

Data File : VF060178.D
Acq On : 29 Aug 2018 6:27
Operator : VA/AP
Sample : J4648-08
Misc : 8.47g/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-4-@-8-FT

Quant Time: Aug 29 07:26:53 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	5.04	168	50827	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	50296	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	31088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	10971	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	10335	32.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.12%	
35) Dibromofluoromethane	4.27	113	14190	43.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.72%	
50) Toluene-d8	7.70	98	48046	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
62) 4-Bromofluorobenzene	11.51	95	12689	31.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.18%	

Target Compounds						Qvalue
3) Chloromethane	1.09	50	727	1.865	ug/l #	1
5) Bromomethane	1.32	94	216	1.106	ug/l	98
11) Tert butyl alcohol	2.61	59	75	45.790	ug/l #	64
13) Acrolein	2.09	56	173	25.778	ug/l #	1
14) Allyl chloride	2.09	41	4824	11.844	ug/l #	60
16) Acetone	2.31	43	3473	77.334	ug/l	94
17) Carbon Disulfide	1.85	76	1712	1.188	ug/l #	72
18) Methyl Acetate	2.43	43	253	Below Cal	#	1
20) Methylene Chloride	2.28	84	1841	3.885	ug/l	83
25) 2-Butanone	4.48	43	716	19.147	ug/l #	44
29) Tetrahydrofuran	4.10	42	98	18.135	ug/l #	42
37) Ethyl Acetate	4.28	43	76	4.747	ug/l #	1
39) Methylcyclohexane	5.76	83	746	1.110	ug/l #	35
41) Methacrylonitrile	4.86	41	354	7.296	ug/l #	29
48) Methyl methacrylate	6.86	41	167	1.492	ug/l #	20
49) 1,4-Dioxane	6.98	88	61	188.709	ug/l #	68
51) 4-Methyl-2-Pentanone	8.40	43	699	7.421	ug/l #	36
52) Toluene	7.78	92	1335	1.829	ug/l #	55
53) t-1,3-Dichloropropene	8.33	75	125	3.892	ug/l #	42
56) Ethyl methacrylate	8.75	69	65	4.962	ug/l #	10
58) 2-Chloroethyl Vinyl ether	7.77	63	95	3.151	ug/l	100
59) 2-Hexanone	9.62	43	538	8.137	ug/l	75
74) N-amyl acetate	11.46	43	267	2.968	ug/l #	52
77) Bromobenzene	11.60	156	216	1.235	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	63	6.910	ug/l #	24
82) 4-Chlorotoluene	11.99	91	775	1.175	ug/l #	43
87) 1,3-Dichlorobenzene	12.64	146	777	2.077	ug/l	83
88) 1,4-Dichlorobenzene	12.64	146	777	2.303	ug/l	79
89) n-Butylbenzene	12.92	91	787	4.345	ug/l #	76
91) 1,2-Dichlorobenzene	13.02	146	364	1.259	ug/l #	65
93) 1,2,4-Trichlorobenzene	14.27	180	327	6.541	ug/l #	41
95) Naphthalene	14.51	128	429	10.781	ug/l #	68
