

Data File : VF060174.D
Acq On : 29 Aug 2018 4:38
Operator : VA/AP
Sample : VF0829SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
BFB

Quant Time: Aug 29 07:25:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 29 03:22:03 2018
Response via : Initial Calibration

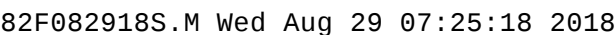
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	79650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	88363	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	74495	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	31435	50.00	ug/l	0.00

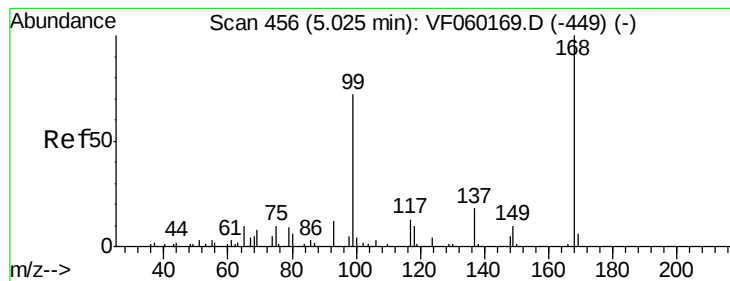
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	22595	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
35) Dibromofluoromethane	4.28	113	27051	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
50) Toluene-d8	7.71	98	101141	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.50	95	32728	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	

Target Compounds					Qvalue	
3) Chloromethane	1.08	50	835	1.367	ug/l	90
5) Bromomethane	1.32	94	709	2.317	ug/l #	65
10) Methyl Iodide	1.94	142	889	1.505	ug/l #	86
15) Acrylonitrile	3.06	53	116	4.797	ug/l #	74
16) Acetone	2.32	43	655	Below Cal	#	67
18) Methyl Acetate	2.42	43	74	Below Cal	#	67
20) Methylene Chloride	2.27	84	834	Below Cal	#	84
25) 2-Butanone	4.58	43	2560	43.687	ug/l	98
26) 2,2-Dichloropropane	3.79	77	59	3.992	ug/l #	66
29) Tetrahydrofuran	4.25	42	116	16.953	ug/l #	42
37) Ethyl Acetate	4.32	43	67	4.371	ug/l #	1
41) Methacrylonitrile	4.91	41	310	3.637	ug/l #	29
46) Dibromomethane	6.20	93	72	2.357	ug/l #	6
48) Methyl methacrylate	6.80	41	228	1.035	ug/l #	20
49) 1,4-Dioxane	6.49	88	61	146.787	ug/l #	19
51) 4-Methyl-2-Pentanone	8.40	43	780	4.713	ug/l	94
53) t-1,3-Dichloropropene	8.42	75	149	3.745	ug/l #	42
54) cis-1,3-Dichloropropene	7.46	75	130	5.549	ug/l #	21
56) Ethyl methacrylate	8.74	69	88	4.850	ug/l #	10
59) 2-Hexanone	9.62	43	1102	9.487	ug/l	95
74) N-amyl acetate	11.46	43	472	1.831	ug/l #	52
81) trans-1,4-Dichloro-2-buten	11.92	75	156	6.494	ug/l #	24
88) 1,4-Dichlorobenzene	12.64	146	1378	1.426	ug/l	84
89) n-Butylbenzene	12.92	91	1752	4.187	ug/l #	72
91) 1,2-Dichlorobenzene	13.01	146	950	1.147	ug/l	84
92) 1,2-Dibromo-3-Chloropropan	13.78	75	59	1.492	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.27	180	494	5.591	ug/l	85
95) Naphthalene	14.52	128	843	9.844	ug/l #	68
96) 1,2,3-Trichlorobenzene	14.67	180	409	6.430	ug/l #	34

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

Quant Time: Aug 29 07:25:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082918S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 29 03:22:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

Instrument :

MSVOA_F

ClientSampleId :

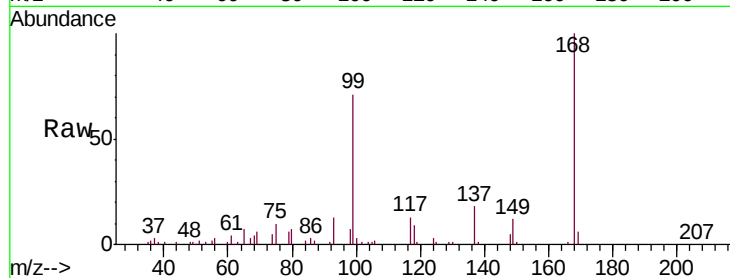
BFB

Tgt Ion: 168 Resp: 79650

Ion Ratio Lower Upper

168 100

99 71.5 57.9 86.9



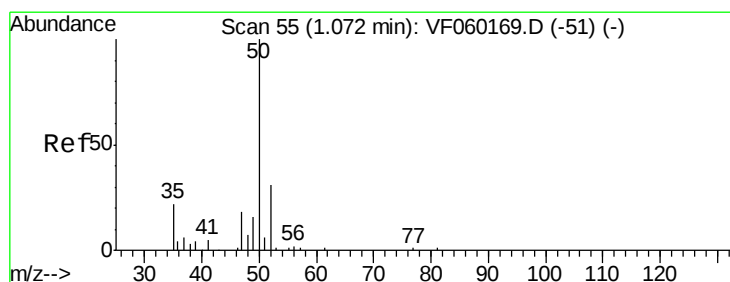
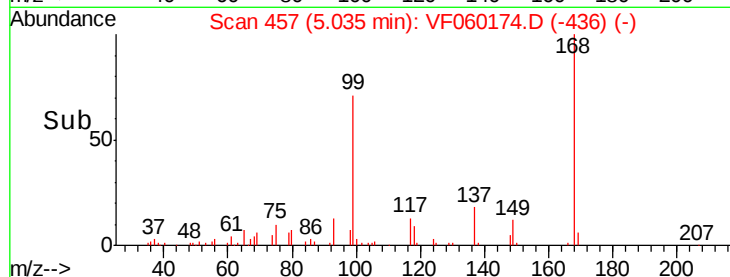
Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

Time-->

Chromatogram showing abundance versus time (4.90 to 5.20 min). Peaks are labeled: 5.03.



#3

Chloromethane

Concen: 1.367 ug/l

RT: 1.08 min Scan# 56

Delta R.T. 0.01 min

Lab File: VF060174.D

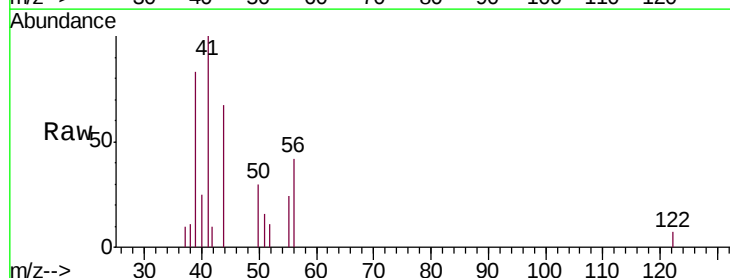
Acq: 29 Aug 2018 4:38

Tgt Ion: 50 Resp: 835

Ion Ratio Lower Upper

50 100

52 35.7 24.4 36.6



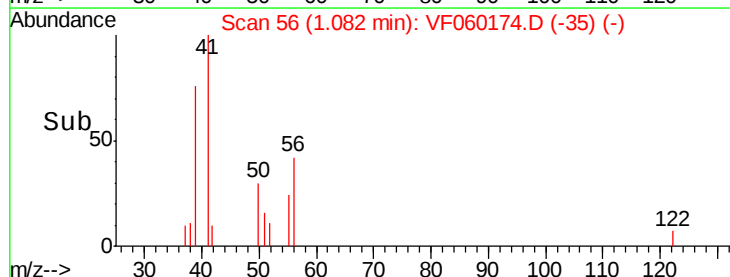
Abundance Ion 50.00 (49.70 to 50.70): VF0

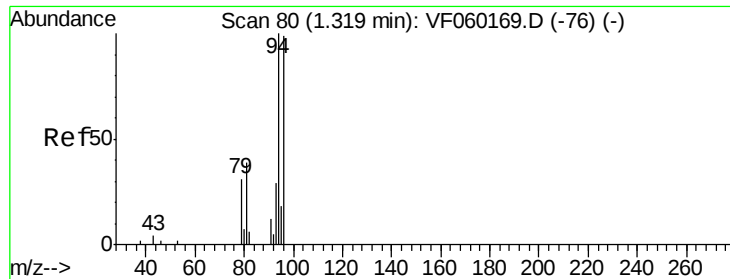
Ion 52.00 (51.70 to 52.70): VF0

1.08

Time-->

Chromatogram showing abundance versus time (1.05 to 1.10 min). Peaks are labeled: 1.08.





#5

Bromomethane

Concen: 2.317 ug/l

RT: 1.32 min Scan# 80

Delta R.T. -0.00 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

Instrument :

MSVOA_F

ClientSampled :

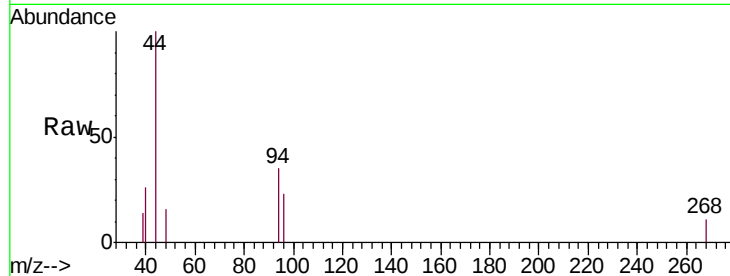
BFB

Tgt Ion: 94 Resp: 709

Ion Ratio Lower Upper

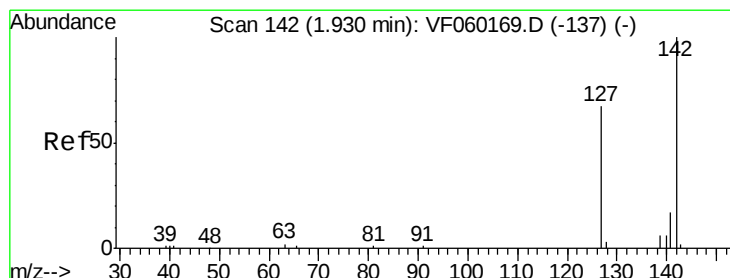
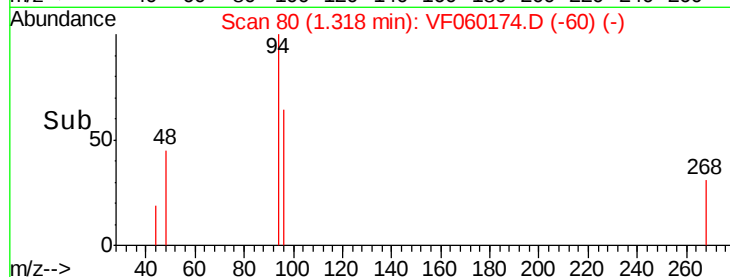
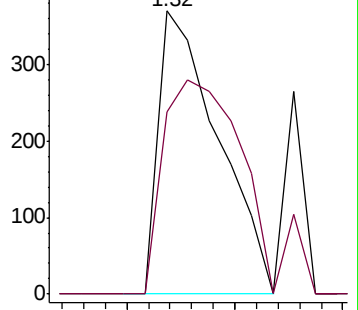
94 100

96 64.2 79.0 118.4#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#10

Methyl Iodide

Concen: 1.505 ug/l

RT: 1.94 min Scan# 143

Delta R.T. 0.01 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

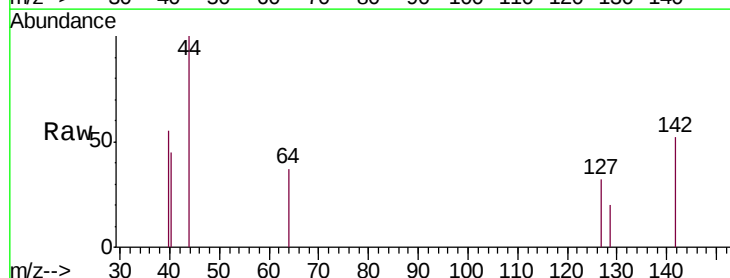
Tgt Ion: 142 Resp: 889

Ion Ratio Lower Upper

142 100

127 61.2 53.9 80.9

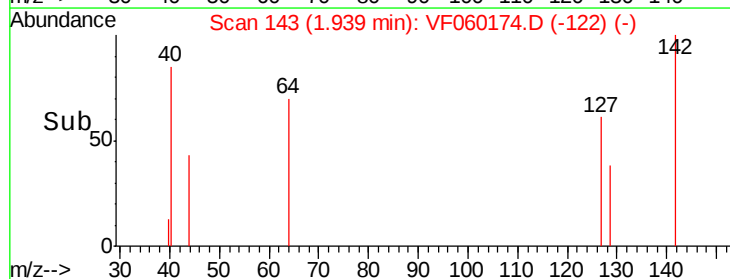
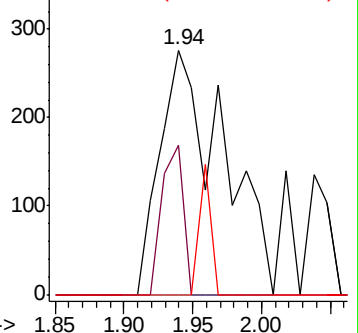
141 0.0 13.4 20.2#

