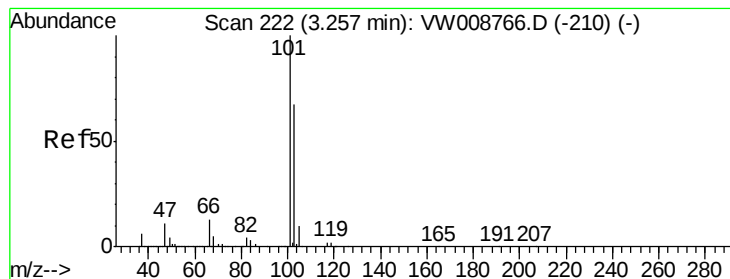
Tgt Ion: 64 Resp: 6559

Ion Ratio Lower Upper

64 100

66 24.4 25.5 38.3#



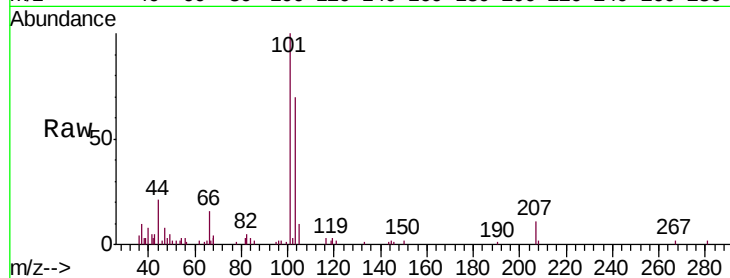


#7

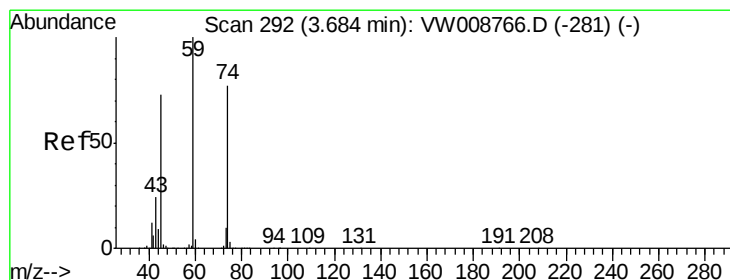
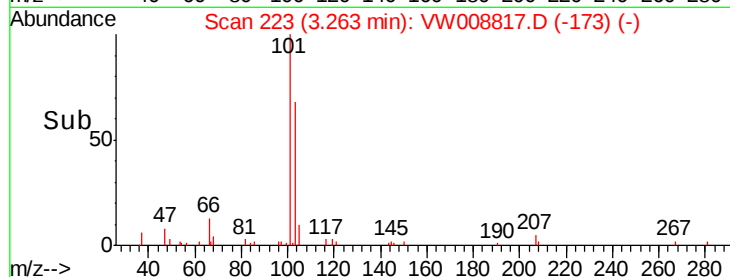
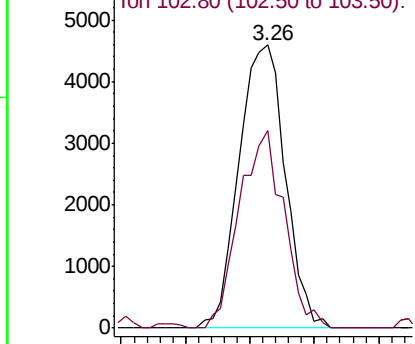
Trichlorofluoromethane
Concen: 2.528 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
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Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion:101 Resp: 11439
Ion Ratio Lower Upper
101 100
103 69.9 53.9 80.9



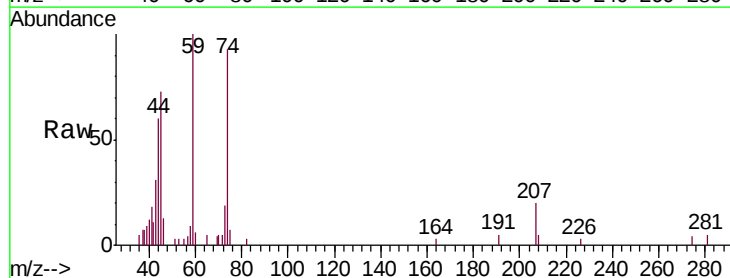
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



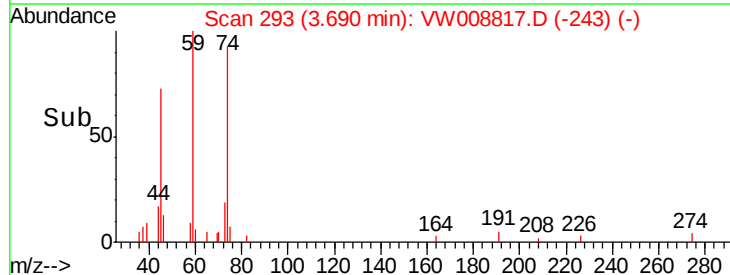
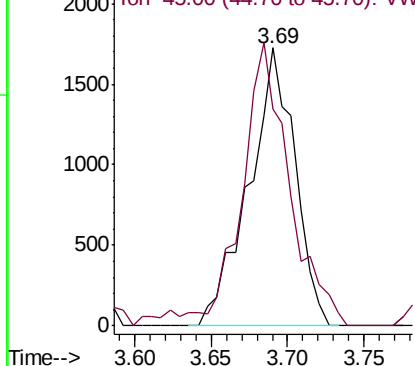
#8

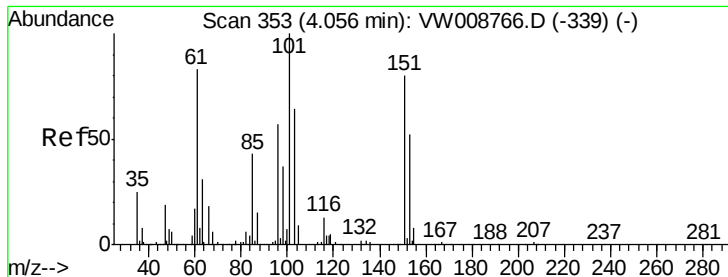
Diethyl Ether
Concen: 2.516 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.01 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Tgt Ion: 74 Resp: 3605
Ion Ratio Lower Upper
74 100
45 103.2 50.2 150.6



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.665 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

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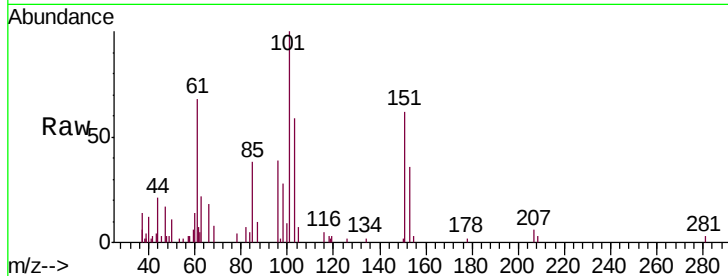
Tgt Ion:101 Resp: 7324

Ion Ratio Lower Upper

101 100

85 47.6 36.0 54.0

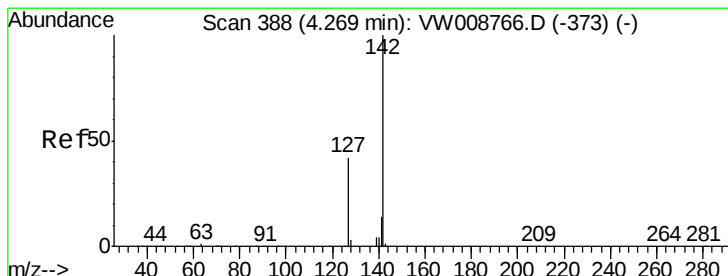
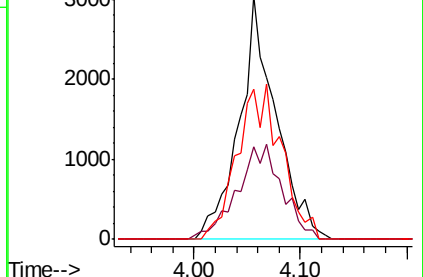
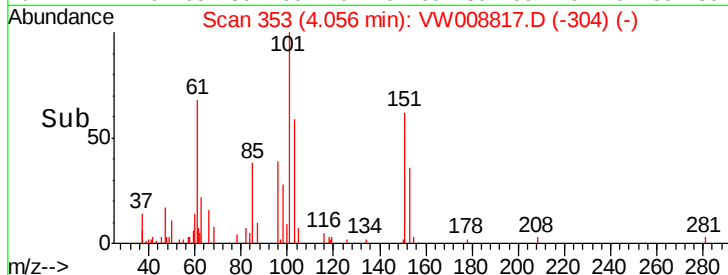
151 76.1 65.5 98.3



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: 1.690 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

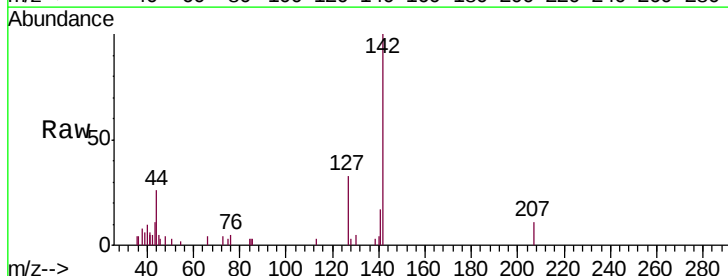
Tgt Ion:142 Resp: 5808

Ion Ratio Lower Upper

142 100

127 45.6 35.3 52.9

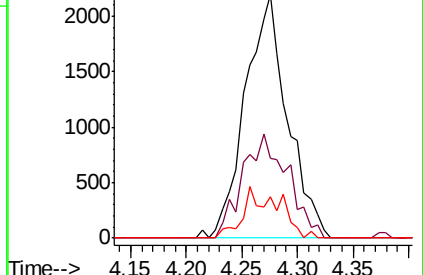
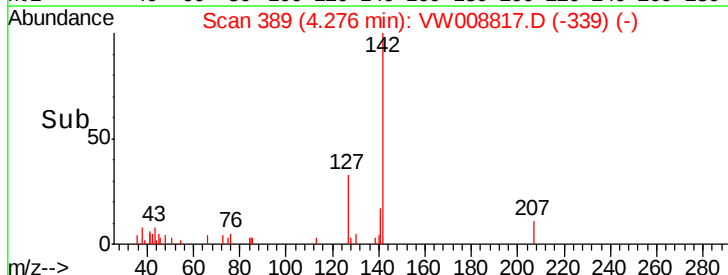
141 9.3 11.7 17.5#

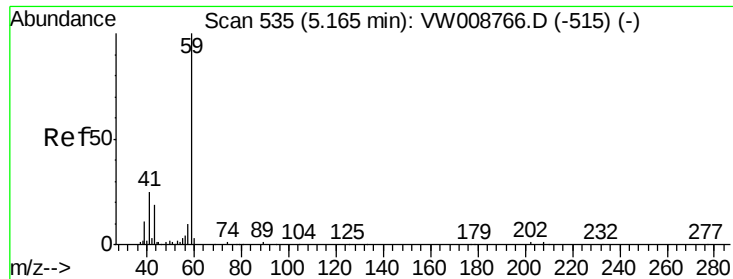


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



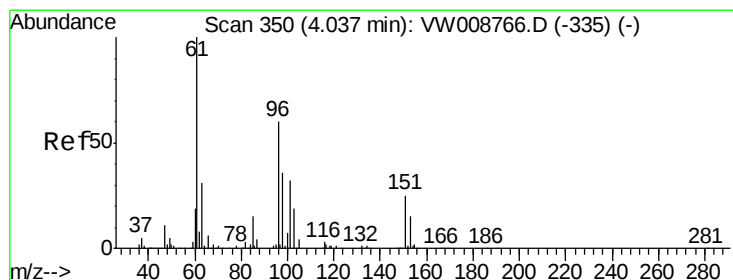
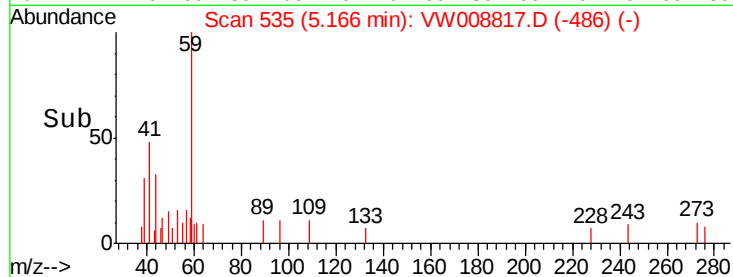
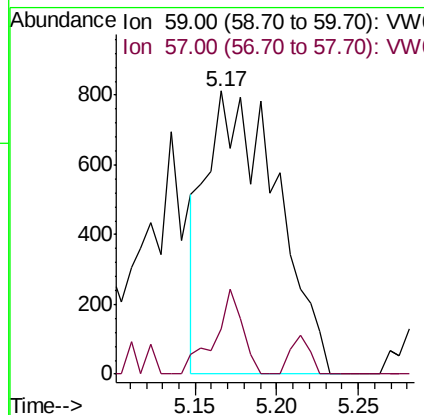
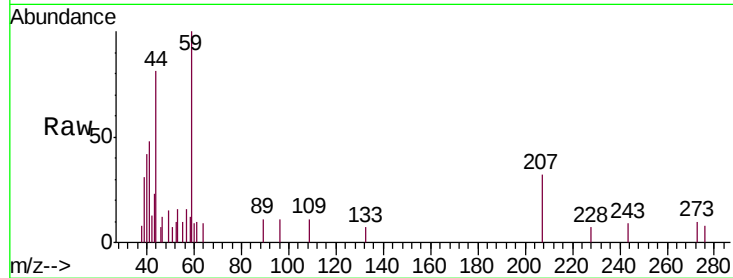


#11

Tert butyl alcohol
Concen: 10.620 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Instrument :
MSVOA_W
ClientSampled :
BFB

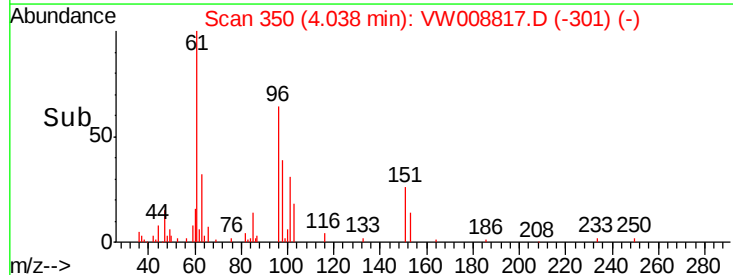
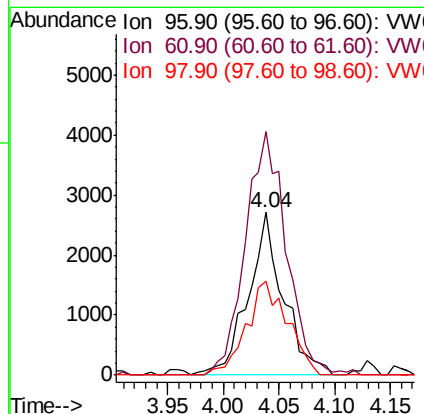
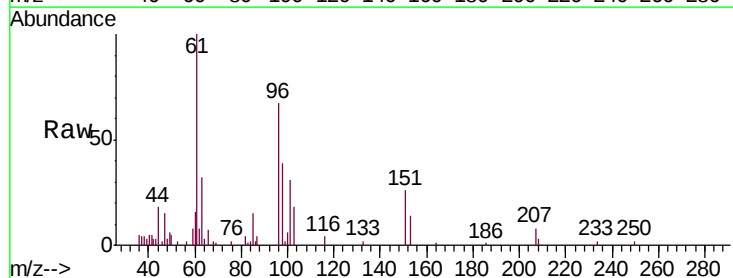
Tgt Ion: 59 Resp: 2458
Ion Ratio Lower Upper
59 100
57 11.7 9.3 13.9

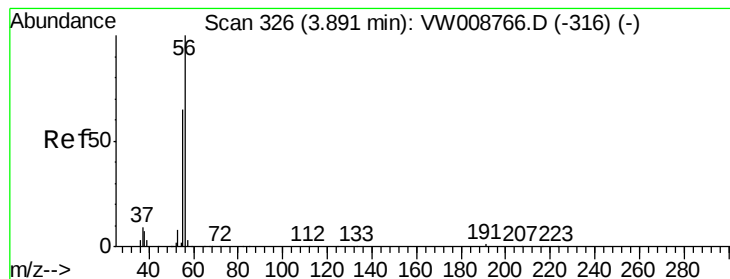


#12

1,1-Dichloroethene
Concen: 2.461 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Tgt Ion: 96 Resp: 5972
Ion Ratio Lower Upper
96 100
61 149.5 132.5 198.7
98 57.8 48.2 72.4





#13

Acrolein

Concen: 29.591 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampled :

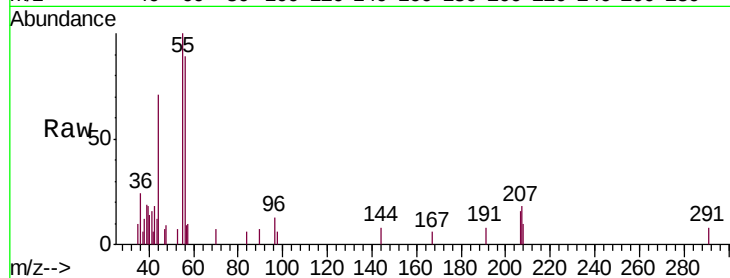
BFB

Tgt Ion: 56 Resp: 2601

Ion Ratio Lower Upper

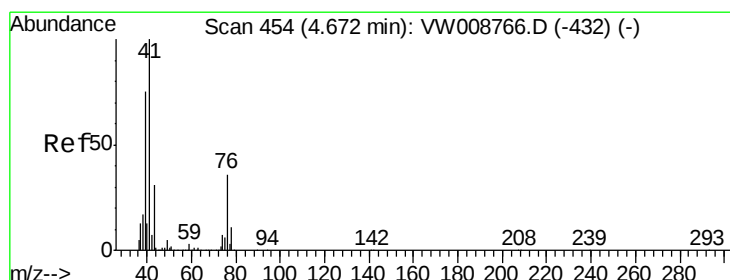
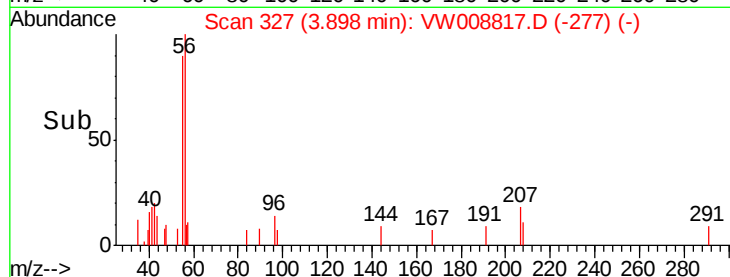
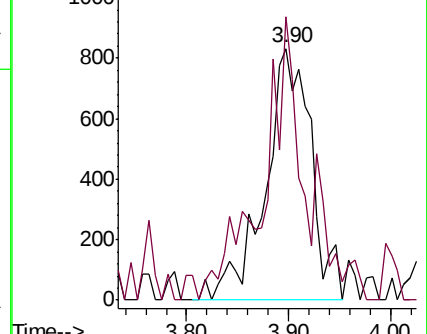
56 100

55 56.6 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 2.252 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

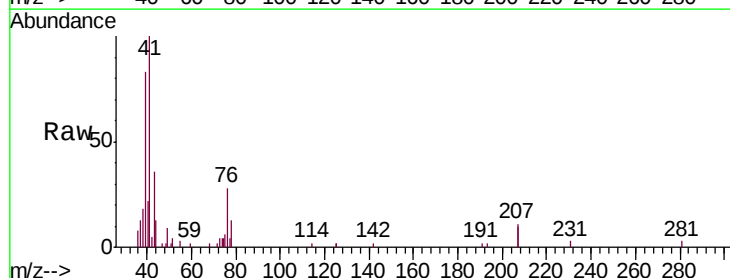
Tgt Ion: 41 Resp: 9434

Ion Ratio Lower Upper

41 100

39 85.2 60.6 91.0

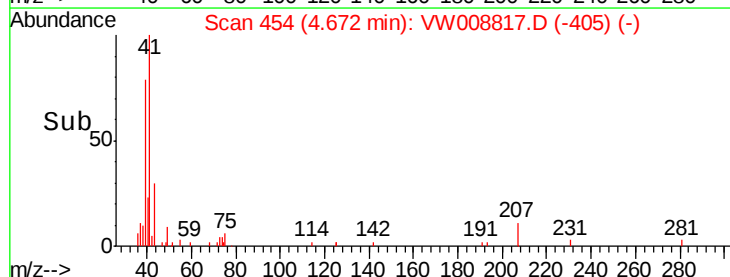
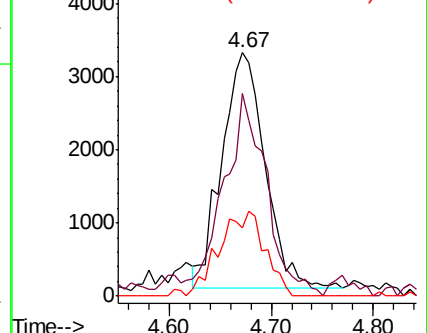
76 38.1 28.6 42.8



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 11.866 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

BFB

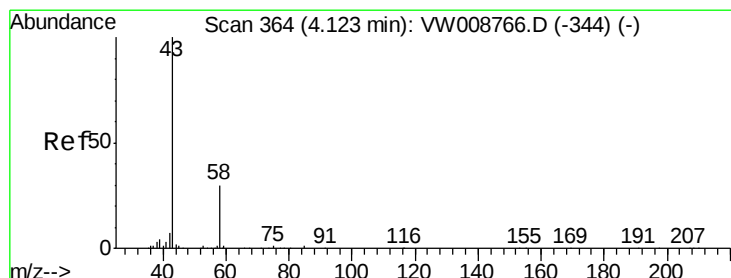
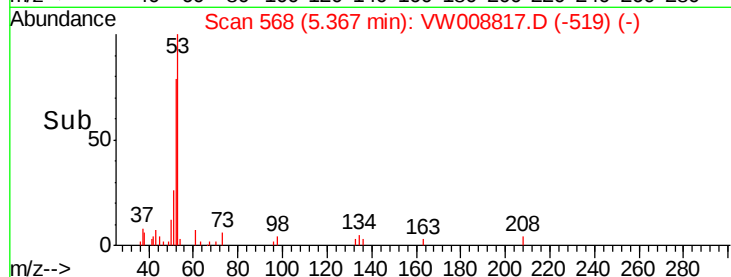
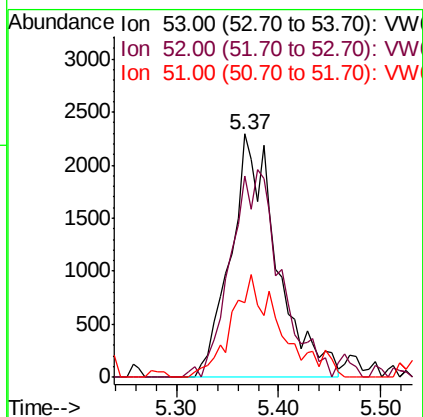
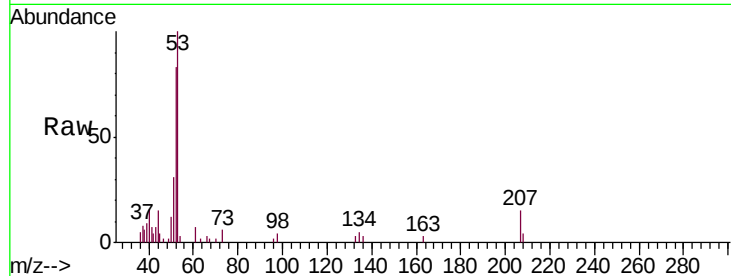
Tgt Ion: 53 Resp: 7296

Ion Ratio Lower Upper

53 100

52 91.0 67.2 100.8

51 42.2 31.1 46.7



#16

Acetone

Concen: 11.294 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008817.D

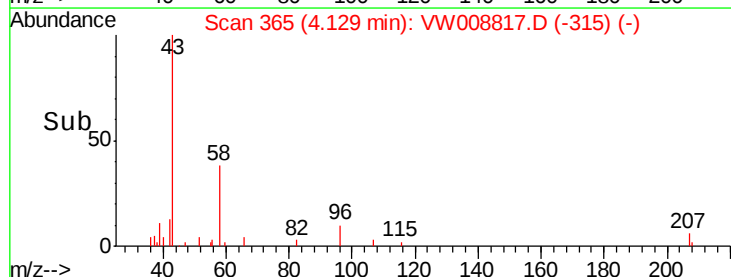
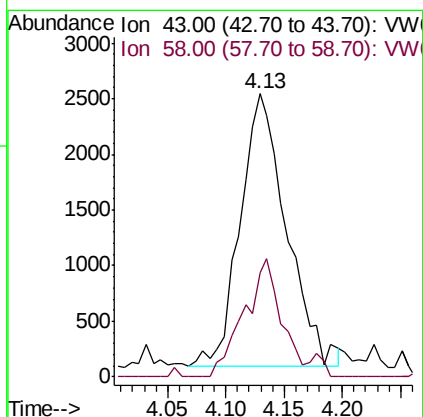
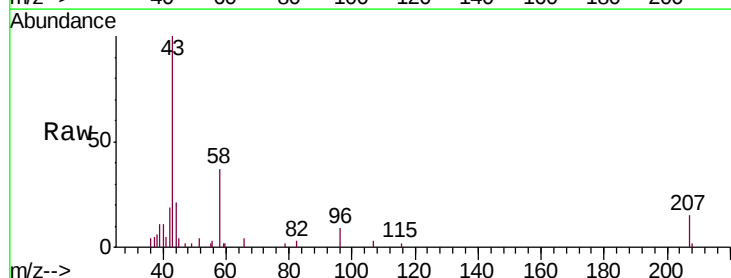
Acq: 25 Feb 2019 19:50

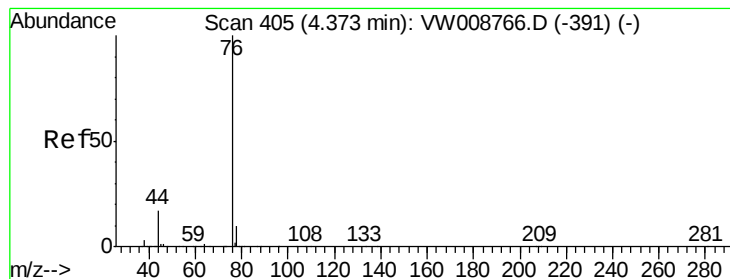
Tgt Ion: 43 Resp: 6806

Ion Ratio Lower Upper

43 100

58 38.2 23.8 35.6#





#17

Carbon Disulfide

Concen: 2.237 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

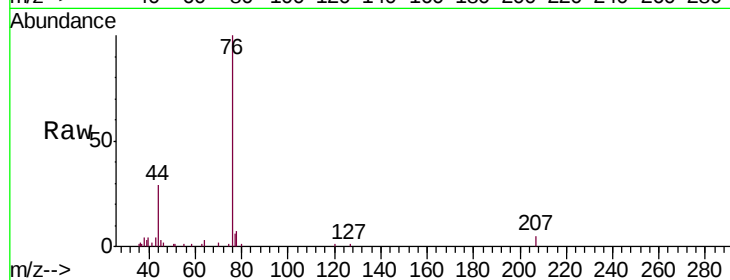
BFB

Tgt Ion: 76 Resp: 18009

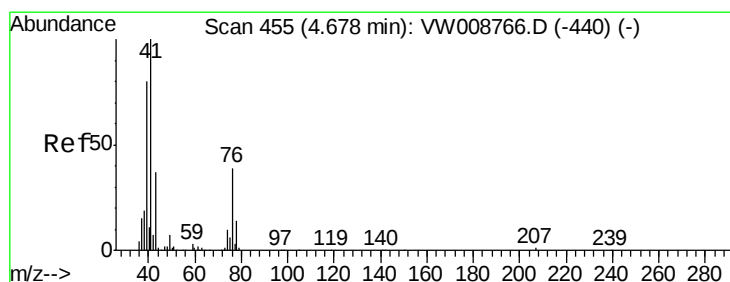
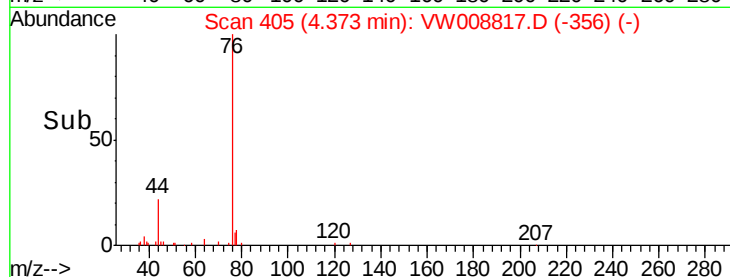
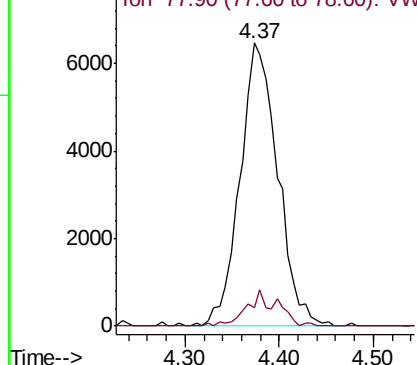
Ion Ratio Lower Upper