96) 1,2,3-Trichlorobenzene	14.67	180	146	6.454	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082918\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VF060178.D

Acq On : 29 Aug 2018 6:27

Operator : VA/AP

Sample : J4648-08

Misc : 8.47g/5mL/MSV0A_F/SOIL

```
ALS Vial      : 41      Sample Multiplier: 1
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Instrument :
MSVOA_F
ClientSampleId :
SB-4-@-8-FT

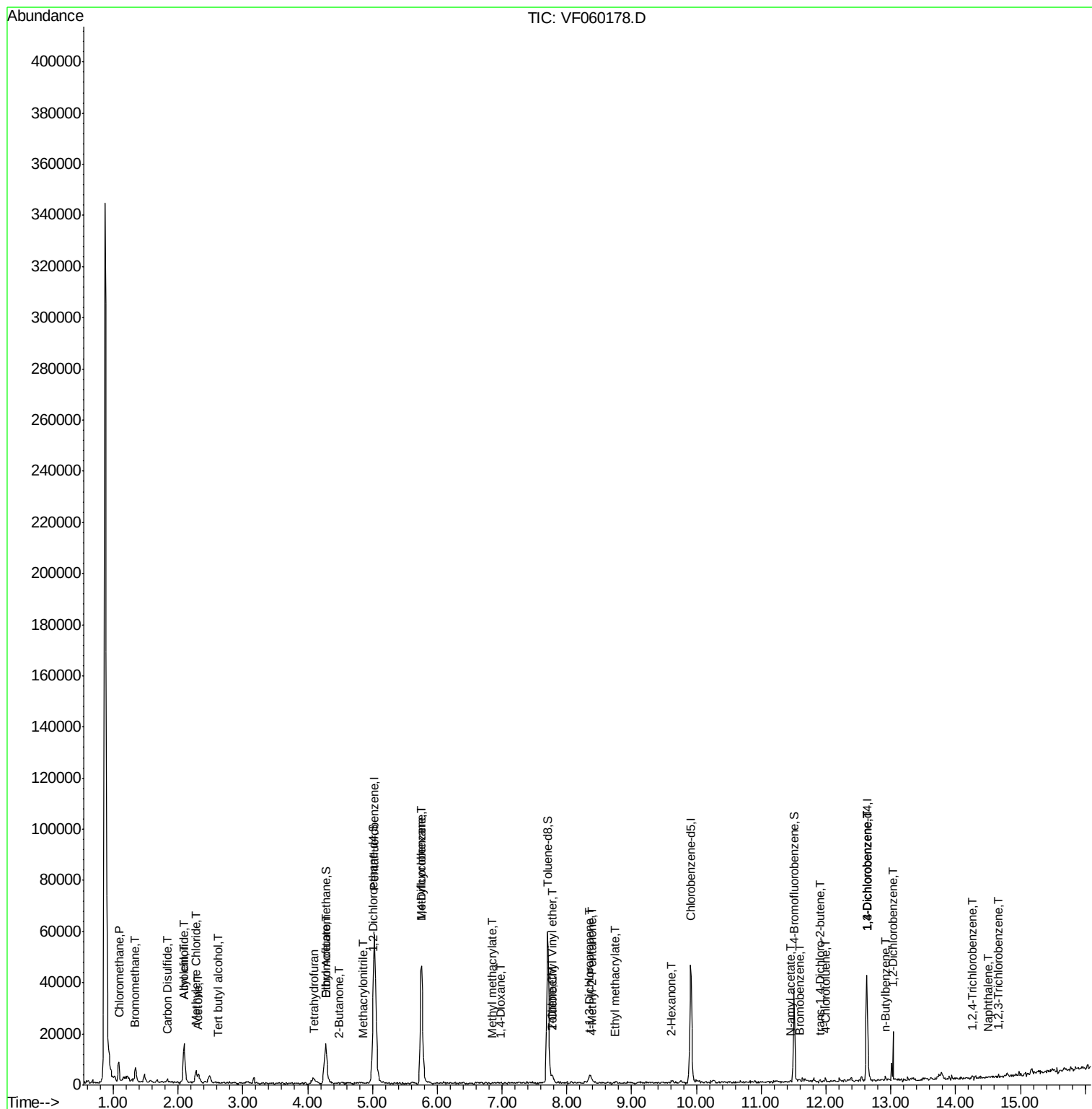
Quant Time: Aug 29 07:26:53 2018

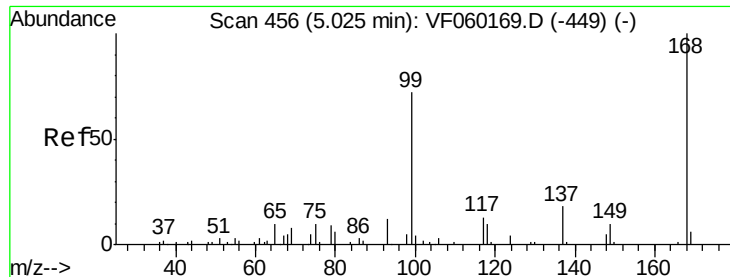
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Quant Title : SW846 8260

QLast Update : Wed Aug 29 03:22:03 2018

Response via : Initial Calibration

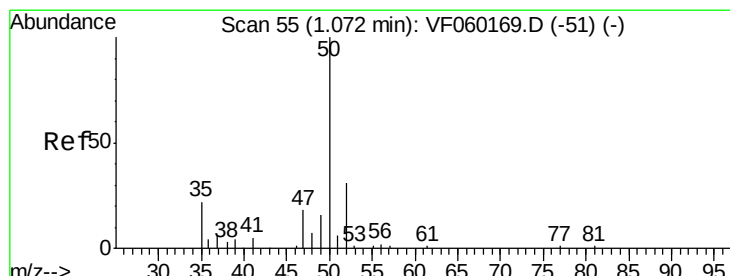
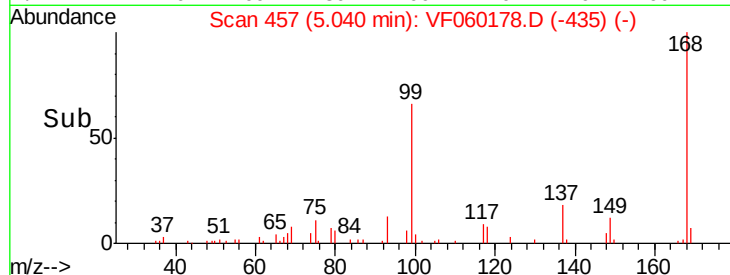
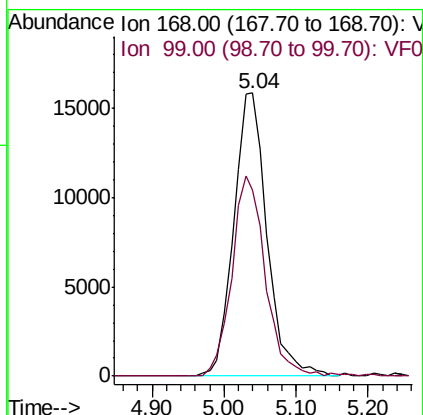
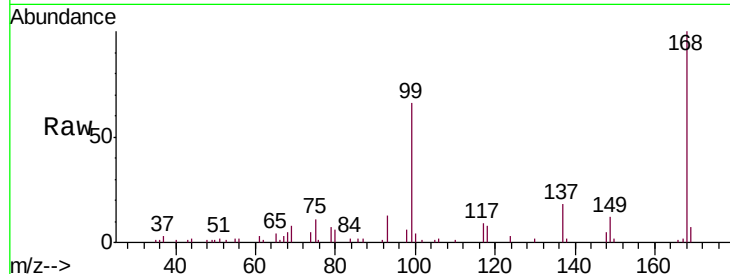




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

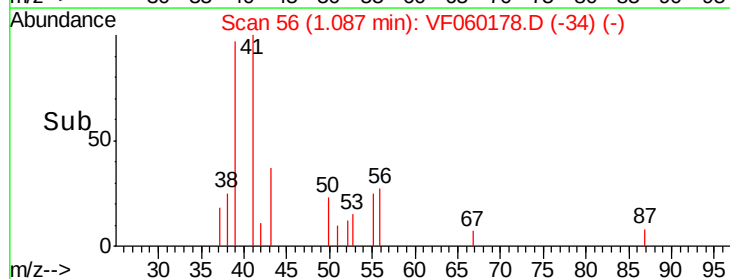
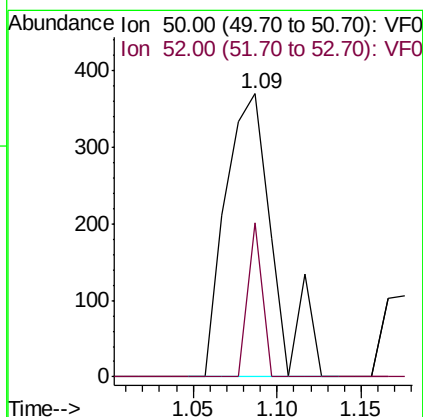
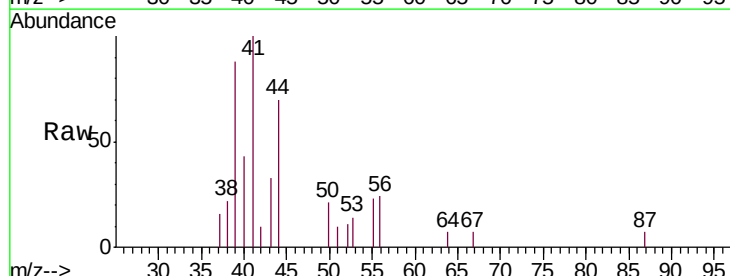
Instrument :
MSVOA_F
ClientSampleId :
SB-4-@-8-FT

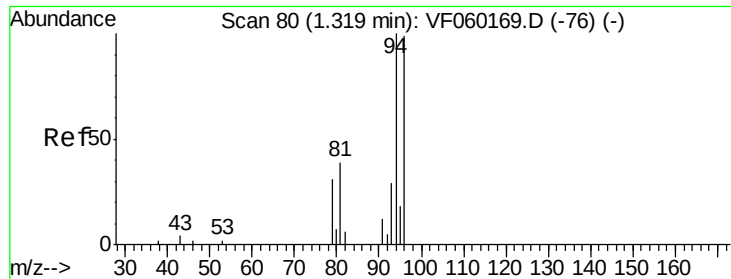
Tgt Ion: 168 Resp: 50827
Ion Ratio Lower Upper
168 100
99 65.9 57.9 86.9



#3
Chloromethane
Concen: 1.865 ug/l
RT: 1.09 min Scan# 56
Delta R.T. 0.01 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

Tgt Ion: 50 Resp: 727
Ion Ratio Lower Upper
50 100
52 122.2 24.4 36.6#





#5

Bromomethane

Concen: 1.106 ug/l

RT: 1.32 min Scan# 80

Delta R.T. 0.00 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Instrument :

MSVOA_F

ClientSampleId :

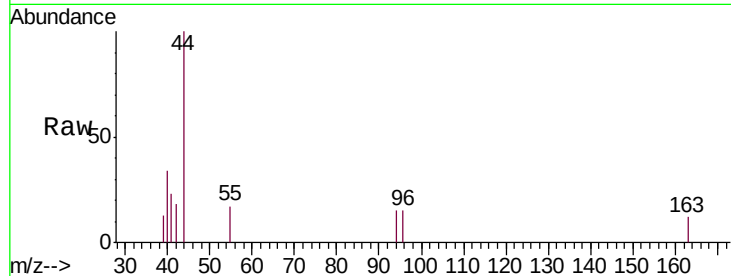
SB-4-@-8-FT

Tgt Ion: 94 Resp: 216

Ion Ratio Lower Upper

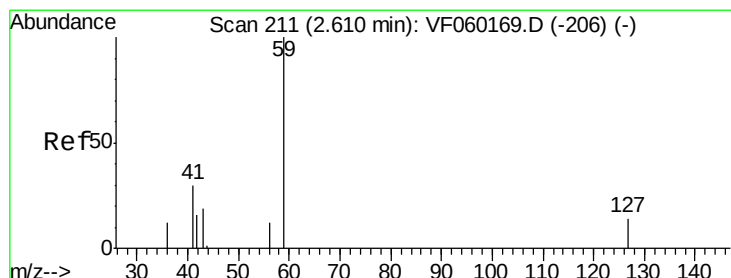
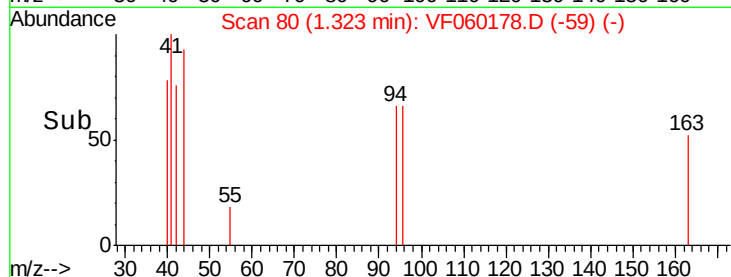
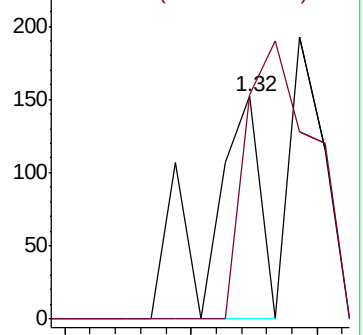
94 100

96 100.7 79.0 118.4



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#11

Tert butyl alcohol

Concen: 45.790 ug/l

RT: 2.61 min Scan# 211

Delta R.T. 0.01 min

Lab File: VF060178.D

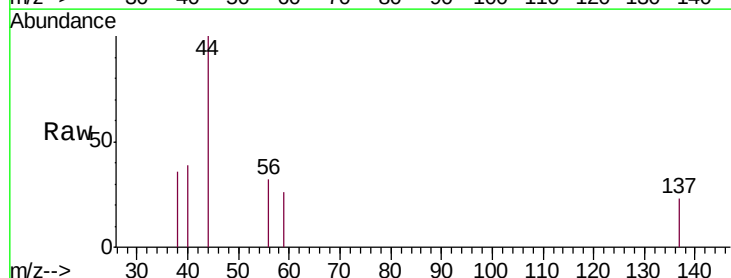
Acq: 29 Aug 2018 6:27

Tgt Ion: 59 Resp: 75

Ion Ratio Lower Upper

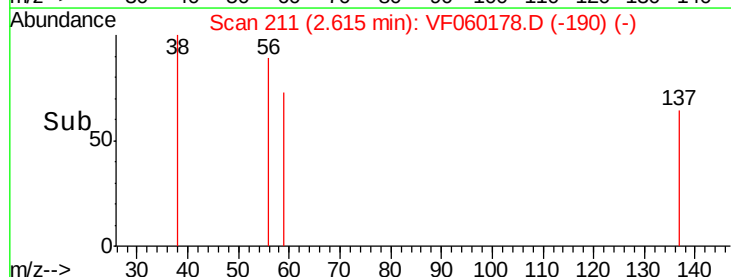
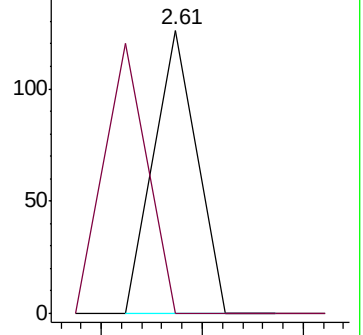
59 100

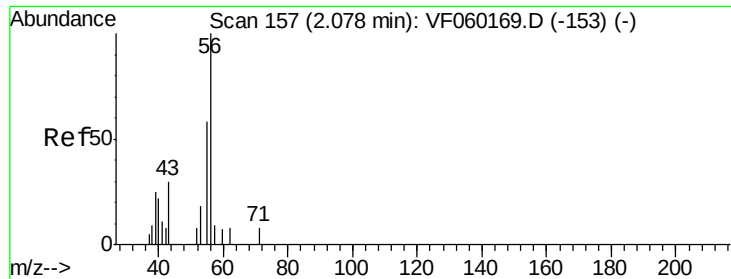
57 0.0 11.9 17.9#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#13

Acrolein

Concen: 25.778 ug/l

RT: 2.09 min Scan# 158

Delta R.T. 0.01 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Instrument :

MSVOA_F