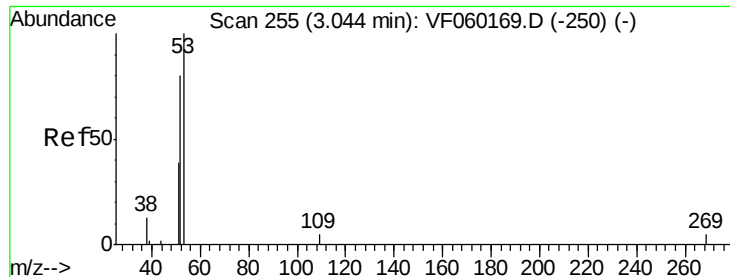


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#15

Acrylonitrile

Concen: 4.797 ug/l

RT: 3.06 min Scan# 257

Delta R.T. 0.02 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

Instrument :

MSVOA_F

ClientSampled :

BFB

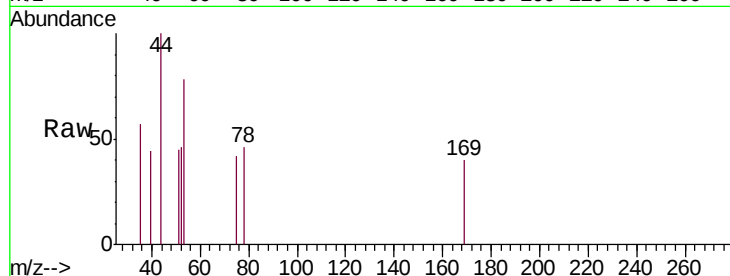
Tgt Ion: 53 Resp: 116

Ion Ratio Lower Upper

53 100

52 59.2 64.4 96.6#

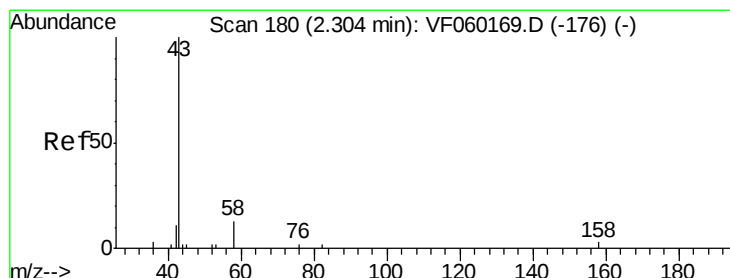
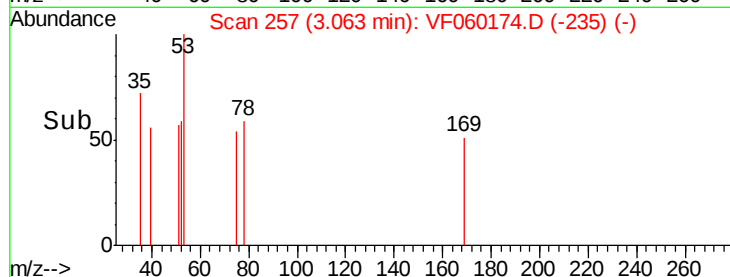
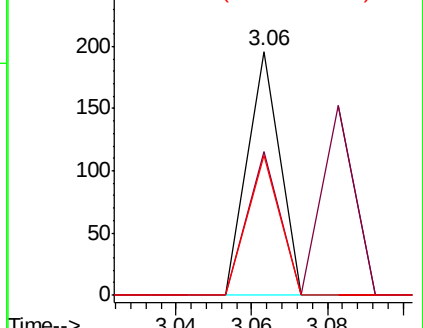
51 57.1 31.0 46.4#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 182

Delta R.T. 0.02 min

Lab File: VF060174.D

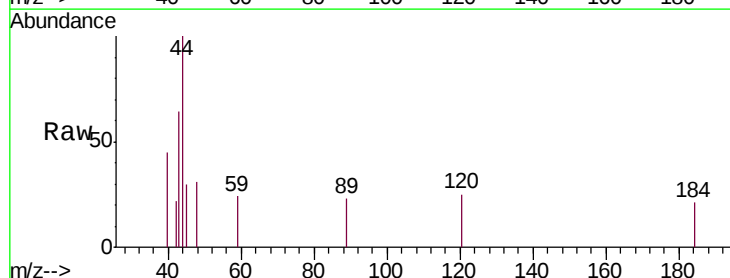
Acq: 29 Aug 2018 4:38

Tgt Ion: 43 Resp: 655

Ion Ratio Lower Upper

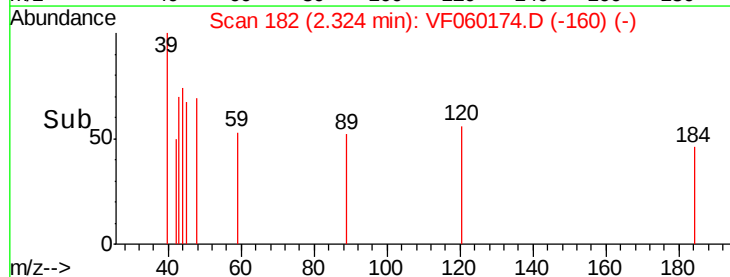
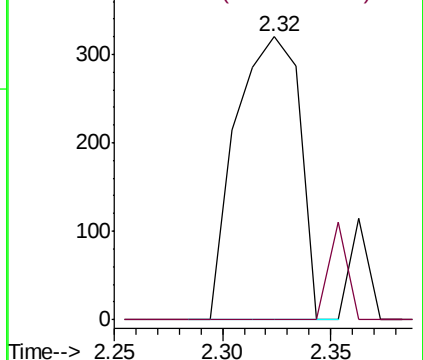
43 100

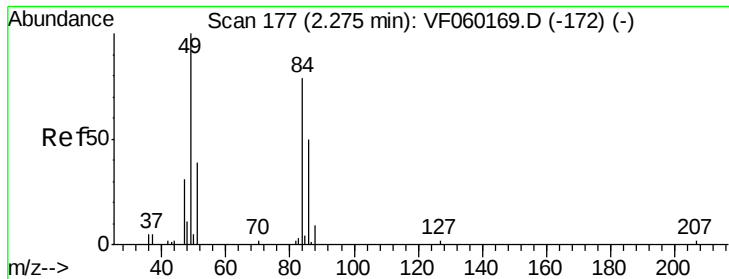
58 0.0 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

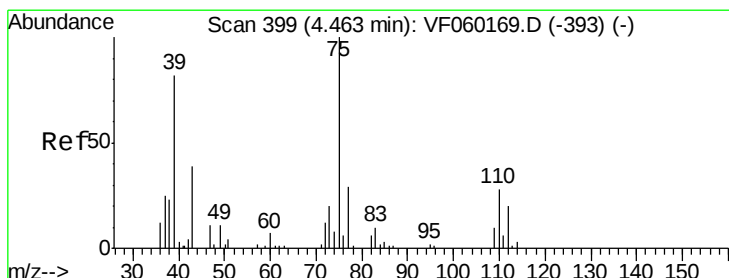
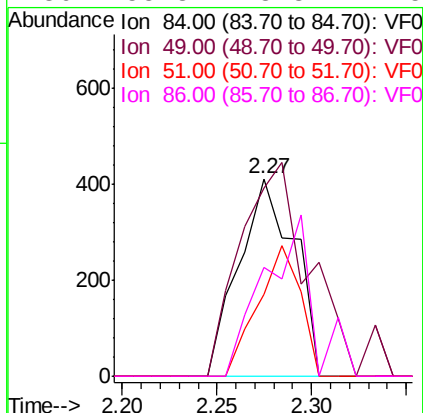
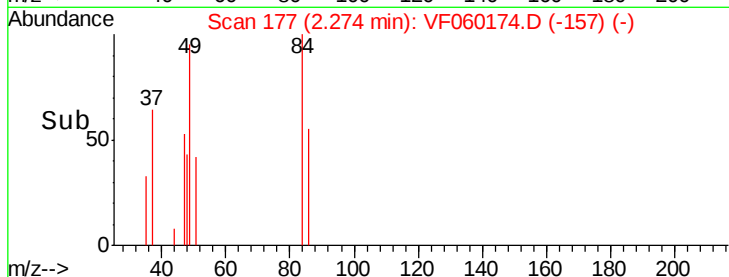
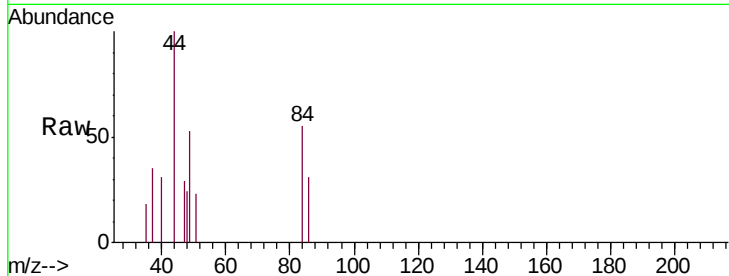




#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF060174.D
Acq: 29 Aug 2018 4:38

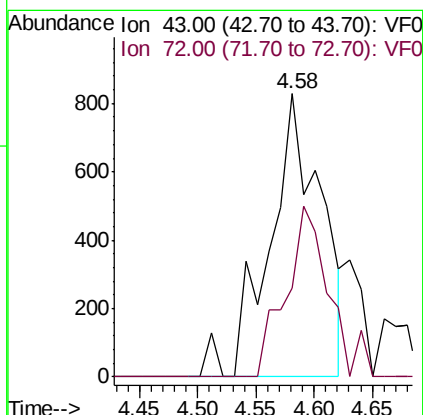
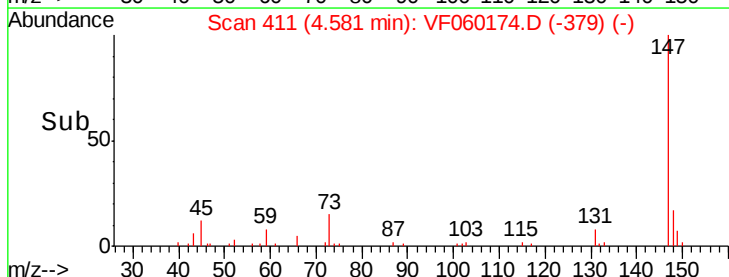
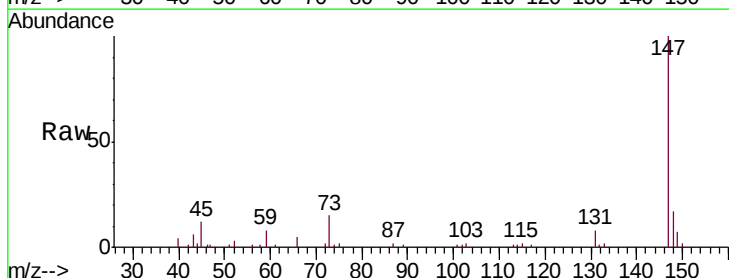
Instrument :
MSVOA_F
ClientSampleId :
BFB

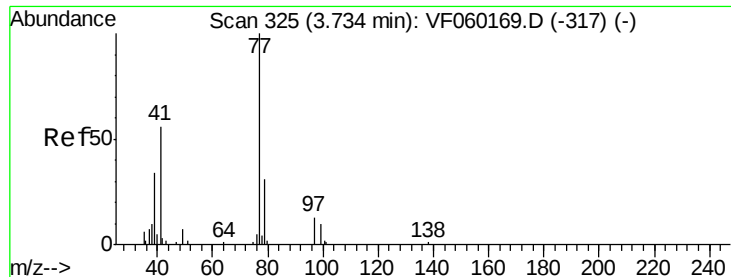
Tgt Ion:	84	Resp:	834
Ion	Ratio	Lower	Upper
84	100		
49	94.9	97.0	145.4#
51	41.5	38.2	57.2
86	55.3	48.3	72.5