76 100

78 6.6 7.8 11.8#



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



#18

Methyl Acetate

Concen: 1.440 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW008817.D

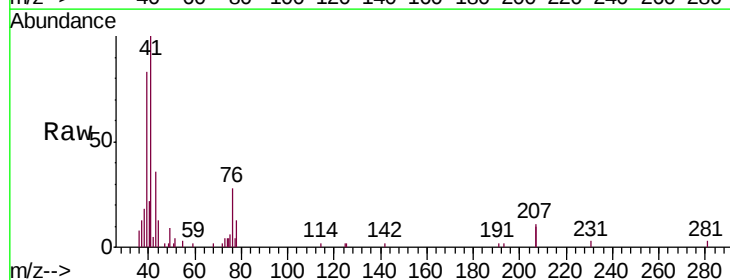
Acq: 25 Feb 2019 19:50

Tgt Ion: 43 Resp: 2058

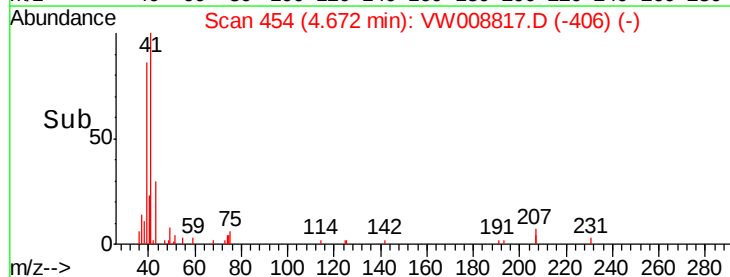
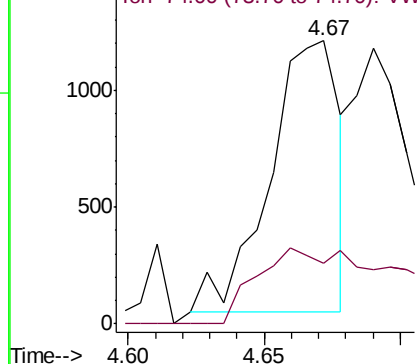
Ion Ratio Lower Upper

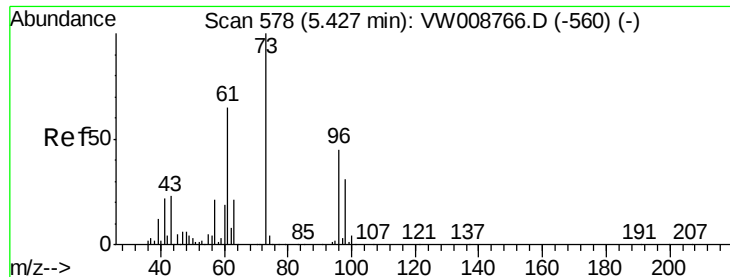
43 100

74 64.0 19.4 29.2#



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

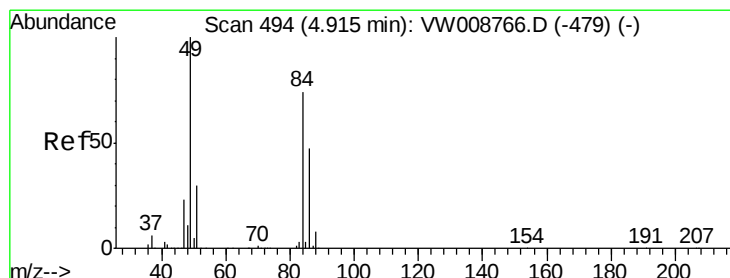
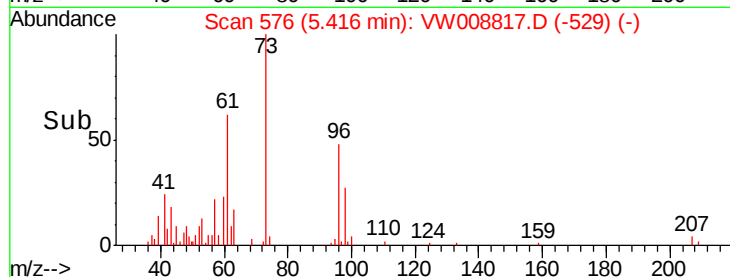
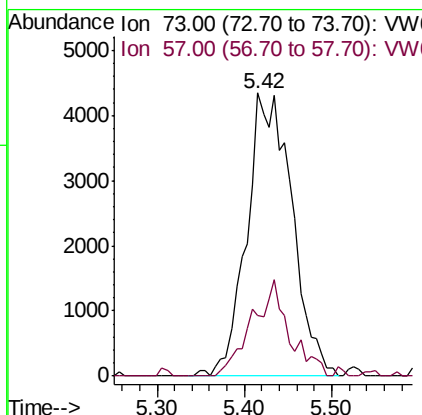
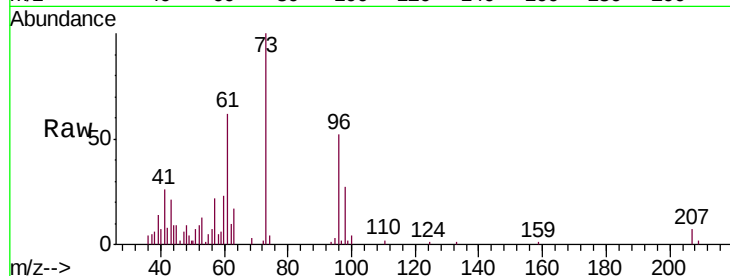




#19
Methyl tert-butyl Ether
Concen: 2.379 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

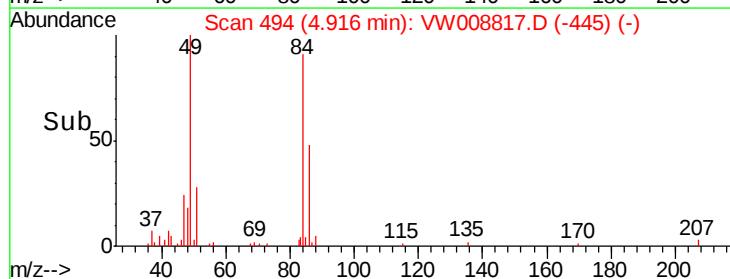
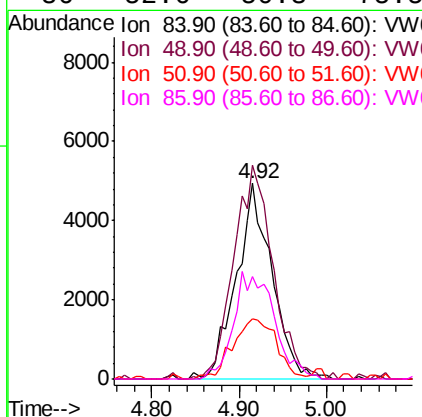
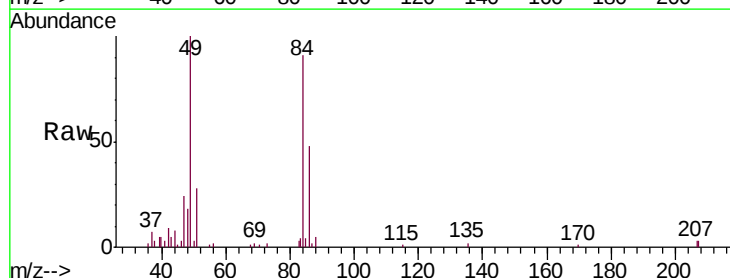
Instrument :
MSVOA_W
ClientSampleId :
BFB

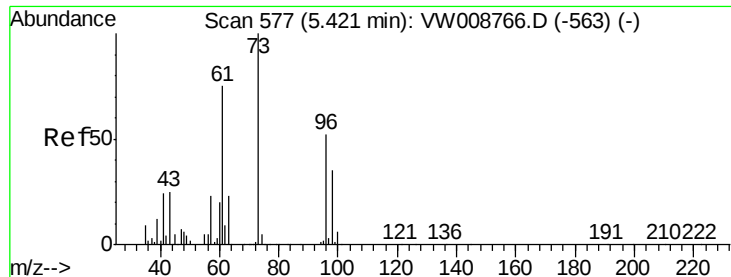
Tgt Ion: 73 Resp: 15626
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Tgt Ion: 84 Resp: 14023
Ion Ratio Lower Upper
84 100
49 109.3 108.2 162.2
51 30.9 32.7 49.1#
86 52.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 2.587 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

BFB

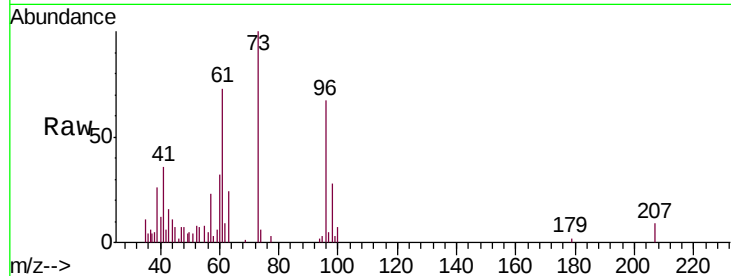
Tgt Ion: 96 Resp: 7263

Ion Ratio Lower Upper

96 100

61 104.5 114.6 171.8#

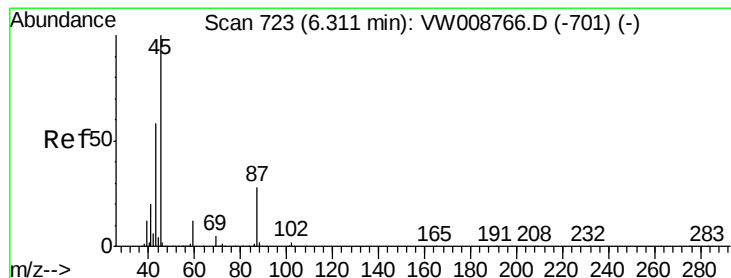
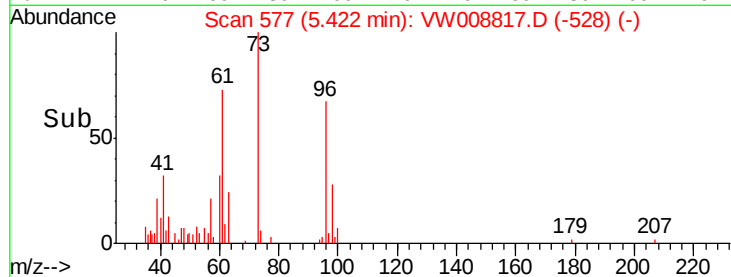
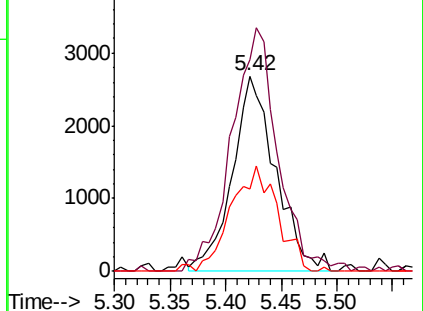
98 42.3 54.0 81.0#



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: 2.378 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Tgt Ion: 45 Resp: 19870

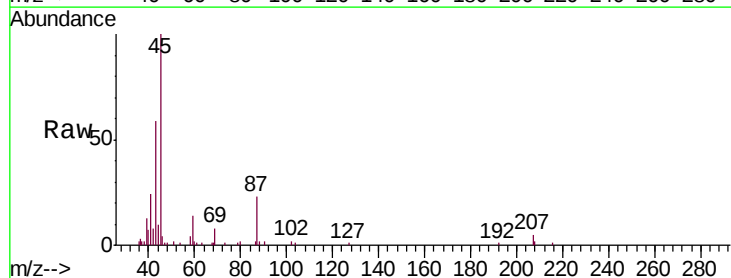
Ion Ratio Lower Upper

45 100

43 55.6 46.1 69.1

87 21.9 22.2 33.4#

59 14.0 10.0 15.0

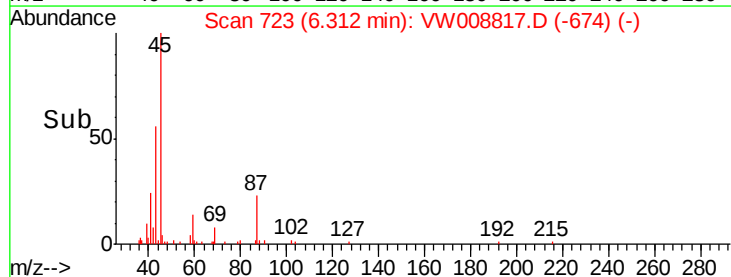
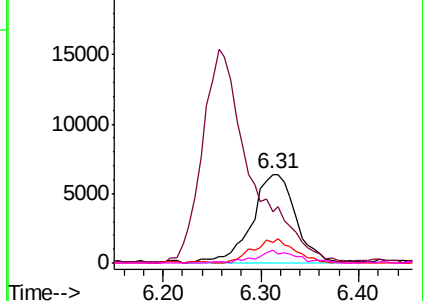


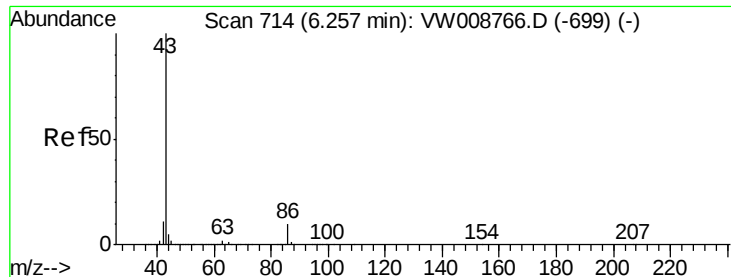
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 10.252 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

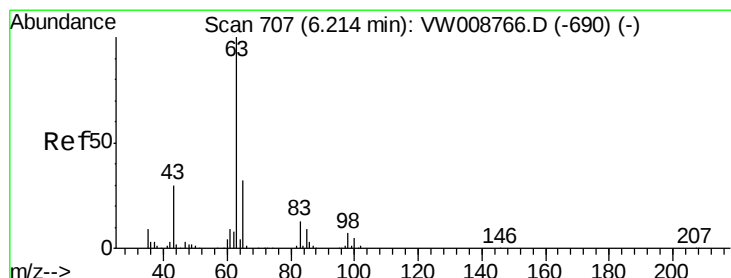
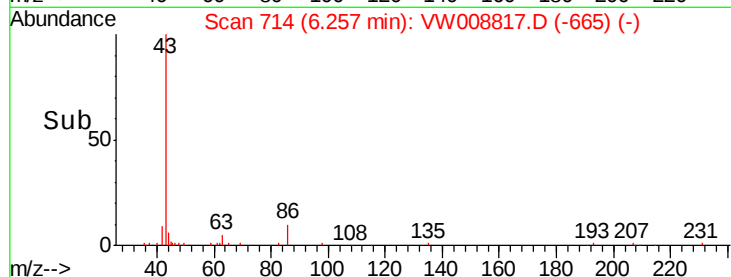
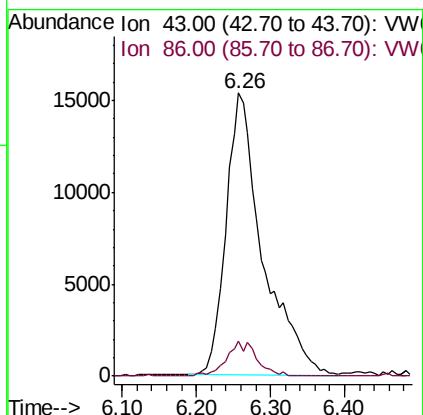
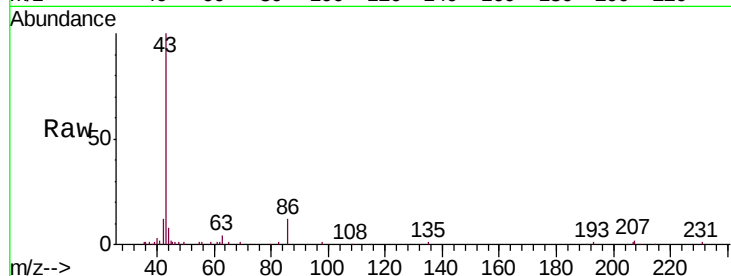
BFB

Tgt Ion: 43 Resp: 52929

Ion Ratio Lower Upper

43 100

86 12.5 8.1 12.1#



#24

1,1-Dichloroethane

Concen: 2.434 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

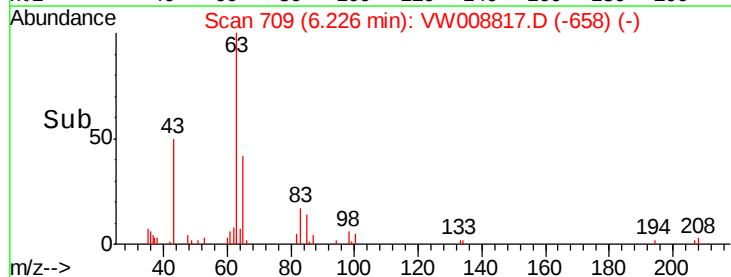
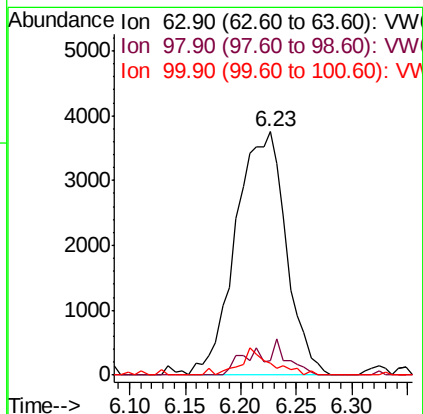
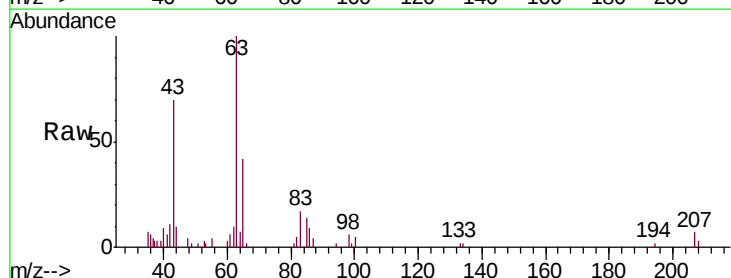
Tgt Ion: 63 Resp: 11787

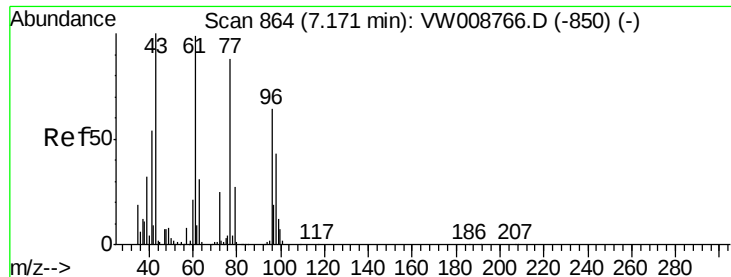
Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.6

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 14.128 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

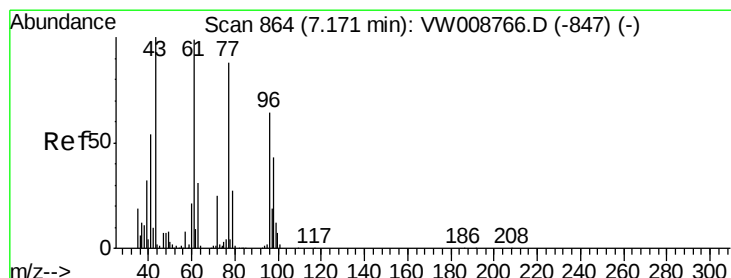
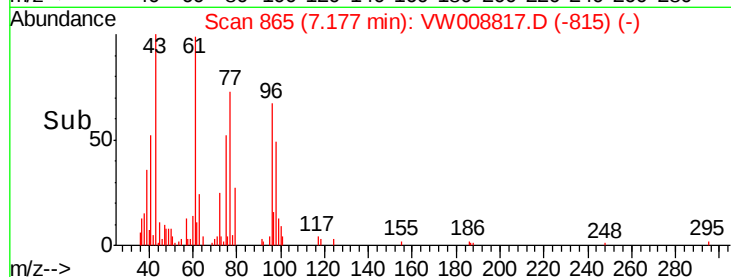
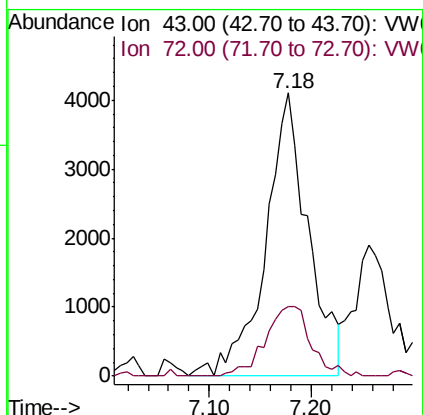
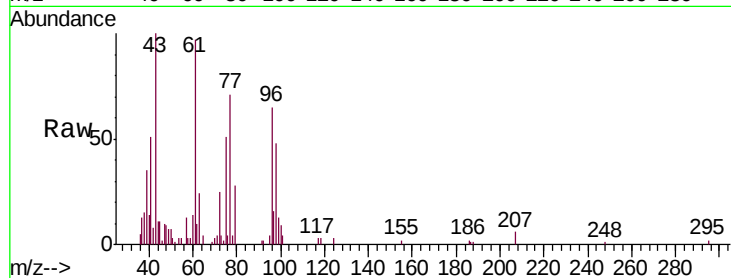
BFB

Tgt Ion: 43 Resp: 11902

Ion Ratio Lower Upper

43 100

72 24.6 19.7 29.5



#26

2,2-Dichloropropane

Concen: 2.451 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008817.D

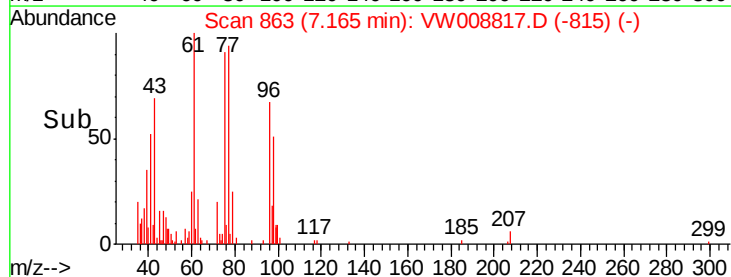
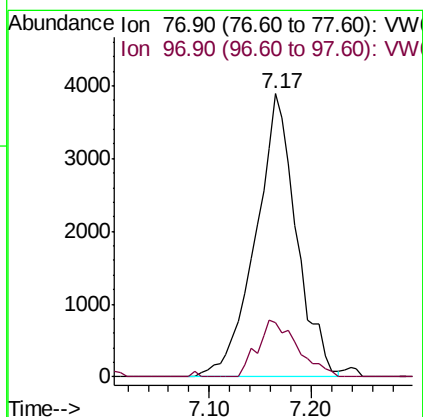
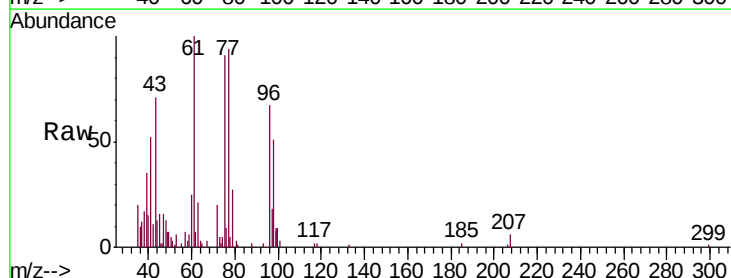
Acq: 25 Feb 2019 19:50

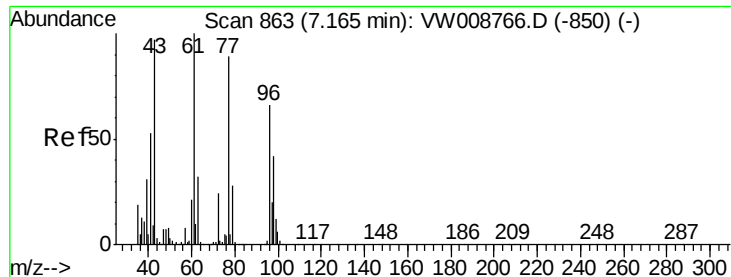
Tgt Ion: 77 Resp: 10775

Ion Ratio Lower Upper

77 100

97 19.8 11.0 33.0



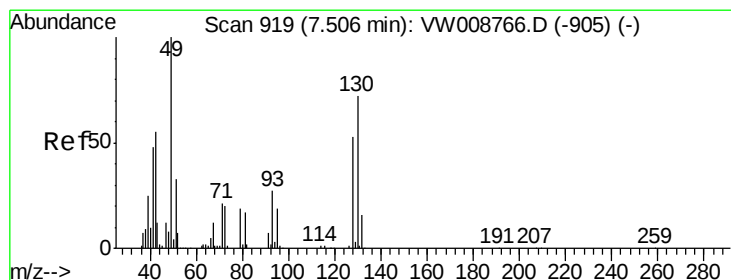
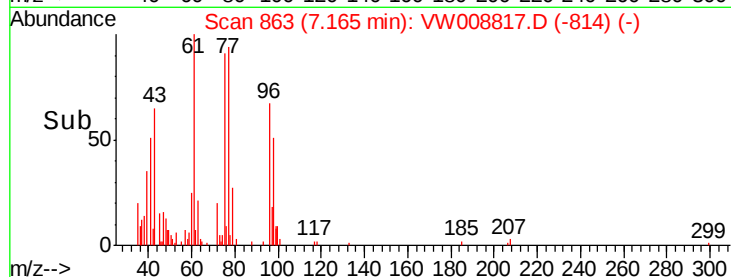
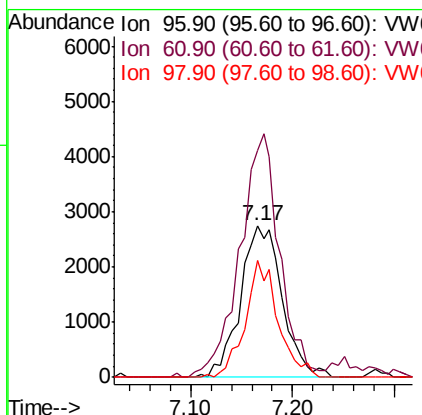
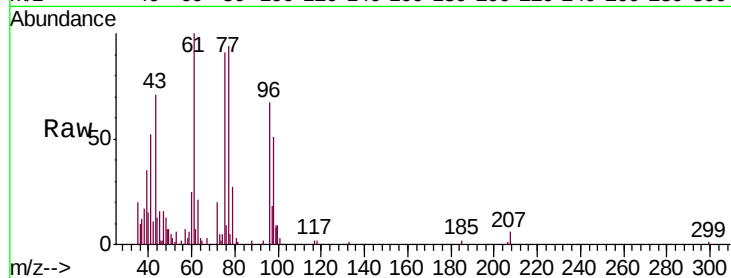


#27

cis-1,2-Dichloroethene
 Concen: 2.605 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Instrument :
 MSVOA_W
 ClientSampled :
 BFB

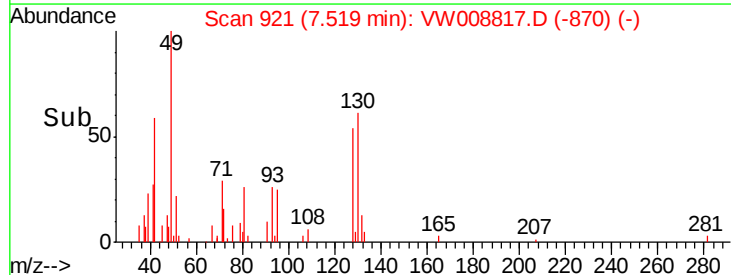
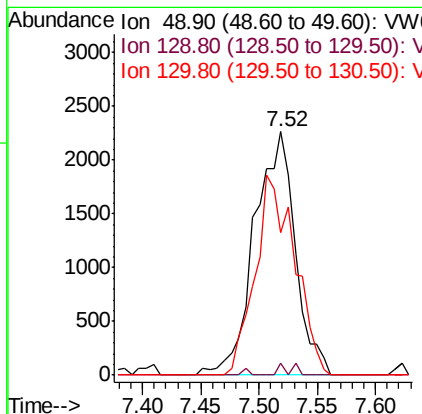
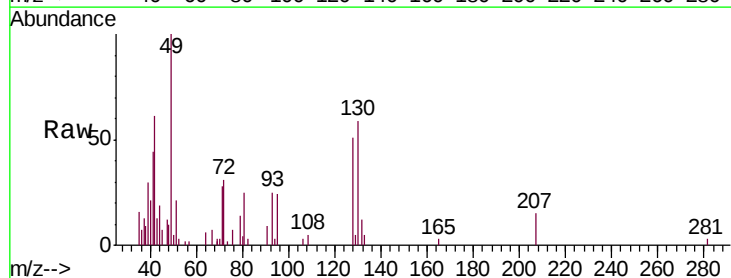
Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	302.6
98	60.3	0.0	130.0

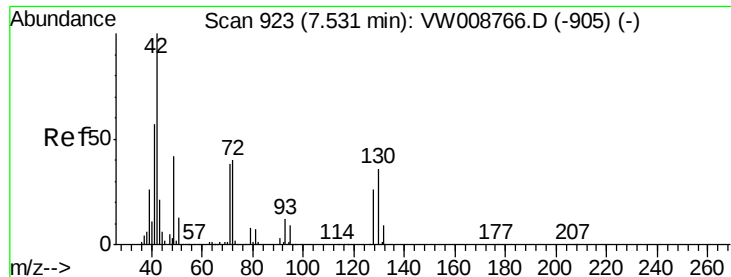


#28

Bromochloromethane
 Concen: 2.702 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.6
130	79.9	61.3	91.9