ClientSampleId :

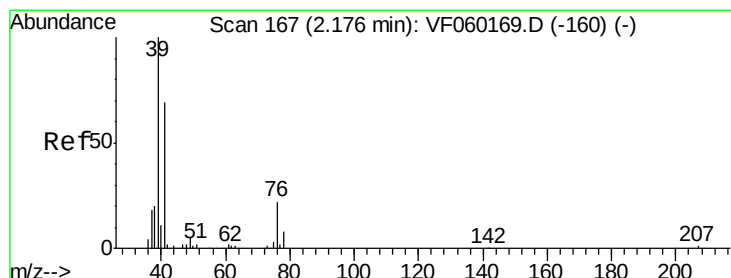
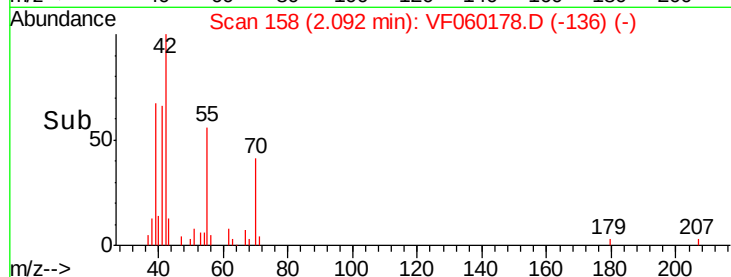
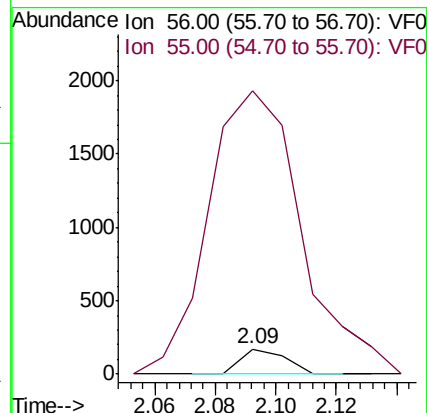
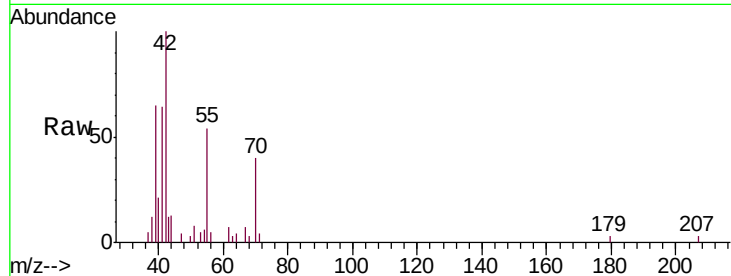
SB-4-@-8-FT

Tgt Ion: 56 Resp: 173

Ion Ratio Lower Upper

56 100

55 1134.7 46.4 69.6#



#14

Allyl chloride

Concen: 11.844 ug/l

RT: 2.09 min Scan# 158

Delta R.T. -0.08 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

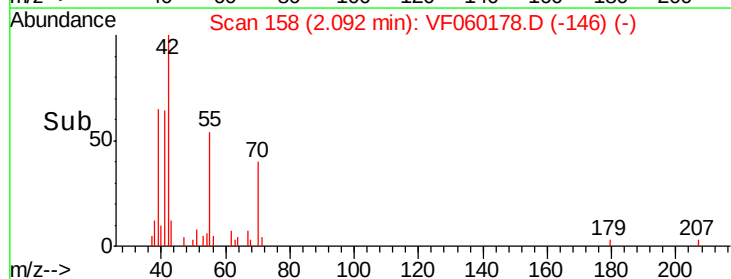
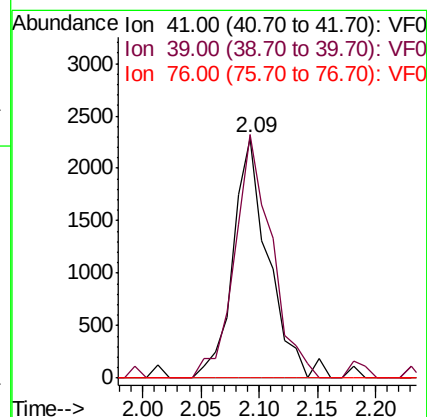
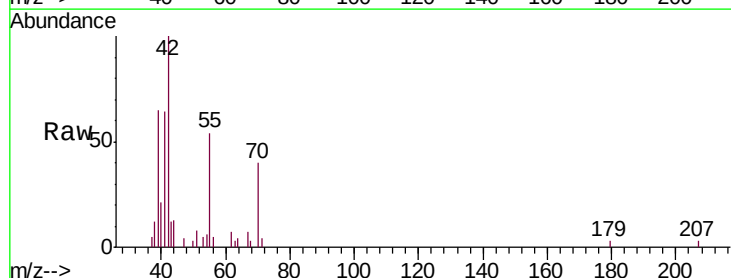
Tgt Ion: 41 Resp: 4824

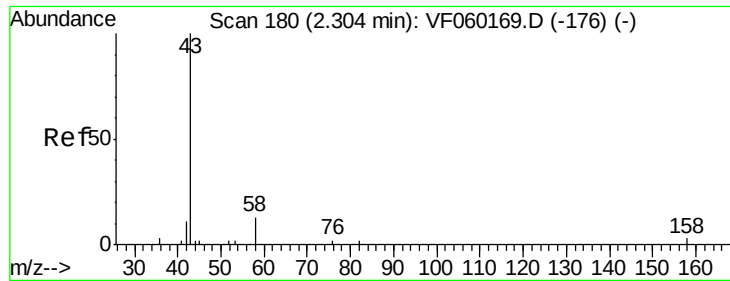
Ion Ratio Lower Upper

41 100

39 101.5 117.8 176.6#

76 0.0 25.9 38.9#





#16

Acetone

Concen: 77.334 ug/l

RT: 2.31 min Scan# 180

Delta R.T. 0.01 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Instrument :

MSVOA_F

ClientSampleId :

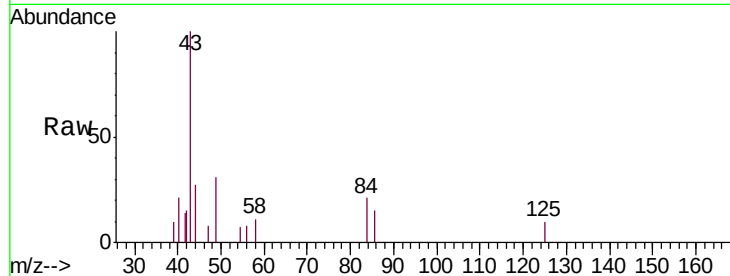
SB-4-@-8-FT

Tgt Ion: 43 Resp: 3473

Ion Ratio Lower Upper

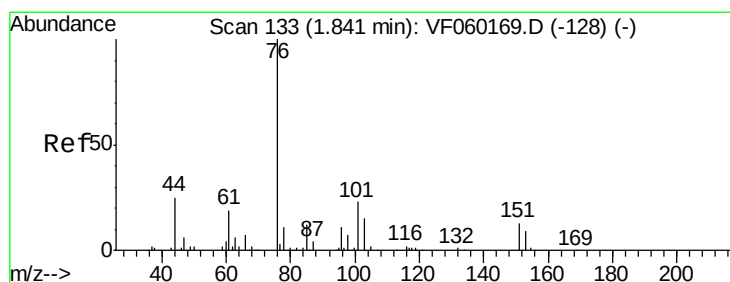
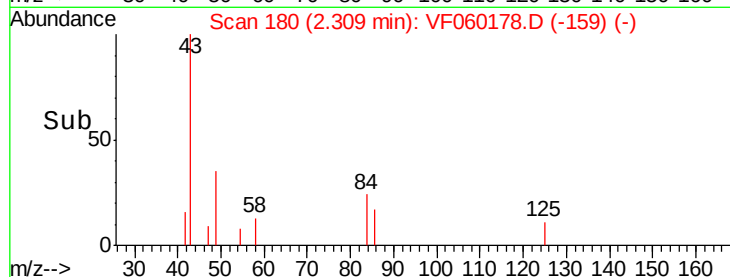
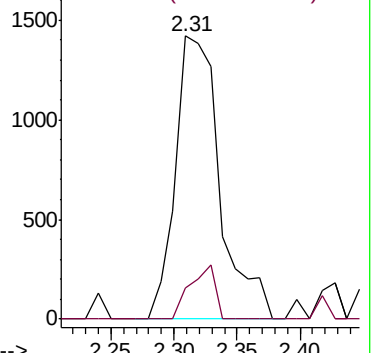
43 100

58 11.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#17

Carbon Disulfide

Concen: 1.188 ug/l

RT: 1.85 min Scan# 133

Delta R.T. 0.00 min

Lab File: VF060178.D

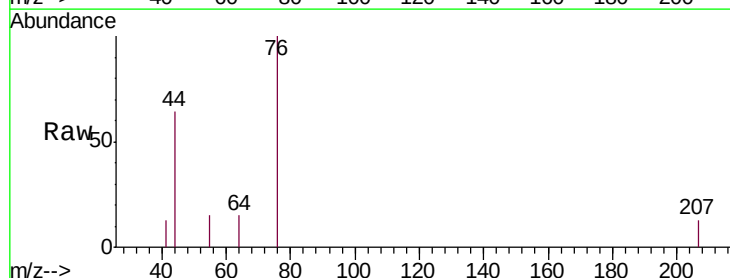
Acq: 29 Aug 2018 6:27

Tgt Ion: 76 Resp: 1712

Ion Ratio Lower Upper

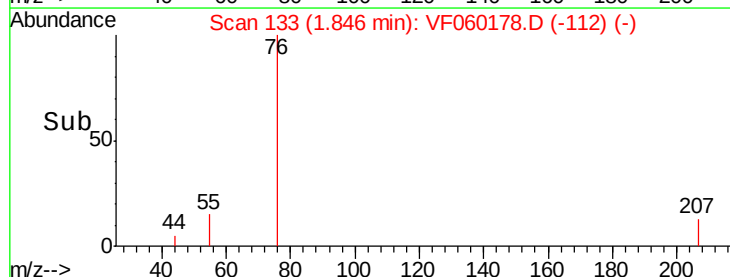
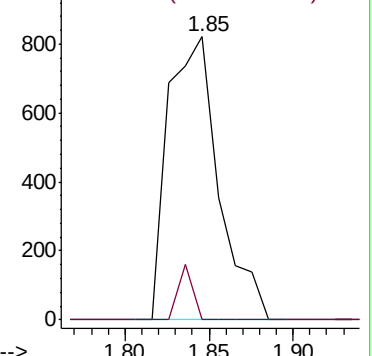
76 100

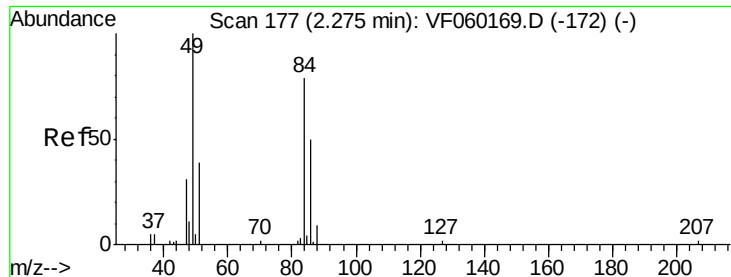
78 0.0 8.6 12.8#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

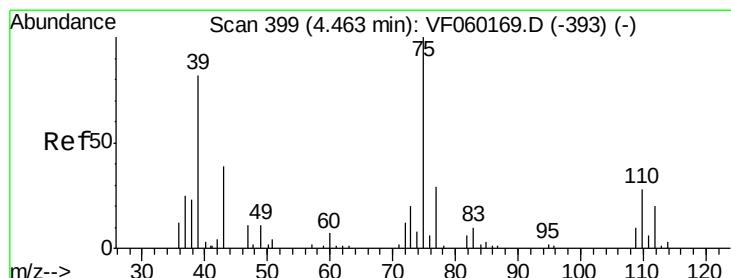
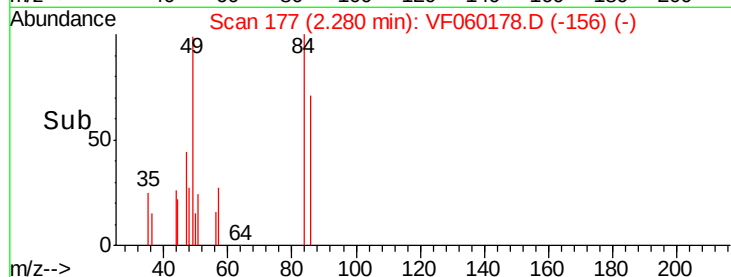
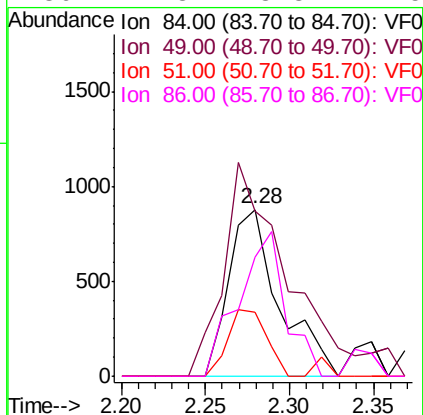
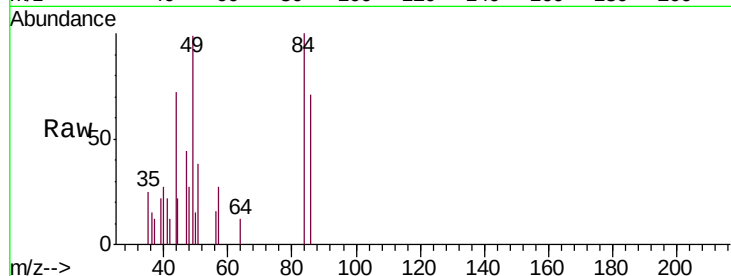




#20
Methylene Chloride
Concen: 3.885 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

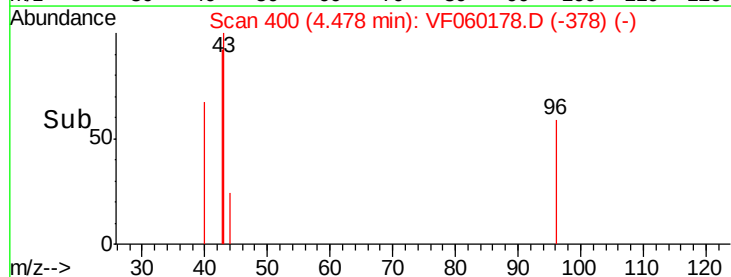
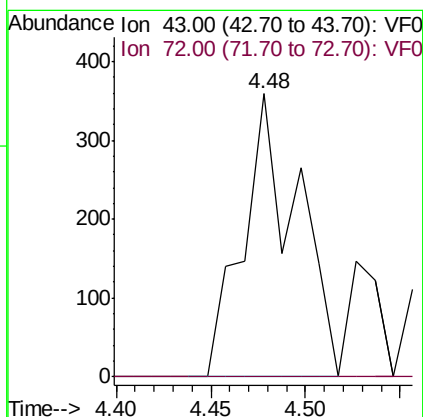
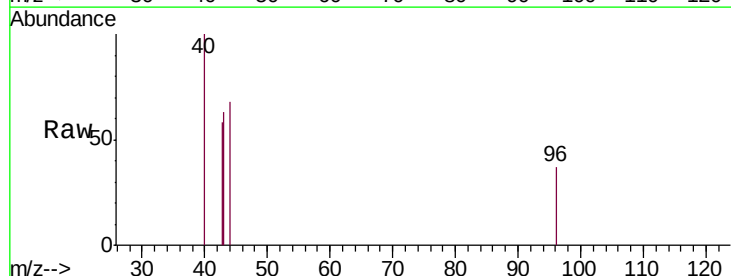
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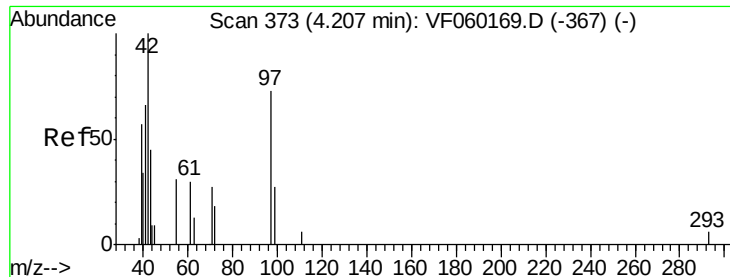
Tgt Ion:	84	Resp:	1841
Ion	Ratio	Lower	Upper
84	100		
49	99.3	97.0	145.4
51	38.4	38.2	57.2
86	71.3	48.3	72.5



#25
2-Butanone
Concen: 19.147 ug/l
RT: 4.48 min Scan# 400
Delta R.T. 0.01 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

Tgt Ion:	43	Resp:	716
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.2	36.2#





#29

Tetrahydrofuran

Concen: 18.135 ug/l

RT: 4.10 min Scan# 362