#25
2-Butanone
Concen: 43.687 ug/l
RT: 4.58 min Scan# 411
Delta R.T. 0.12 min
Lab File: VF060174.D
Acq: 29 Aug 2018 4:38

Tgt Ion:	43	Resp:	2560
Ion	Ratio	Lower	Upper
43	100		
72	31.4	24.2	36.2





#26

2,2-Dichloropropane

Concen: 3.992 ug/l

RT: 3.79 min Scan# 331

Delta R.T. 0.06 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

Instrument :

MSVOA_F

ClientSampled :

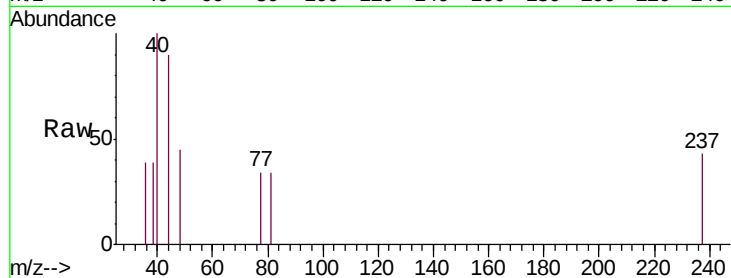
BFB

Tgt Ion: 77 Resp: 59

Ion Ratio Lower Upper

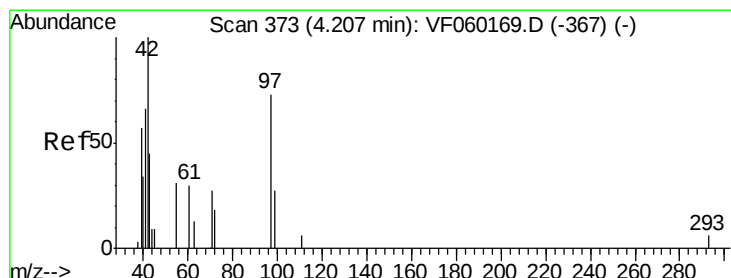
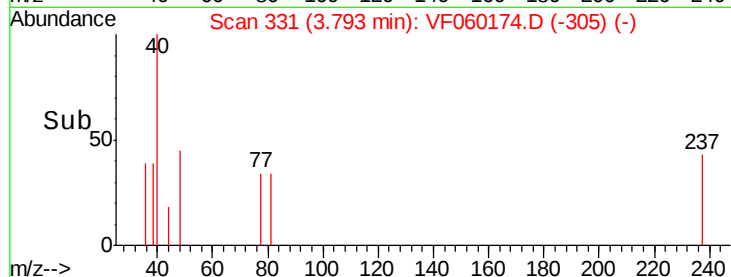
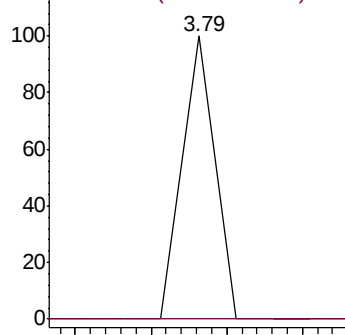
77 100

97 0.0 7.0 21.0#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



#29

Tetrahydrofuran

Concen: 16.953 ug/l

RT: 4.25 min Scan# 377

Delta R.T. 0.04 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

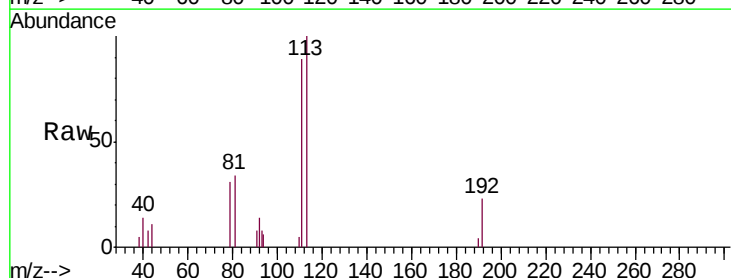
Tgt Ion: 42 Resp: 116

Ion Ratio Lower Upper

42 100

72 0.0 27.0 40.4#

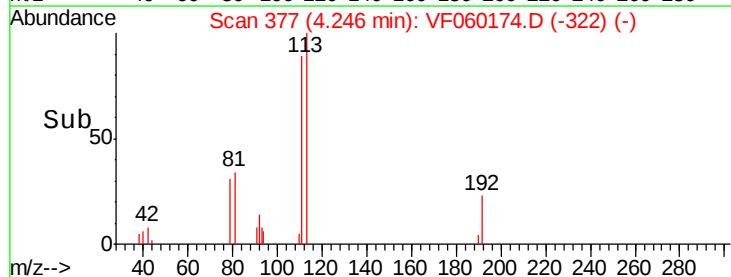
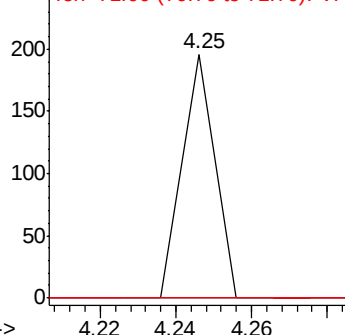
71 0.0 24.6 36.8#

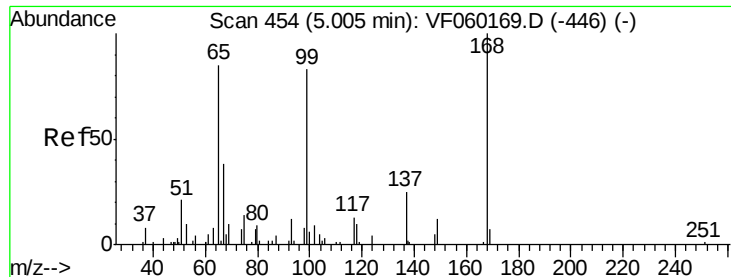


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 45.421 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

Instrument :

MSVOA_F

ClientSampleId :

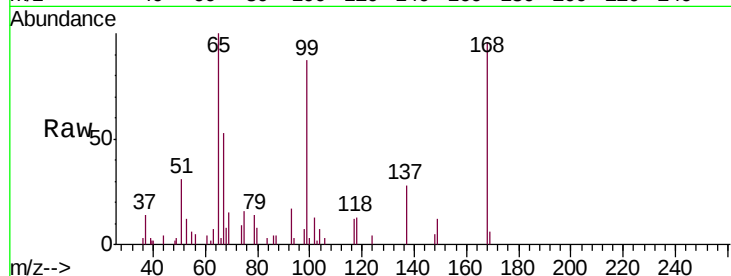
BFB

Tgt Ion: 65 Resp: 22595

Ion Ratio Lower Upper

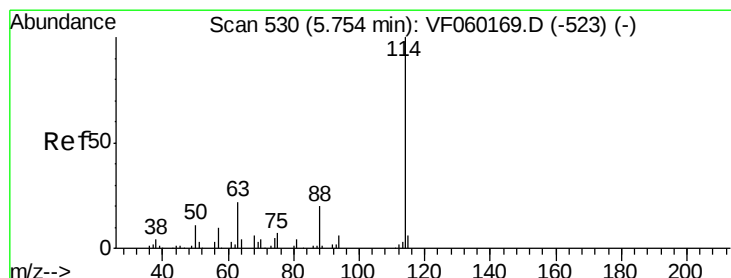
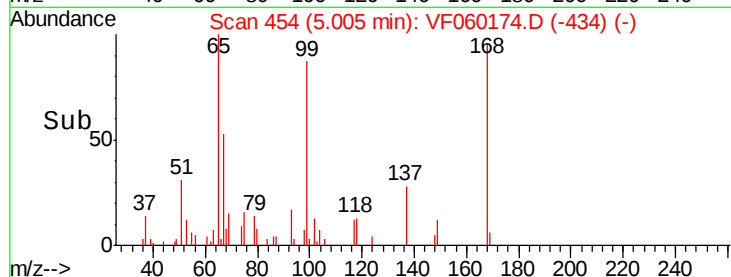
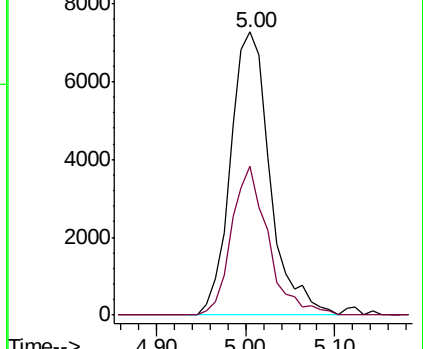
65 100

67 52.7 0.0 92.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

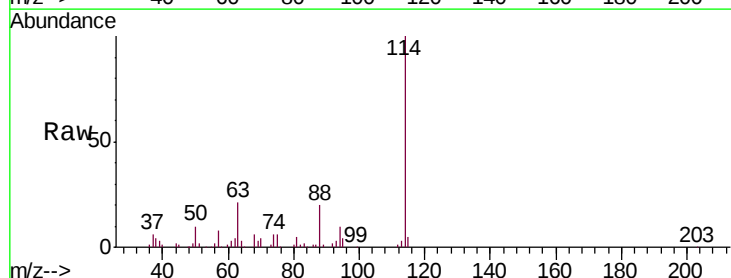
Tgt Ion: 114 Resp: 88363

Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.8

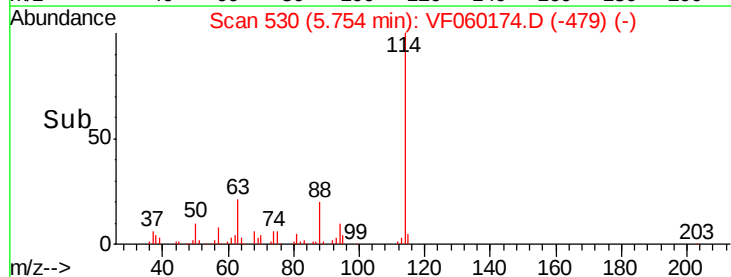
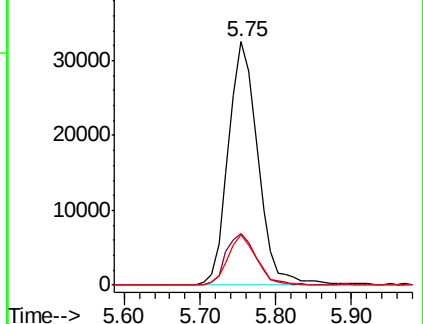
88 20.5 0.0 40.2

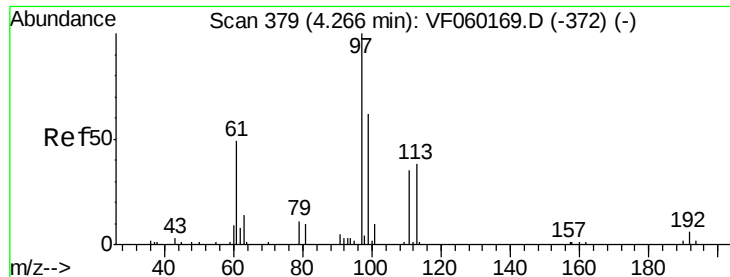


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

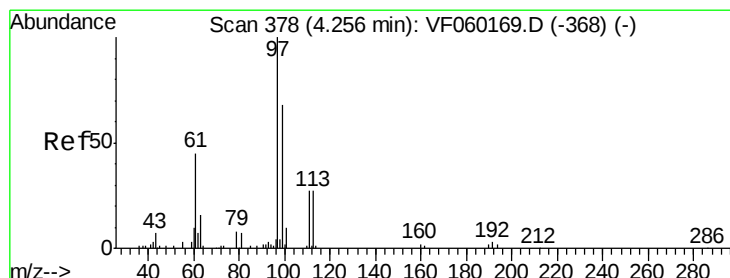
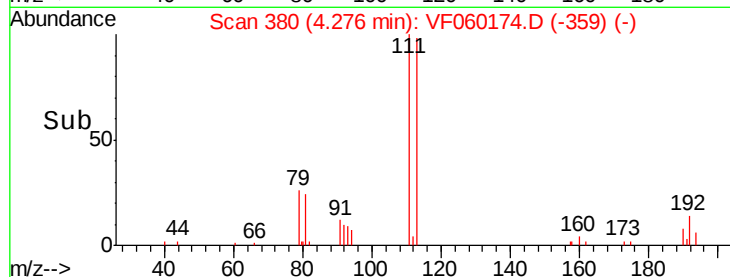
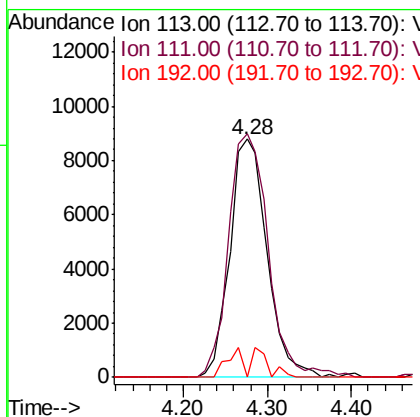
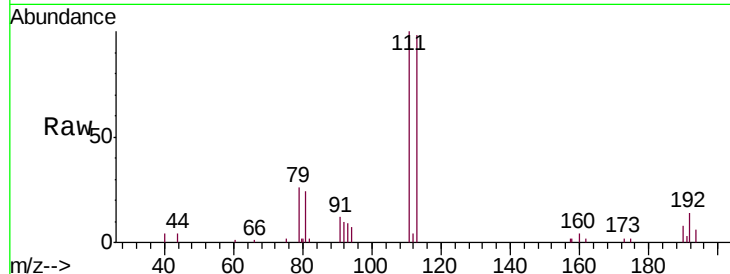