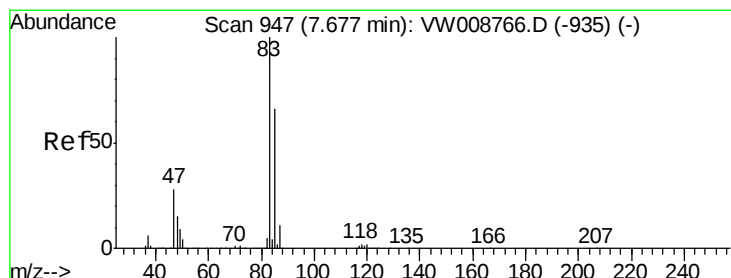
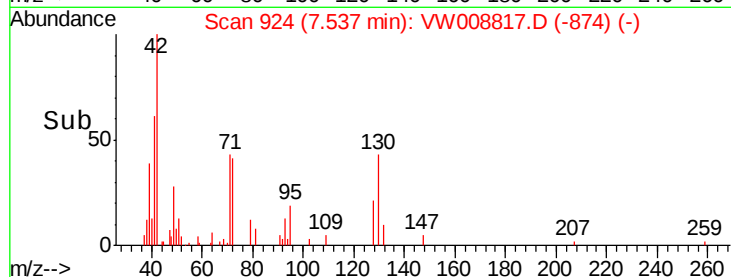
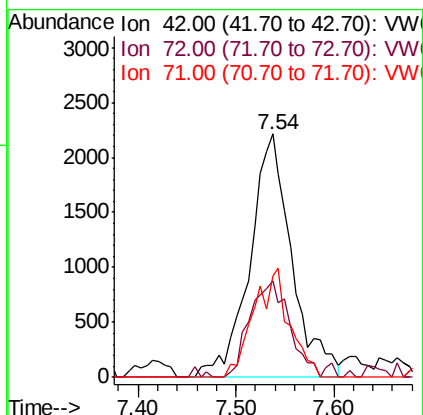
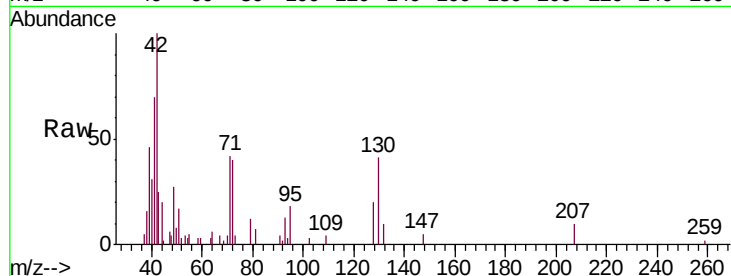




#29
Tetrahydrofuran
Concen: 12.310 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

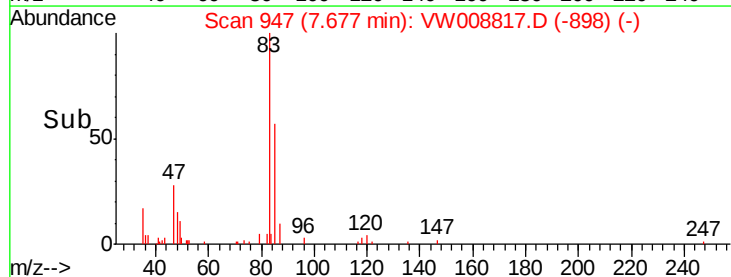
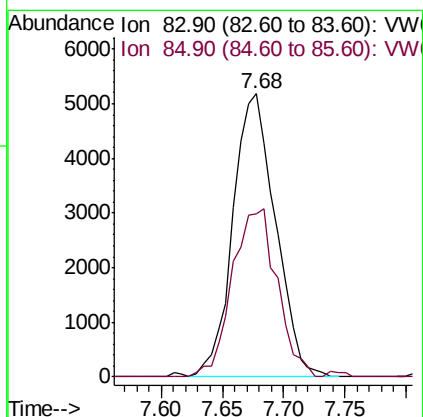
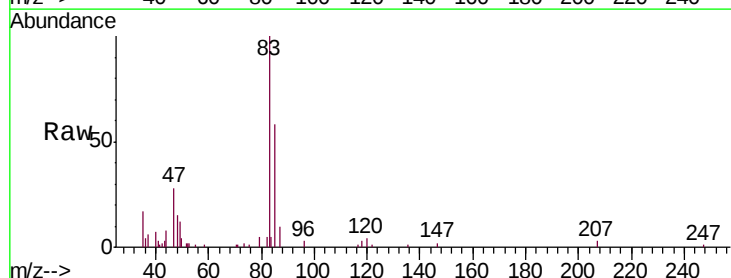
Instrument :
MSVOA_W
ClientSampleId :
BFB

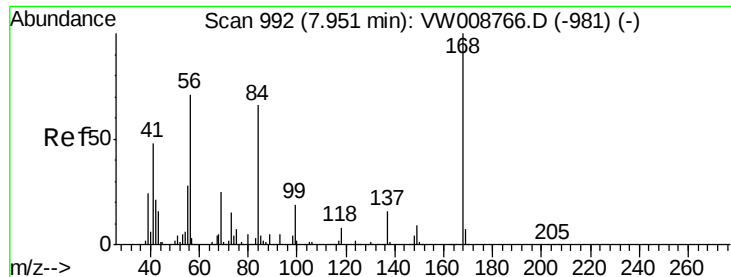
Tgt Ion: 42 Resp: 6609
Ion Ratio Lower Upper
42 100
72 37.4 32.7 49.1
71 38.1 31.3 46.9



#30
Chloroform
Concen: 2.514 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Tgt Ion: 83 Resp: 12487
Ion Ratio Lower Upper
83 100
85 57.8 52.6 79.0





#31

Cyclohexane

Concen: 3.282 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

BFB

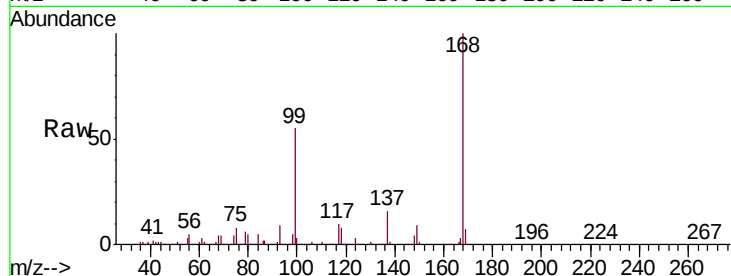
Tgt Ion: 56 Resp: 16085

Ion Ratio Lower Upper

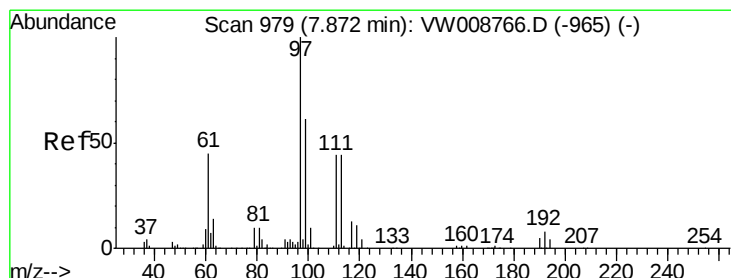
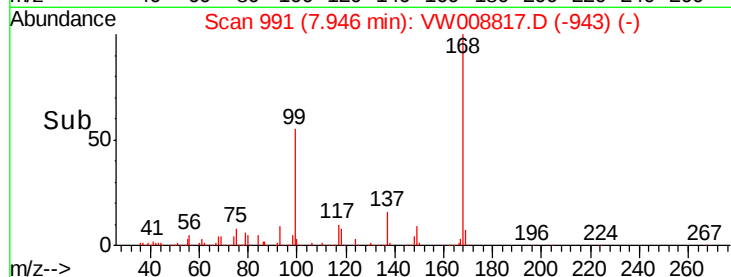
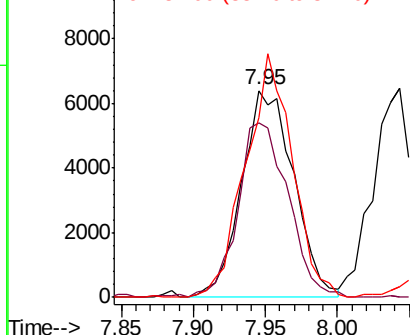
56 100

69 84.1 28.2 42.4#

84 86.9 74.1 111.1



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: 2.499 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

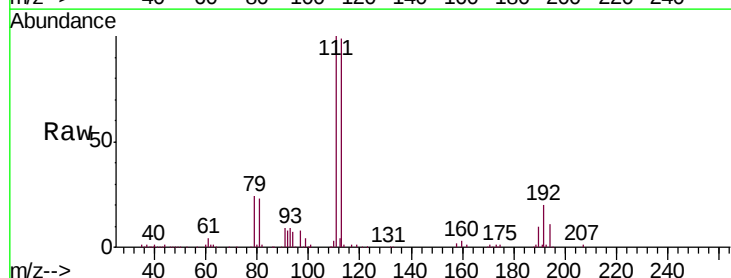
Tgt Ion: 97 Resp: 11289

Ion Ratio Lower Upper

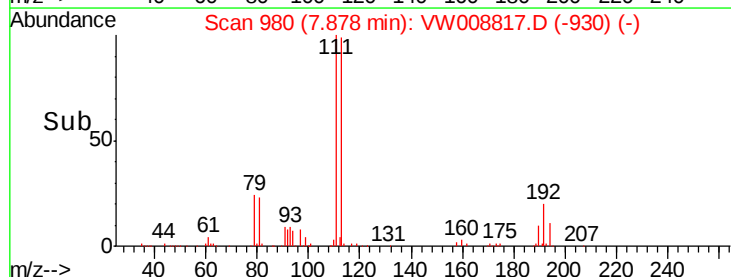
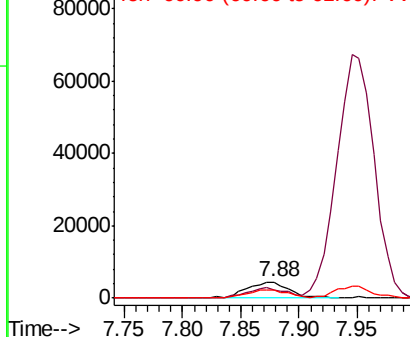
97 100

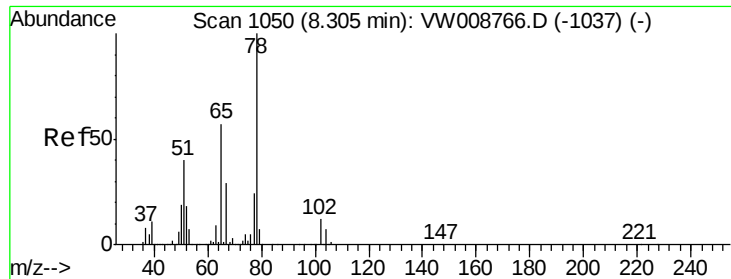
99 57.7 50.8 76.2

61 50.1 36.0 54.0



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

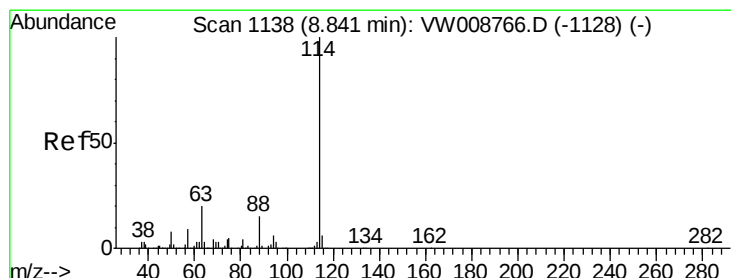
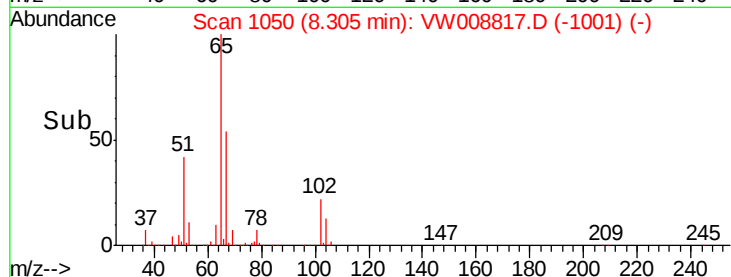
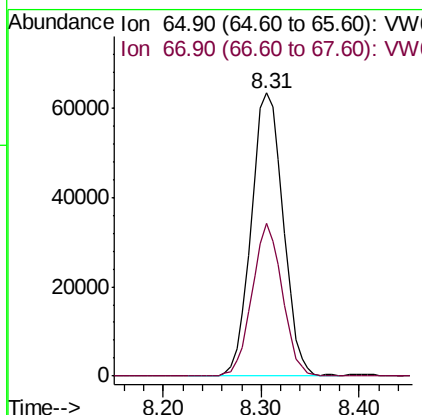
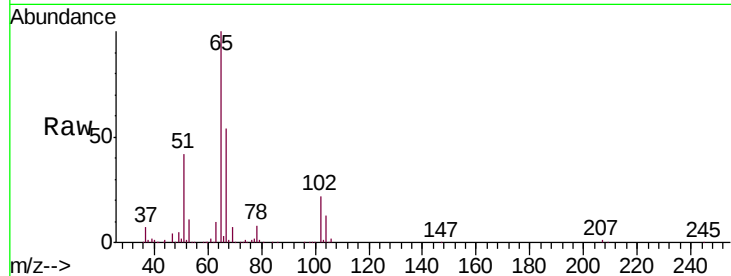




#33
 1,2-Dichloroethane-d4
 Concen: 55.247 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

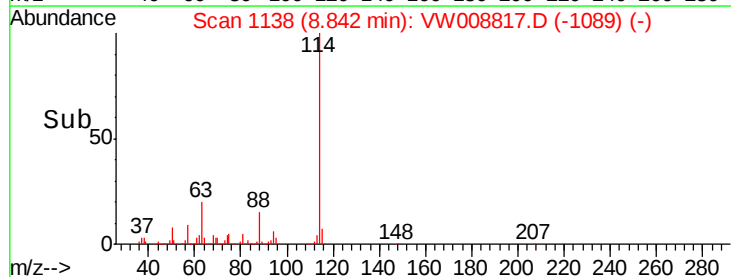
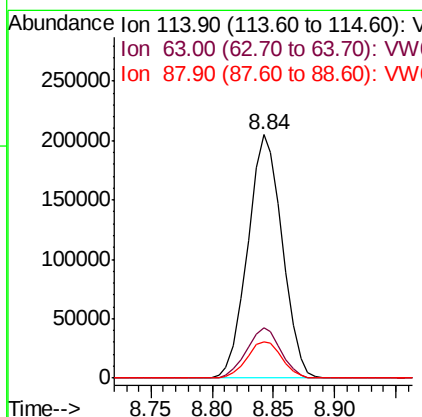
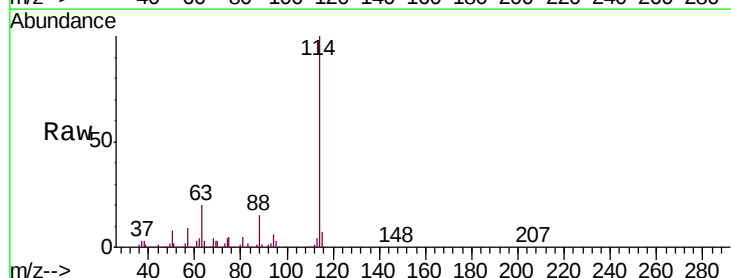
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

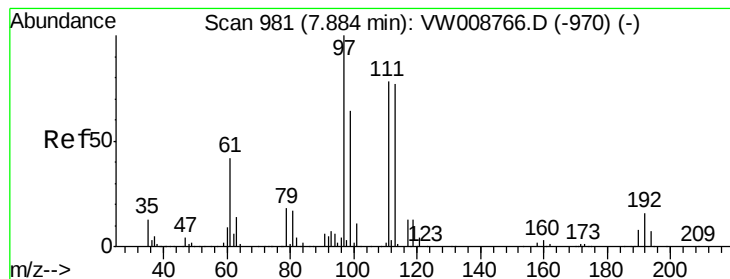
Tgt Ion: 65 Resp: 143628
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Tgt Ion: 114 Resp: 402271
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 14.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.675 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

BFB

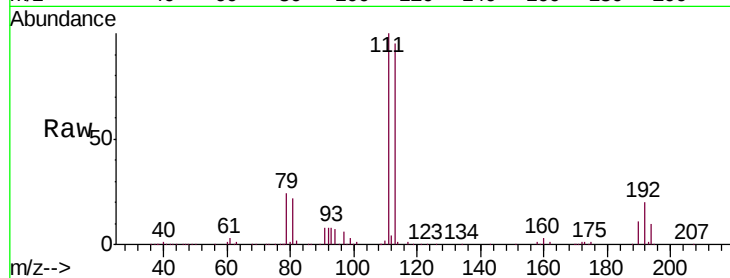
Tgt Ion:113 Resp: 129640

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

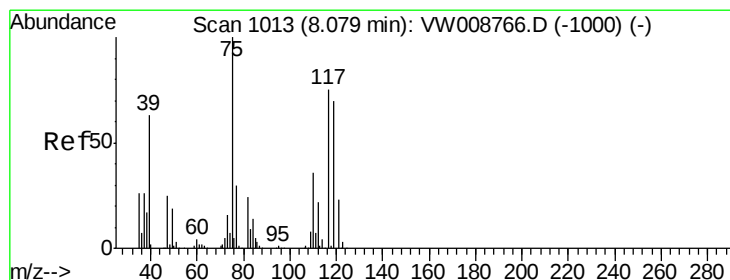
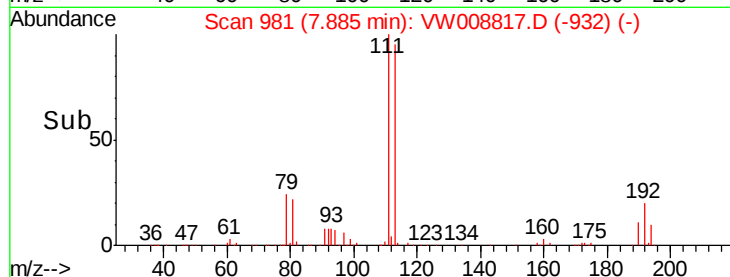
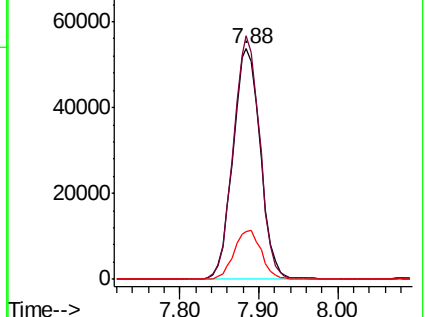
192 21.1 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 2.675 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

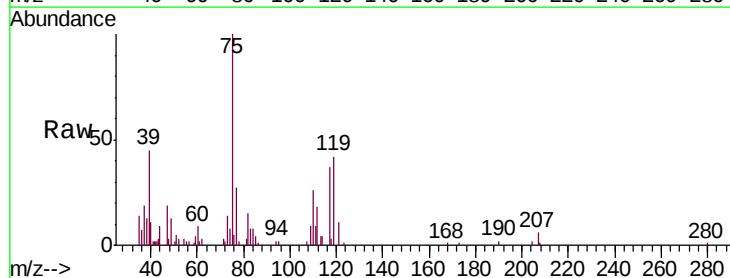
Tgt Ion: 75 Resp: 10476

Ion Ratio Lower Upper

75 100

110 33.9 17.5 52.6

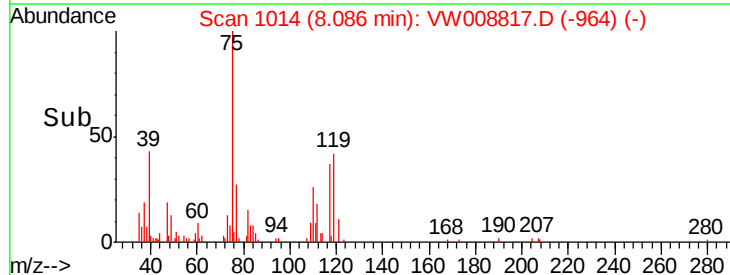
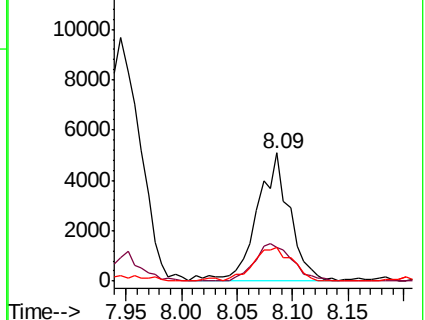
77 31.1 24.5 36.7

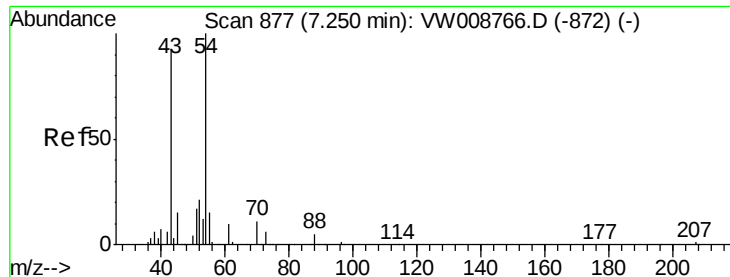


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

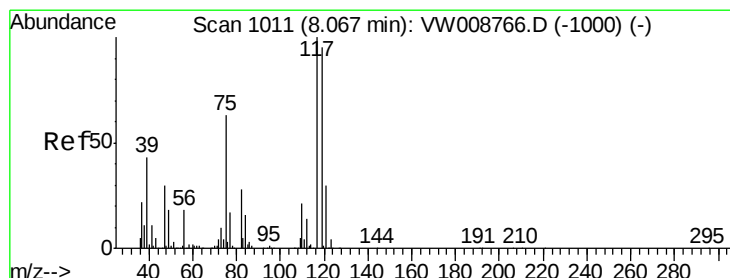
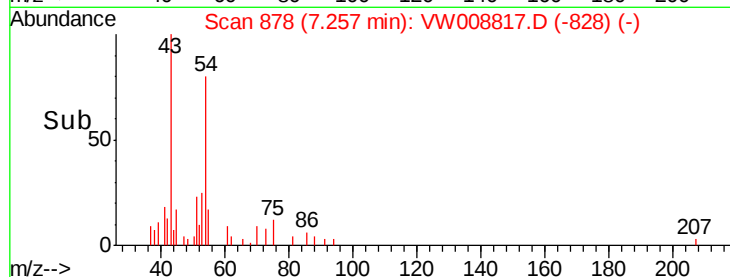
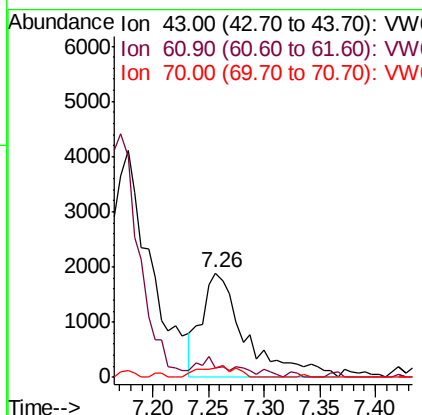
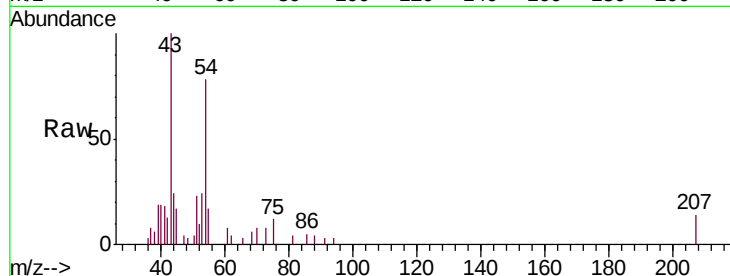




#37
Ethyl Acetate
Concen: 2.858 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

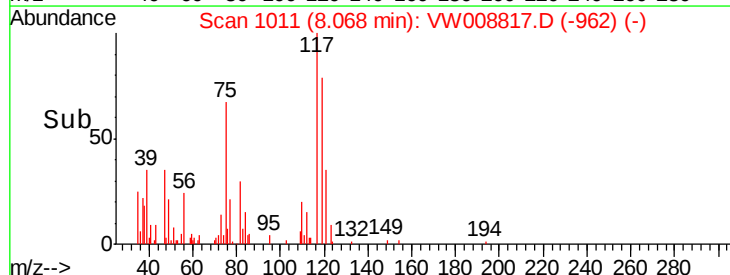
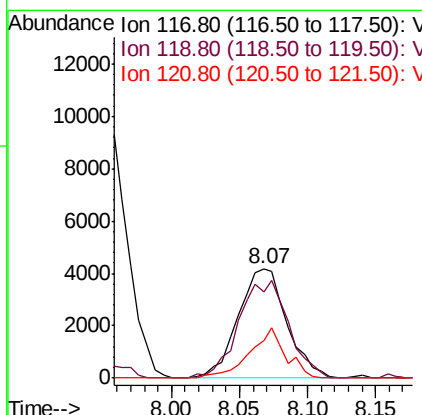
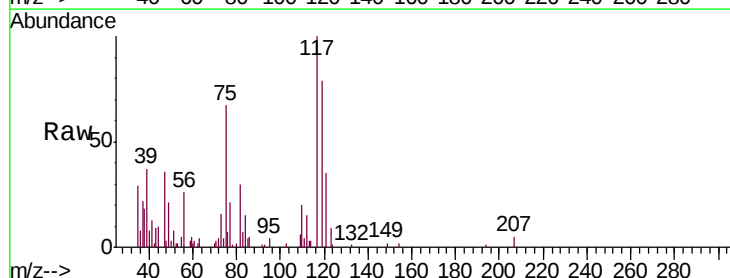
Instrument :
MSVOA_W
ClientSampled :
BFB

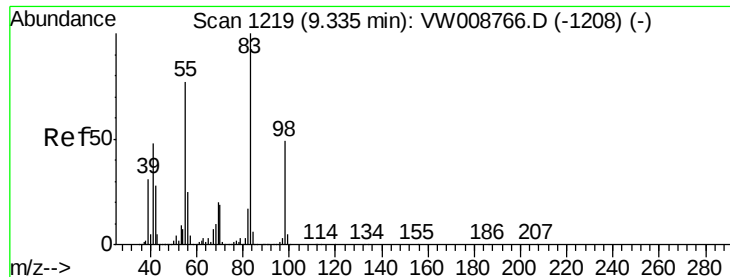
Tgt Ion: 43 Resp: 5205
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 8.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 2.532 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Tgt Ion: 117 Resp: 10456
Ion Ratio Lower Upper
117 100
119 79.2 76.1 114.1
121 34.8 24.0 36.0

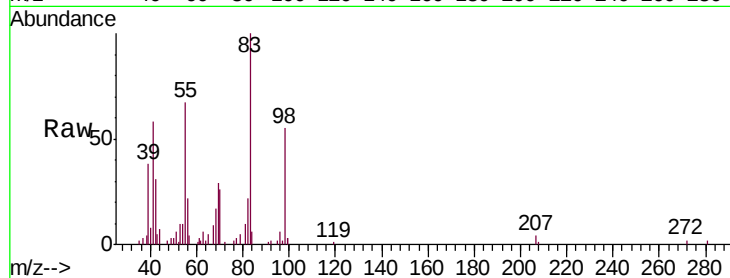




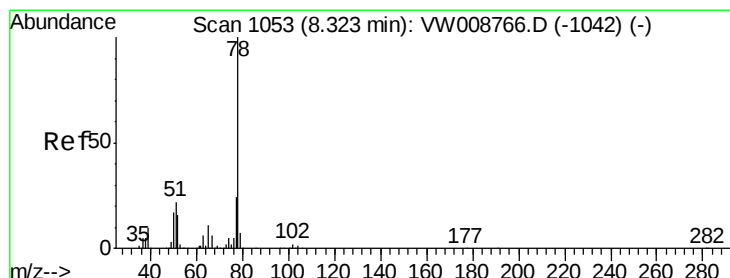
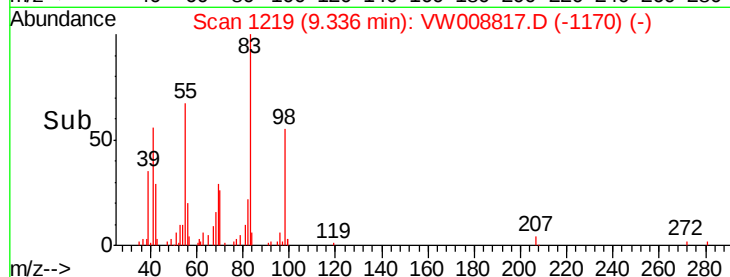
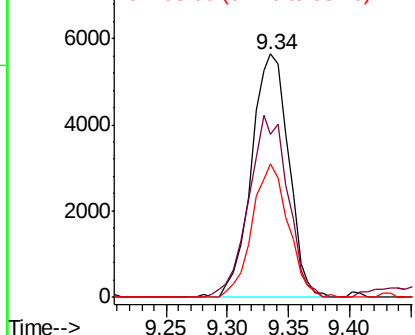
#39
Methylcyclohexane
Concen: 2.448 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 83 Resp: 11957
Ion Ratio Lower Upper
83 100
55 67.2 61.2 91.8
98 54.8 39.4 59.2