Delta R.T. -0.10 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Instrument :

MSVOA_F

ClientSampleId :

SB-4-@-8-FT

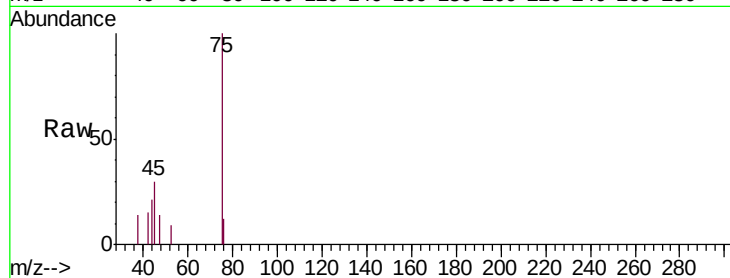
Tgt Ion: 42 Resp: 98

Ion Ratio Lower Upper

42 100

72 0.0 27.0 40.4#

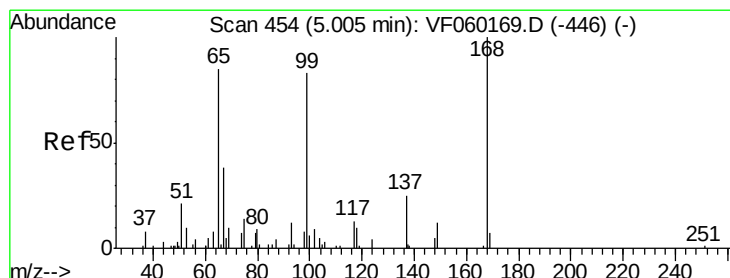
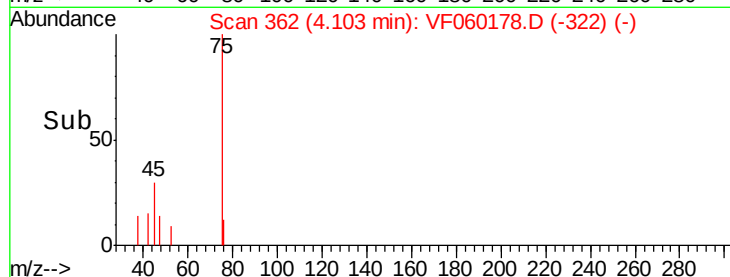
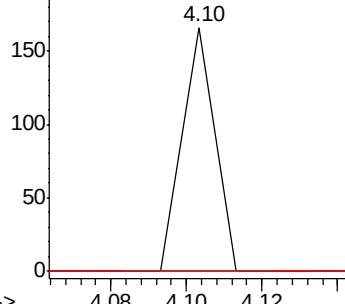
71 0.0 24.6 36.8#



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: 32.557 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF060178.D

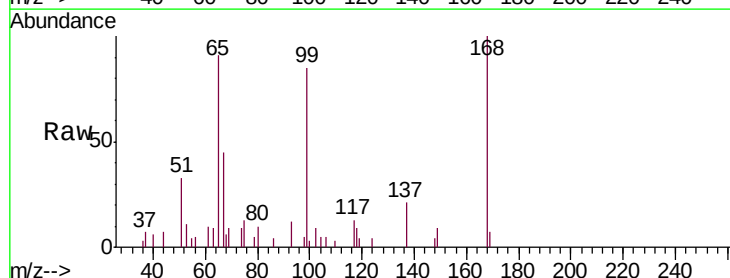
Acq: 29 Aug 2018 6:27

Tgt Ion: 65 Resp: 10335

Ion Ratio Lower Upper

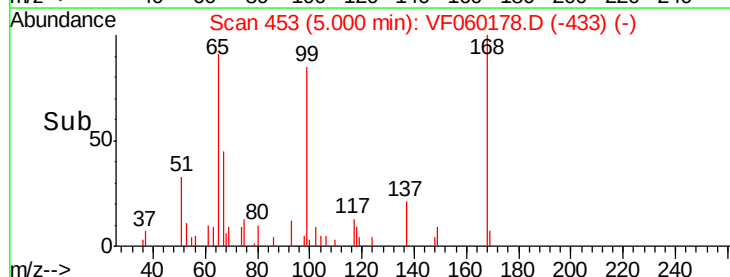
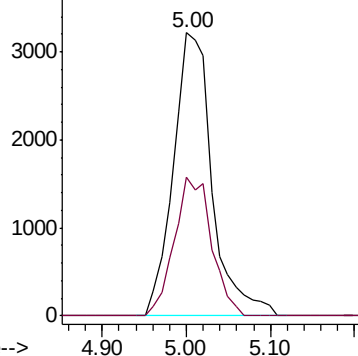
65 100

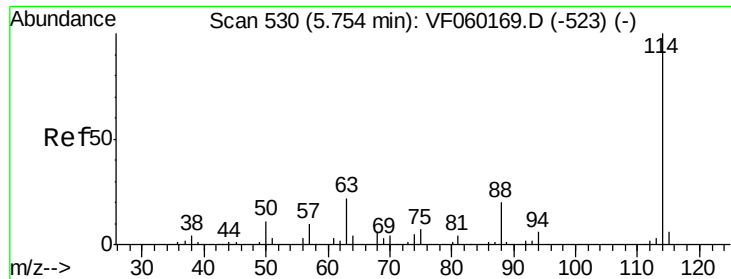
67 49.1 0.0 92.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

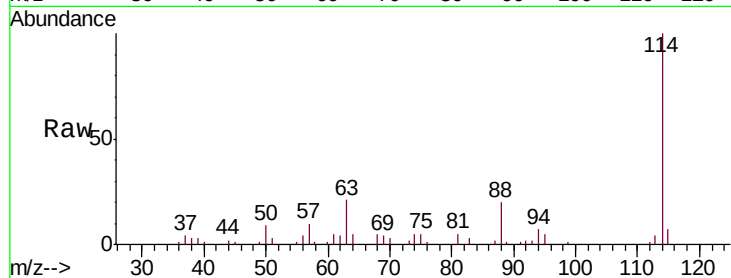




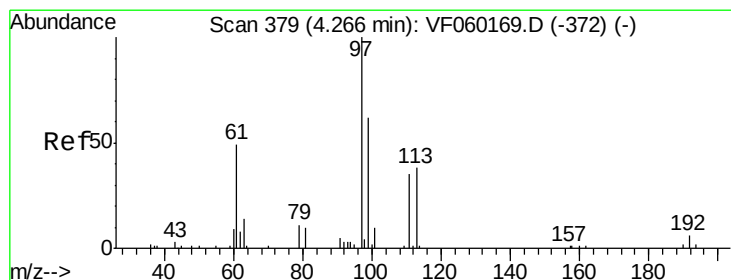
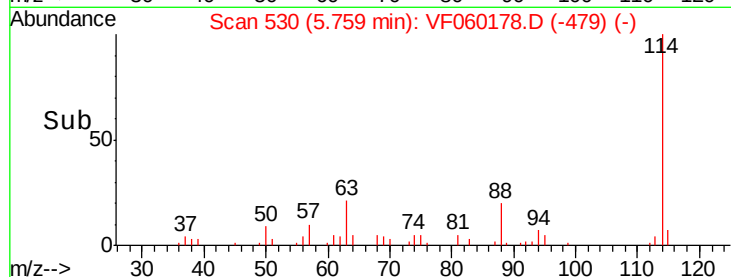
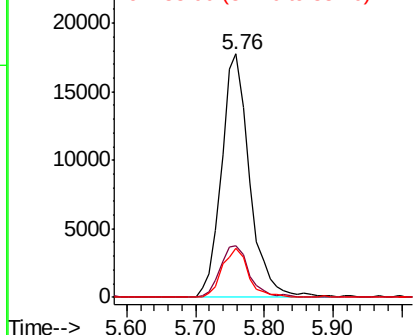
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VF060178.D
 Acq: 29 Aug 2018 6:27

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4-@-8-FT

Tgt Ion:114 Resp: 50296
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.8
 88 20.1 0.0 40.2

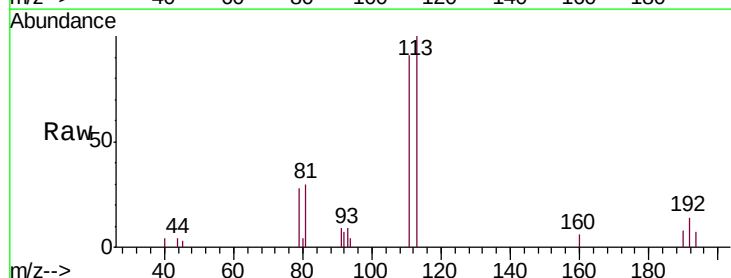


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

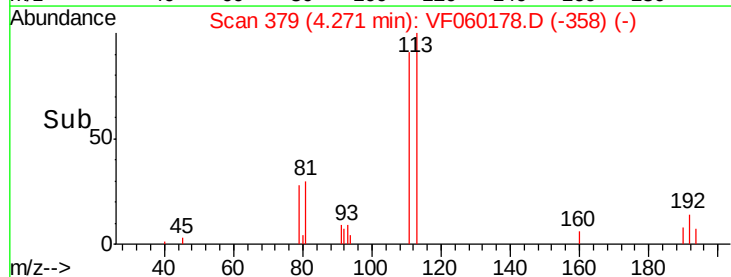
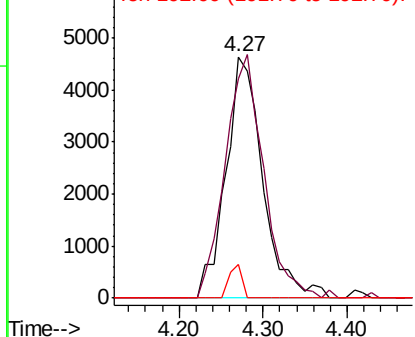


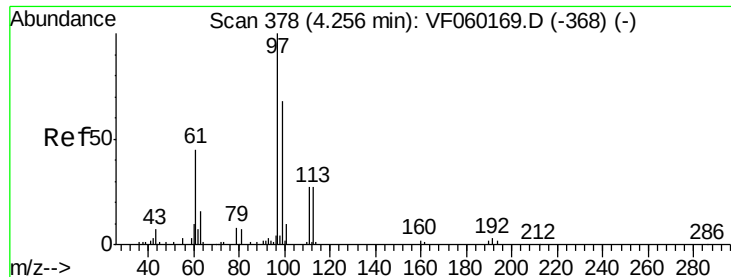
#35
 Dibromofluoromethane
 Concen: 43.856 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VF060178.D
 Acq: 29 Aug 2018 6:27

Tgt Ion:113 Resp: 14190
 Ion Ratio Lower Upper
 113 100
 111 91.0 75.5 113.3
 192 13.8 12.5 18.7



Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V





#37

Ethyl Acetate

Concen: 4.747 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.02 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Instrument :

MSVOA_F

ClientSampleId :

SB-4-@-8-FT

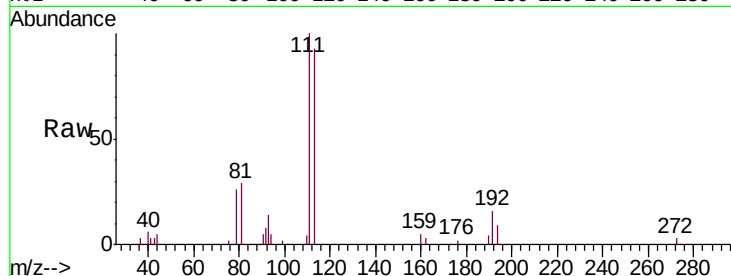
Tgt Ion: 43 Resp: 76

Ion Ratio Lower Upper

43 100

61 0.0 517.6 776.4#

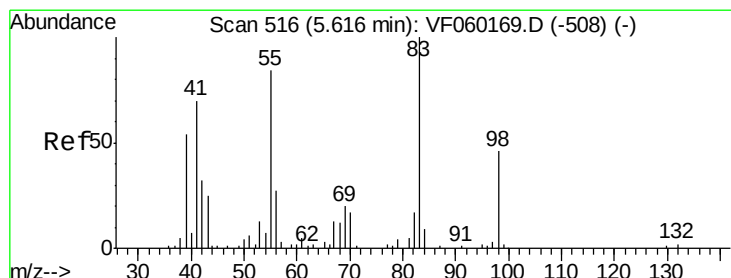
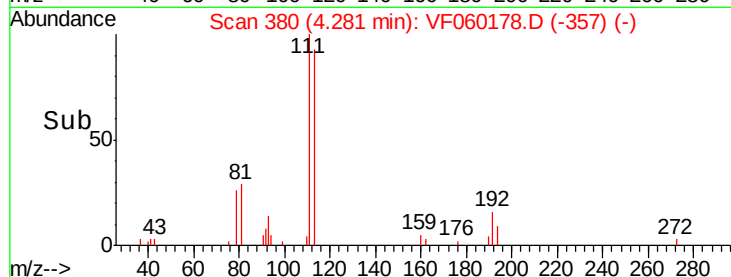
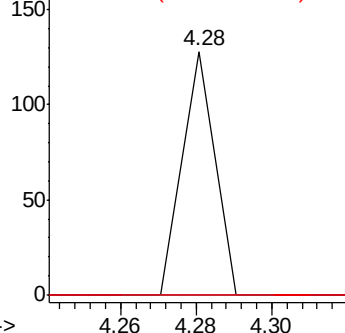
70 0.0 15.4 23.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#39

Methylcyclohexane

Concen: 1.110 ug/l

RT: 5.76 min Scan# 530

Delta R.T. 0.14 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

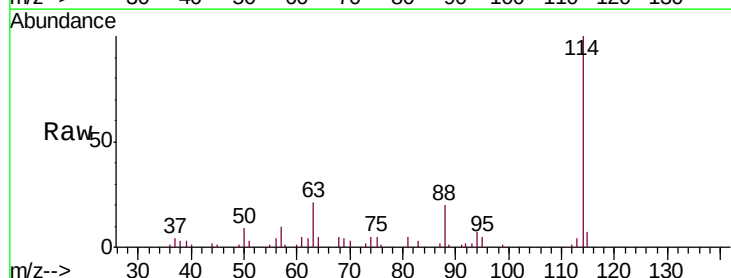
Tgt Ion: 83 Resp: 746