#35
 Dibromofluoromethane
 Concen: 47.587 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. 0.01 min
 Lab File: VF060174.D
 Acq: 29 Aug 2018 4:38

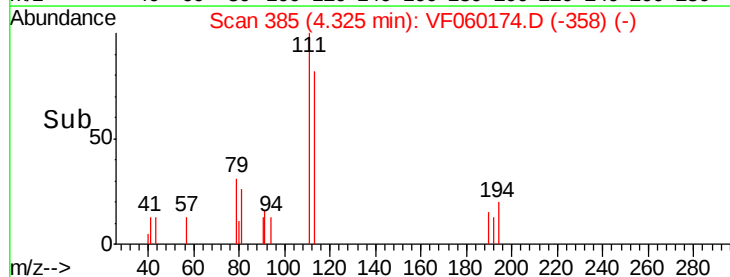
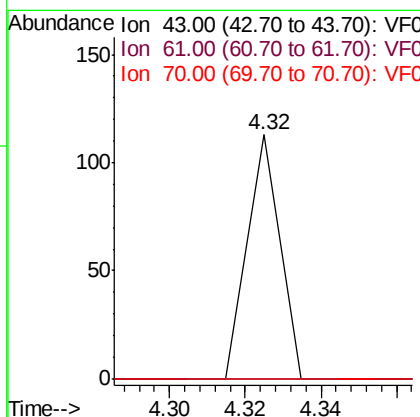
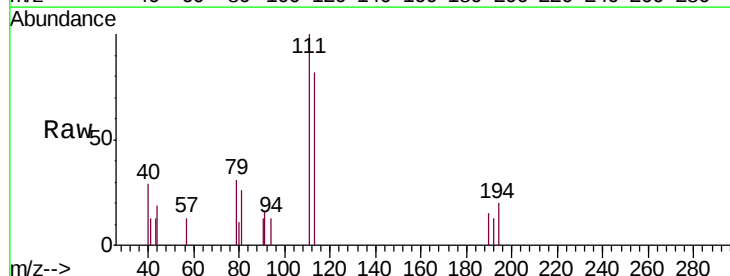
Instrument :
 MSVOA_F
 ClientSampleId :
 BFB

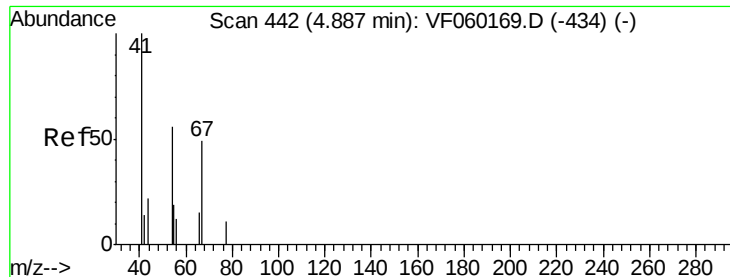
Tgt Ion: 113 Resp: 27051
 Ion Ratio Lower Upper
 113 100
 111 106.4 75.5 113.3
 192 0.0 12.5 18.7#



#37
 Ethyl Acetate
 Concen: 4.371 ug/l
 RT: 4.32 min Scan# 385
 Delta R.T. 0.07 min
 Lab File: VF060174.D
 Acq: 29 Aug 2018 4:38

Tgt Ion: 43 Resp: 67
 Ion Ratio Lower Upper
 43 100
 61 0.0 517.6 776.4#
 70 0.0 15.4 23.2#

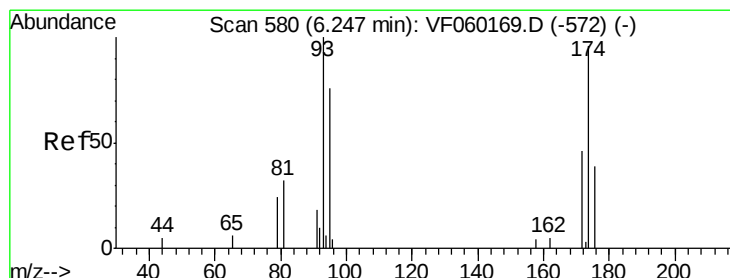
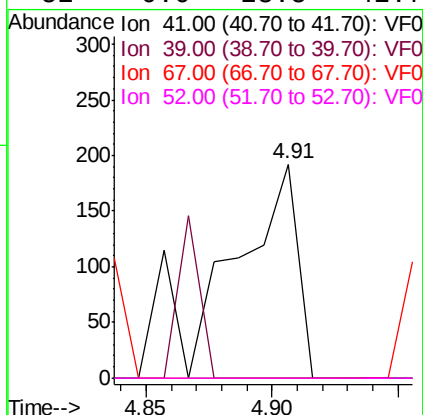
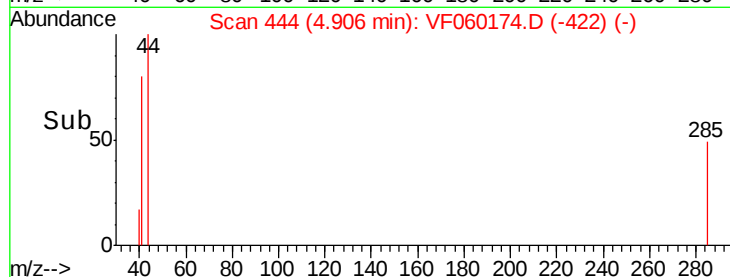
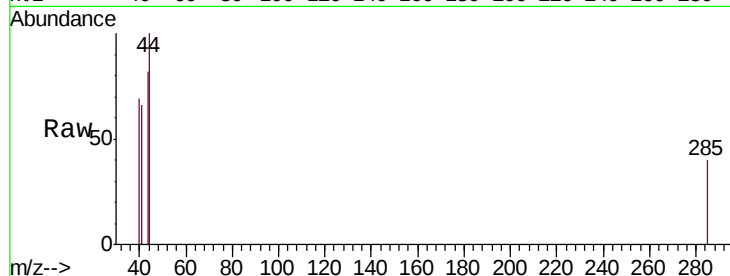




#41
Methacrylonitrile
Concen: 3.637 ug/l
RT: 4.91 min Scan# 444
Delta R.T. 0.02 min
Lab File: VF060174.D
Acq: 29 Aug 2018 4:38

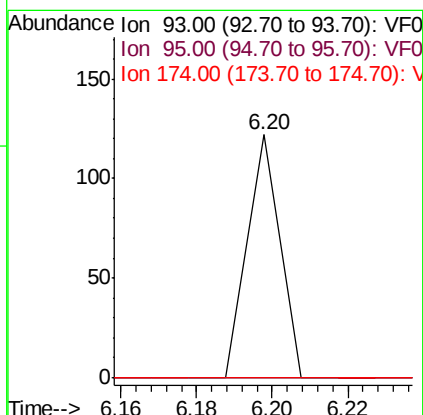
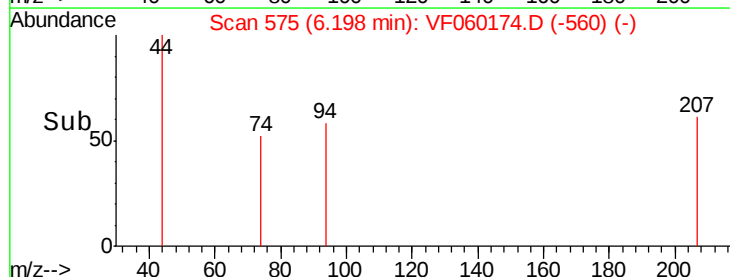
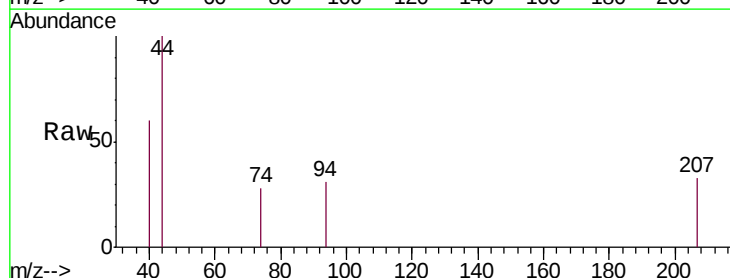
Instrument :
MSVOA_F
ClientSampled :
BFB

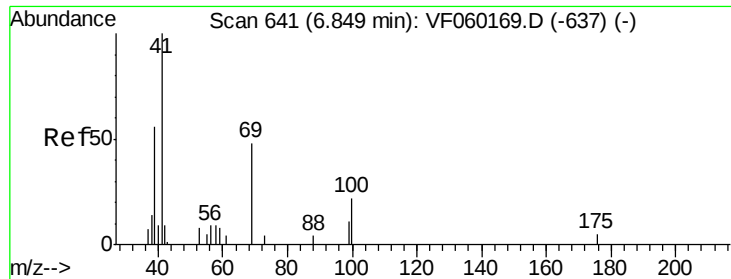
Tgt Ion:	41	Resp:	310
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.0	67.6#
67	0.0	39.5	59.3#
52	0.0	28.5	42.7#



#46
Dibromomethane
Concen: 2.357 ug/l
RT: 6.20 min Scan# 575
Delta R.T. -0.05 min
Lab File: VF060174.D
Acq: 29 Aug 2018 4:38

Tgt Ion:	93	Resp:	72
Ion	Ratio	Lower	Upper
93	100		
95	0.0	60.8	91.2#
174	0.0	76.8	115.2#

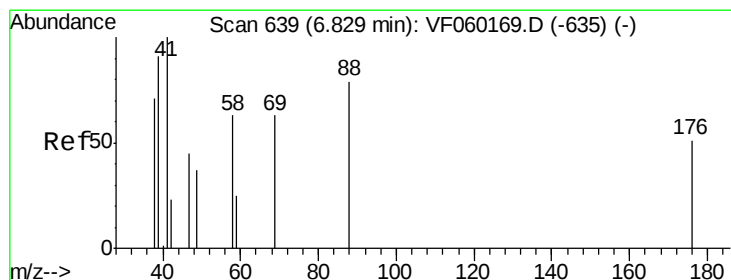
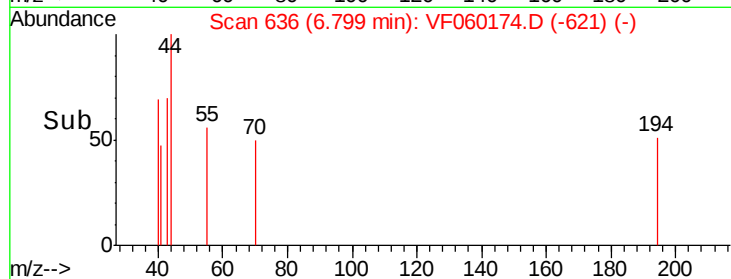
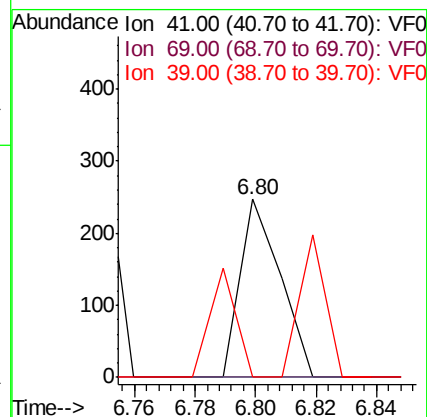
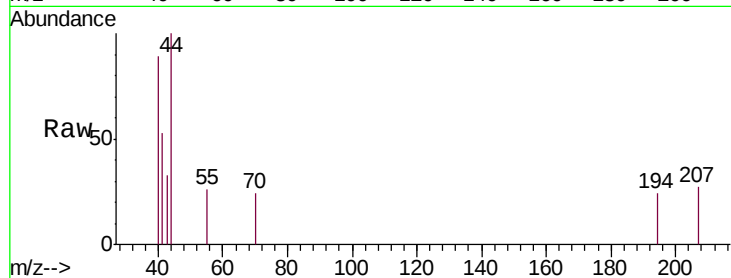