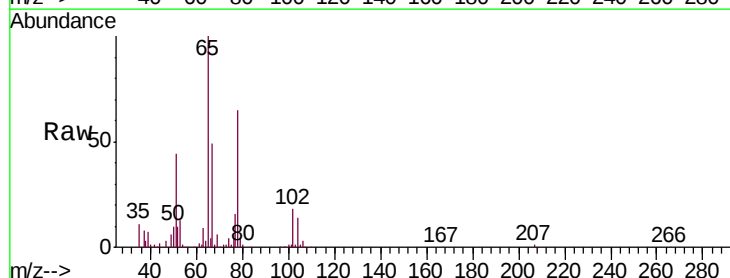


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

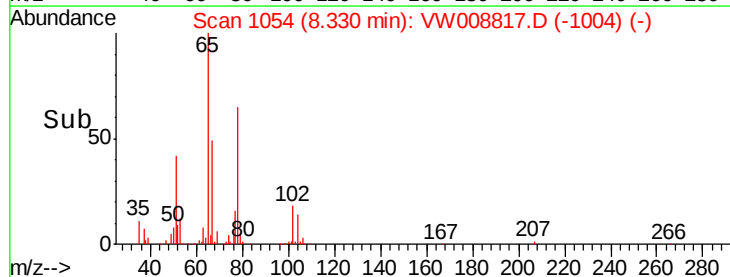
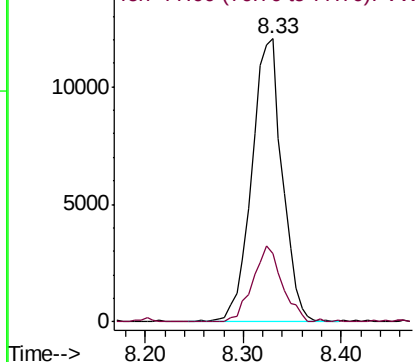


#40
Benzene
Concen: 2.440 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Tgt Ion: 78 Resp: 26088
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 1.696 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampled :

BFB

Tgt Ion: 41 Resp: 1815

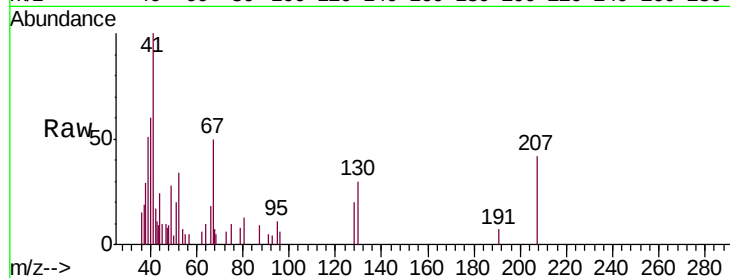
Ion Ratio Lower Upper

41 100

39 113.2 52.5 78.7#

67 115.3 55.0 82.6#

52 62.0 26.9 40.3#

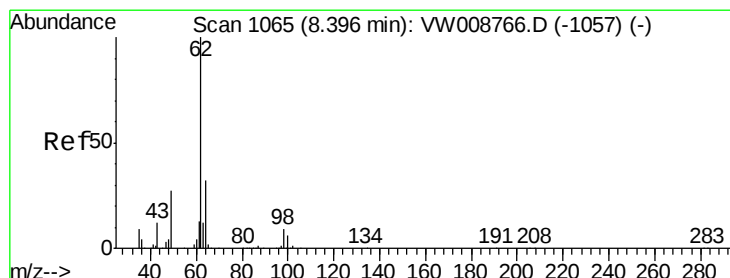
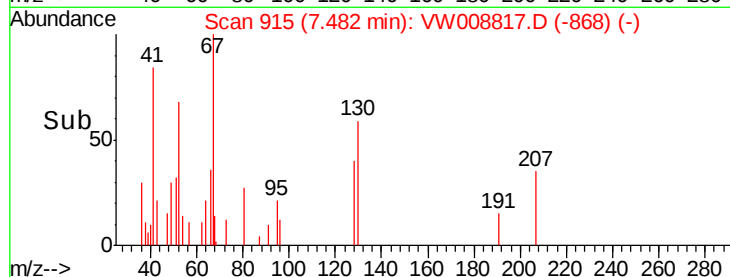
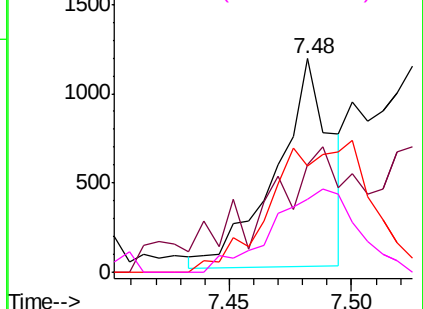


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 2.583 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW008817.D

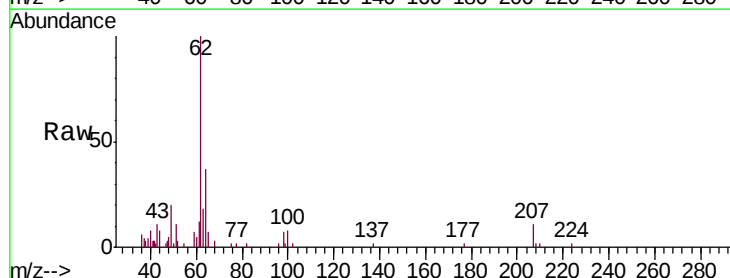
Acq: 25 Feb 2019 19:50

Tgt Ion: 62 Resp: 8749

Ion Ratio Lower Upper

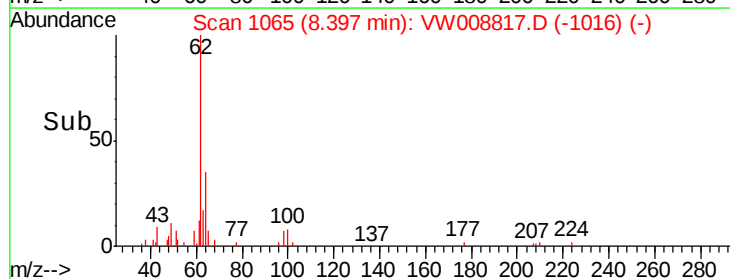
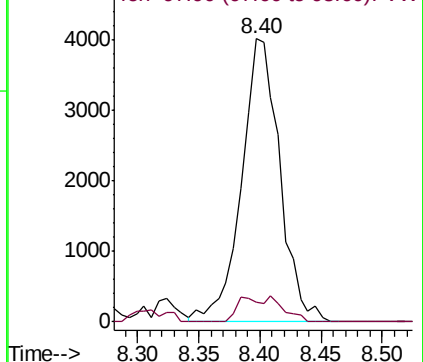
62 100

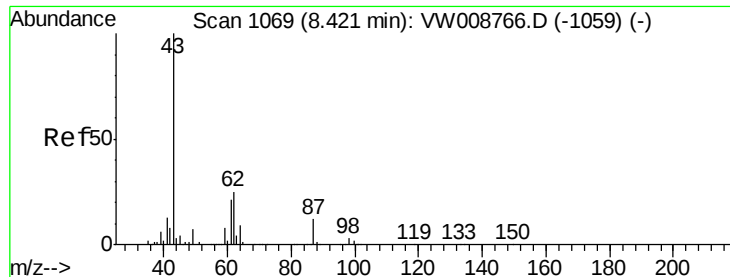
98 5.6 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 2.340 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

BFB

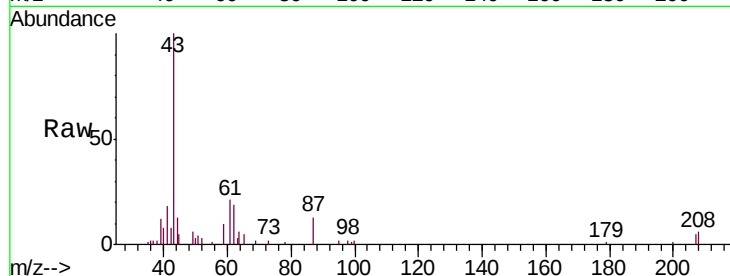
Tgt Ion: 43 Resp: 8505

Ion Ratio Lower Upper

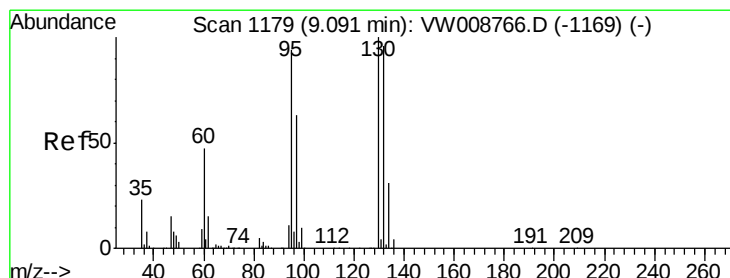
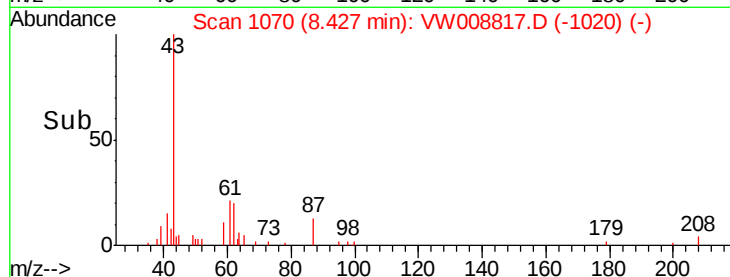
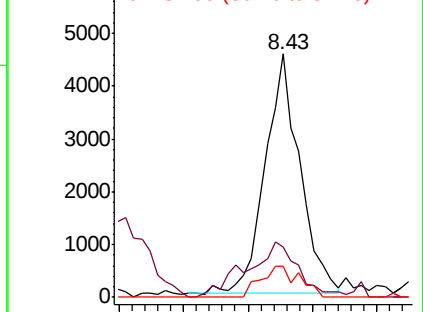
43 100

61 23.7 23.2 34.8

87 14.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 2.554 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008817.D

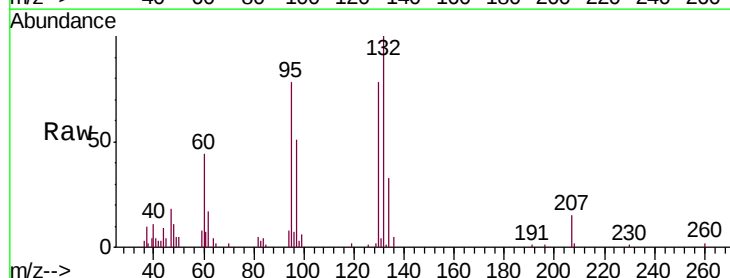
Acq: 25 Feb 2019 19:50

Tgt Ion:130 Resp: 7692

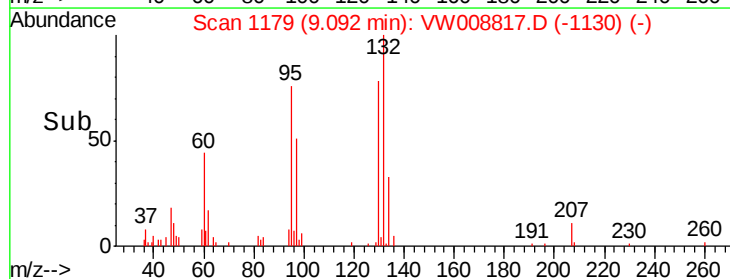
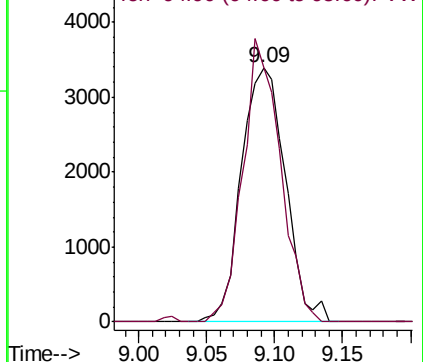
Ion Ratio Lower Upper

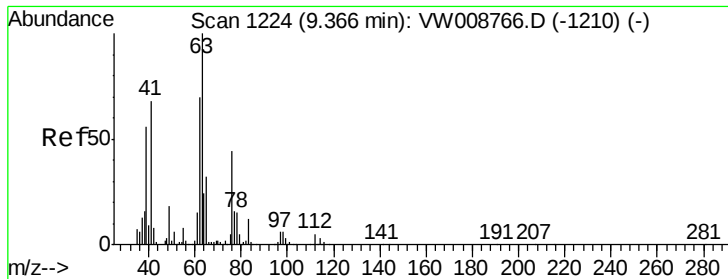
130 100

95 99.5 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 2.570 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

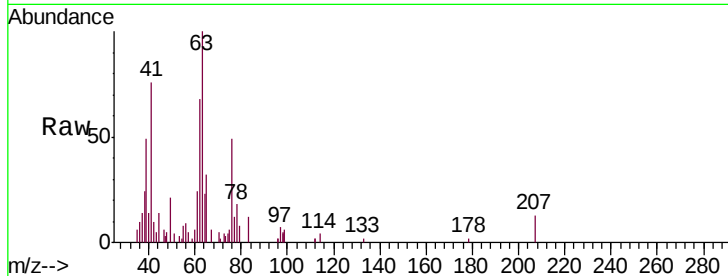
BFB

Tgt Ion: 63 Resp: 6790

Ion Ratio Lower Upper

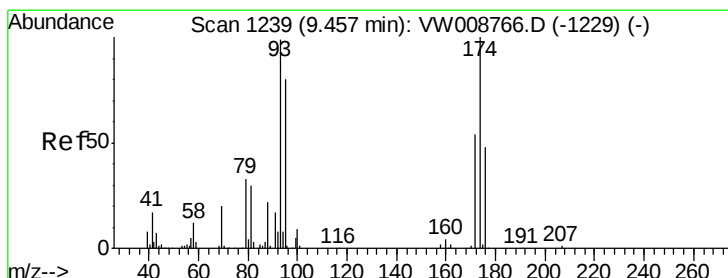
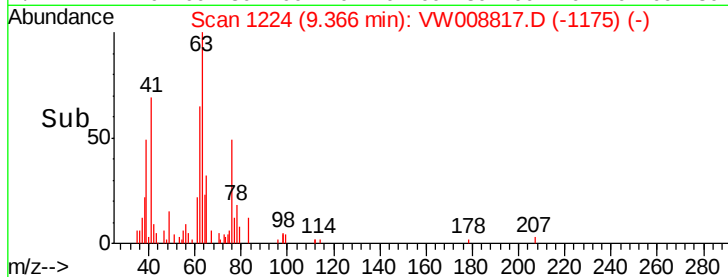
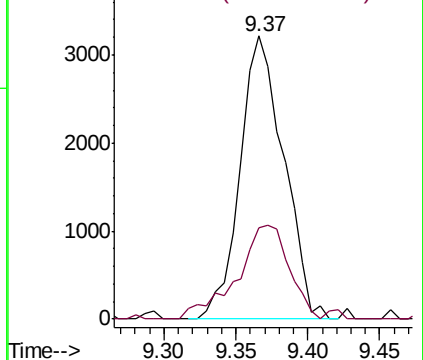
63 100

65 29.3 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 2.445 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

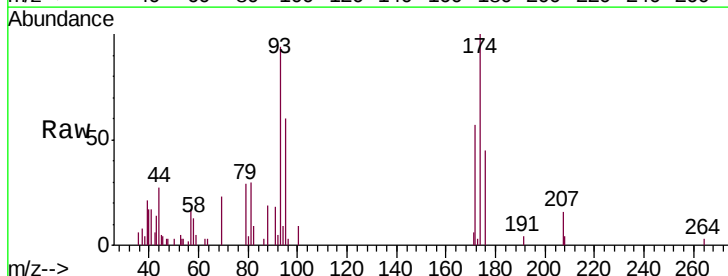
Tgt Ion: 93 Resp: 3593

Ion Ratio Lower Upper

93 100

95 82.3 67.7 101.5

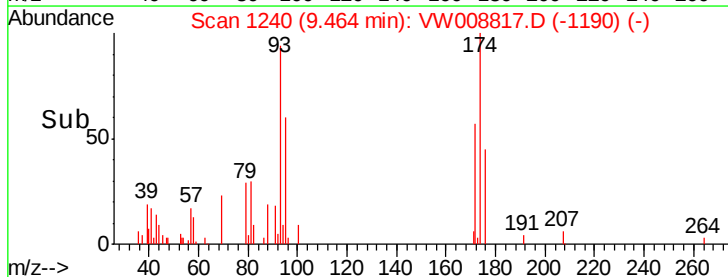
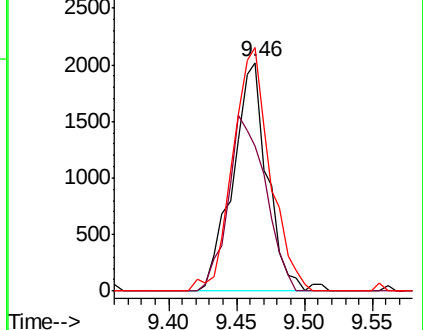
174 114.4 86.7 130.1

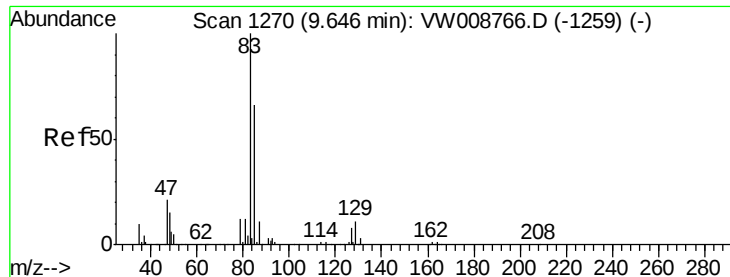


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 2.426 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampled :

BFB

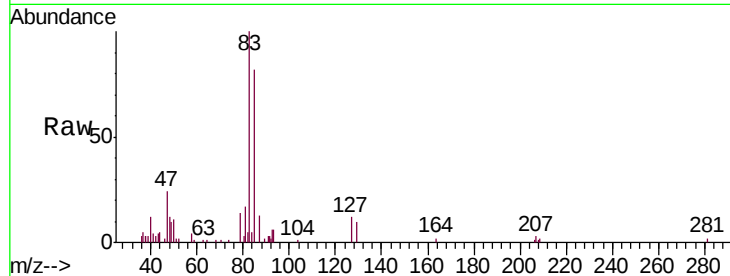
Tgt Ion: 83 Resp: 8676

Ion Ratio Lower Upper

83 100

85 82.4 52.5 78.7#

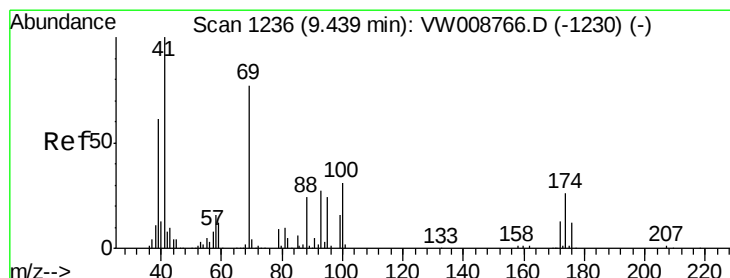
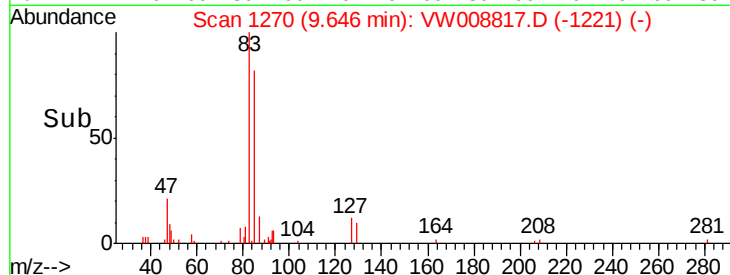
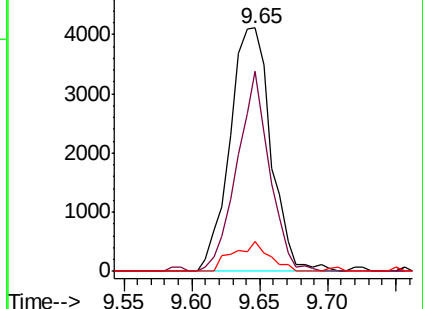
127 12.5 6.7 10.1#



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: 1.995 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

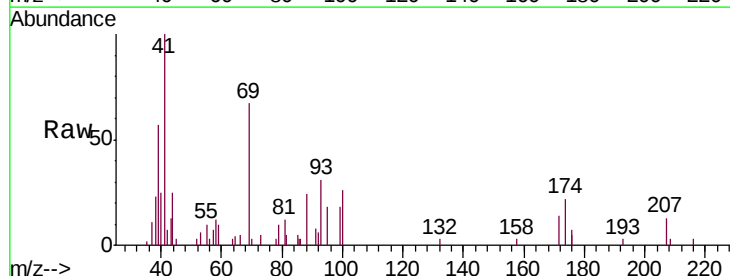
Tgt Ion: 41 Resp: 3472

Ion Ratio Lower Upper

41 100

69 94.6 63.6 95.4

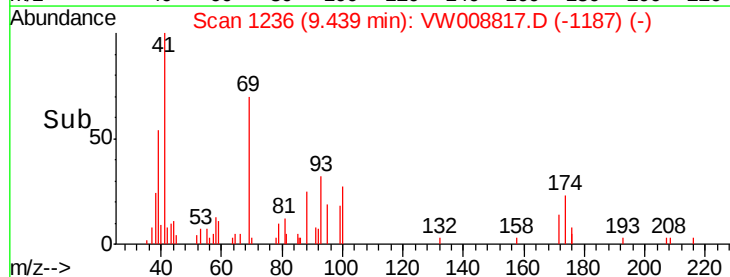
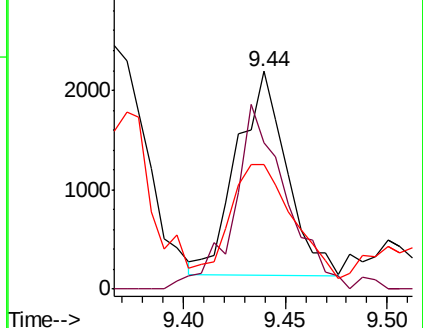
39 68.3 52.1 78.1

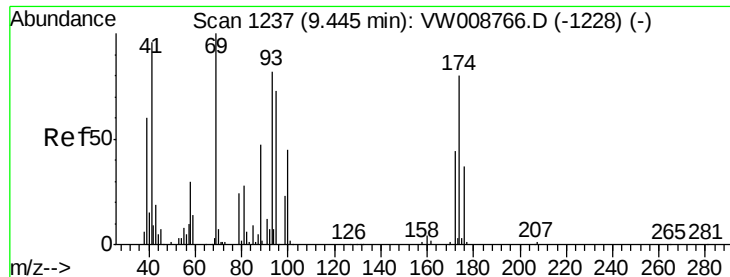


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 63.482 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

BFB

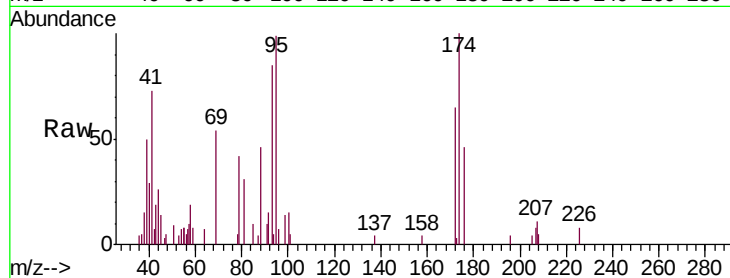
Tgt Ion: 88 Resp: 1494

Ion Ratio Lower Upper

88 100

43 55.2 29.0 43.4#

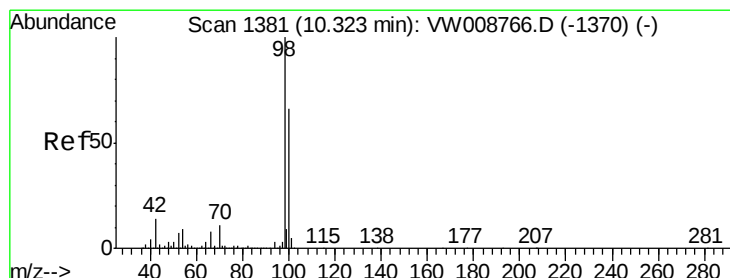
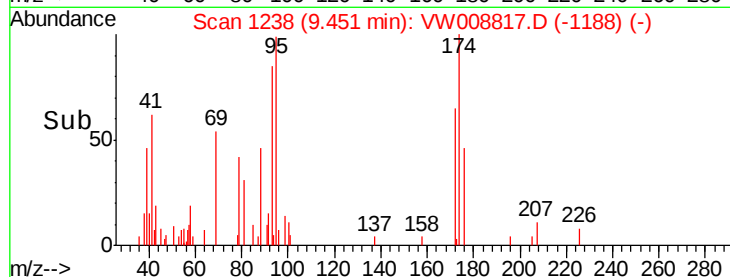
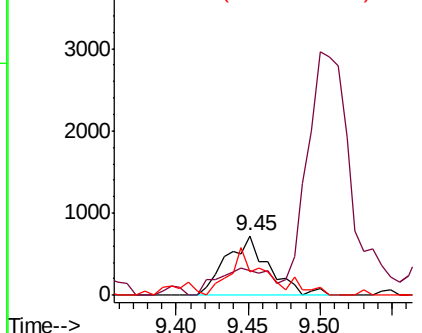
58 57.1 52.0 78.0



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: 55.616 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008817.D

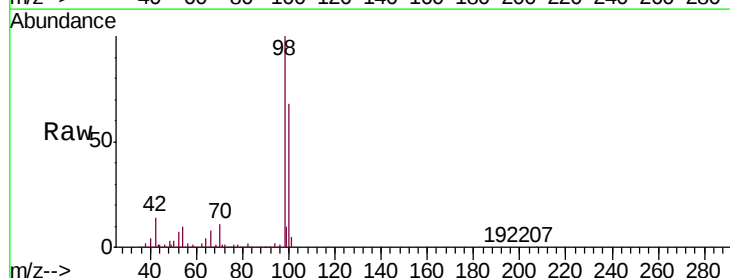
Acq: 25 Feb 2019 19:50

Tgt Ion: 98 Resp: 518550

Ion Ratio Lower Upper

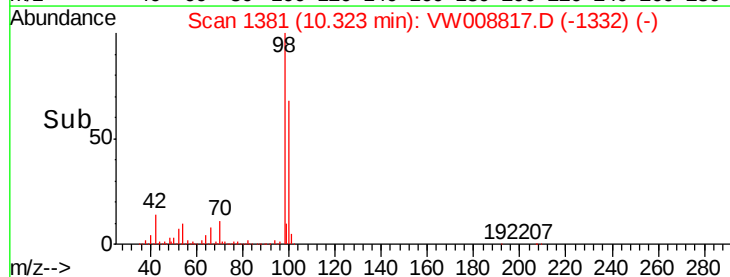
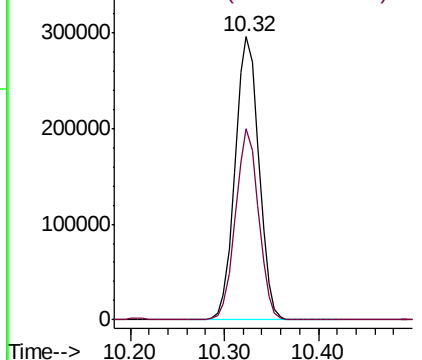
98 100

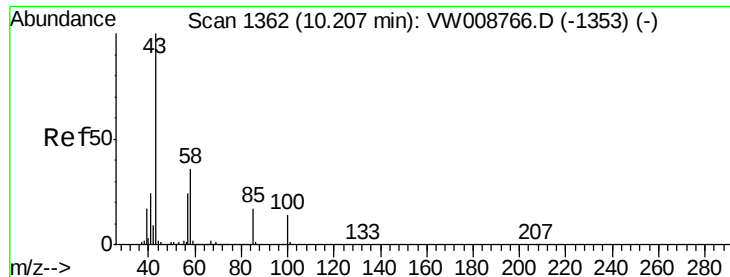
100 65.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

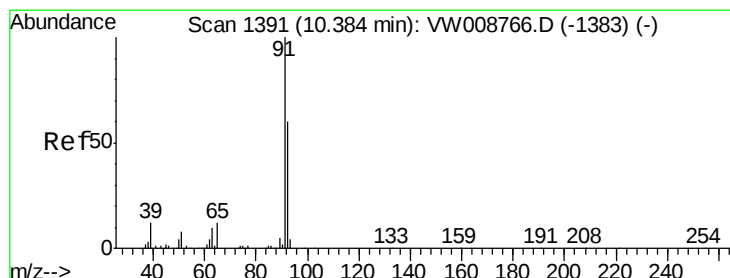
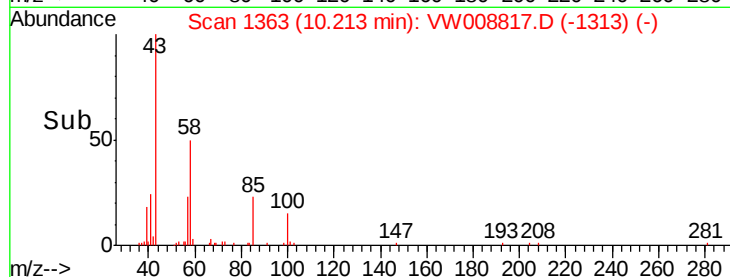
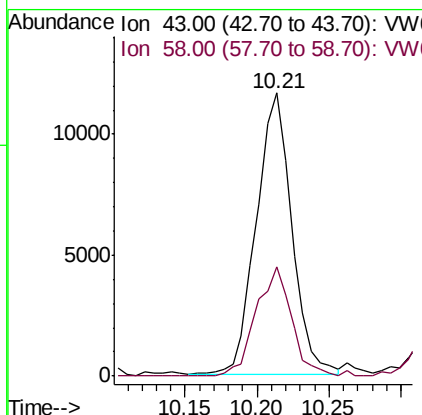
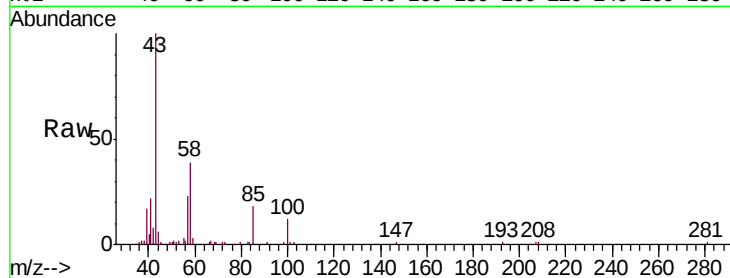