Ion Ratio Lower Upper

83 100

55 27.6 67.4 101.2#

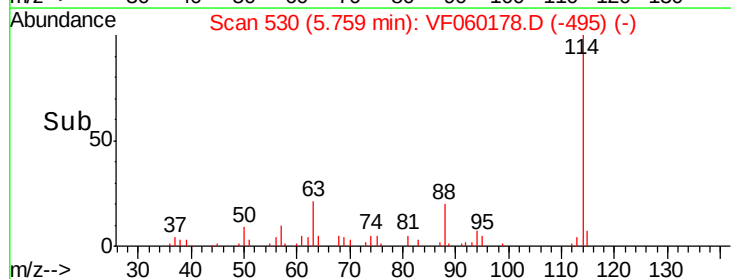
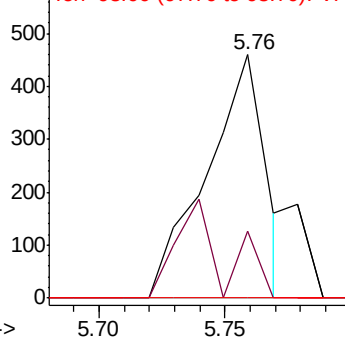
98 0.0 37.0 55.6#

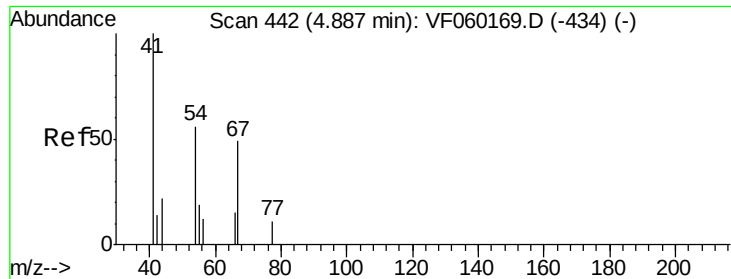


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

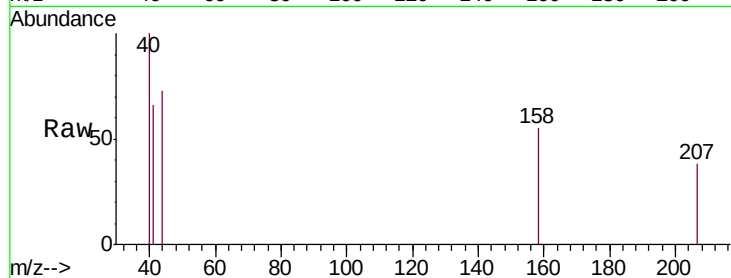




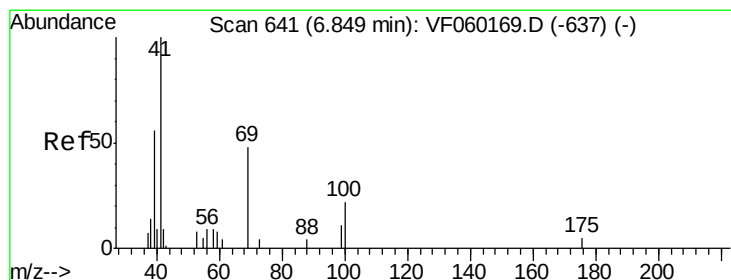
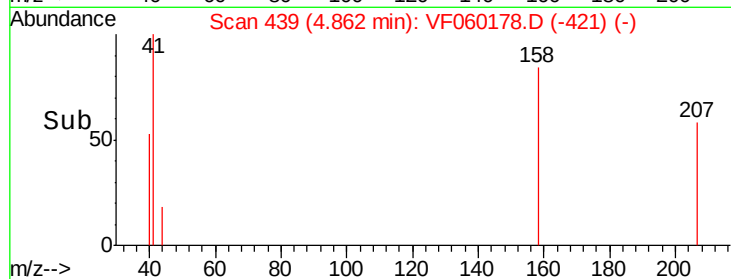
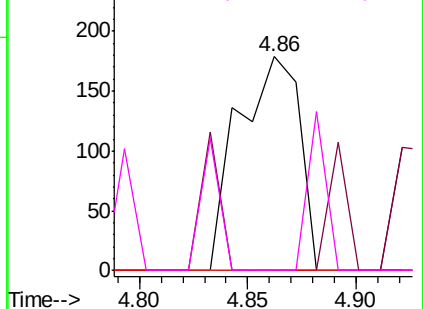
#41
Methacrylonitrile
Concen: 7.296 ug/l
RT: 4.86 min Scan# 439
Delta R.T. -0.02 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

Instrument :
MSVOA_F
ClientSampleId :
SB-4-@-8-FT

Tgt Ion:	41	Resp:	354
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#

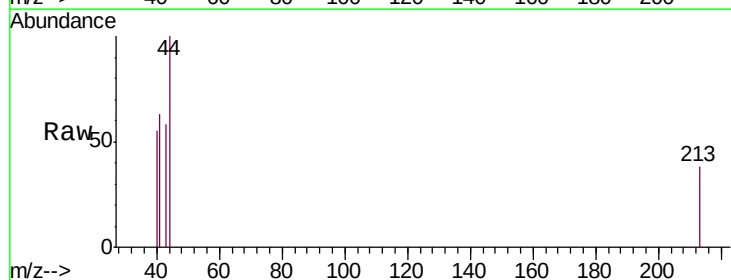


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

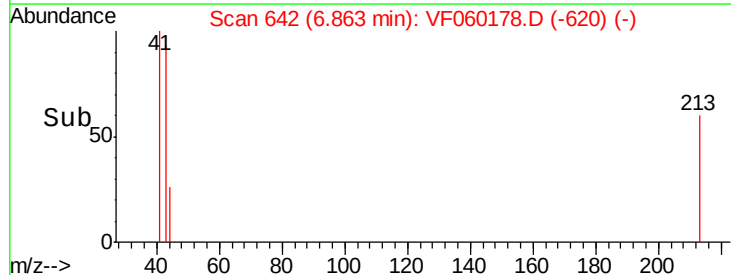
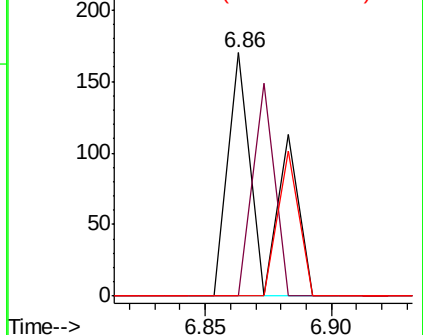


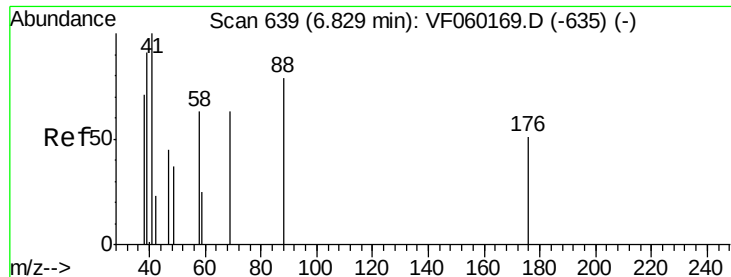
#48
Methyl methacrylate
Concen: 1.492 ug/l
RT: 6.86 min Scan# 642
Delta R.T. 0.02 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

Tgt Ion:	41	Resp:	167
Ion	Ratio	Lower	Upper
41	100		
69	0.0	38.2	57.2#
39	0.0	56.2	84.2#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 188.709 ug/l

RT: 6.98 min Scan# 654

Delta R.T. 0.15 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Instrument :

MSVOA_F

ClientSampleId :

SB-4-@-8-FT

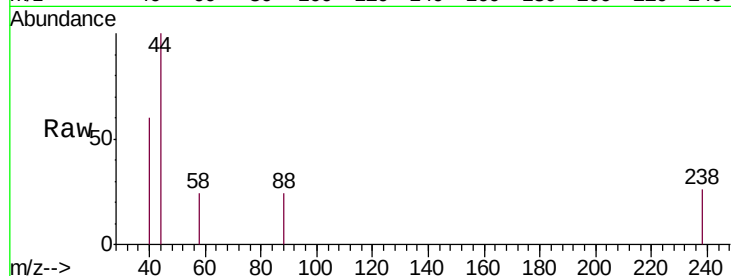
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 0.0 24.5 36.7#

58 100.0 63.8 95.8#

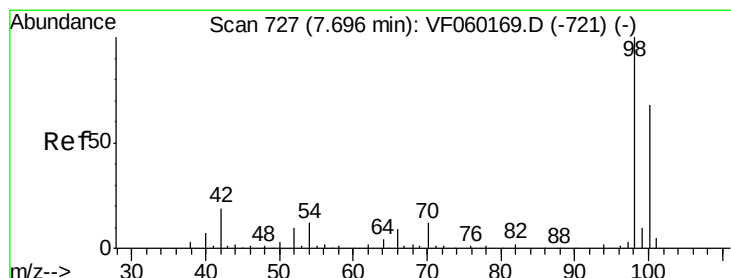
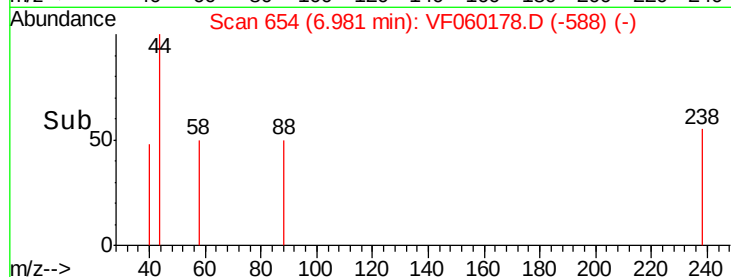
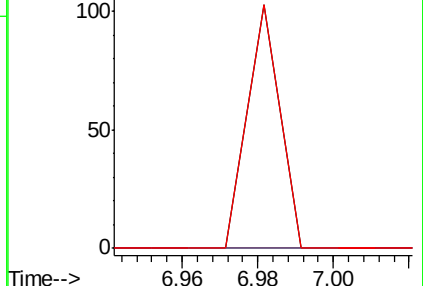


Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

6.98



#50

Toluene-d8

Concen: 43.408 ug/l

RT: 7.70 min Scan# 727

Delta R.T. 0.00 min

Lab File: VF060178.D

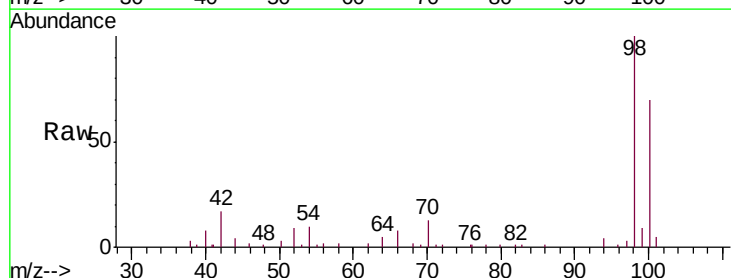
Acq: 29 Aug 2018 6:27

Tgt Ion: 98 Resp: 48046

Ion Ratio Lower Upper

98 100

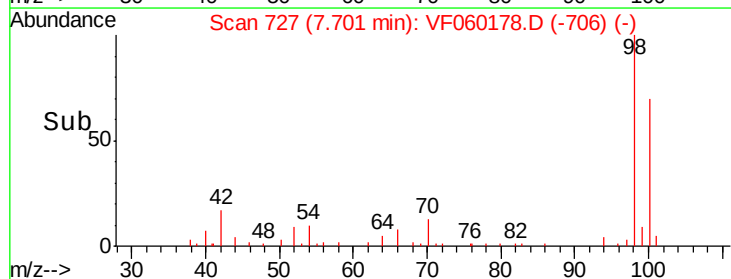
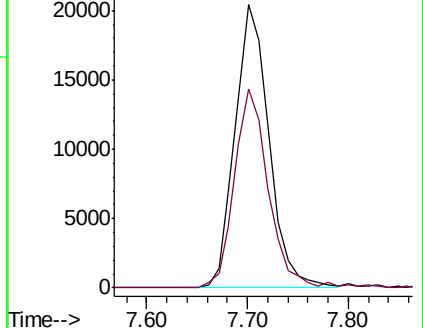
100 70.4 54.5 81.7

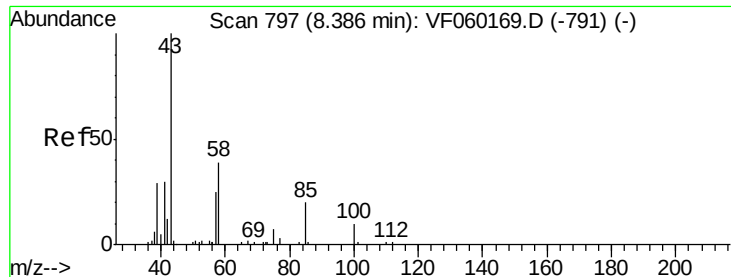


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.70

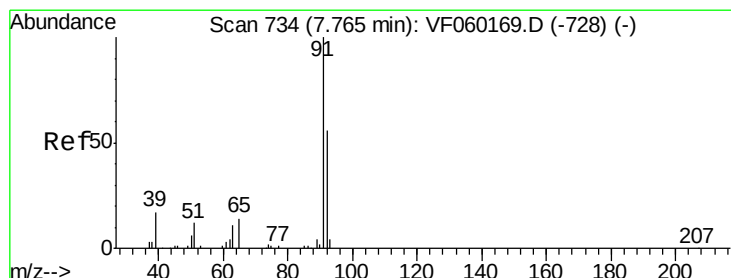
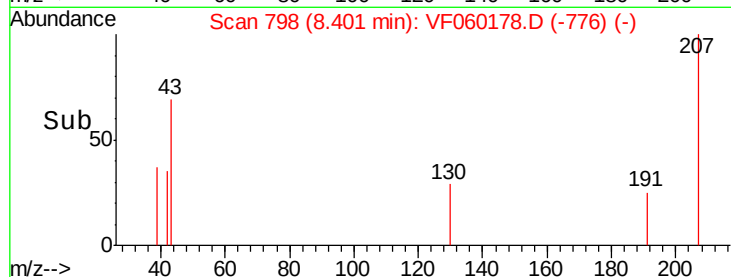
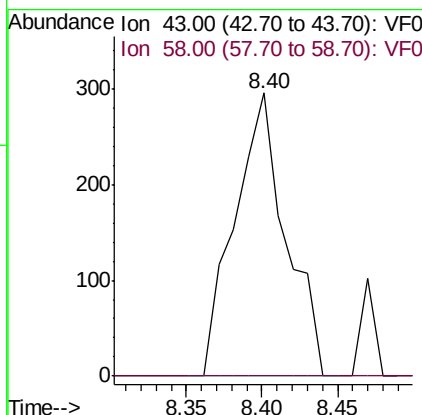
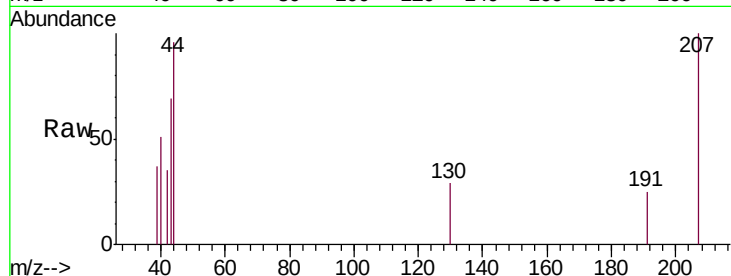




#51
 4-Methyl-2-Pentanone
 Concen: 7.421 ug/l
 RT: 8.40 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: VF060178.D
 Acq: 29 Aug 2018 6:27

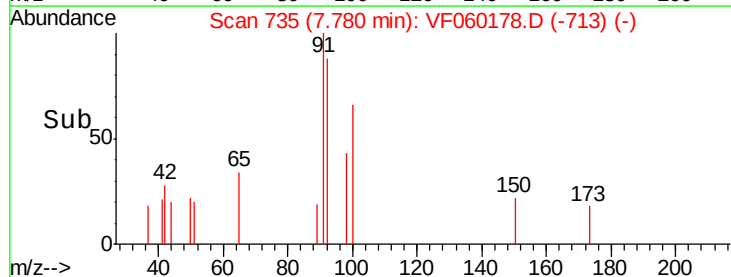