#48
Methyl methacrylate
Concen: 1.035 ug/l
RT: 6.80 min Scan# 636
Delta R.T. -0.05 min
Lab File: VF060174.D
Acq: 29 Aug 2018 4:38

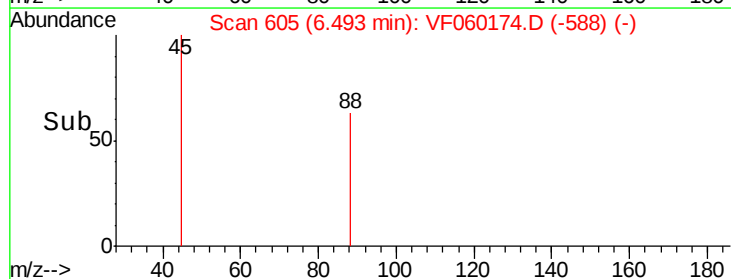
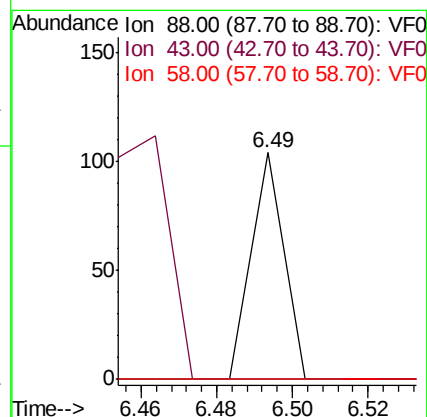
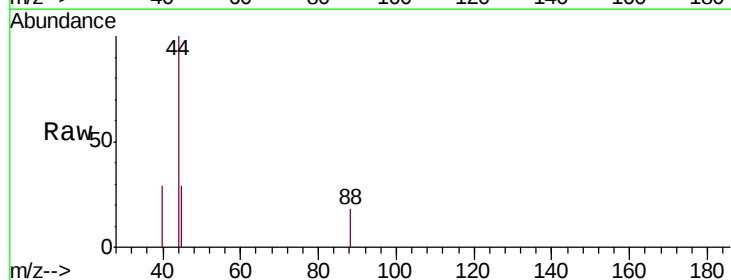
Instrument :
MSVOA_F
ClientSampled :
BFB

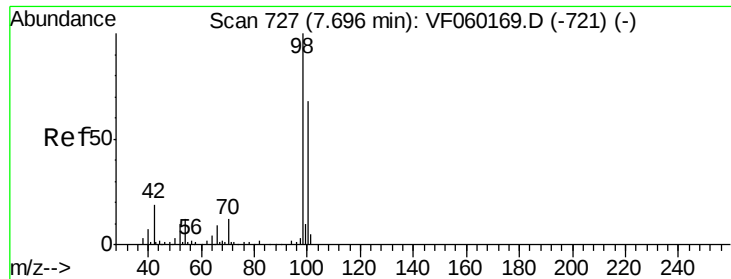
Tgt Ion: 41 Resp: 228
Ion Ratio Lower Upper
41 100
69 0.0 38.2 57.2#
39 0.0 56.2 84.2#



#49
1,4-Dioxane
Concen: 146.787 ug/l
RT: 6.49 min Scan# 605
Delta R.T. -0.33 min
Lab File: VF060174.D
Acq: 29 Aug 2018 4:38

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 24.5 36.7#
58 0.0 63.8 95.8#

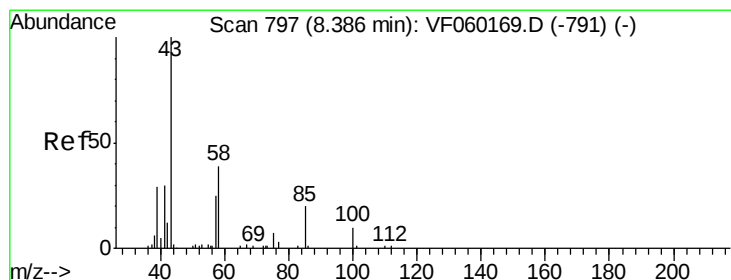
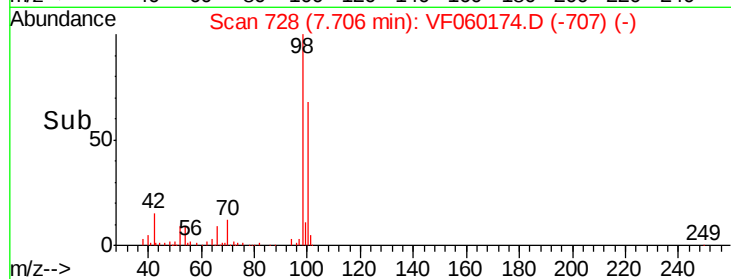
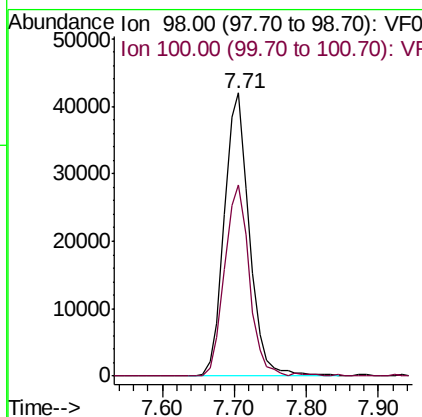
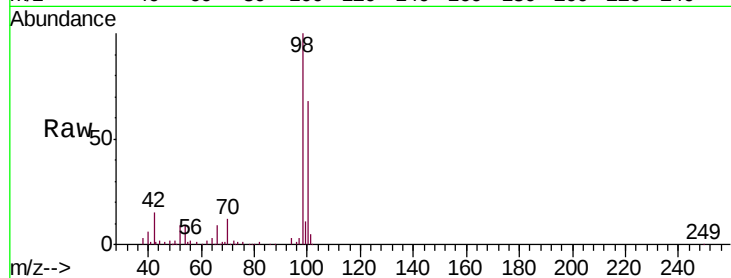




#50
Toluene-d8
Concen: 52.012 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF060174.D
Acq: 29 Aug 2018 4:38

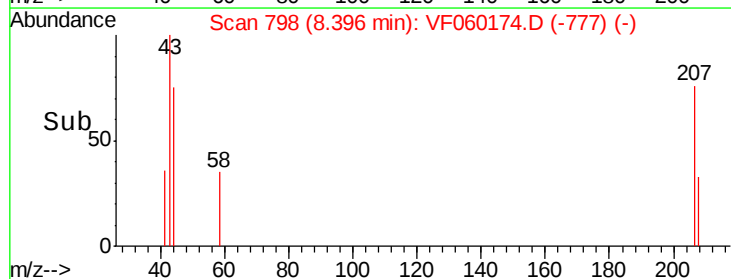
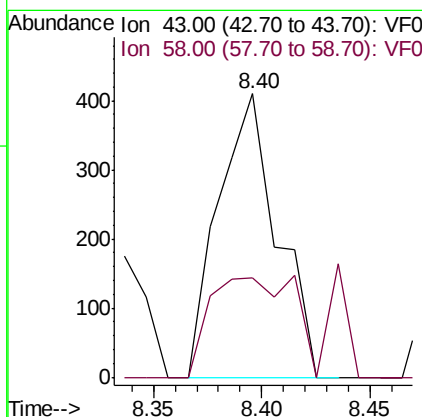
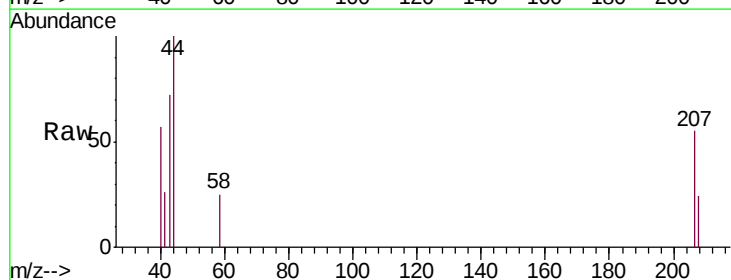
Instrument :
MSVOA_F
ClientSampleId :
BFB

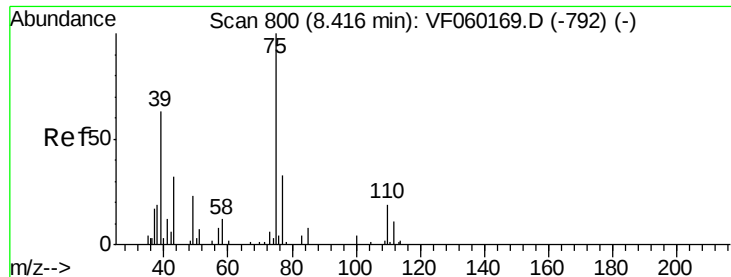
Tgt Ion: 98 Resp: 101141
Ion Ratio Lower Upper
98 100
100 67.6 54.5 81.7



#51
4-Methyl-2-Pentanone
Concen: 4.713 ug/l
RT: 8.40 min Scan# 798
Delta R.T. 0.01 min
Lab File: VF060174.D
Acq: 29 Aug 2018 4:38

Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 34.9 31.0 46.6





#53

t-1,3-Dichloropropene

Concen: 3.745 ug/l

RT: 8.42 min Scan# 800

Delta R.T. 0.00 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

Instrument :

MSVOA_F

ClientSampled :

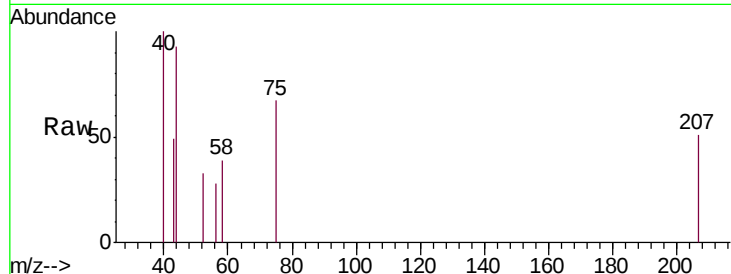
BFB

Tgt Ion: 75 Resp: 149

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

8.42

250

200

150

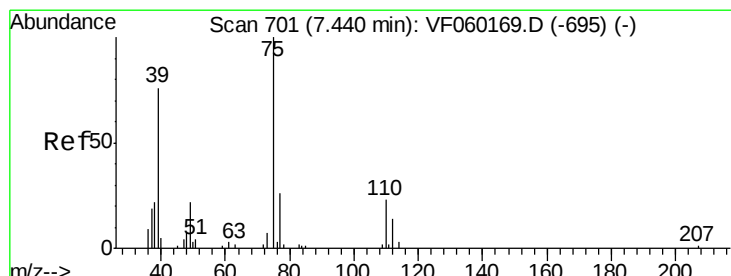
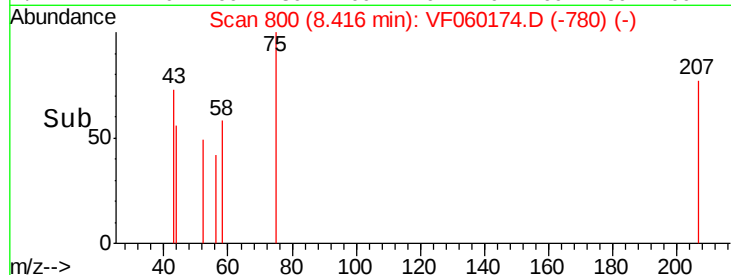
100