#51
 4-Methyl-2-Pentanone
 Concen: 10.836 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

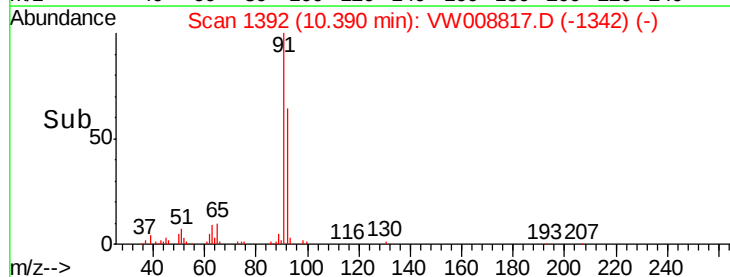
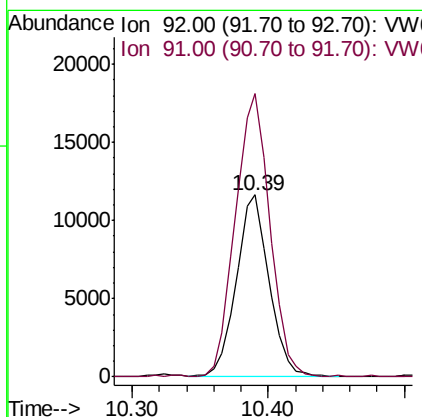
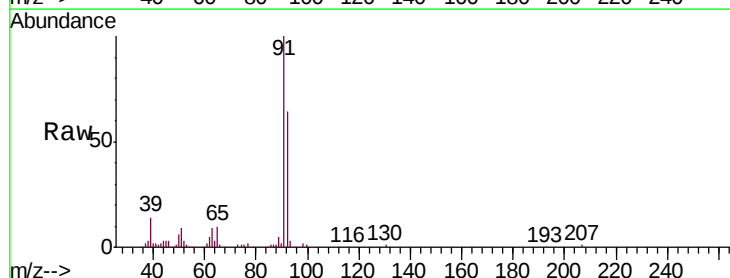
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

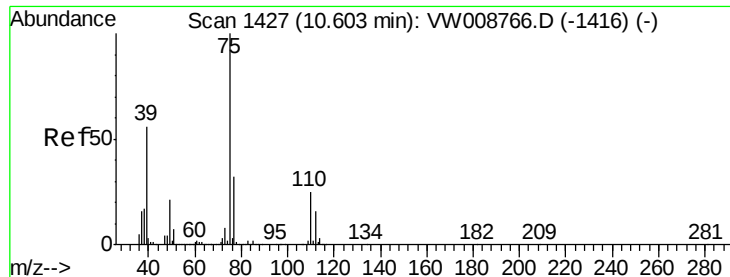
Tgt Ion: 43 Resp: 19994
 Ion Ratio Lower Upper
 43 100
 58 38.5 29.1 43.7



#52
 Toluene
 Concen: 2.706 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Tgt Ion: 92 Resp: 19635
 Ion Ratio Lower Upper
 92 100
 91 163.4 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 2.214 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampled :

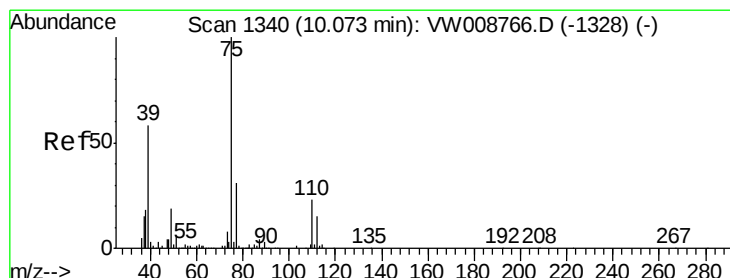
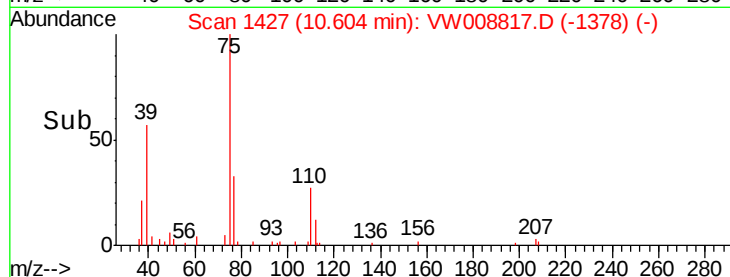
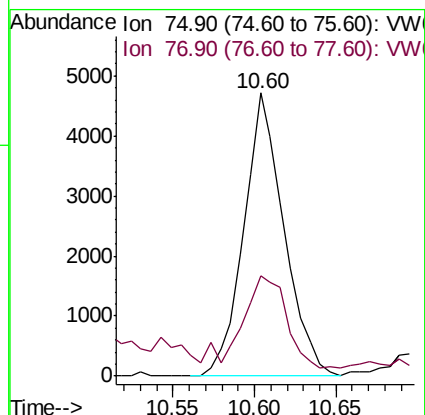
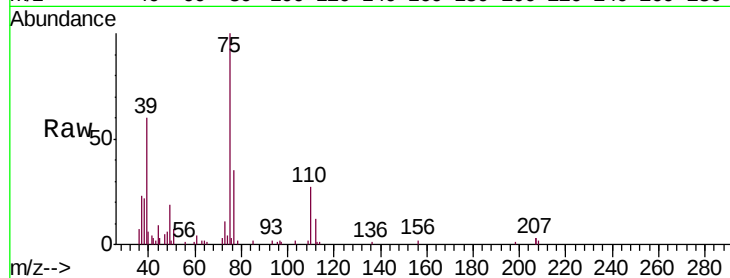
BFB

Tgt Ion: 75 Resp: 8070

Ion Ratio Lower Upper

75 100

77 32.5 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 2.268 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

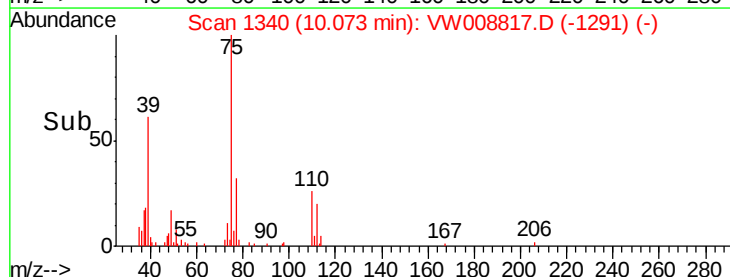
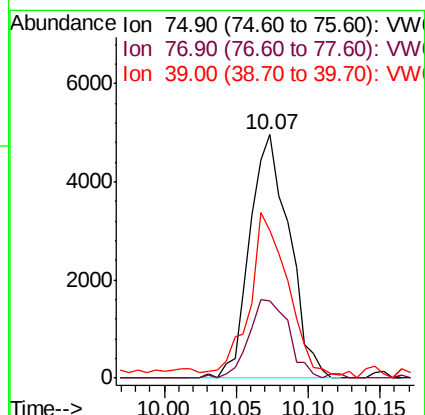
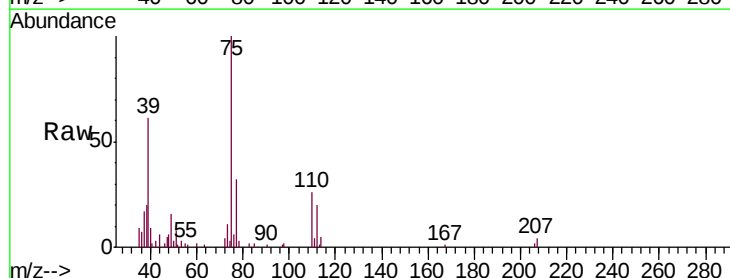
Tgt Ion: 75 Resp: 9428

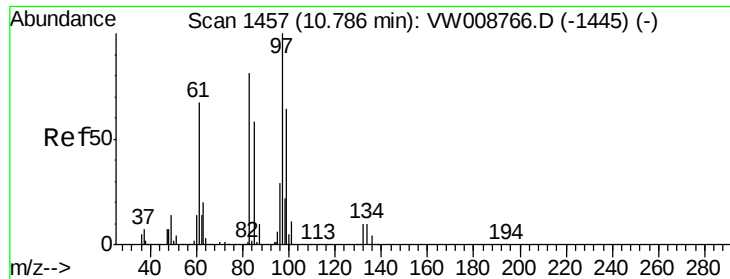
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4

39 59.1 46.6 70.0

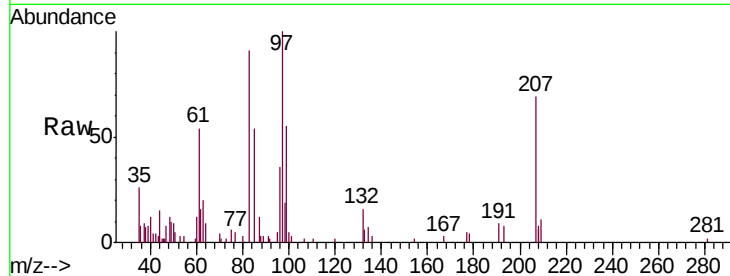




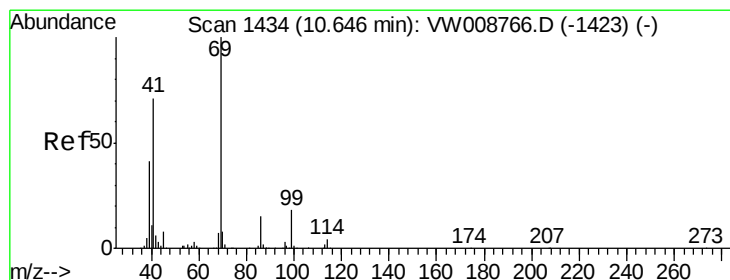
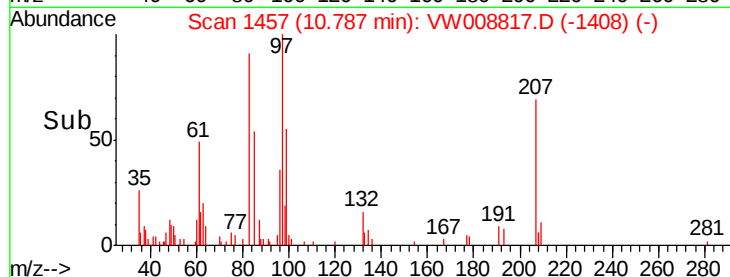
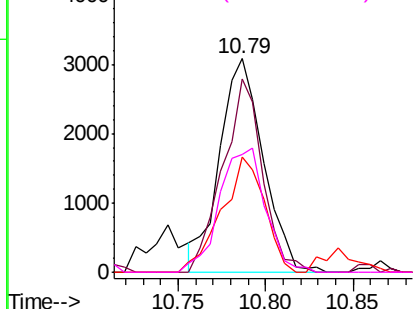
#55
 1,1,2-Trichloroethane
 Concen: 2.686 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tgt Ion:	97	Resp:	5353
Ion	Ratio	Lower	Upper
97	100		
83	90.6	65.0	97.6
85	49.2	46.0	69.0
99	54.9	51.1	76.7

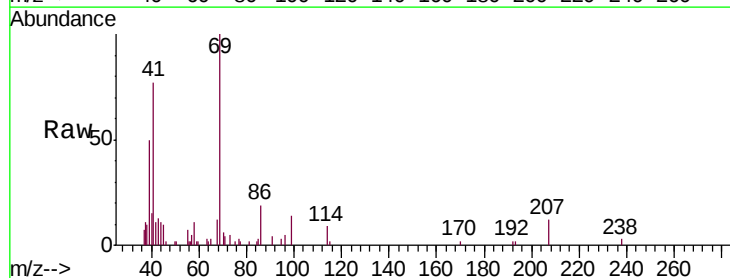


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

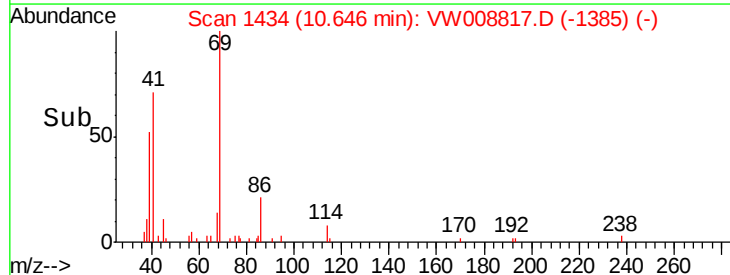
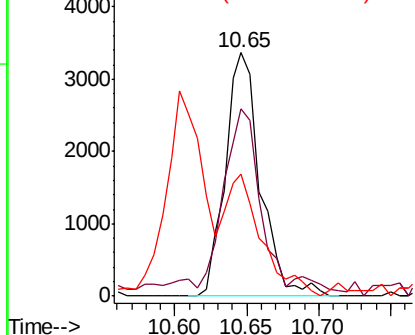


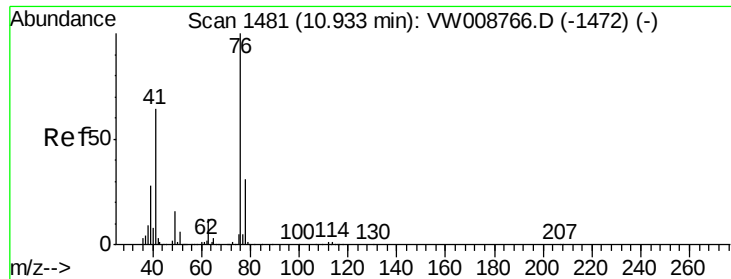
#56
 Ethyl methacrylate
 Concen: 2.215 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Tgt Ion:	69	Resp:	5735
Ion	Ratio	Lower	Upper
69	100		
41	77.8	57.4	86.0
39	53.0	34.8	52.2#



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

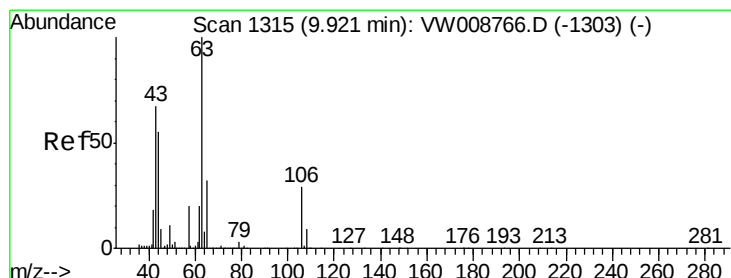
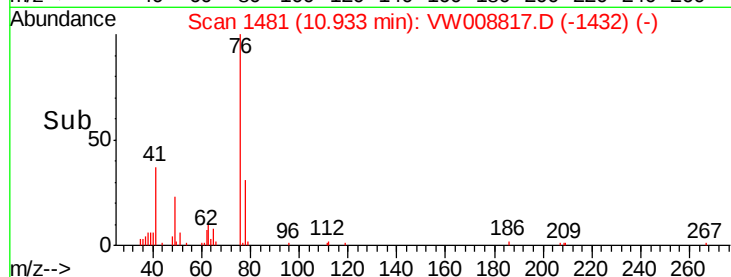
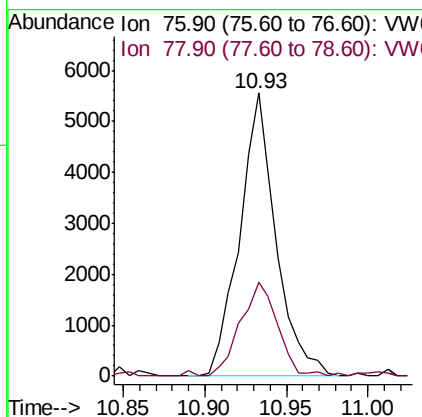
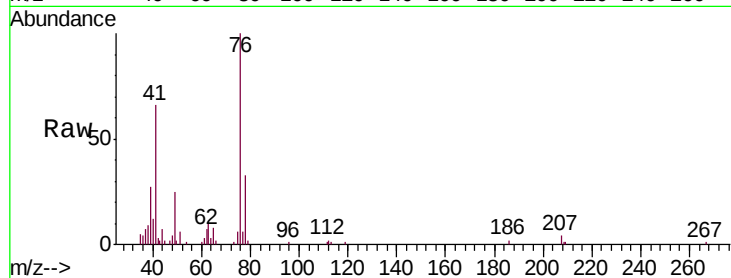




#57
 1,3-Dichloropropane
 Concen: 2.457 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

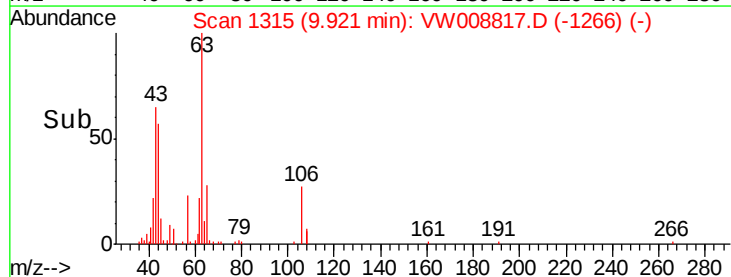
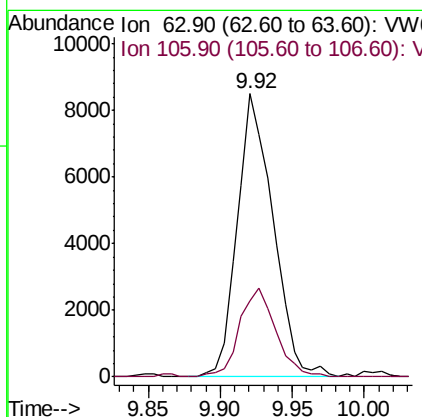
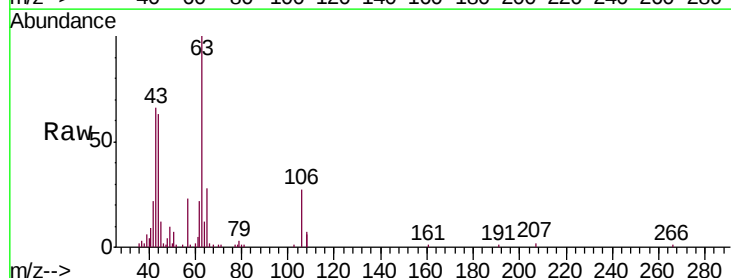
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

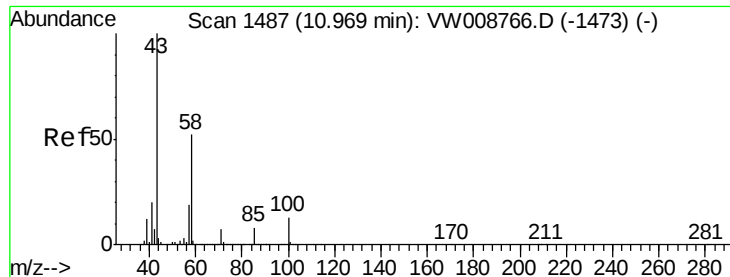
Tgt Ion: 76 Resp: 8646
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 11.279 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Tgt Ion: 63 Resp: 14689
 Ion Ratio Lower Upper
 63 100
 106 31.6 24.0 36.0





#59

2-Hexanone

Concen: 9.634 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampled :

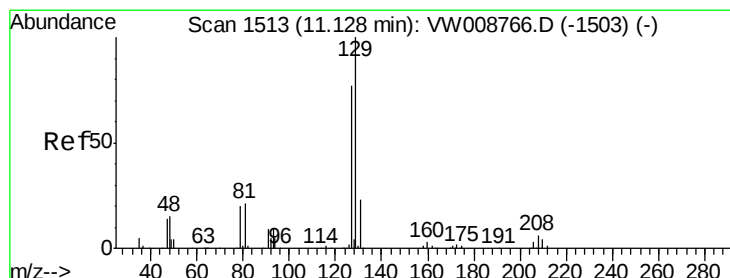
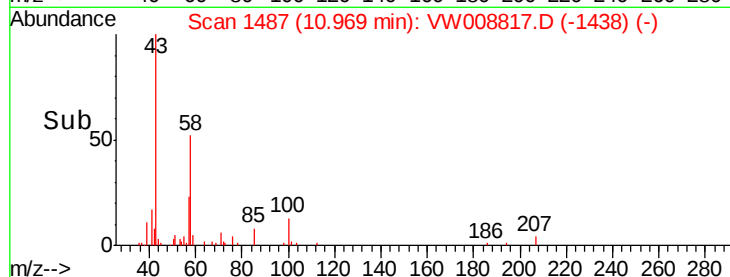
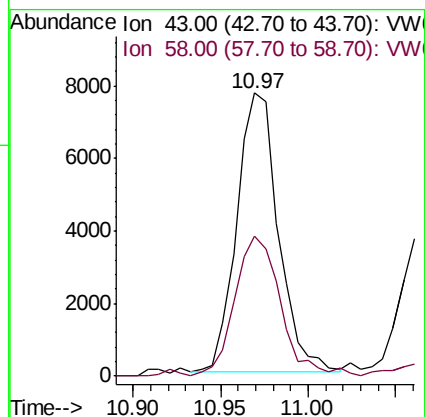
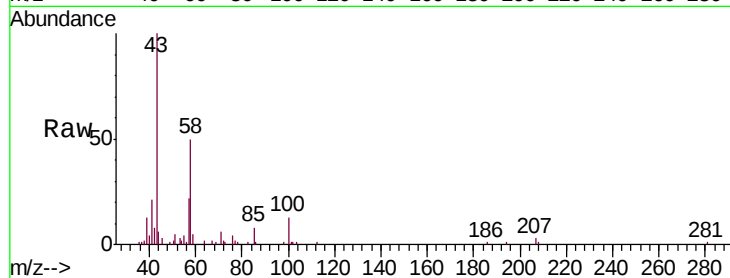
BFB

Tgt Ion: 43 Resp: 12654

Ion Ratio Lower Upper

43 100

58 55.6 25.3 75.8



#60

Dibromochloromethane

Concen: 2.247 ug/l

RT: 11.12 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VW008817.D

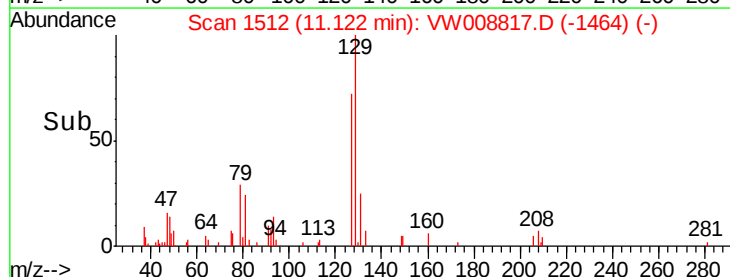
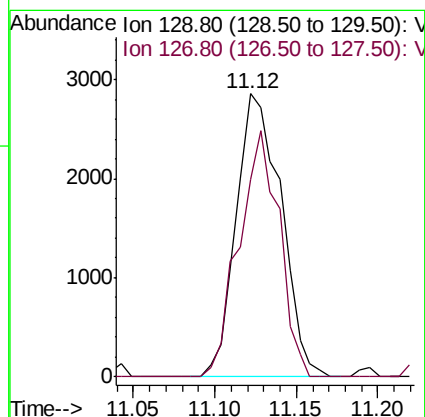
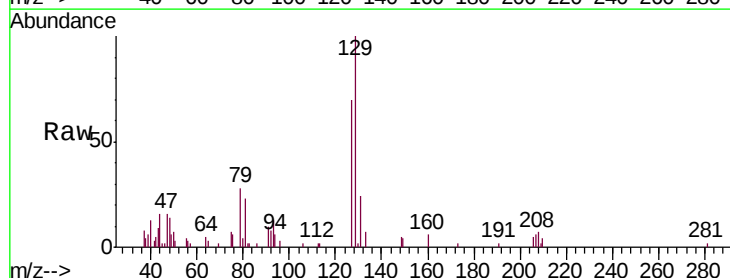
Acq: 25 Feb 2019 19:50

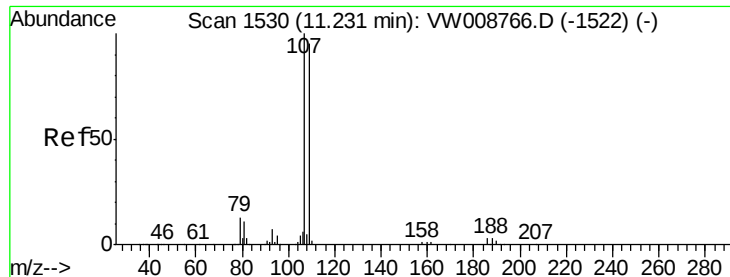
Tgt Ion: 129 Resp: 5463

Ion Ratio Lower Upper

129 100

127 78.1 39.0 116.9





#61

1,2-Dibromoethane

Concen: 2.418 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

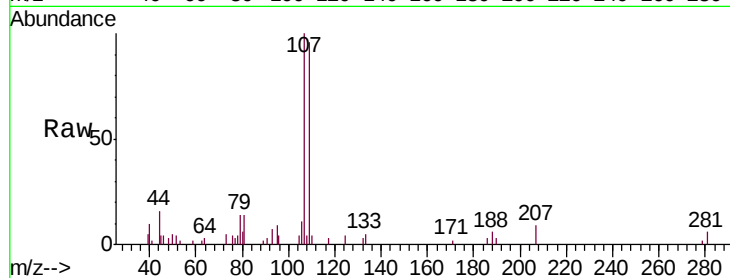
BFB

Tgt Ion: 107 Resp: 4770

Ion Ratio Lower Upper

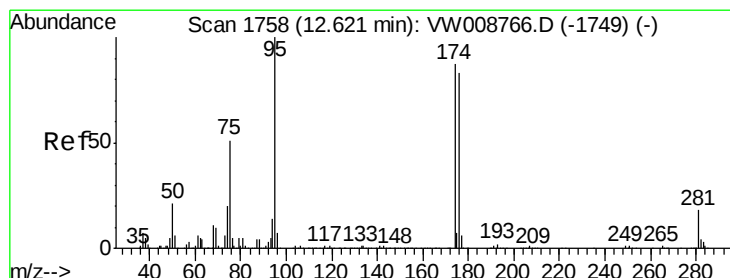
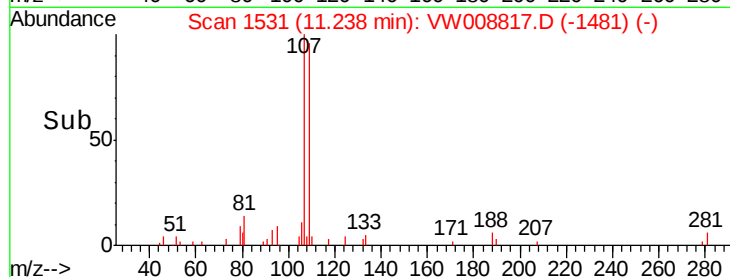
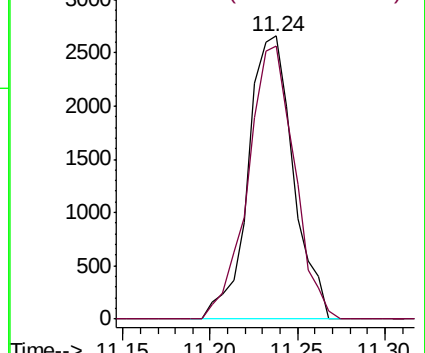
107 100

109 99.3 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.103 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

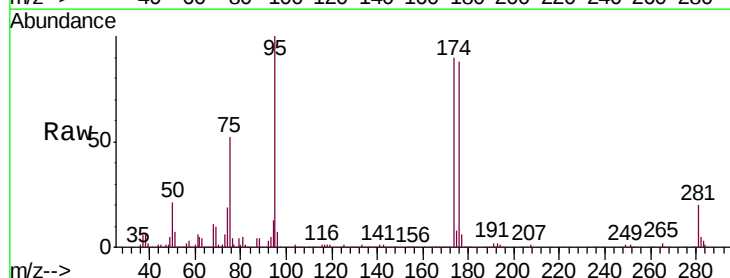
Tgt Ion: 95 Resp: 201162

Ion Ratio Lower Upper

95 100

174 87.4 0.0 169.2

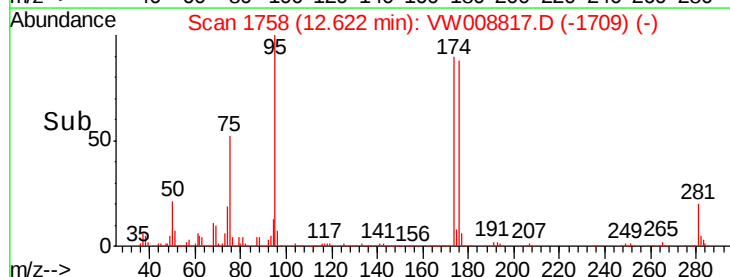
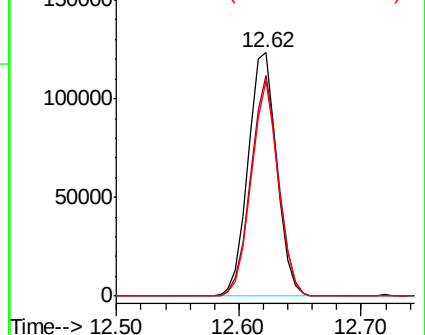
176 83.8 0.0 163.6