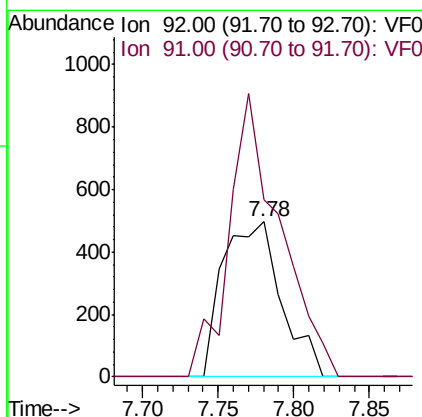
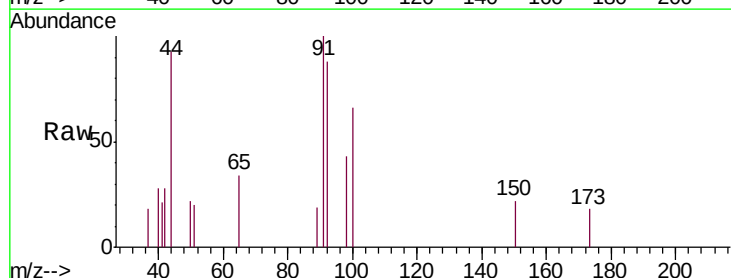
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4-@-8-FT

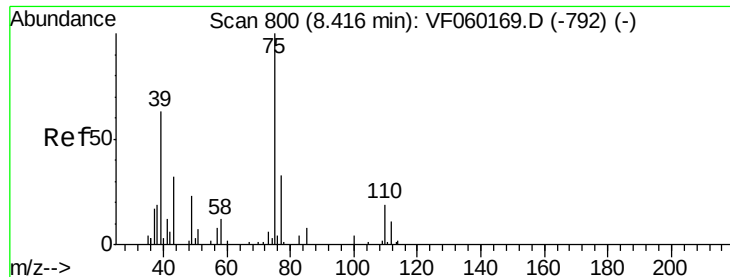
Tgt Ion: 43 Resp: 699
 Ion Ratio Lower Upper
 43 100
 58 0.0 31.0 46.6#



#52
 Toluene
 Concen: 1.829 ug/l
 RT: 7.78 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: VF060178.D
 Acq: 29 Aug 2018 6:27

Tgt Ion: 92 Resp: 1335
 Ion Ratio Lower Upper
 92 100
 91 114.1 141.9 212.9#





#53

t-1,3-Dichloropropene

Concen: 3.892 ug/l

RT: 8.33 min Scan# 791

Delta R.T. -0.08 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Instrument :

MSVOA_F

ClientSampleId :

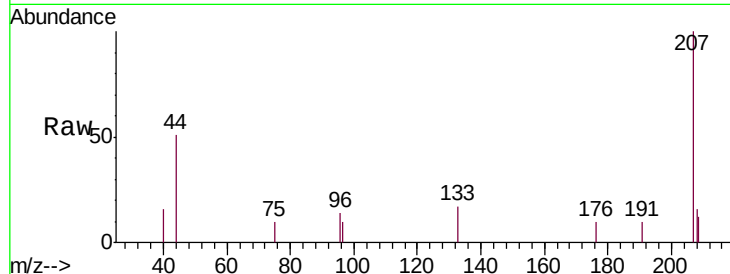
SB-4-@-8-FT

Tgt Ion: 75 Resp: 125

Ion Ratio Lower Upper

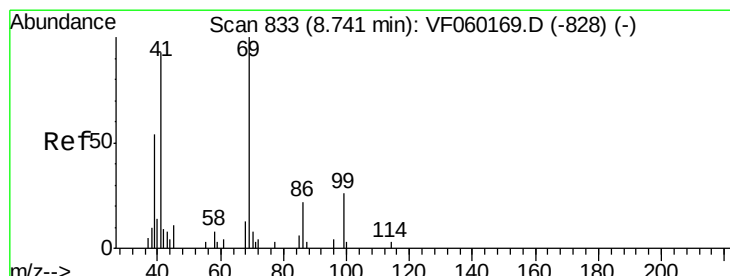
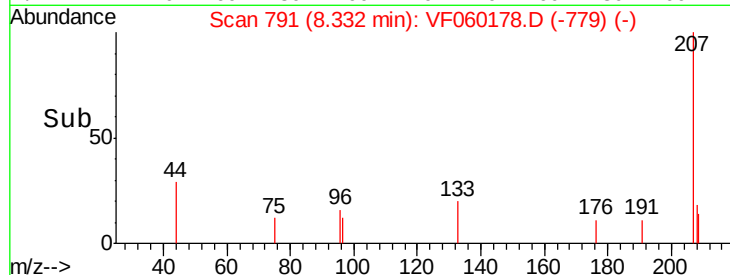
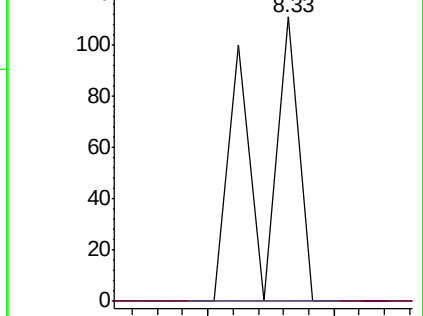
75 100

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



#56

Ethyl methacrylate

Concen: 4.962 ug/l

RT: 8.75 min Scan# 833

Delta R.T. 0.00 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

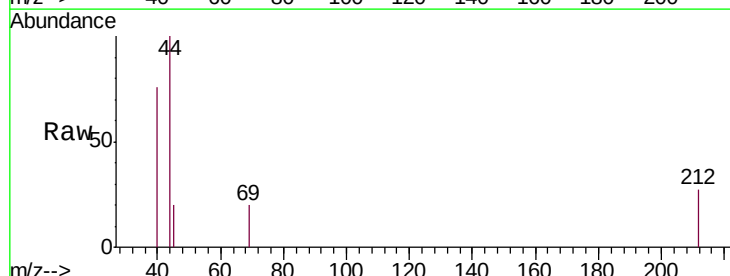
Tgt Ion: 69 Resp: 65

Ion Ratio Lower Upper

69 100

41 0.0 74.6 111.8#

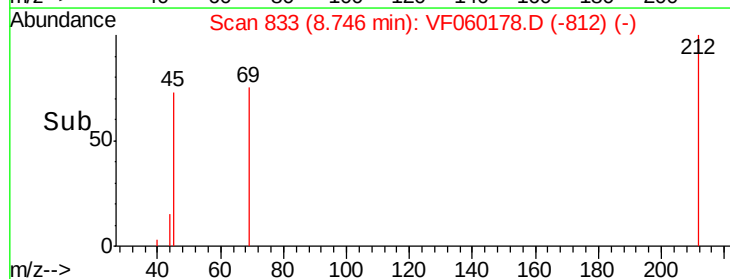
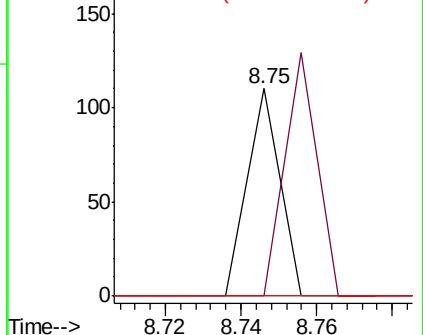
39 0.0 46.2 69.4#

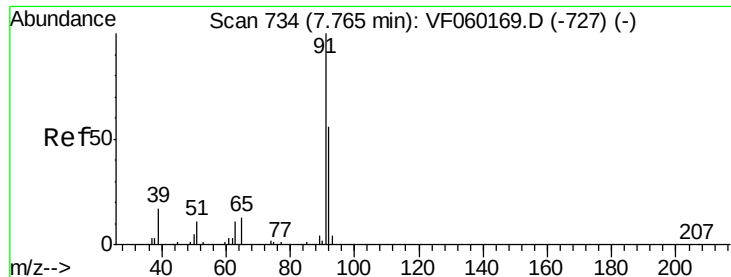


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

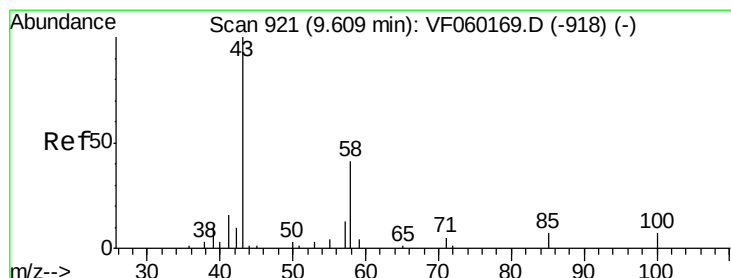
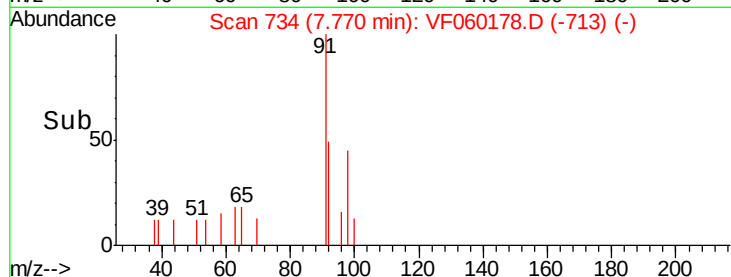
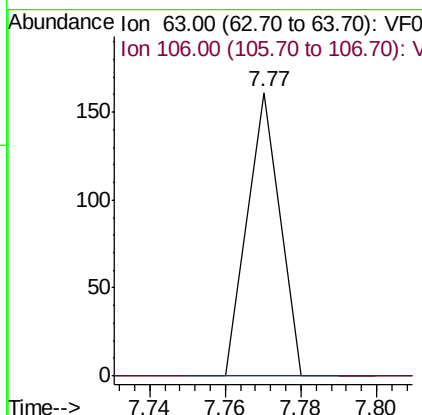
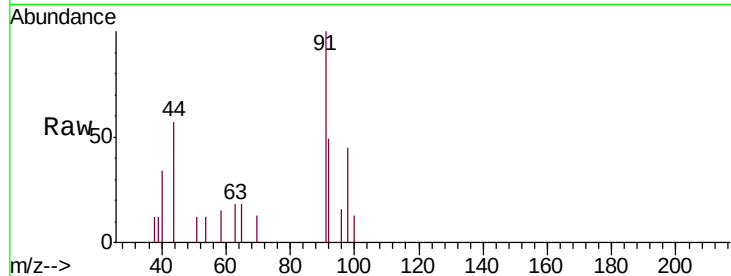




#58
 2-Chloroethyl Vinyl ether
 Concen: 3.151 ug/l
 RT: 7.77 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: VF060178.D
 Acq: 29 Aug 2018 6:27

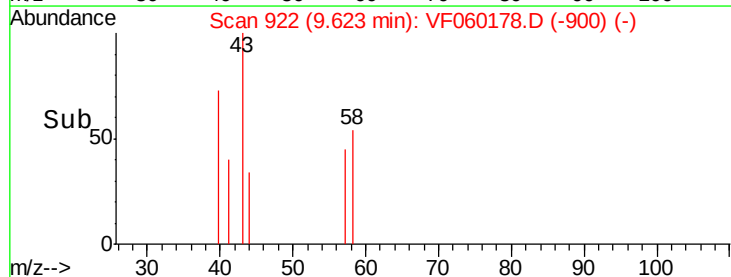
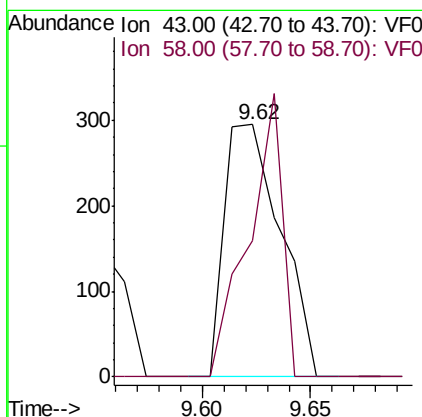
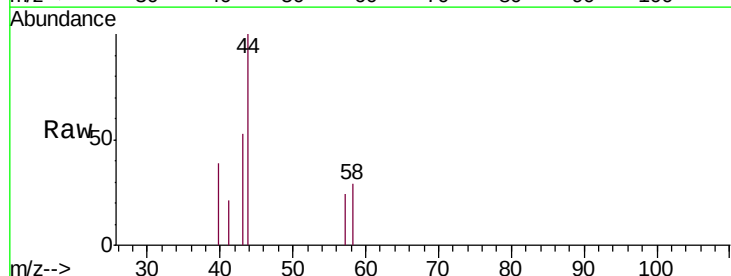
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4-@-8-FT

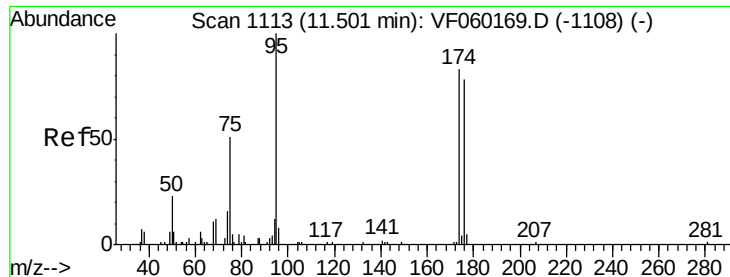
Tgt Ion: 63 Resp: 95
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#59
 2-Hexanone
 Concen: 8.137 ug/l
 RT: 9.62 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VF060178.D
 Acq: 29 Aug 2018 6:27

Tgt Ion: 43 Resp: 538
 Ion Ratio Lower Upper
 43 100
 58 53.9 19.4 58.4





#62

4-Bromofluorobenzene

Concen: 31.088 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Instrument :

MSVOA_F

ClientSampleId :

SB-4-@-8-FT

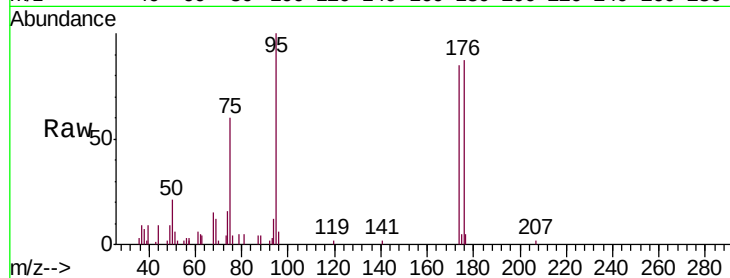
Tgt Ion: 95 Resp: 12689