50

0

8.38 8.40 8.42 8.44

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.549 ug/l

RT: 7.46 min Scan# 703

Delta R.T. 0.02 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

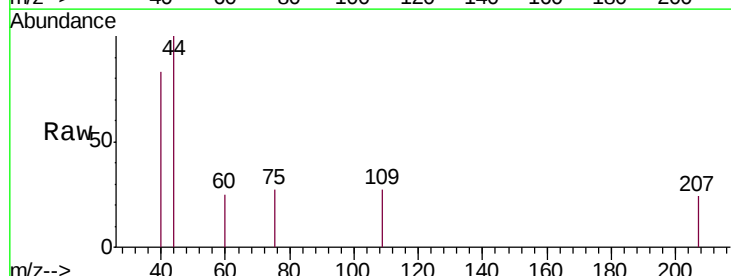
Tgt Ion: 75 Resp: 130

Ion Ratio Lower Upper

75 100

77 0.0 20.7 31.1#

39 0.0 60.9 91.3#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

150

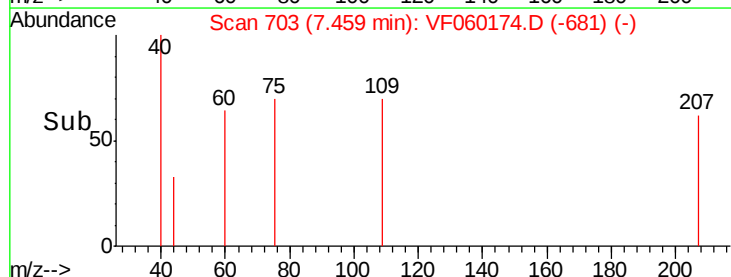
100

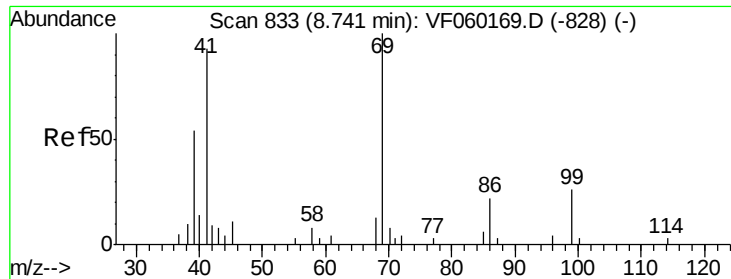
50

0

7.42 7.44 7.46 7.48

Time-->





#56

Ethyl methacrylate

Concen: 4.850 ug/l

RT: 8.74 min Scan# 833

Delta R.T. -0.00 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

Instrument :

MSVOA_F

ClientSampleId :

BFB

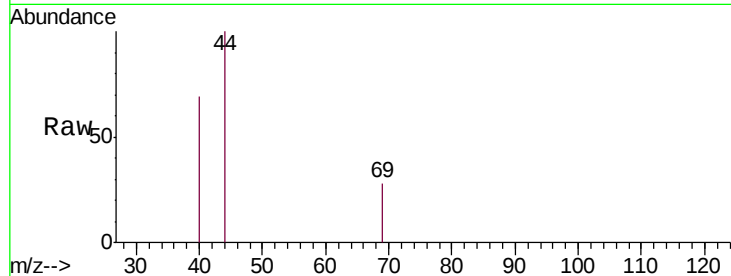
Tgt Ion: 69 Resp: 88

Ion Ratio Lower Upper

69 100

41 0.0 74.6 111.8#

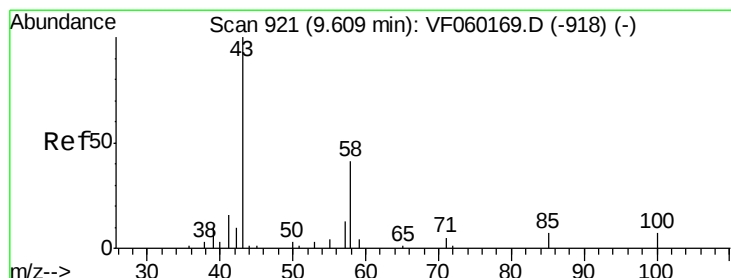
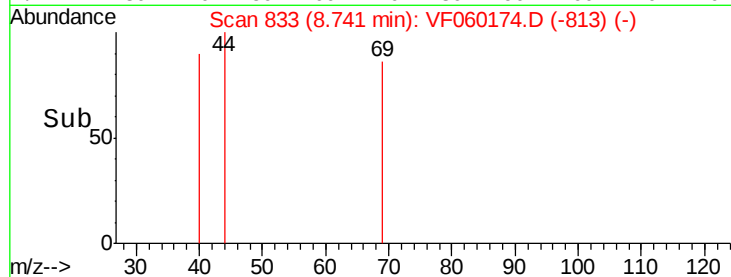
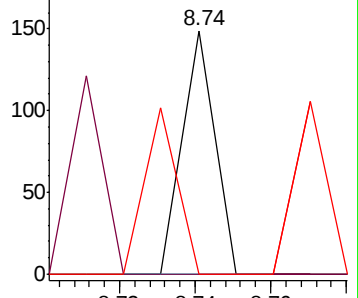
39 0.0 46.2 69.4#



Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#59

2-Hexanone

Concen: 9.487 ug/l

RT: 9.62 min Scan# 922

Delta R.T. 0.01 min

Lab File: VF060174.D

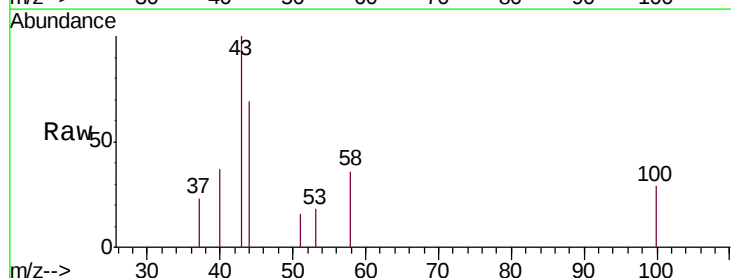
Acq: 29 Aug 2018 4:38

Tgt Ion: 43 Resp: 1102

Ion Ratio Lower Upper

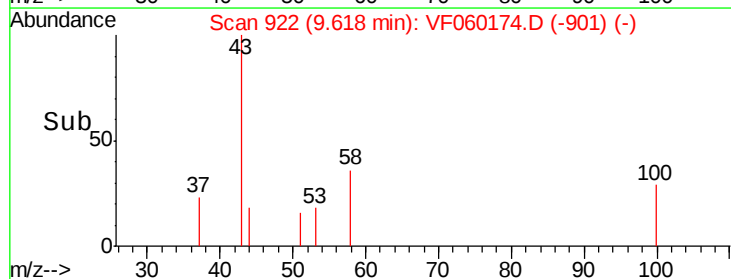
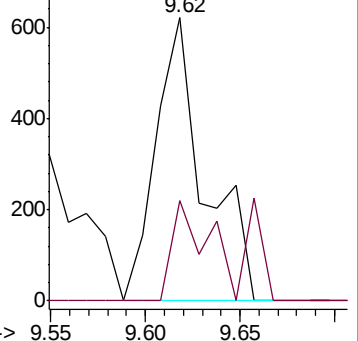
43 100

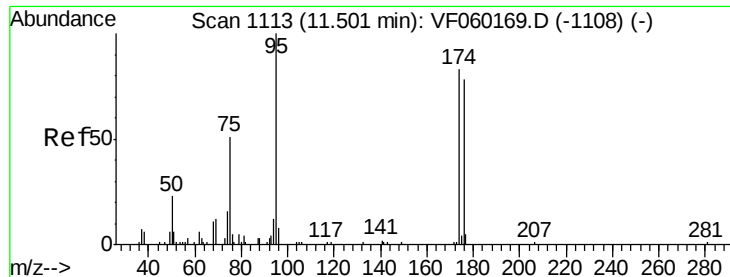
58 35.6 19.4 58.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#62

4-Bromofluorobenzene

Concen: 45.640 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

Instrument :

MSVOA_F

ClientSampleId :

BFB

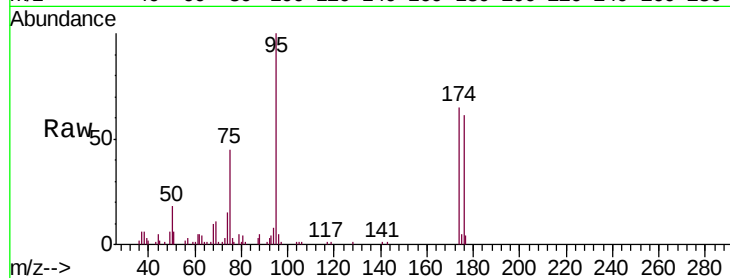
Tgt Ion: 95 Resp: 32728

Ion Ratio Lower Upper

95 100

174 64.8 0.0 165.2

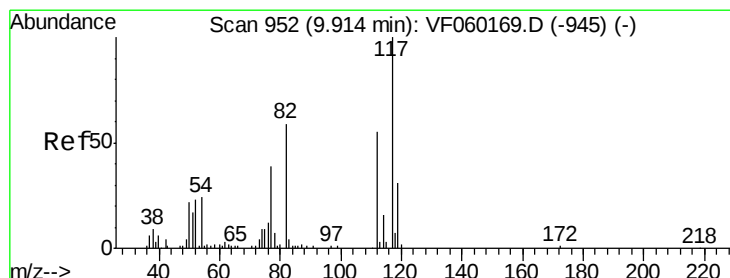
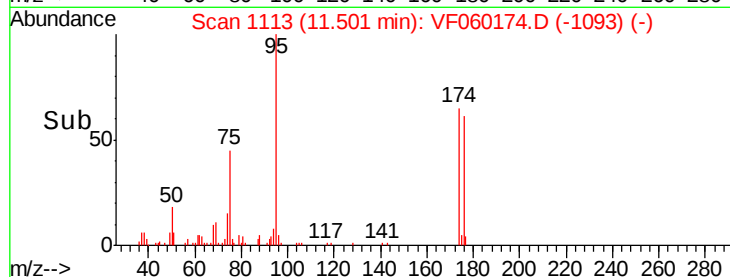
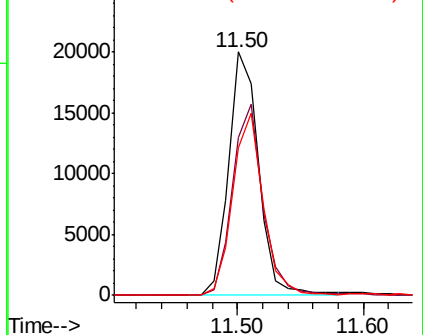
176 60.7 0.0 156.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 951

Delta R.T. -0.01 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

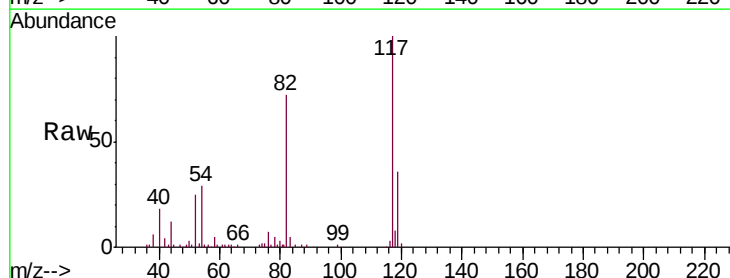
Tgt Ion: 117 Resp: 74495

Ion Ratio Lower Upper

117 100

82 71.8 47.2 70.8#

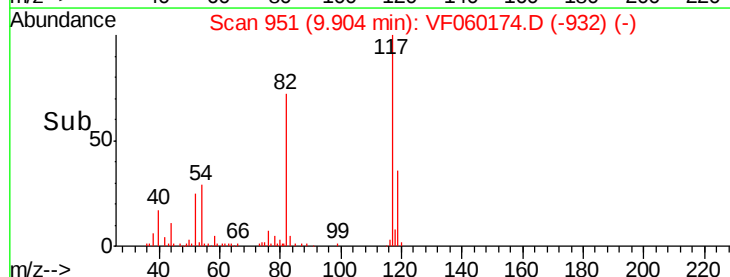
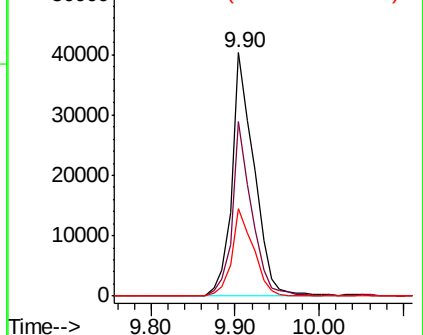
119 35.7 25.0 37.4

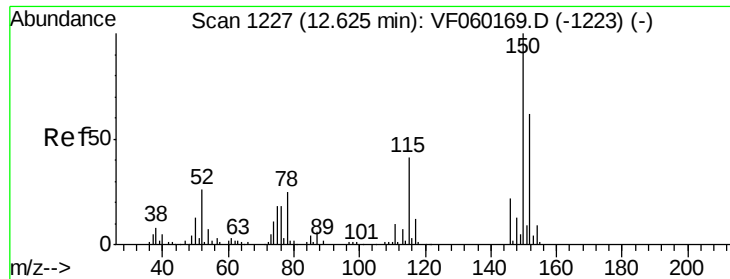


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

Instrument :

MSVOA_F

ClientSampleId :