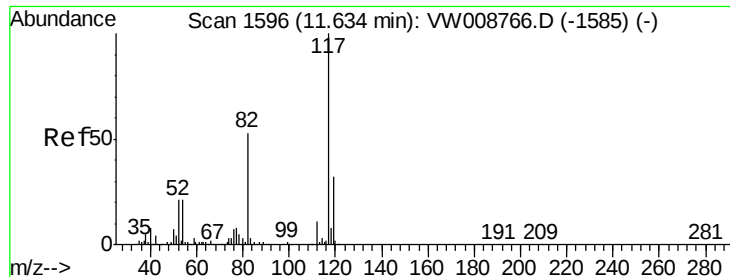


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

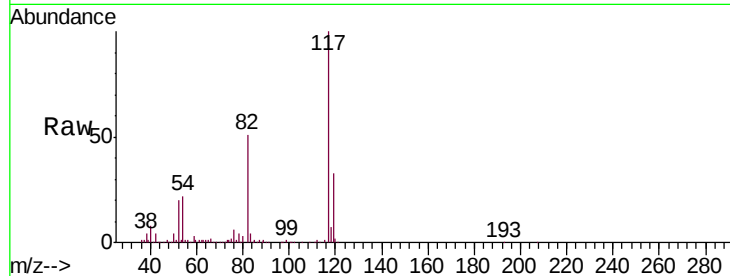




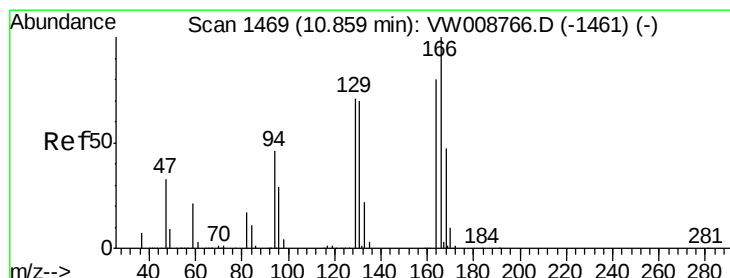
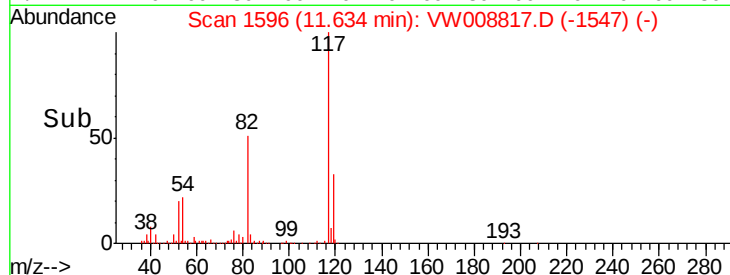
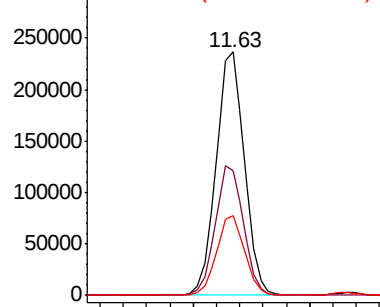
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:117 Resp: 401971
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.4
119 32.9 25.9 38.9

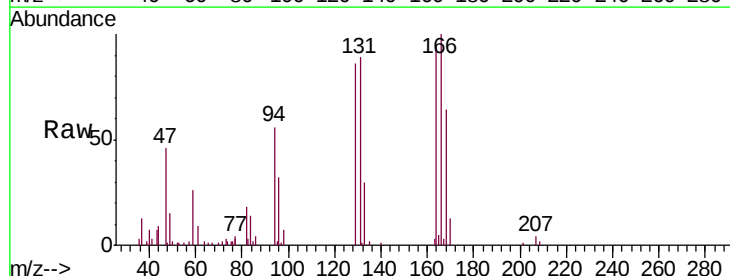


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

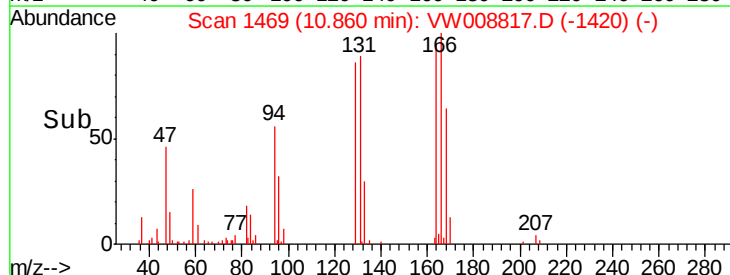
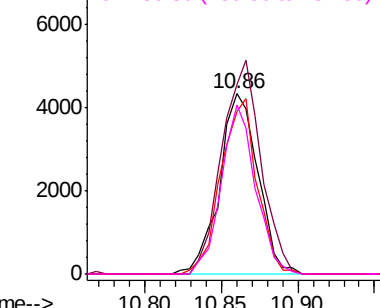


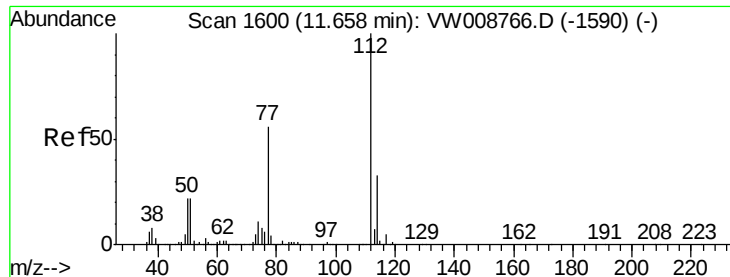
#64
Tetrachloroethene
Concen: 2.619 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Tgt Ion:164 Resp: 7536
Ion Ratio Lower Upper
164 100
166 105.2 99.5 149.3
129 90.5 71.1 106.7
131 94.2 69.8 104.8



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: 2.504 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampled :

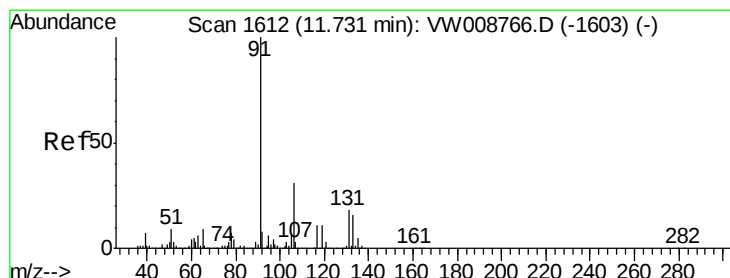
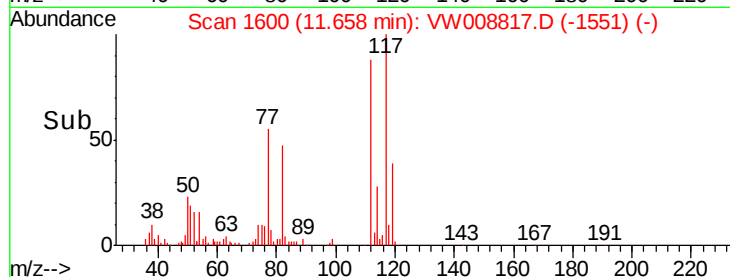
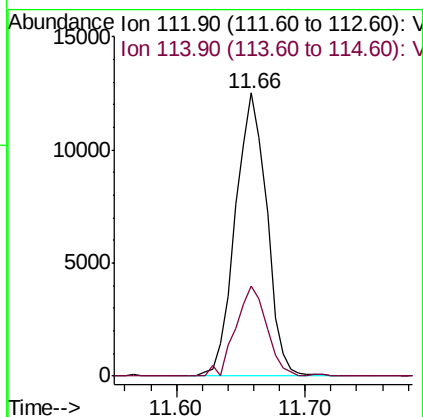
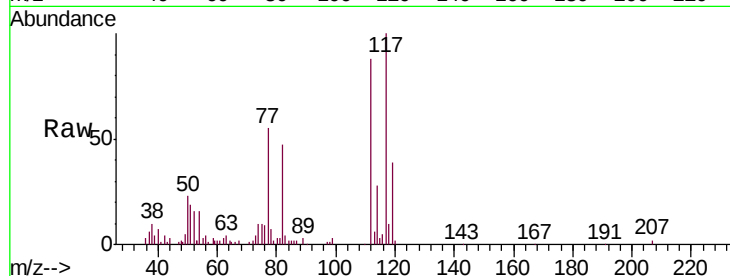
BFB

Tgt Ion:112 Resp: 21161

Ion Ratio Lower Upper

112 100

114 32.0 26.6 40.0



#66

1,1,1,2-Tetrachloroethane

Concen: 2.221 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

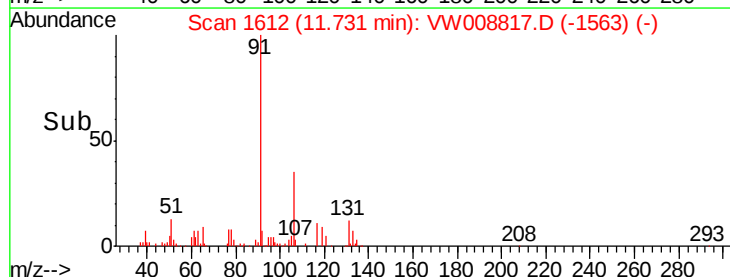
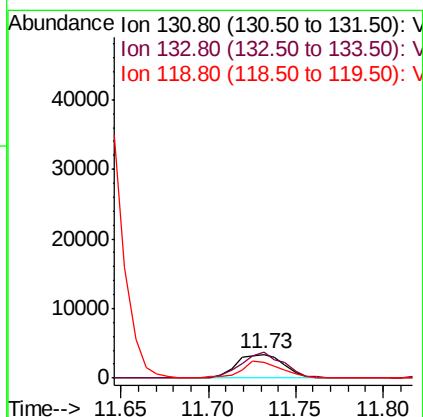
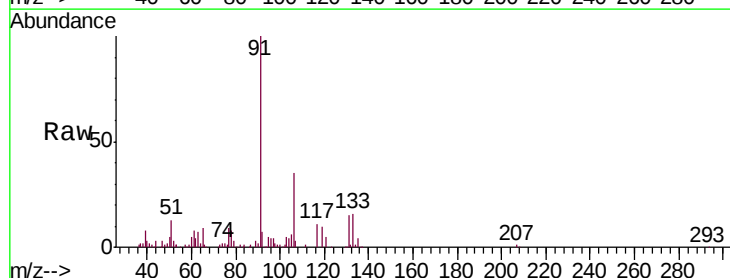
Tgt Ion:131 Resp: 6347

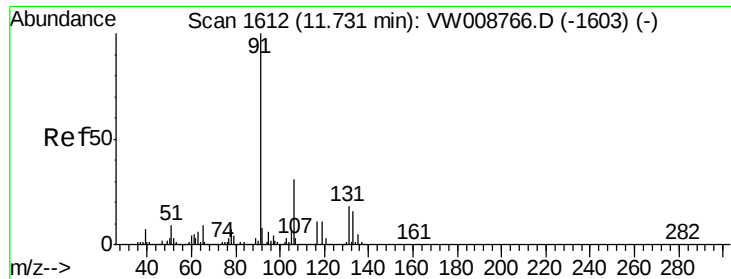
Ion Ratio Lower Upper

131 100

133 100.0 46.7 140.0

119 64.2 30.8 92.4

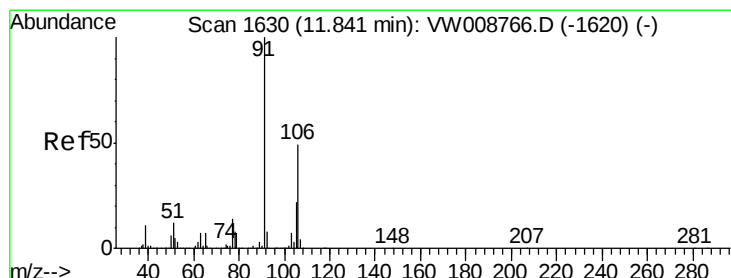
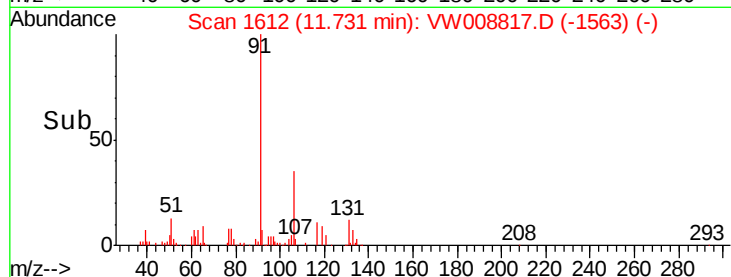
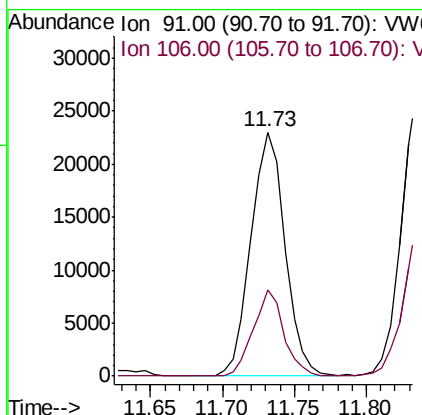
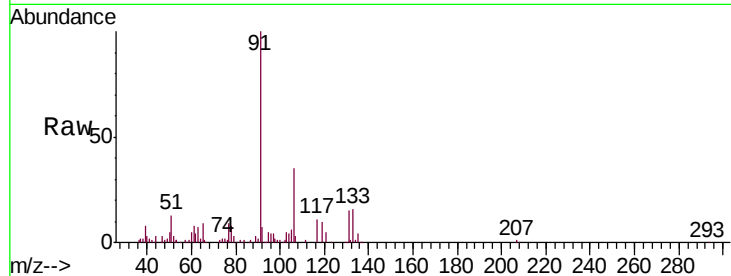




#67
Ethyl Benzene
Concen: 2.487 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

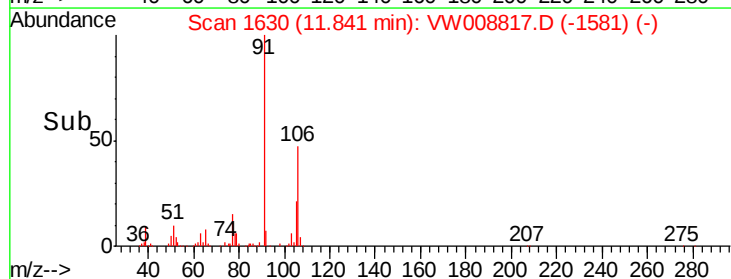
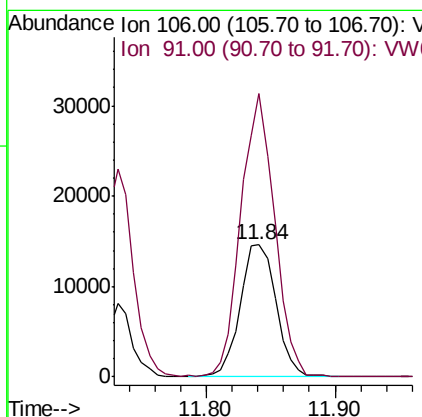
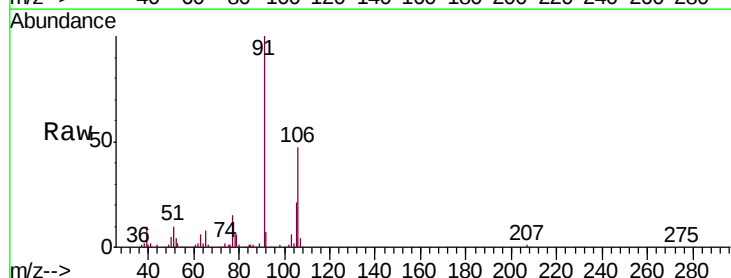
Instrument :
MSVOA_W
ClientSampled :
BFB

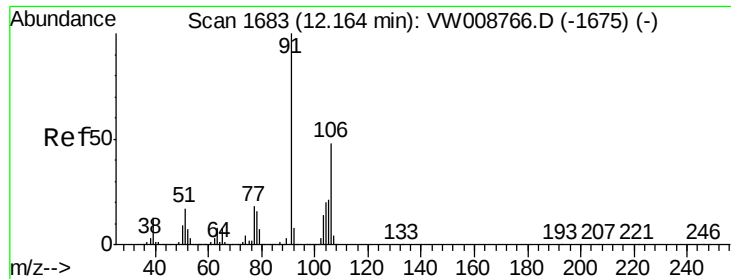
Tgt Ion: 91 Resp: 37583
Ion Ratio Lower Upper
91 100
106 35.1 25.0 37.6



#68
m/p-Xylenes
Concen: 4.680 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Tgt Ion: 106 Resp: 28251
Ion Ratio Lower Upper
106 100
91 201.4 161.5 242.3

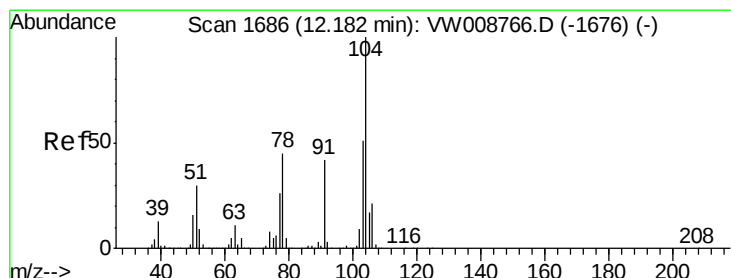
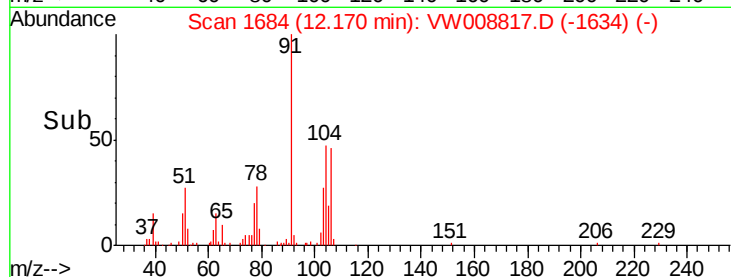
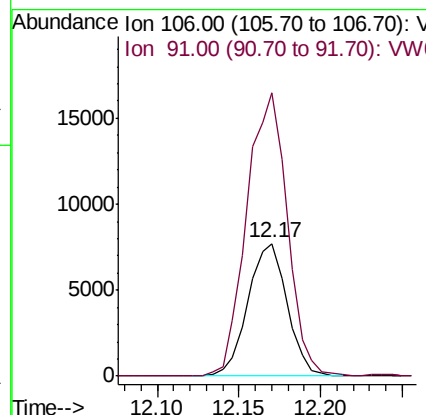
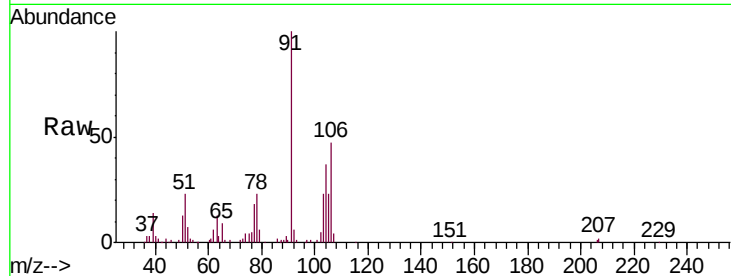




#69
o-Xylene
Concen: 2.282 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

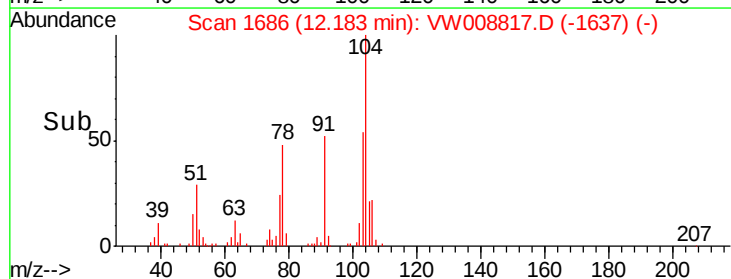
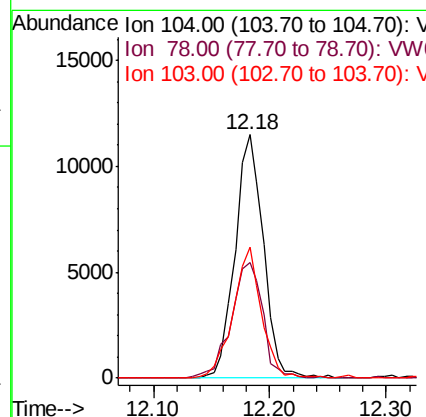
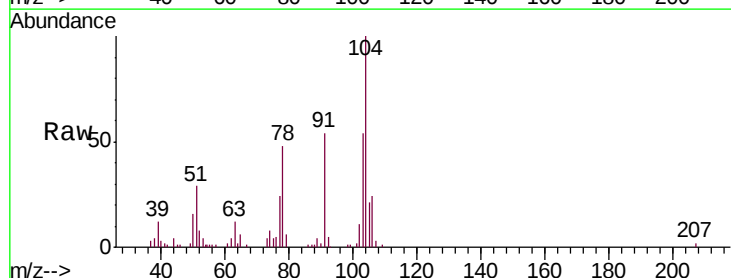
Instrument :
MSVOA_W
ClientSampled :
BFB

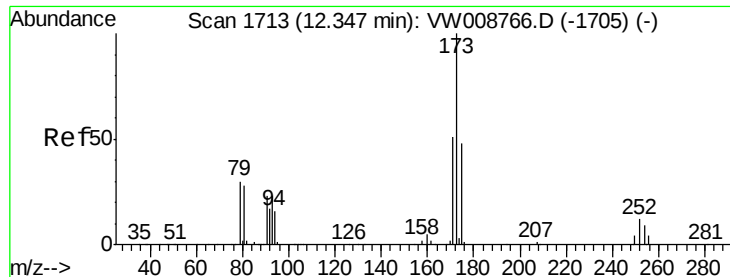
Tgt Ion:106 Resp: 12931
Ion Ratio Lower Upper
106 100
91 220.7 106.2 318.6



#70
Styrene
Concen: 2.138 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Tgt Ion:104 Resp: 19490
Ion Ratio Lower Upper
104 100
78 53.0 40.8 61.2
103 54.2 44.2 66.2

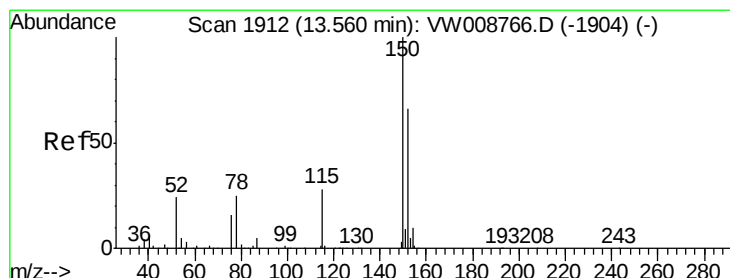
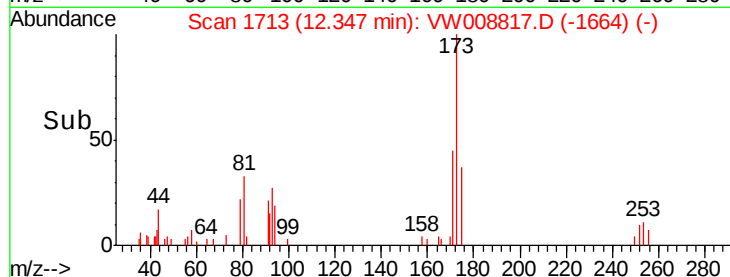
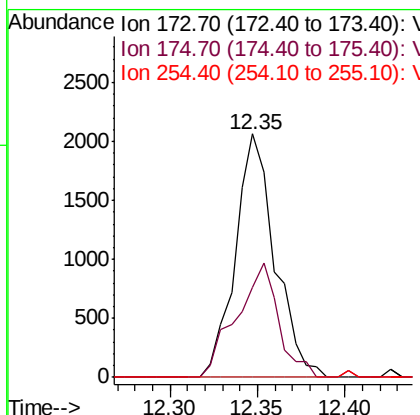
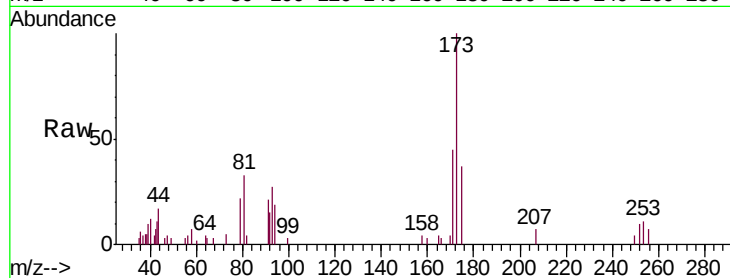




#71
Bromoform
Concen: 2.114 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

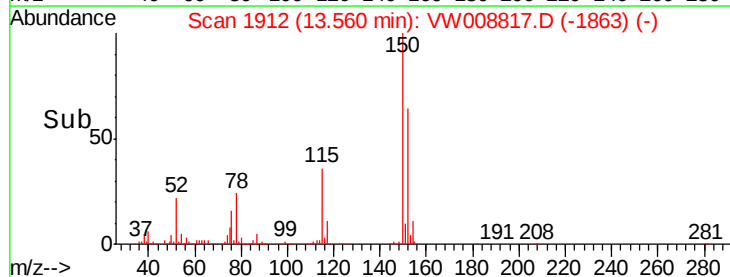
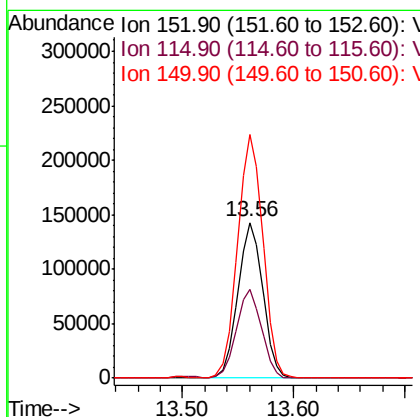
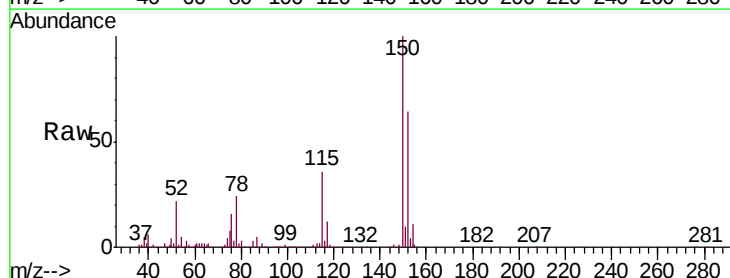
Instrument :
MSVOA_W
ClientSampled :
BFB

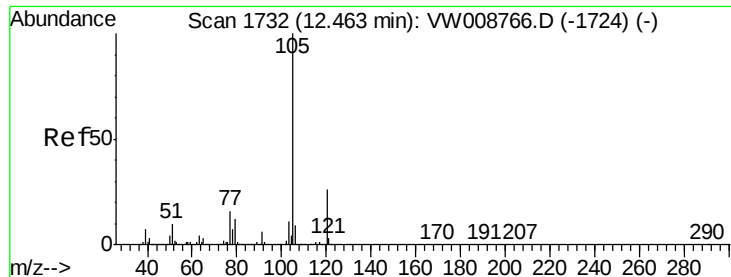
Tgt Ion:173 Resp: 3247
Ion Ratio Lower Upper
173 100
175 49.9 24.2 72.6
254 0.0 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Tgt Ion:152 Resp: 220867
Ion Ratio Lower Upper
152 100
115 57.3 28.6 85.8
150 159.5 0.0 348.0





#73

Isopropylbenzene

Concen: 2.367 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

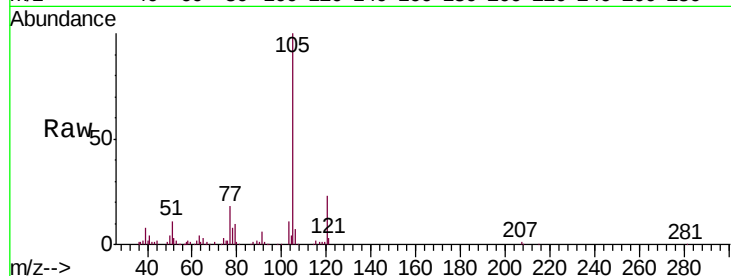
BFB

Tgt Ion: 105 Resp: 35840

Ion Ratio Lower Upper

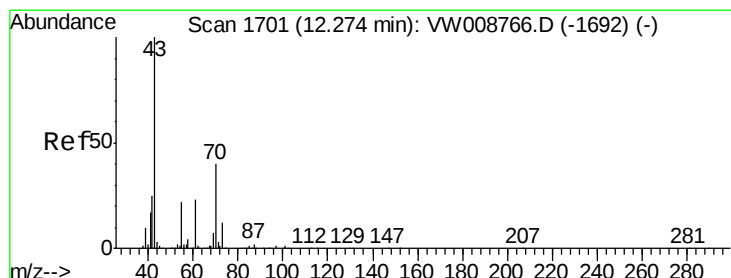
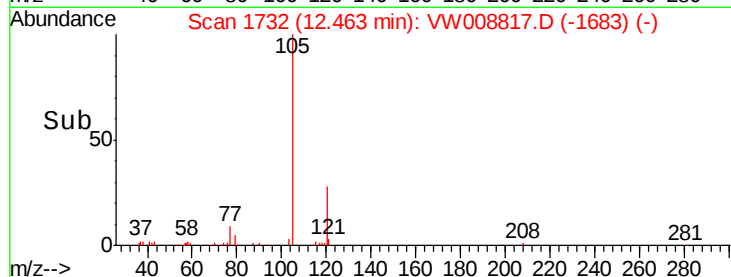
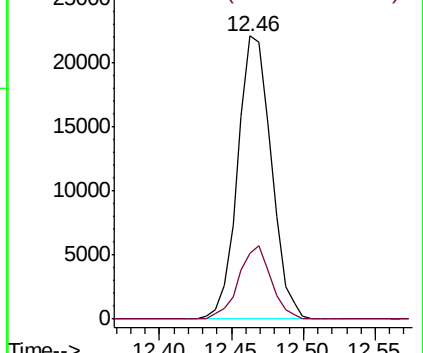
105 100