Ion Ratio Lower Upper

95 100

174 84.7 0.0 165.2

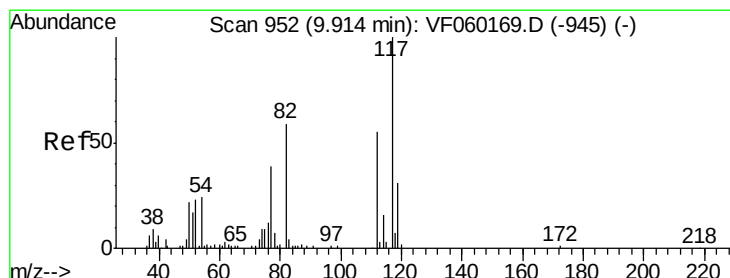
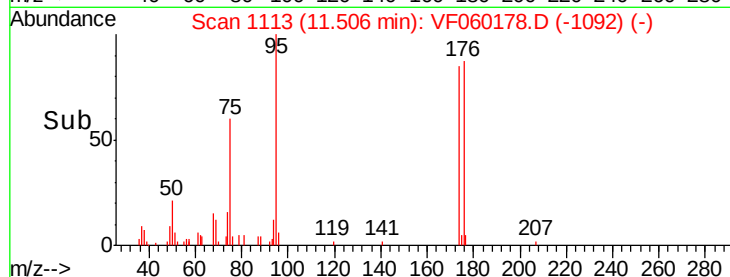
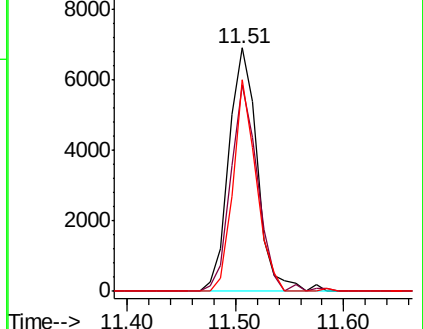
176 87.0 0.0 156.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.01 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

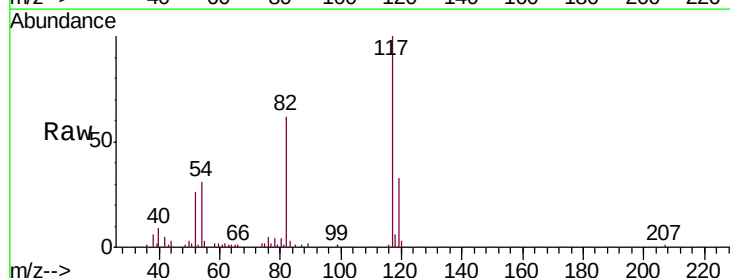
Tgt Ion: 117 Resp: 31088

Ion Ratio Lower Upper

117 100

82 62.4 47.2 70.8

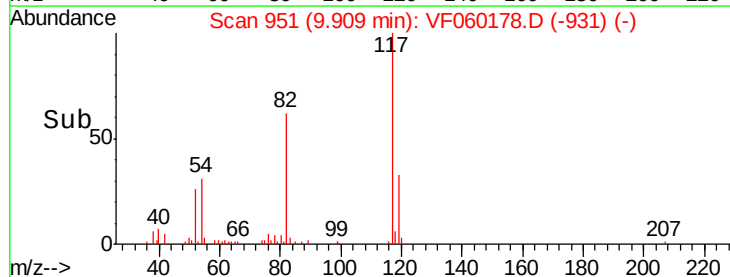
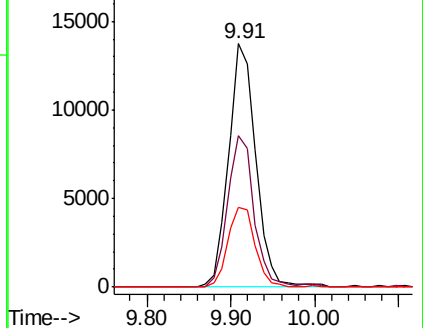
119 32.8 25.0 37.4

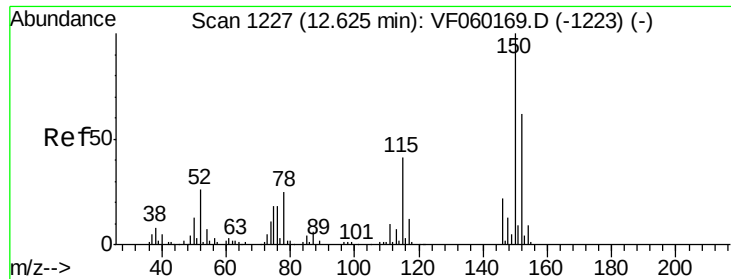


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Instrument :

MSVOA_F

ClientSampleId :

SB-4-@-8-FT

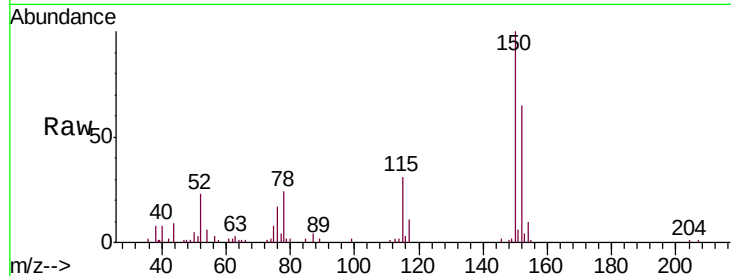
Tgt Ion:152 Resp: 10971

Ion Ratio Lower Upper

152 100

115 48.5 33.2 99.6

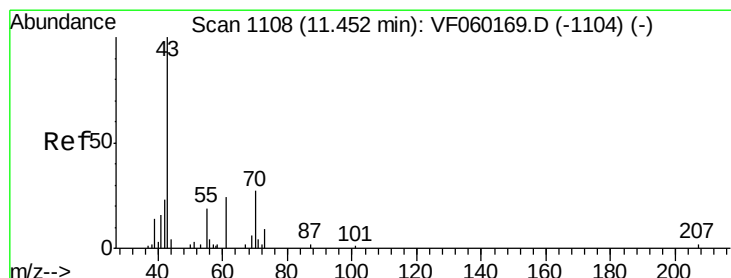
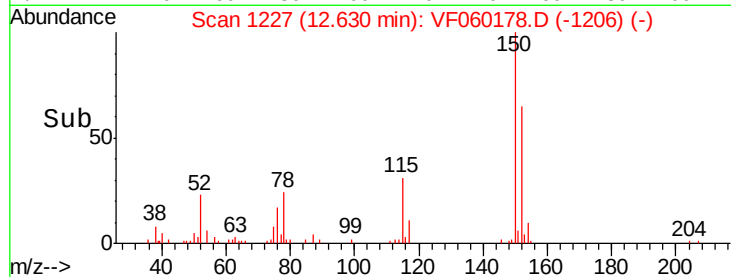
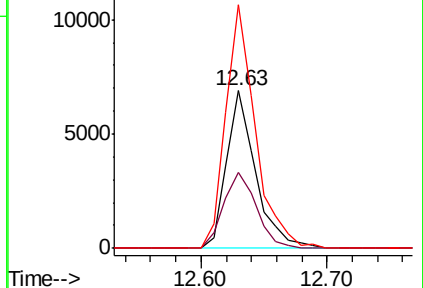
150 154.7 0.0 325.6



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: 2.968 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Tgt Ion: 43 Resp: 267

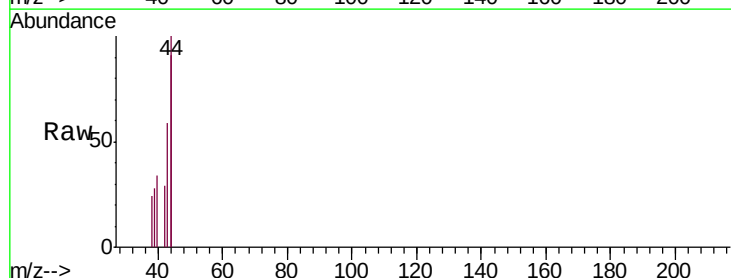
Ion Ratio Lower Upper

43 100

70 0.0 22.0 33.0#

55 0.0 15.2 22.8#

61 0.0 19.2 28.8#

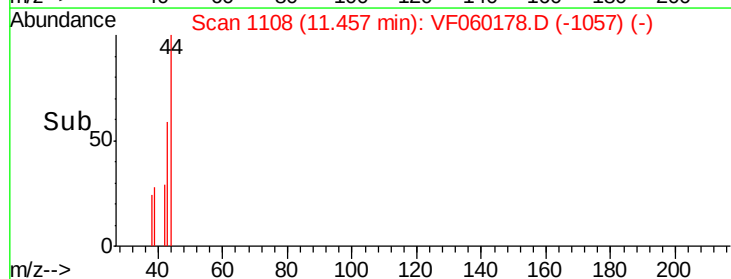
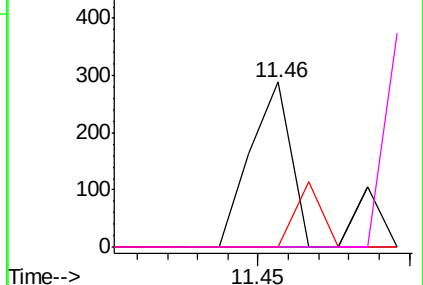


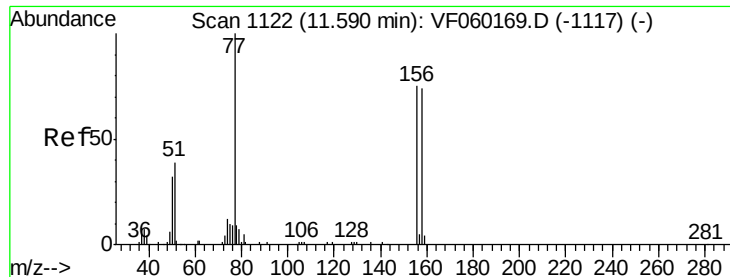
Abundance Ion 43.00 (42.70 to 43.70): VF0

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

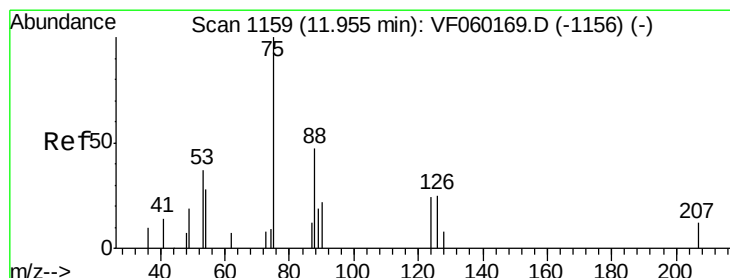
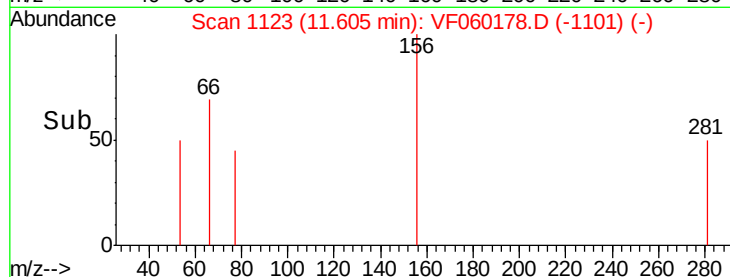
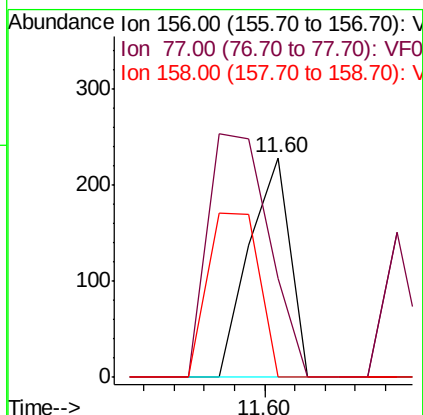
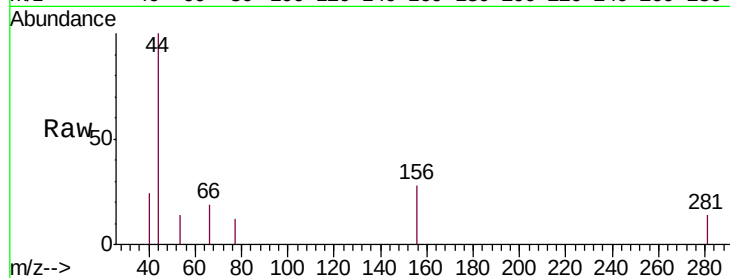




#77
Bromobenzene
Concen: 1.235 ug/l
RT: 11.60 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

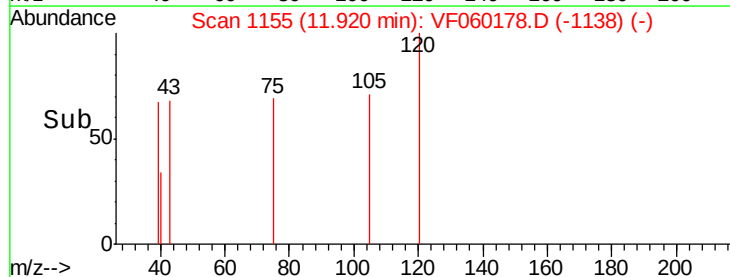
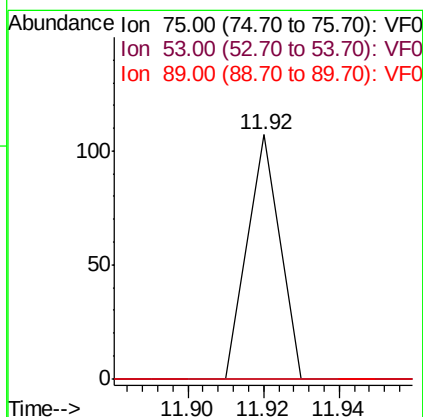
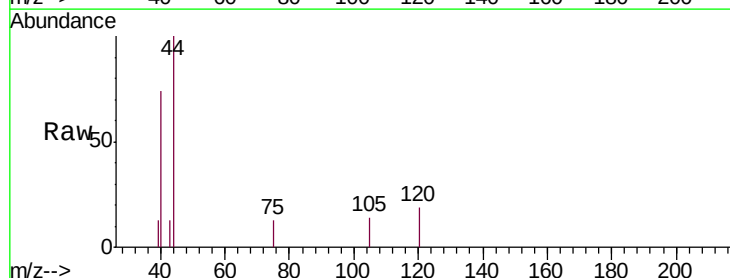
Instrument :
MSVOA_F
ClientSampleId :
SB-4-@-8-FT

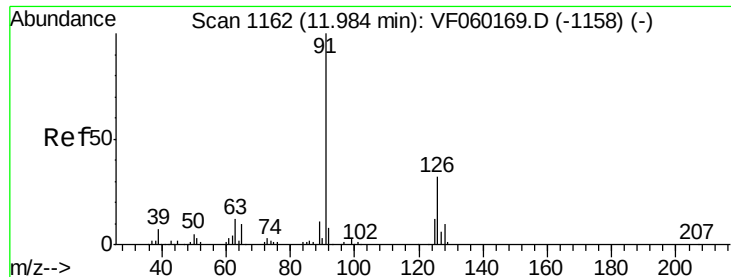
Tgt Ion: 156 Resp: 216
Ion Ratio Lower Upper
156 100
77 44.7 66.8 200.6#
158 0.0 49.7 149.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 6.910 ug/l
RT: 11.92 min Scan# 1155
Delta R.T. -0.03 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
53 0.0 53.4 80.0#
89 0.0 28.9 43.3#





#82

4-Chlorotoluene

Concen: 1.175 ug/l

RT: 11.99 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Instrument :

MSVOA_F

ClientSampleId :

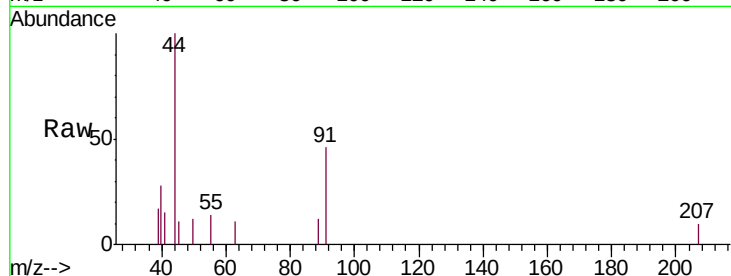
SB-4-@-8-FT

Tgt Ion: 91 Resp: 775

Ion Ratio Lower Upper