BFB

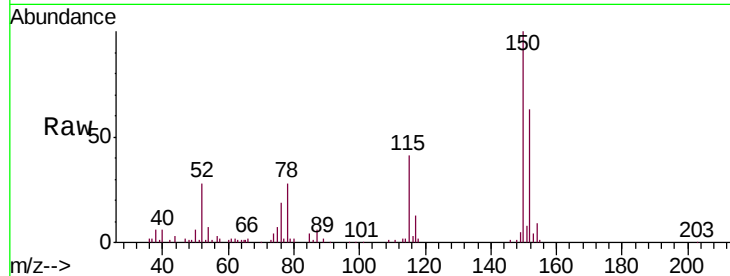
Tgt Ion:152 Resp: 31435

Ion Ratio Lower Upper

152 100

115 64.4 33.2 99.6

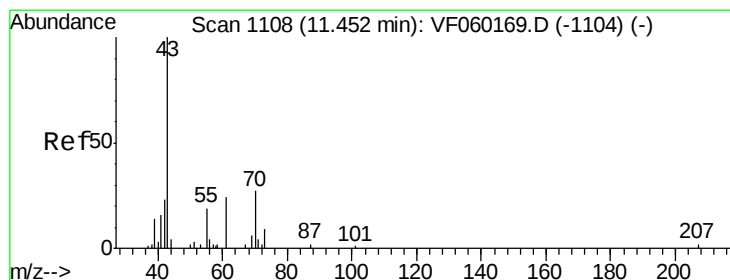
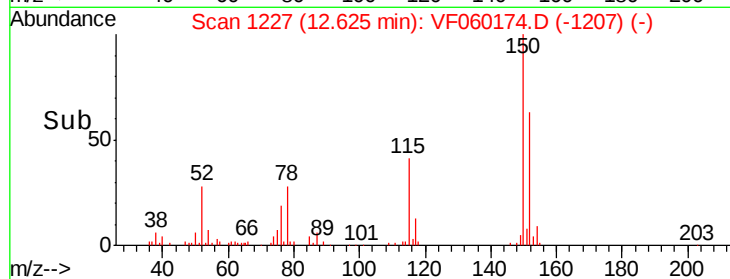
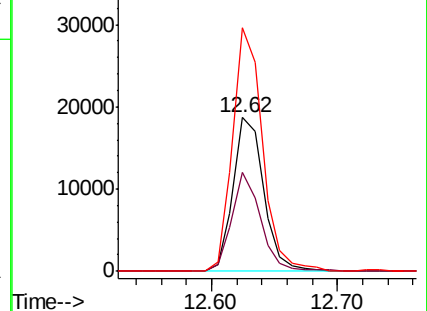
150 158.3 0.0 325.6



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#74

N-ethyl acetate

Concen: 1.831 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

Tgt Ion: 43 Resp: 472

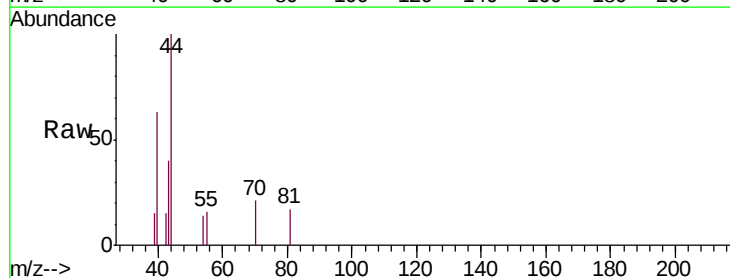
Ion Ratio Lower Upper

43 100

70 52.8 22.0 33.0#

55 39.9 15.2 22.8#

61 0.0 19.2 28.8#

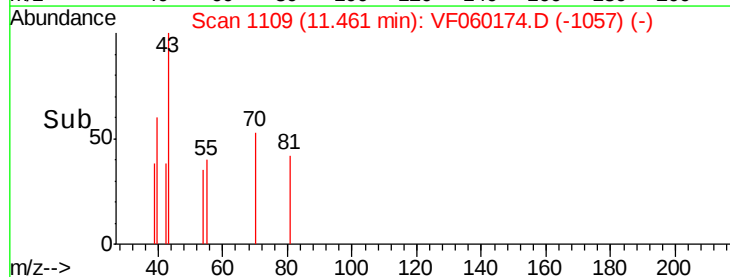
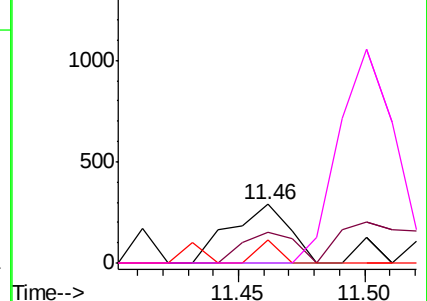


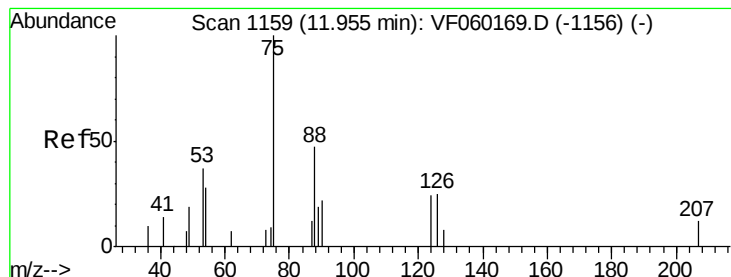
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#81

trans-1,4-Dichloro-2-butene

Concen: 6.494 ug/l

RT: 11.92 min Scan# 1156

Delta R.T. -0.03 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

Instrument :

MSVOA_F

ClientSampleId :

BFB

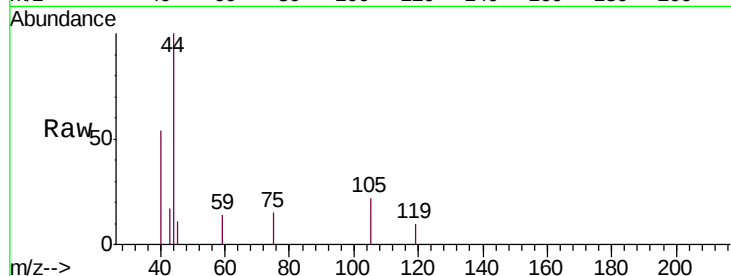
Tgt Ion: 75 Resp: 156

Ion Ratio Lower Upper

75 100

53 0.0 53.4 80.0#

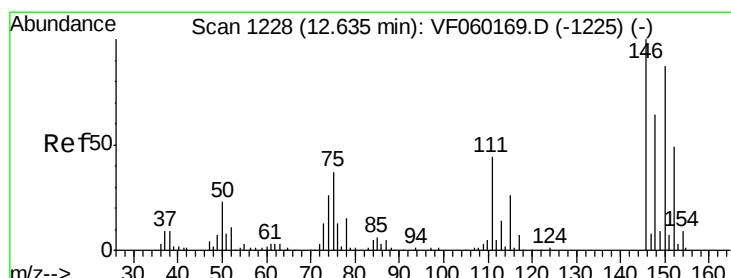
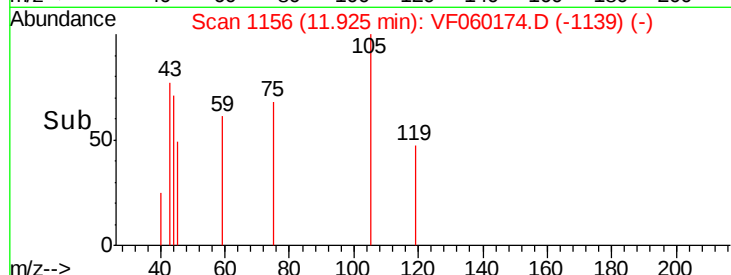
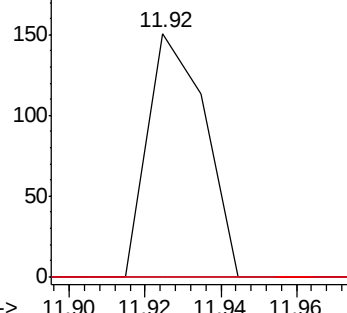
89 0.0 28.9 43.3#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#88

1,4-Dichlorobenzene

Concen: 1.426 ug/l

RT: 12.64 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

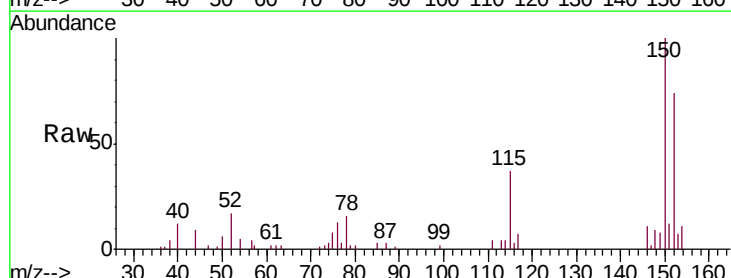
Tgt Ion: 146 Resp: 1378

Ion Ratio Lower Upper

146 100

111 32.7 22.1 66.3

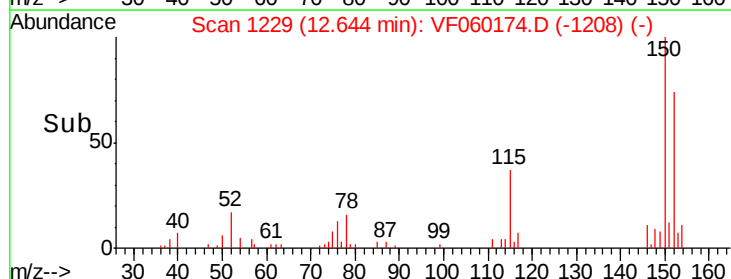
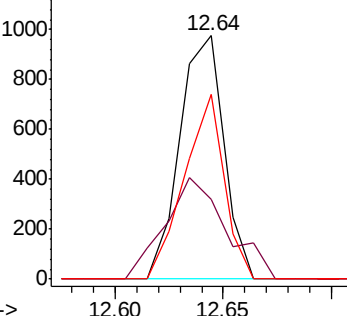
148 76.0 32.0 96.2

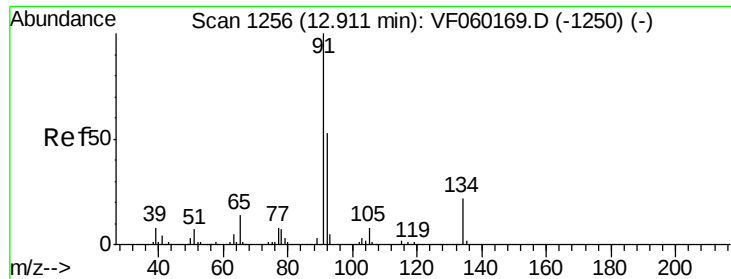


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#89

n-Butylbenzene

Concen: 4.187 ug/l

RT: 12.92 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

Instrument :

MSVOA_F

ClientSampled :

BFB

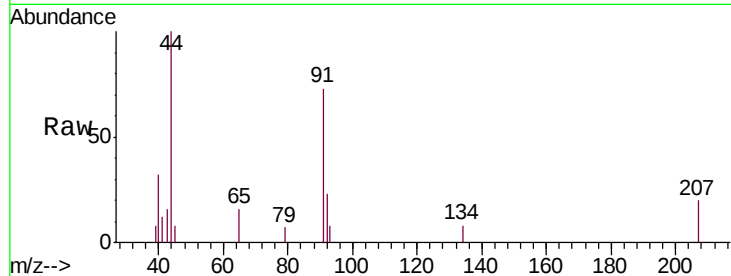
Tgt Ion: 91 Resp: 1752

Ion Ratio Lower Upper

91 100

92 31.7 26.7 80.0

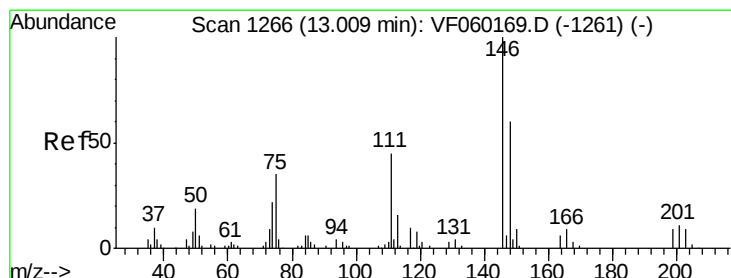
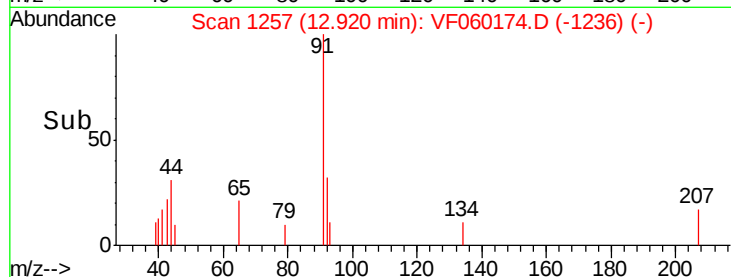
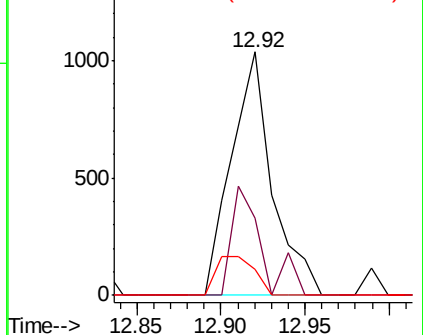
134 10.7 11.0 33.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 1.147 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VF060174.D