120 24.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.971 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Tgt Ion: 43 Resp: 7516

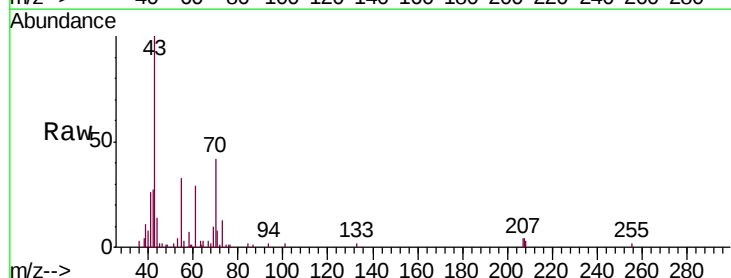
Ion Ratio Lower Upper

43 100

70 40.5 31.0 46.6

55 29.6 18.7 28.1#

61 28.6 18.1 27.1#

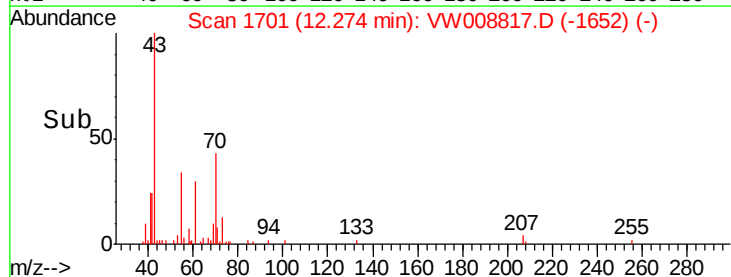
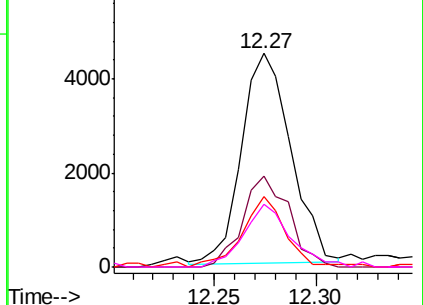


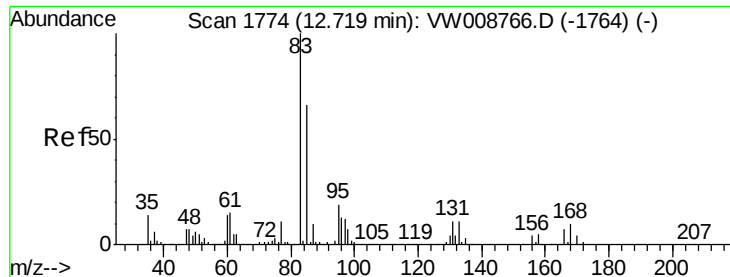
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 2.501 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

BFB

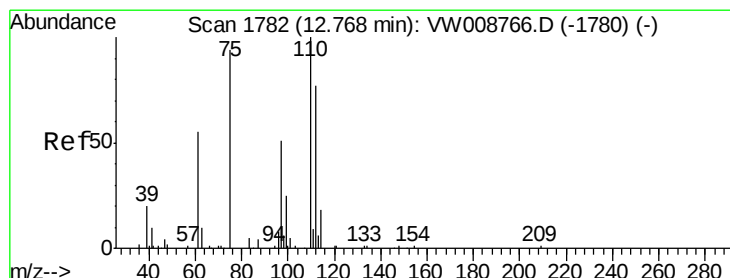
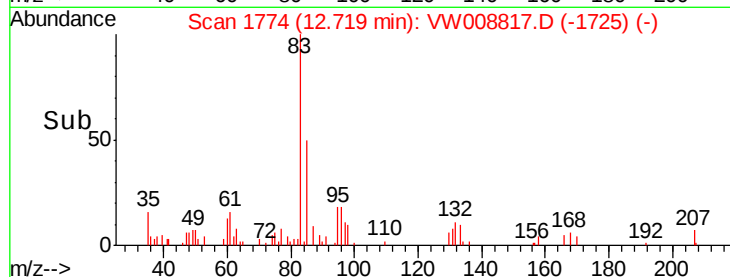
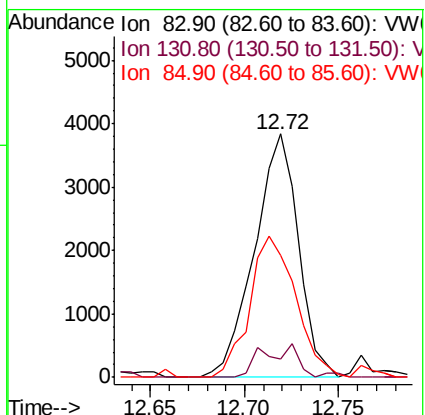
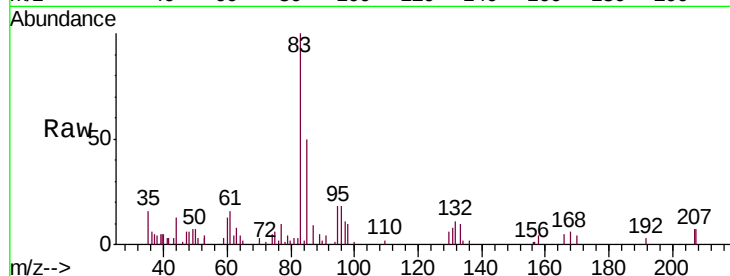
Tgt Ion: 83 Resp: 6188

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.7

85 61.1 33.0 98.9



#76

1,2,3-Trichloropropane

Concen: 4.313 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008817.D

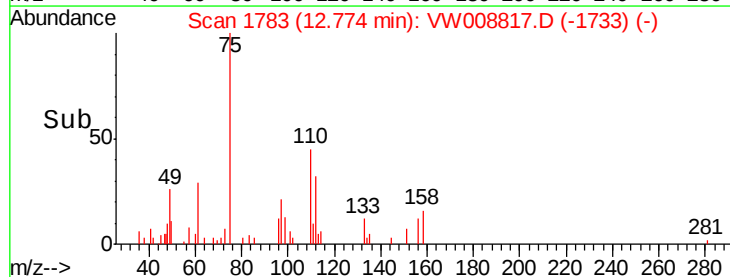
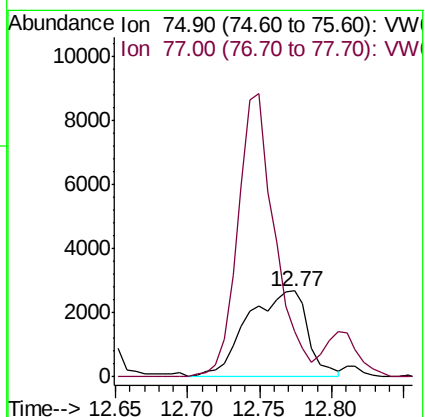
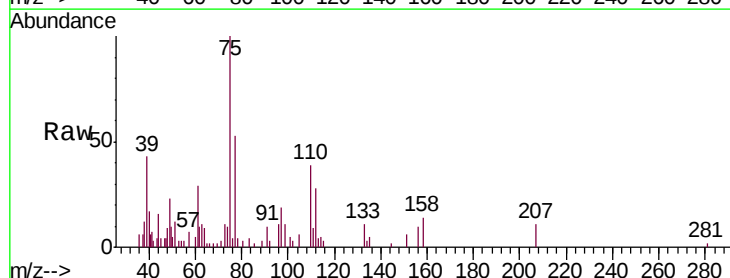
Acq: 25 Feb 2019 19:50

Tgt Ion: 75 Resp: 7865

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.398 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

BFB

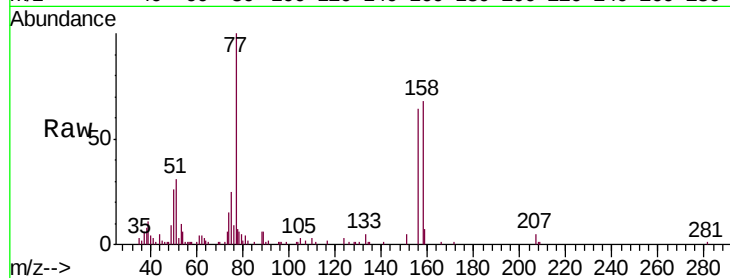
Tgt Ion: 156 Resp: 8581

Ion Ratio Lower Upper

156 100

77 184.7 89.1 267.4

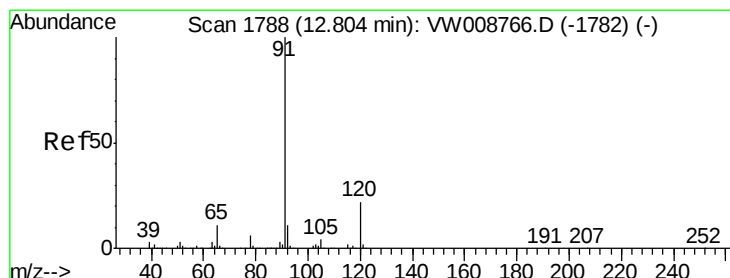
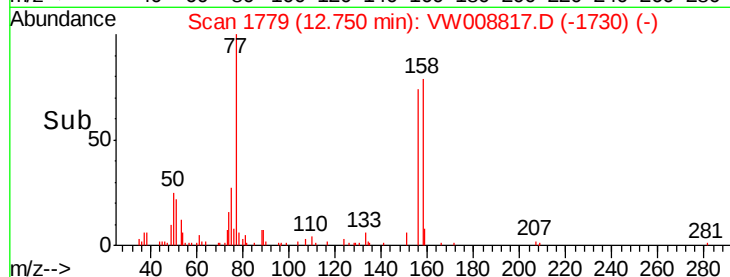
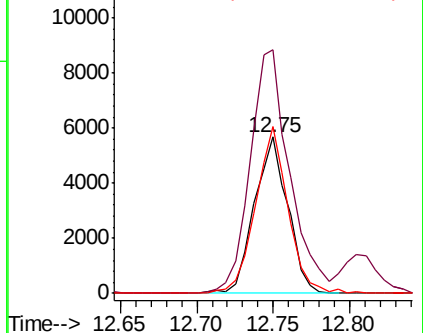
158 104.5 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.332 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008817.D

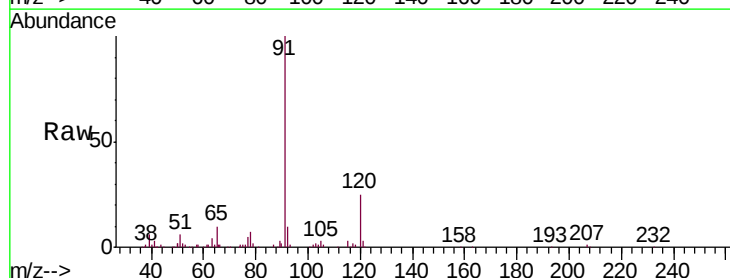
Acq: 25 Feb 2019 19:50

Tgt Ion: 91 Resp: 43199

Ion Ratio Lower Upper

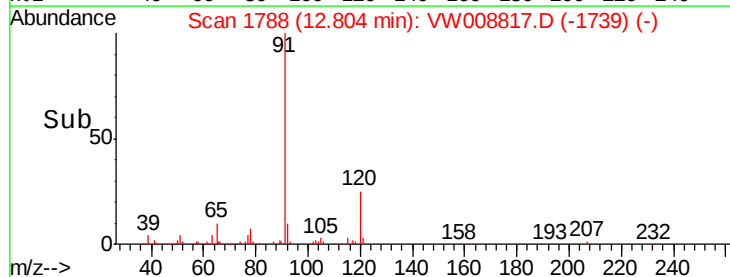
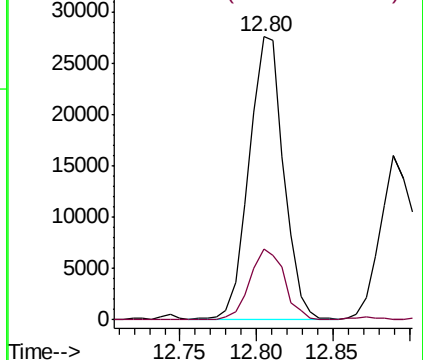
91 100

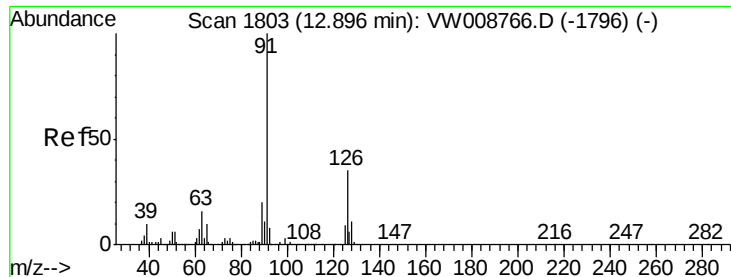
120 25.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.436 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampled :

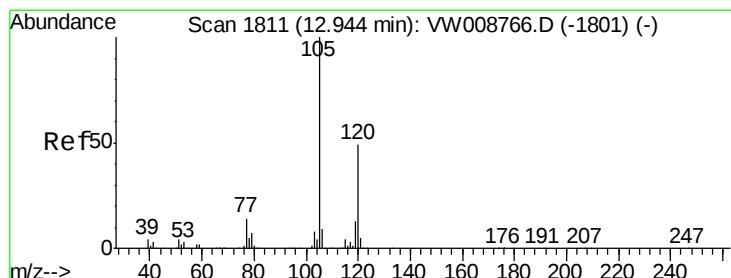
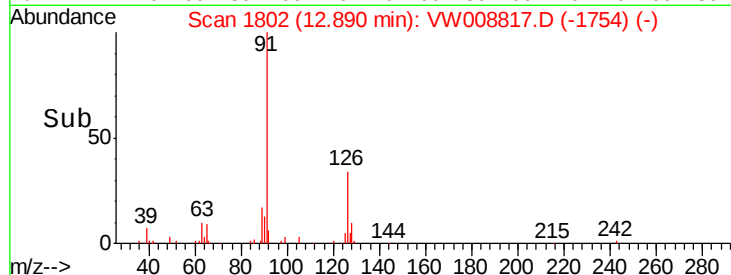
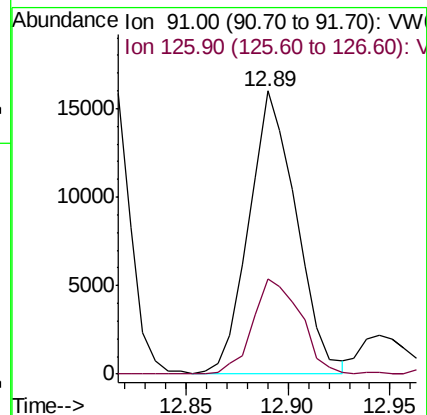
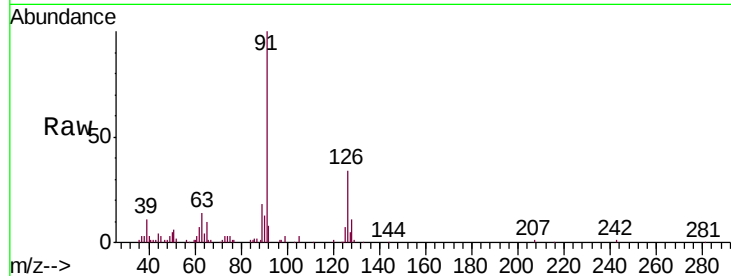
BFB

Tgt Ion: 91 Resp: 25611

Ion Ratio Lower Upper

91 100

126 34.2 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 2.256 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008817.D

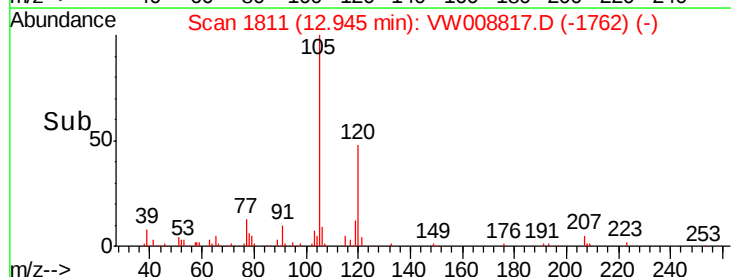
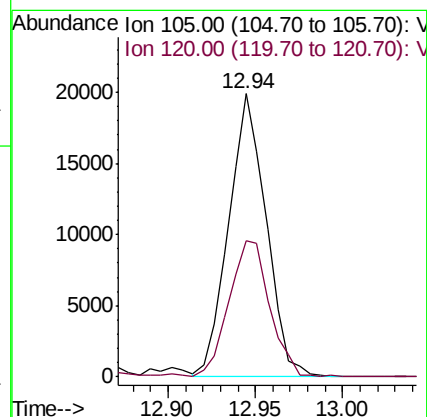
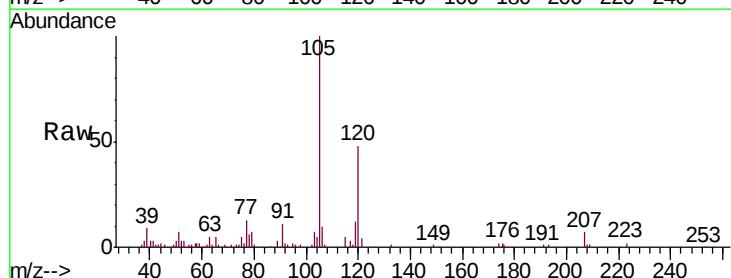
Acq: 25 Feb 2019 19:50

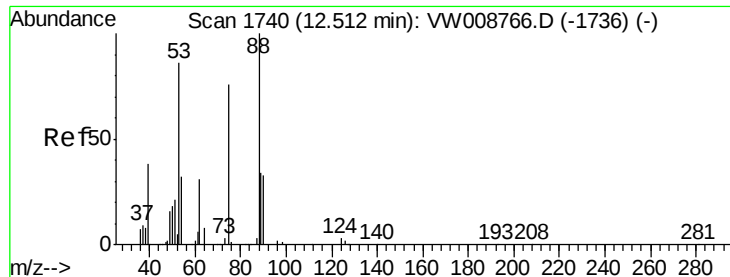
Tgt Ion: 105 Resp: 29682

Ion Ratio Lower Upper

105 100

120 52.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 142.746 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampleId :

BFB

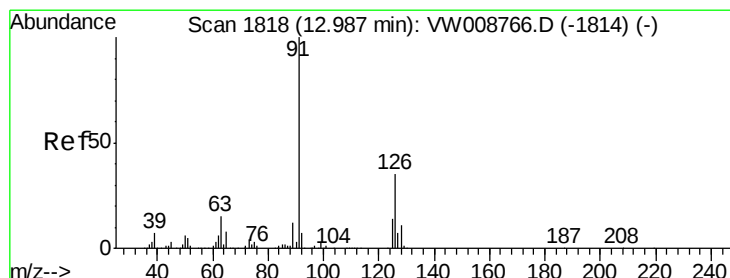
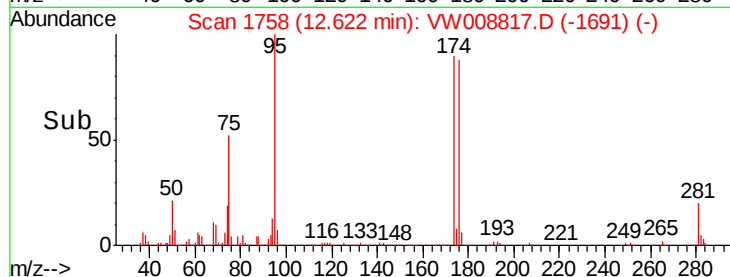
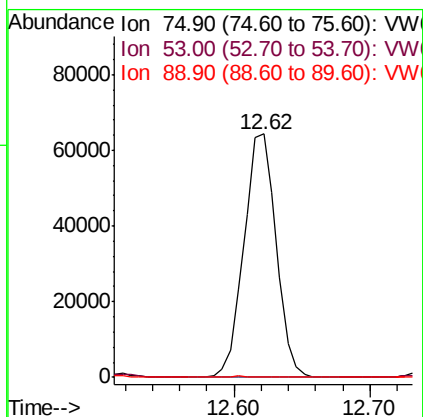
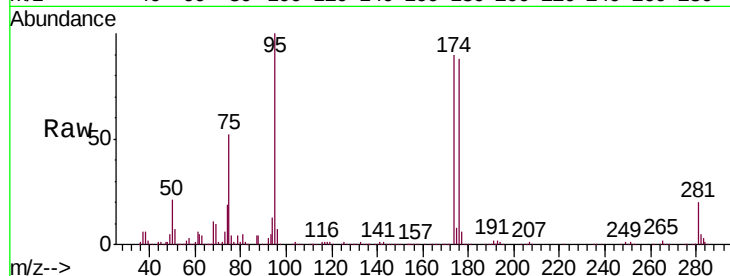
Tgt Ion: 75 Resp: 107074

Ion Ratio Lower Upper

75 100

53 0.4 88.2 132.2#

89 0.5 39.5 59.3#



#82

4-Chlorotoluene

Concen: 2.421 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW008817.D

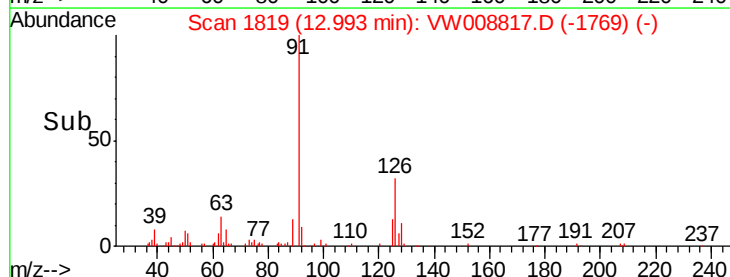
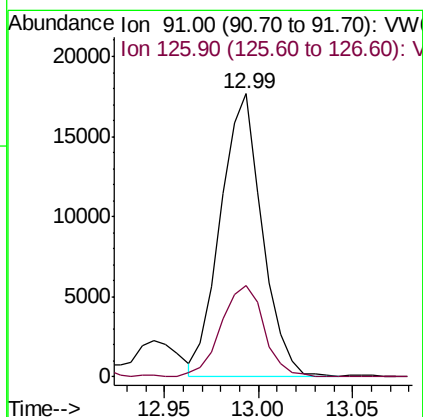
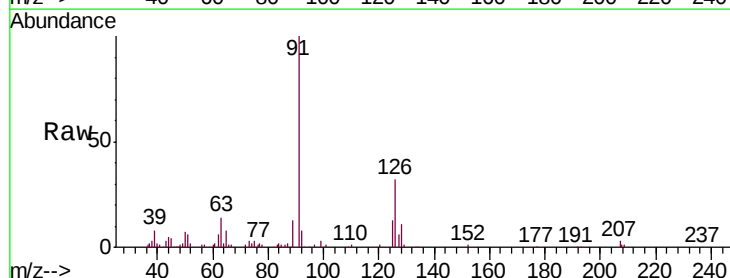
Acq: 25 Feb 2019 19:50

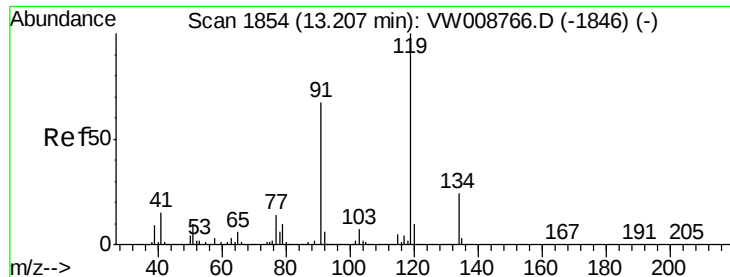
Tgt Ion: 91 Resp: 26830

Ion Ratio Lower Upper

91 100

126 33.5 17.2 51.6

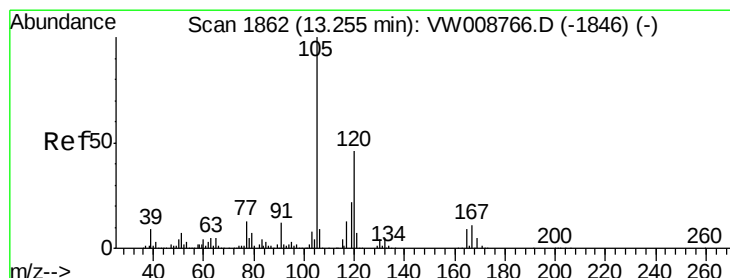
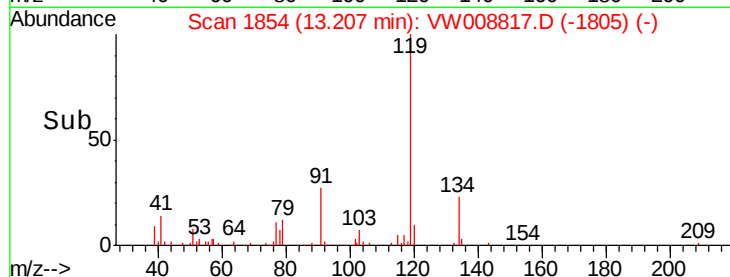
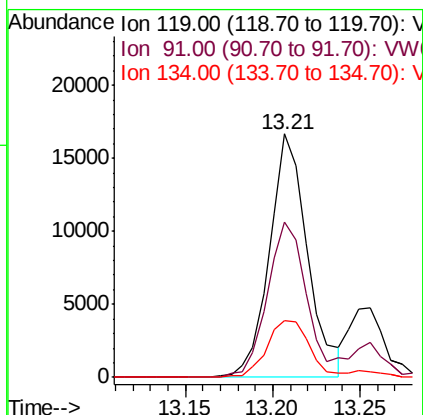
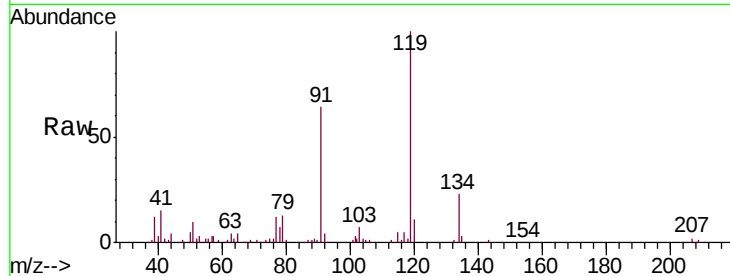




#83
 tert-Butylbenzene
 Concen: 2.222 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

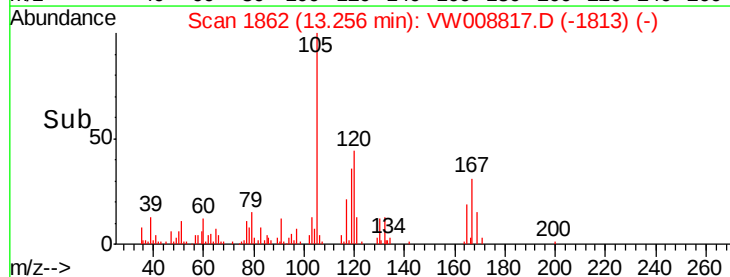
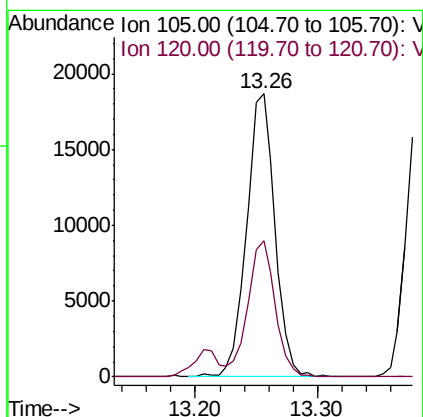
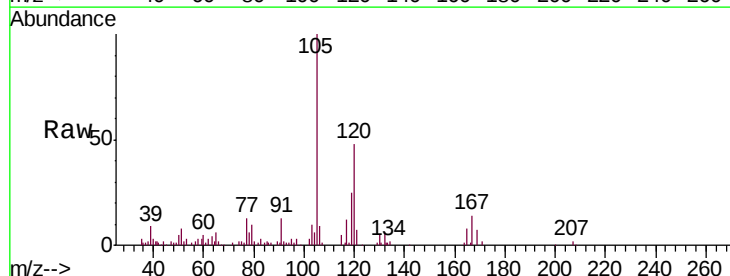
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

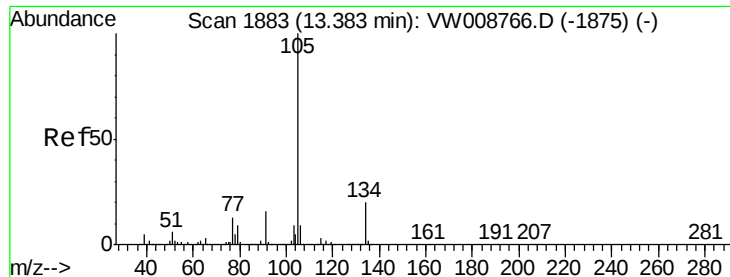
Tgt Ion:119 Resp: 25283
 Ion Ratio Lower Upper
 119 100
 91 68.2 33.6 100.8
 134 26.1 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 2.213 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Tgt Ion:105 Resp: 30144
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.8 68.4