Acq: 29 Aug 2018 4:38

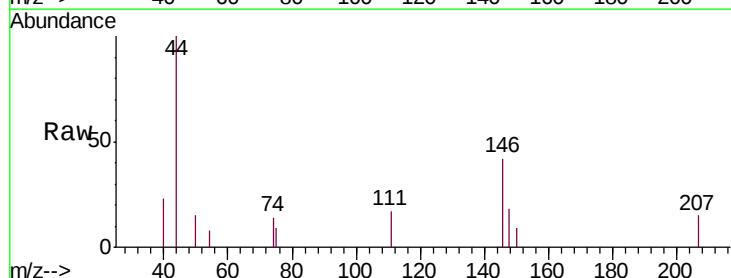
Tgt Ion: 146 Resp: 950

Ion Ratio Lower Upper

146 100

111 41.4 22.7 68.1

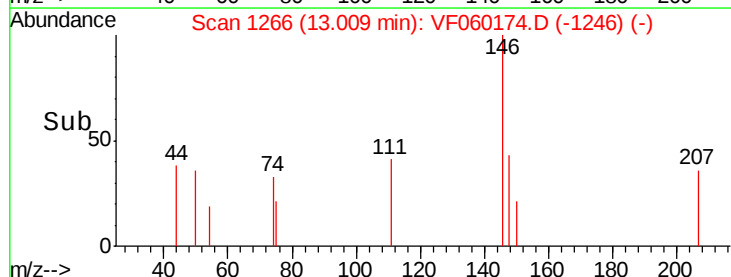
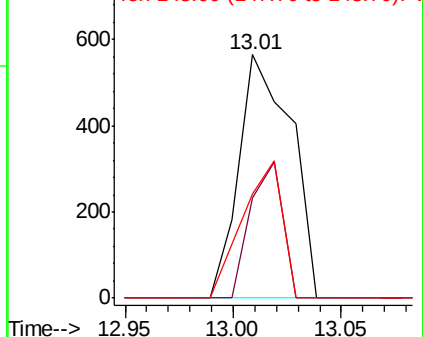
148 42.7 30.0 90.1

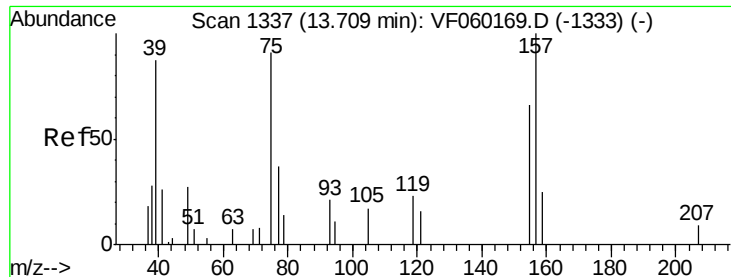


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

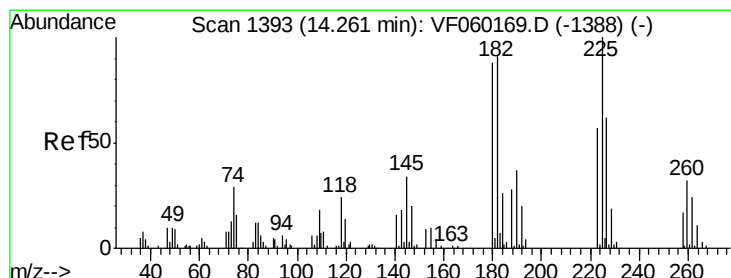
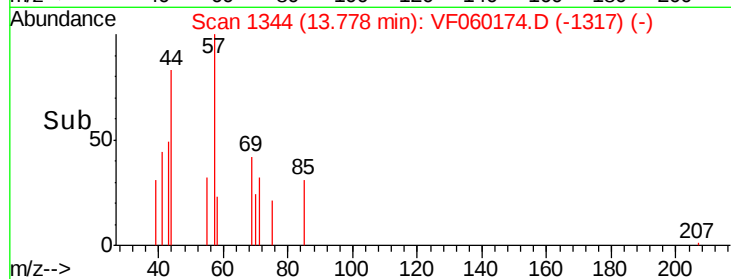
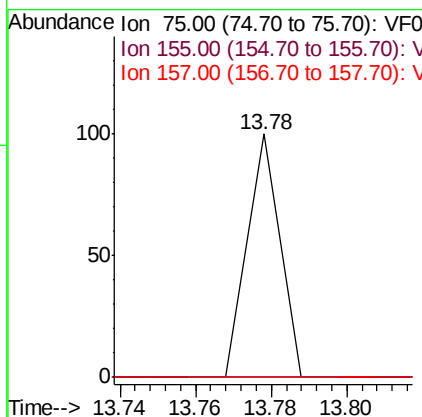
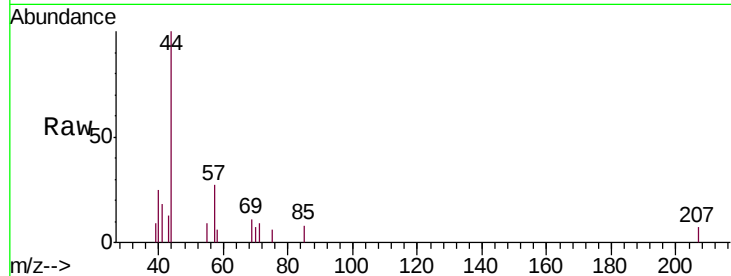




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.492 ug/l
 RT: 13.78 min Scan# 1344
 Delta R.T. 0.07 min
 Lab File: VF060174.D
 Acq: 29 Aug 2018 4:38

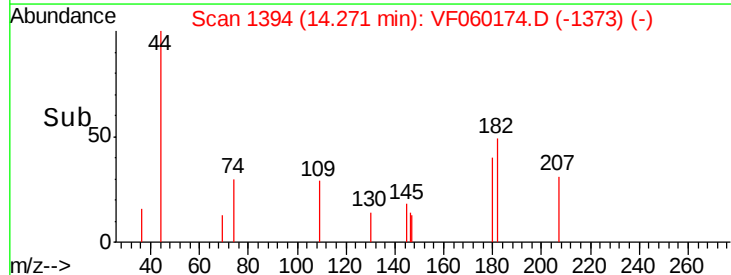
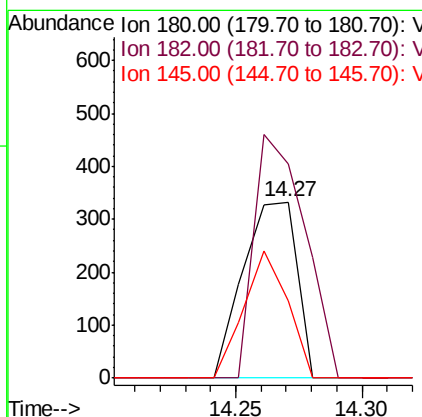
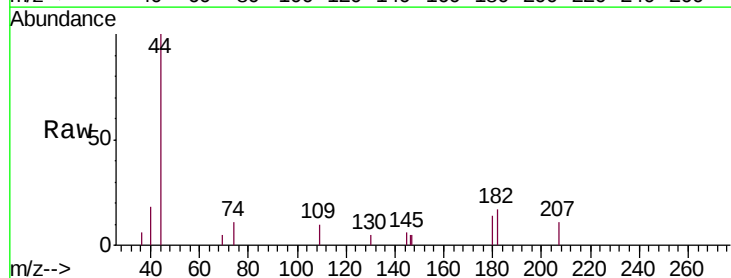
Instrument :
 MSVOA_F
 ClientSampled :
 BFB

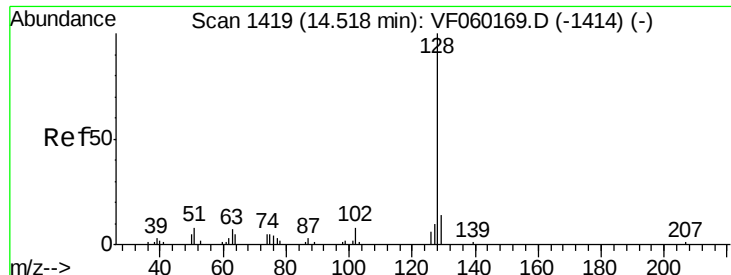
Tgt Ion: 75 Resp: 59
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.0 108.0#
 157 0.0 54.9 164.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.591 ug/l
 RT: 14.27 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: VF060174.D
 Acq: 29 Aug 2018 4:38

Tgt Ion: 180 Resp: 494
 Ion Ratio Lower Upper
 180 100
 182 122.0 51.8 155.5
 145 43.7 19.3 57.9

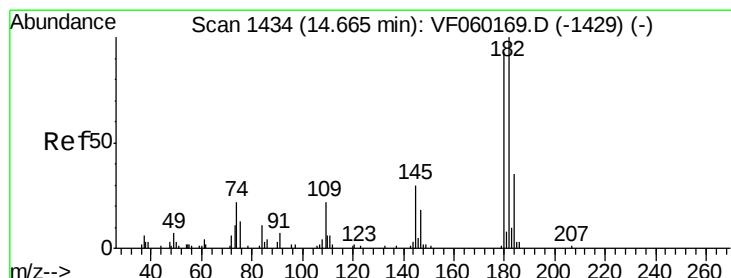
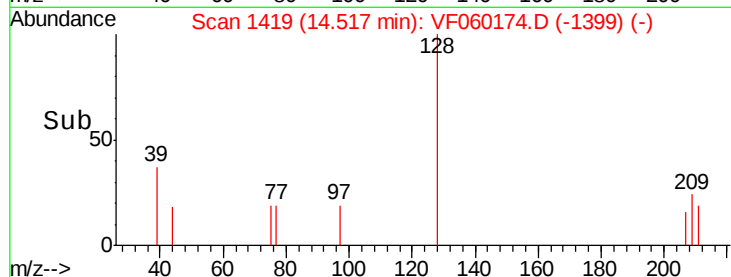
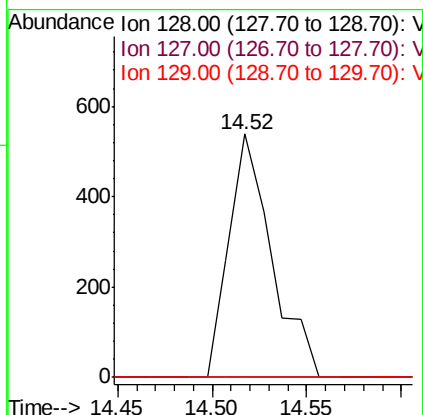
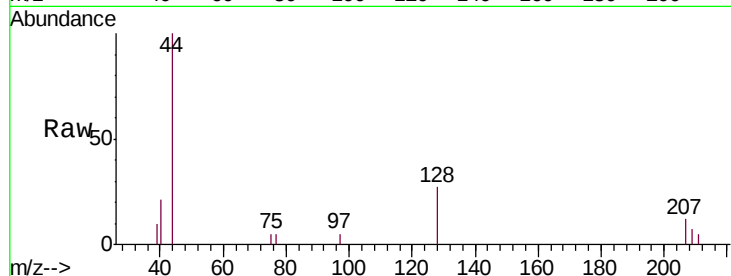




#95
Naphthalene
Concen: 9.844 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.00 min
Lab File: VF060174.D
Acq: 29 Aug 2018 4:38

Instrument :
MSVOA_F
ClientSampleId :
BFB

Tgt Ion:128 Resp: 843
Ion Ratio Lower Upper
128 100
127 0.0 8.3 12.5#
129 0.0 11.5 17.3#



#96
1,2,3-Trichlorobenzene
Concen: 6.430 ug/l
RT: 14.67 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VF060174.D
Acq: 29 Aug 2018 4:38

Tgt Ion:180 Resp: 409
Ion Ratio Lower Upper
180 100
182 35.4 53.6 160.8#
145 0.0 16.2 48.6#