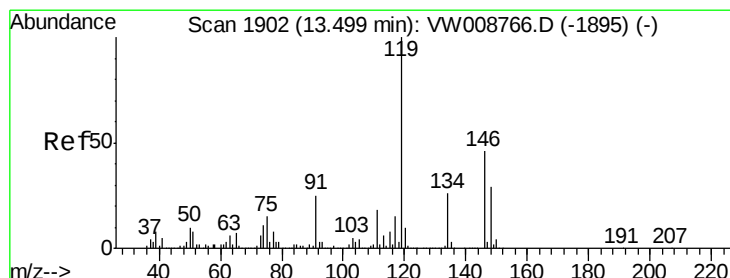
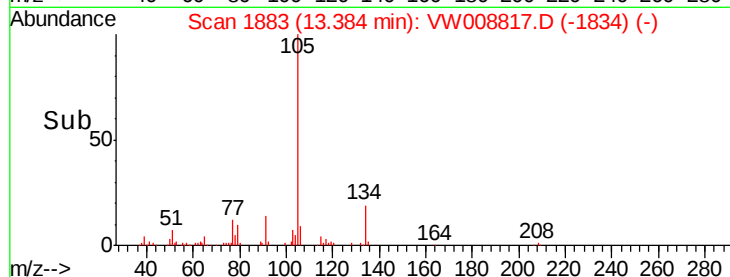
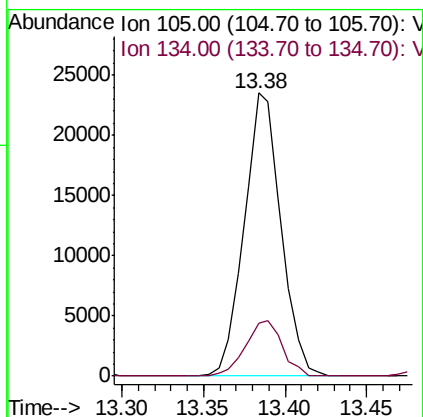
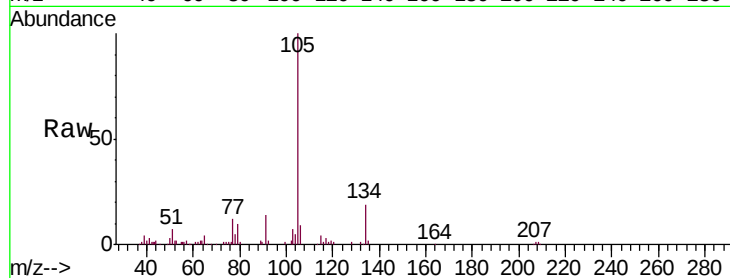




#85
 sec-Butylbenzene
 Concen: 2.250 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

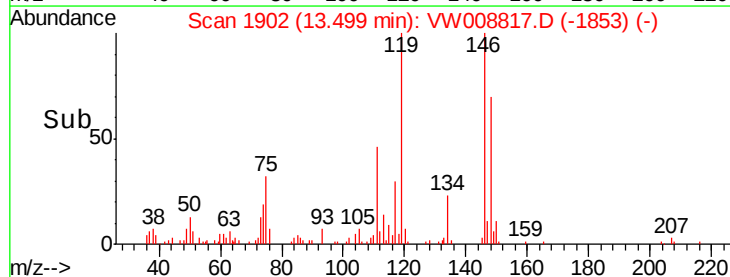
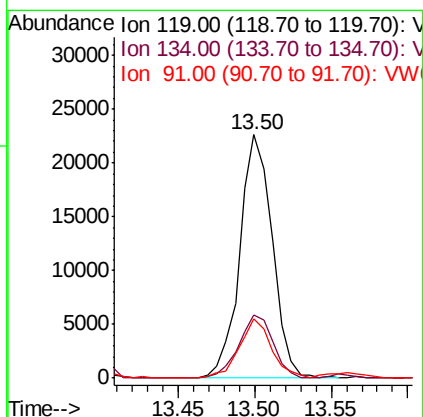
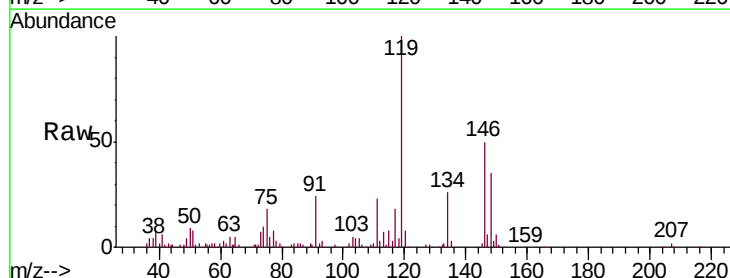
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

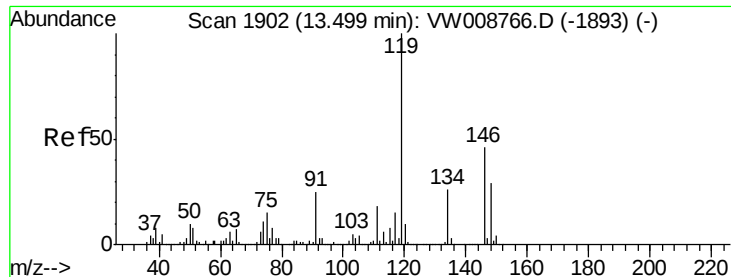
Tgt Ion:105 Resp: 36809
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 2.228 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Tgt Ion:119 Resp: 33418
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.3
 91 24.1 12.1 36.3

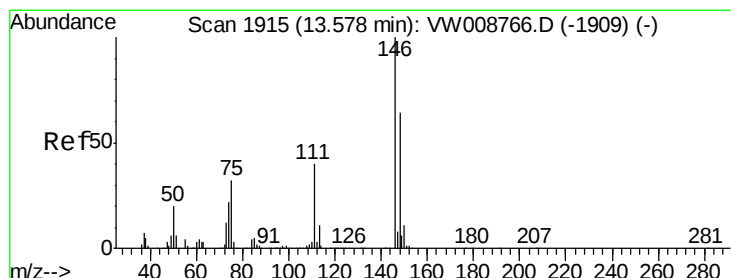
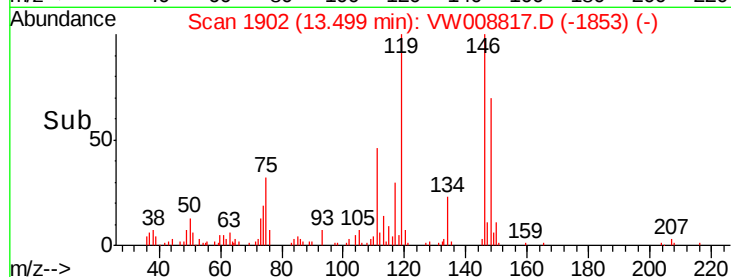
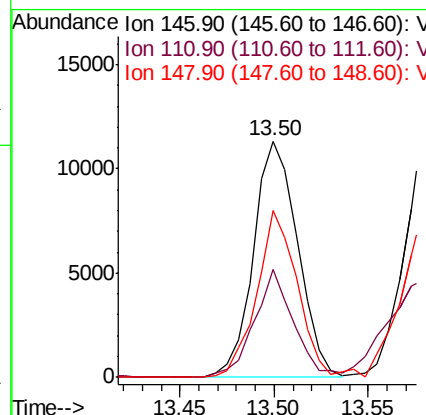
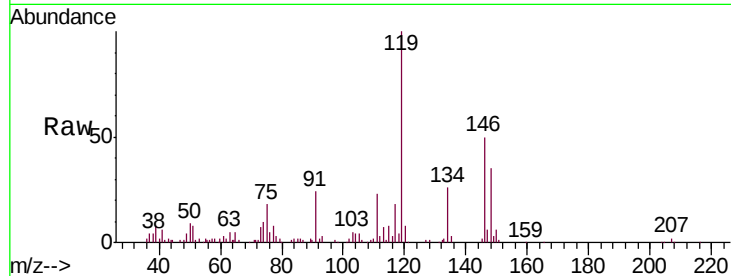




#87
 1,3-Dichlorobenzene
 Concen: 2.474 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

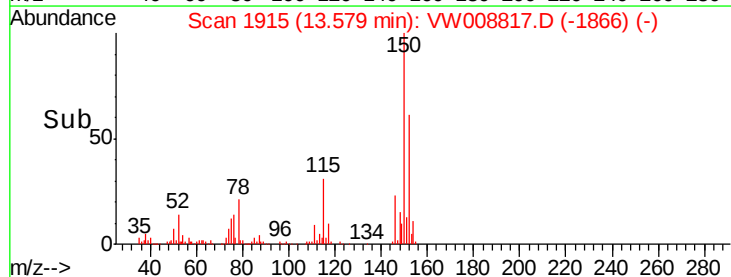
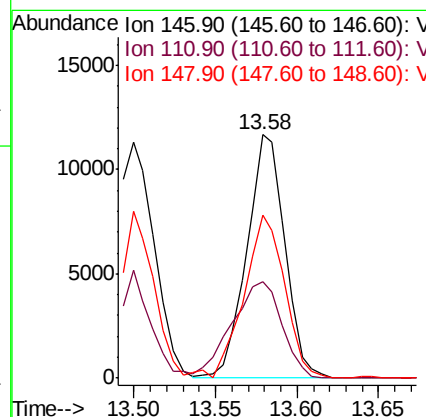
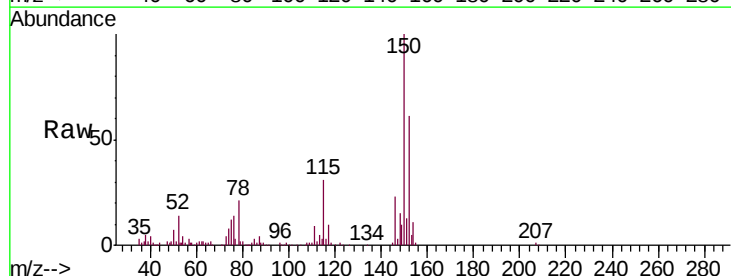
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

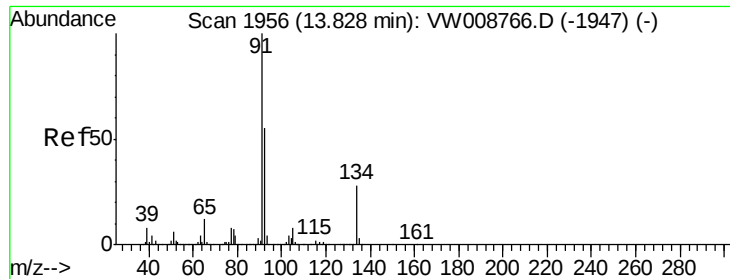
Tgt Ion:146 Resp: 18368
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.9 59.7
 148 64.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 2.591 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Tgt Ion:146 Resp: 18957
 Ion Ratio Lower Upper
 146 100
 111 52.0 19.3 57.9
 148 71.3 31.9 95.9





#89

n-Butylbenzene

Concen: 2.194 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008817.D

Acq: 25 Feb 2019 19:50

Instrument :

MSVOA_W

ClientSampled :

BFB

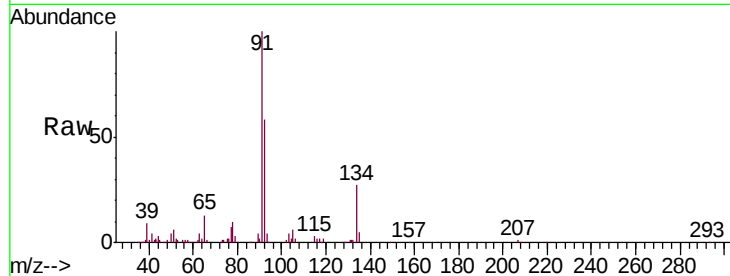
Tgt Ion: 91 Resp: 30828

Ion Ratio Lower Upper

91 100

92 54.1 26.8 80.4

134 27.3 13.5 40.4

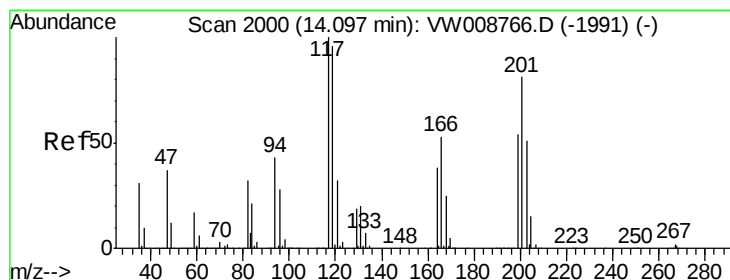
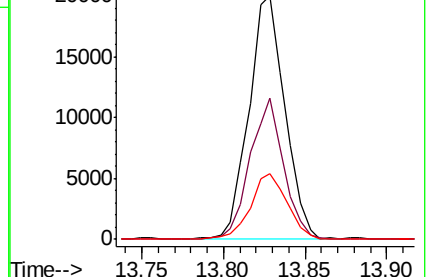
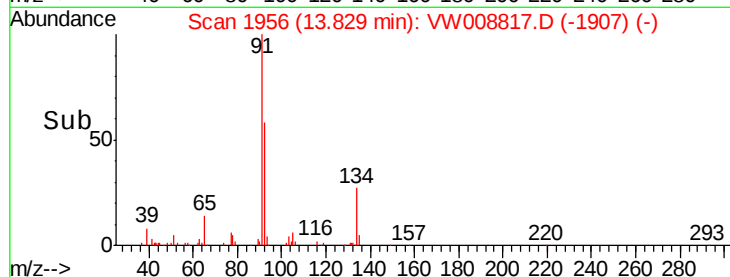


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

Time-->



#90

Hexachloroethane

Concen: 2.230 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW008817.D

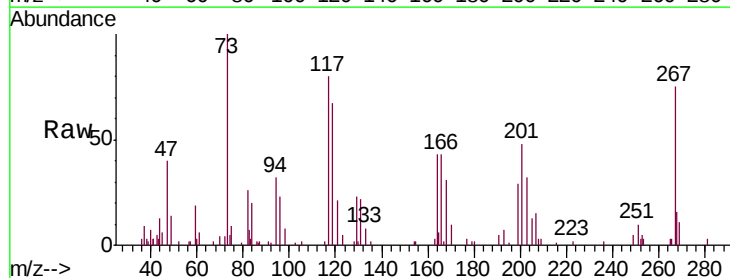
Acq: 25 Feb 2019 19:50

Tgt Ion: 117 Resp: 5475

Ion Ratio Lower Upper

117 100

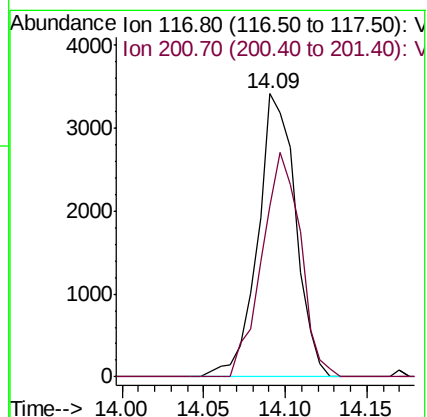
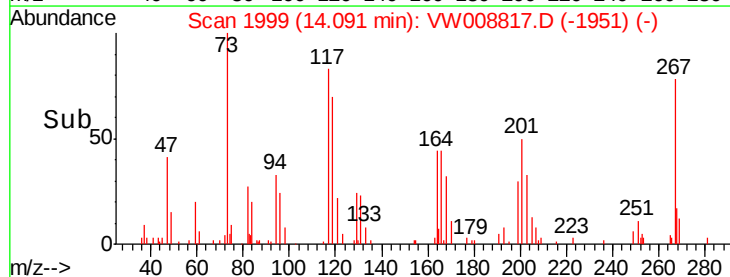
201 80.6 40.3 120.8

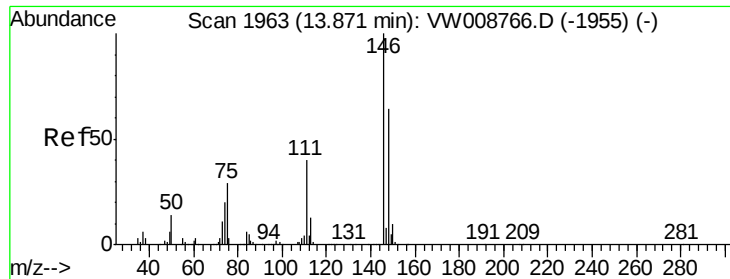


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

Time-->

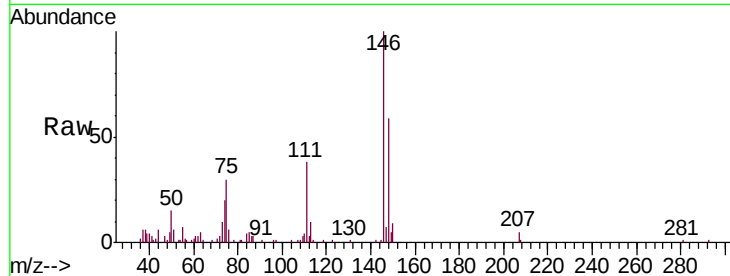




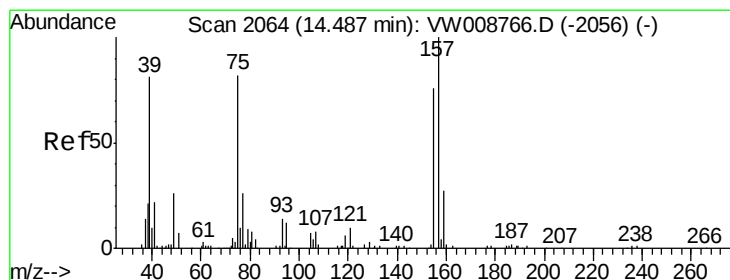
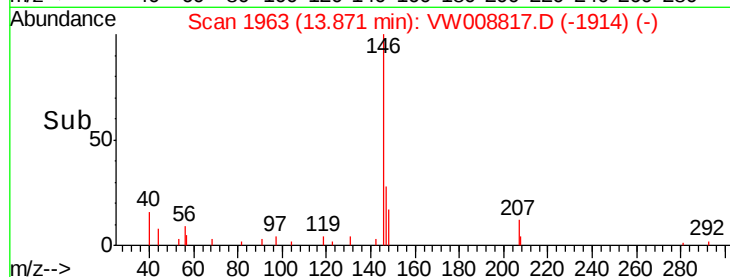
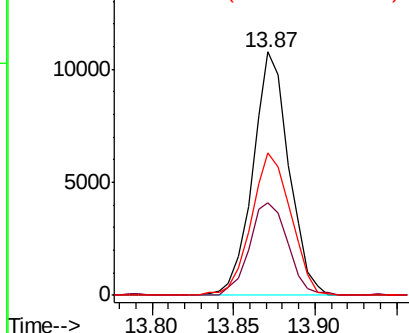
#91
 1,2-Dichlorobenzene
 Concen: 2.506 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.8
148	64.0	32.5	97.5

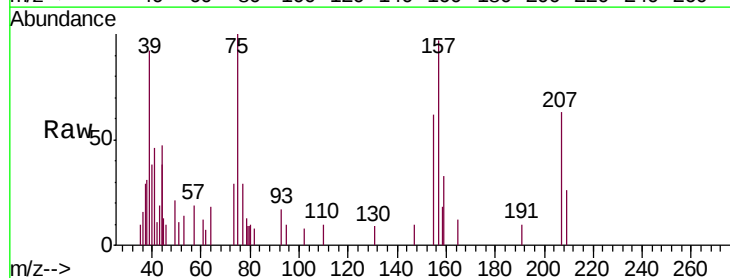


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

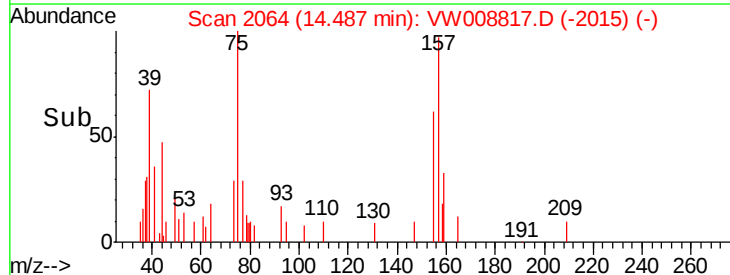
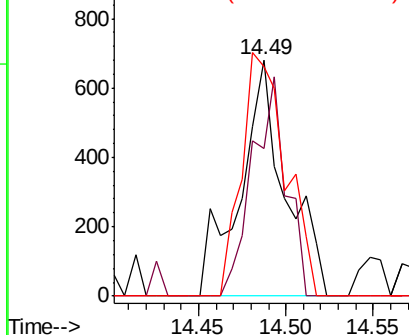


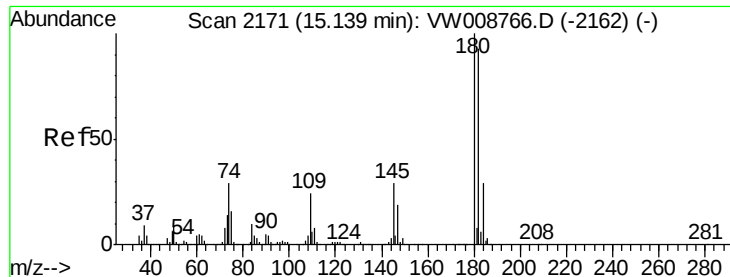
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.777 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.5	41.8	125.4
157	99.0	56.6	169.9



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

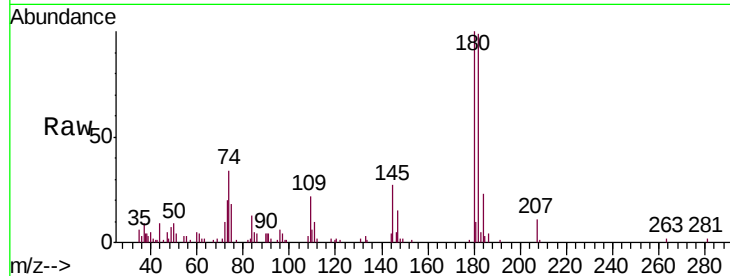




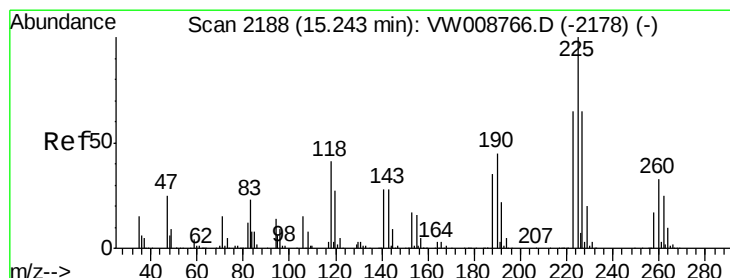
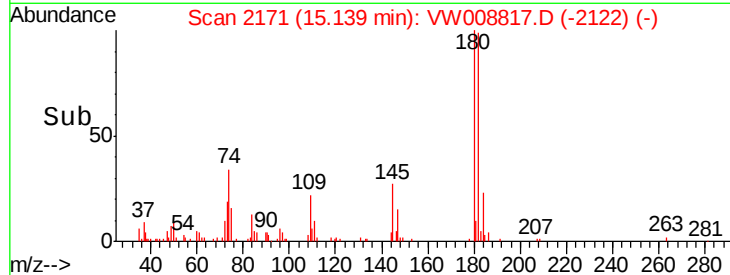
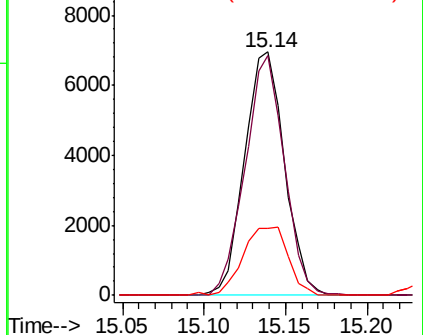
#93
 1,2,4-Trichlorobenzene
 Concen: 2.492 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tgt Ion:180 Resp: 11878
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.2 141.6
 145 31.6 14.4 43.0

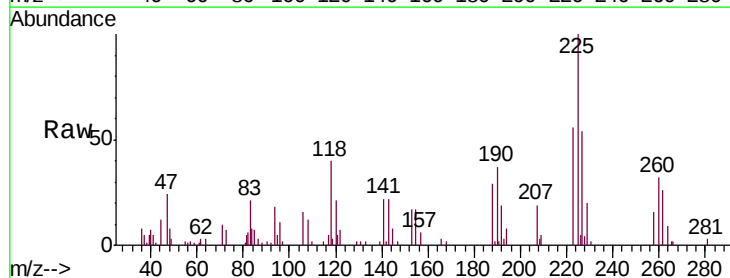


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

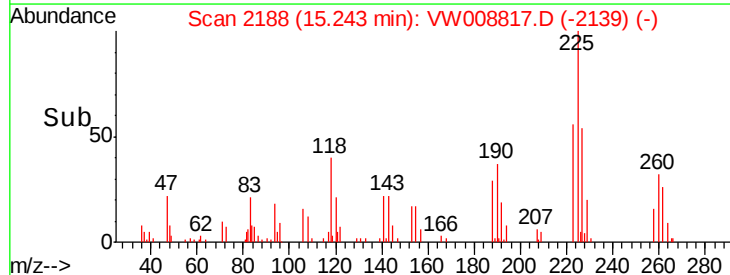
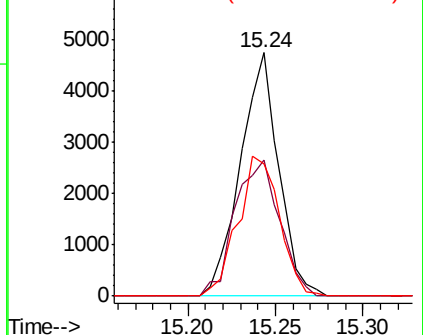


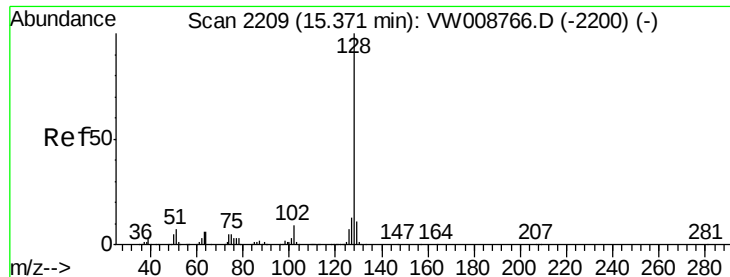
#94
 Hexachlorobutadiene
 Concen: 2.577 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008817.D
 Acq: 25 Feb 2019 19:50

Tgt Ion:225 Resp: 7235
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.5 94.5
 227 62.2 31.6 94.8



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

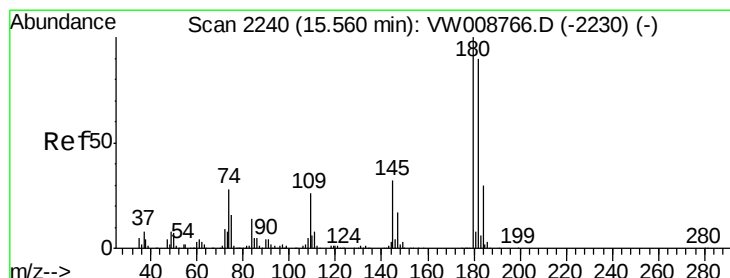
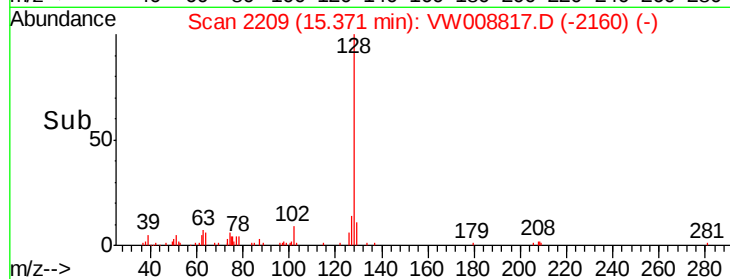
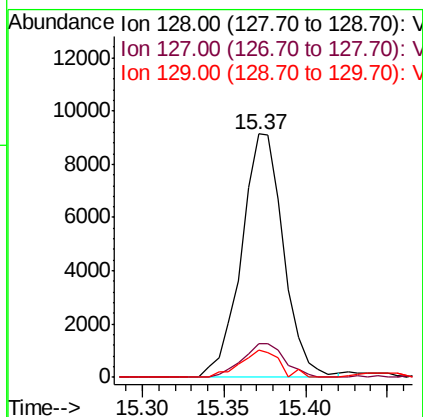
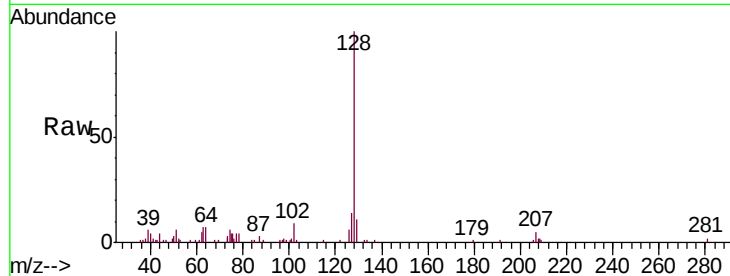




#95
Naphthalene
Concen: 2.019 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:128 Resp: 16383
Ion Ratio Lower Upper
128 100
127 13.9 10.8 16.2
129 10.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.529 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008817.D
Acq: 25 Feb 2019 19:50

Tgt Ion:180 Resp: 10421
Ion Ratio Lower Upper
180 100
182 90.5 46.9 140.8
145 32.9 15.9 47.6