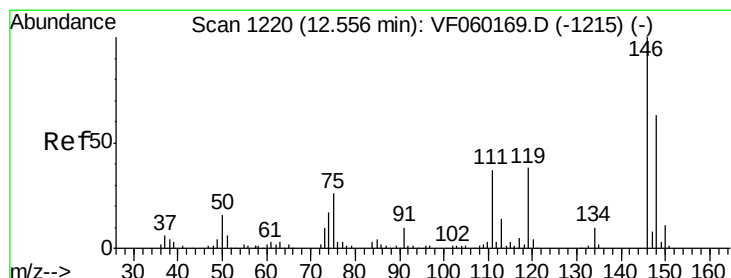
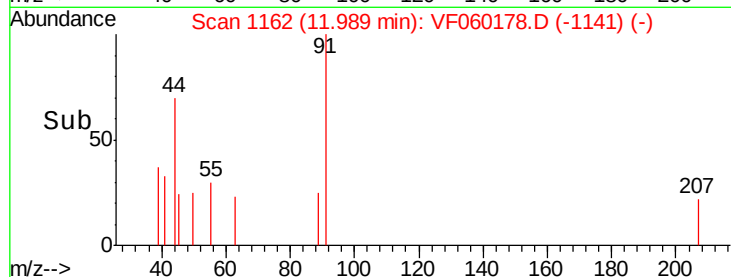
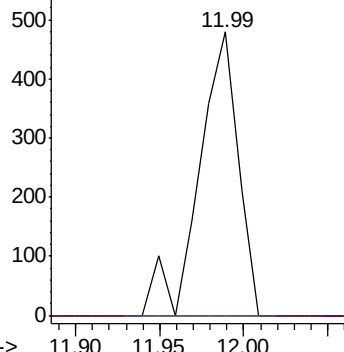
91 100

126 0.0 16.1 48.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#87

1,3-Dichlorobenzene

Concen: 2.077 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. 0.08 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

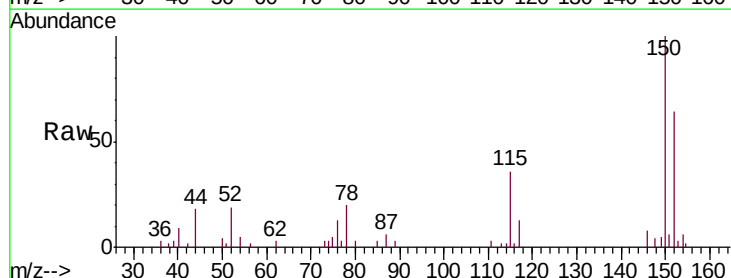
Tgt Ion: 146 Resp: 777

Ion Ratio Lower Upper

146 100

111 32.5 18.8 56.3

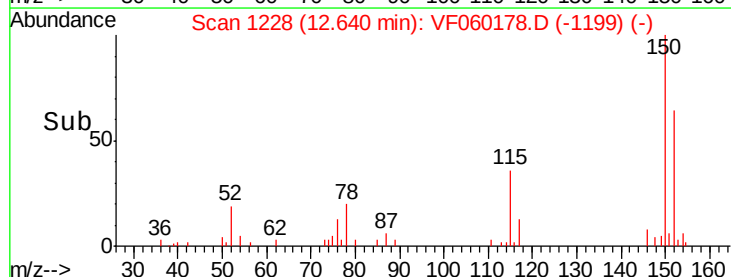
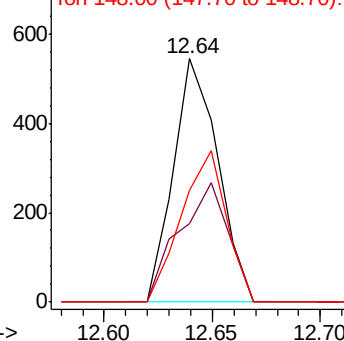
148 45.8 31.6 94.8

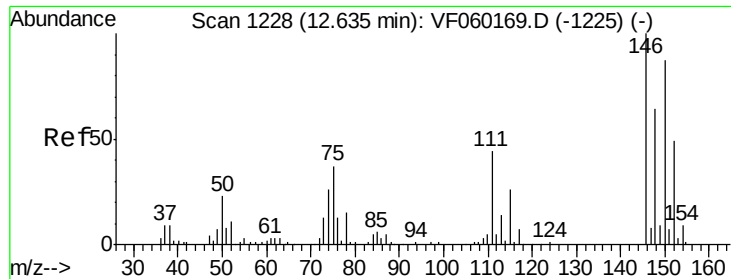


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

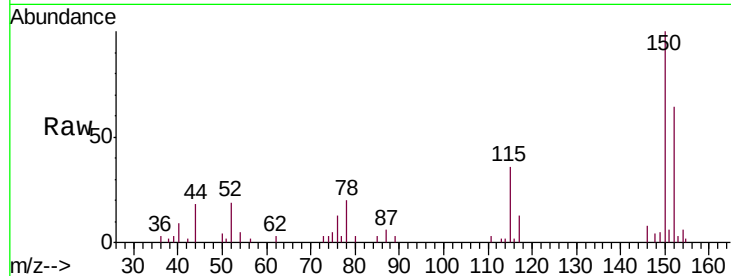




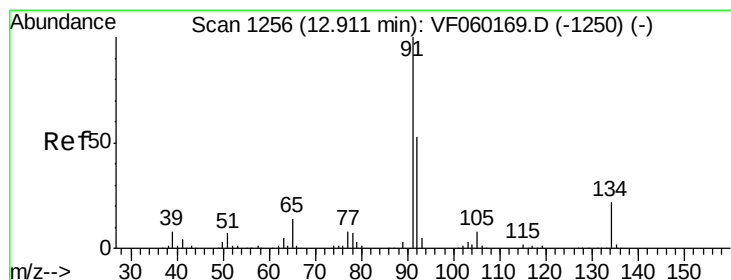
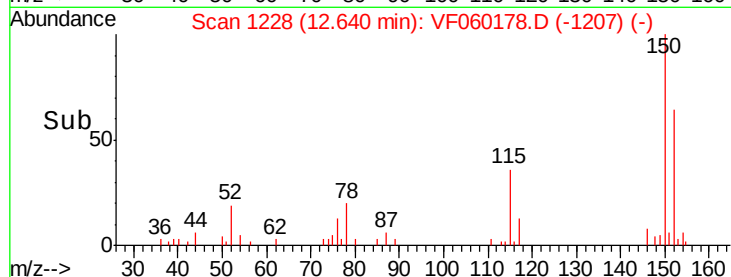
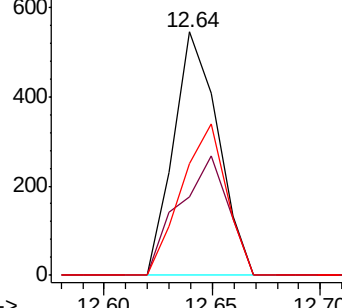
#88
 1,4-Dichlorobenzene
 Concen: 2.303 ug/l
 RT: 12.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VF060178.D
 Acq: 29 Aug 2018 6:27

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4-@-8-FT

Tgt Ion: 146 Resp: 777
 Ion Ratio Lower Upper
 146 100
 111 32.5 22.1 66.3
 148 45.8 32.0 96.2

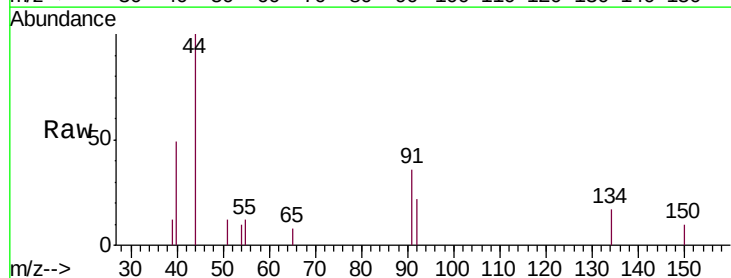


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

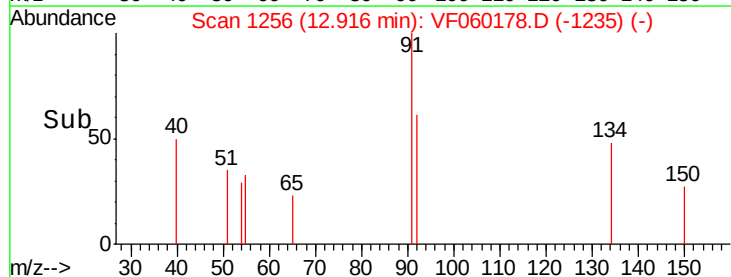
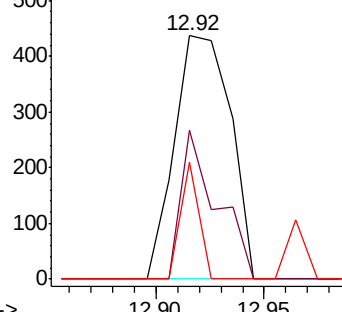


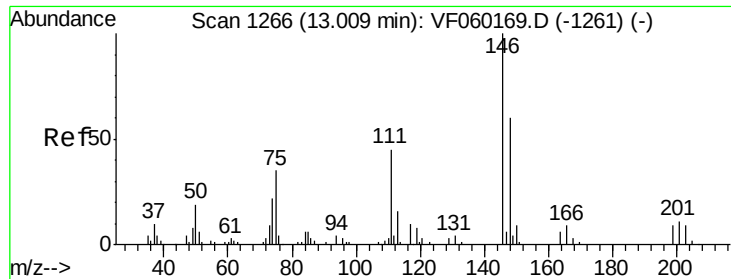
#89
 n-Butylbenzene
 Concen: 4.345 ug/l
 RT: 12.92 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: VF060178.D
 Acq: 29 Aug 2018 6:27

Tgt Ion: 91 Resp: 787
 Ion Ratio Lower Upper
 91 100
 92 61.1 26.7 80.0
 134 48.1 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: 1.259 ug/l

RT: 13.02 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

Instrument :

MSVOA_F

ClientSampleId :

SB-4-@-8-FT

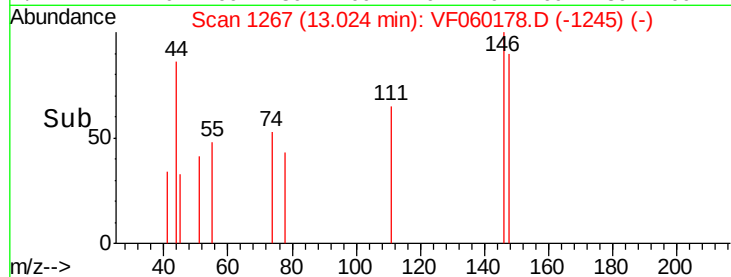
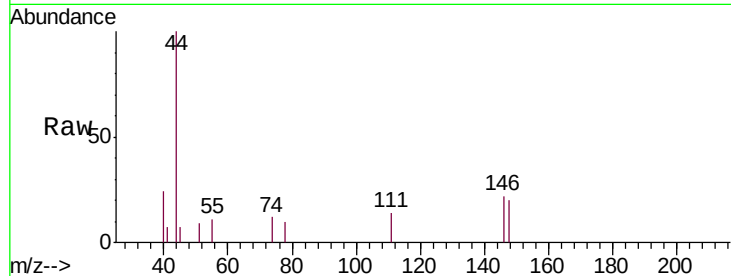
Tgt Ion:146 Resp: 364

Ion Ratio Lower Upper

146 100

111 64.5 22.7 68.1

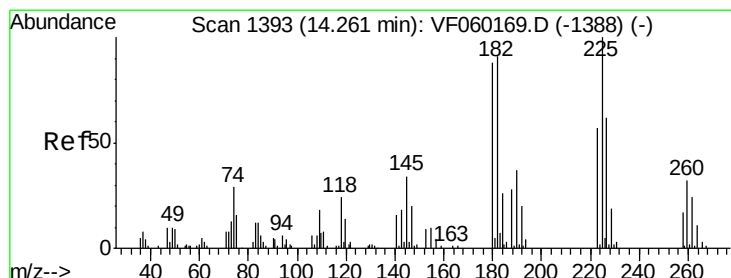
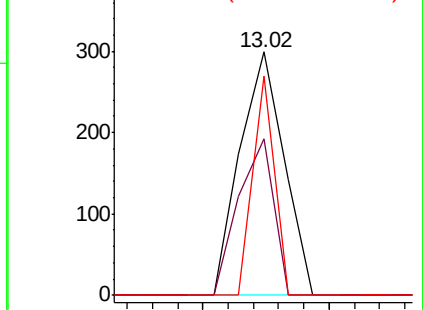
148 90.3 30.0 90.1#



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



#93

1,2,4-Trichlorobenzene

Concen: 6.541 ug/l

RT: 14.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VF060178.D

Acq: 29 Aug 2018 6:27

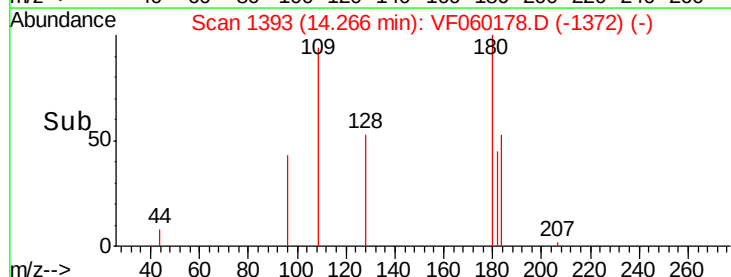
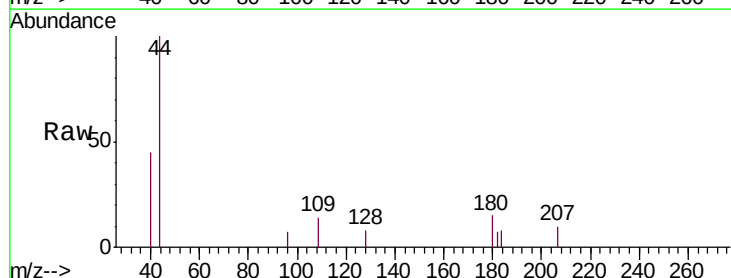
Tgt Ion:180 Resp: 327

Ion Ratio Lower Upper

180 100

182 45.0 51.8 155.5#

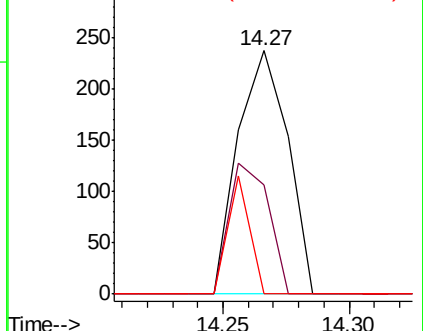
145 0.0 19.3 57.9#

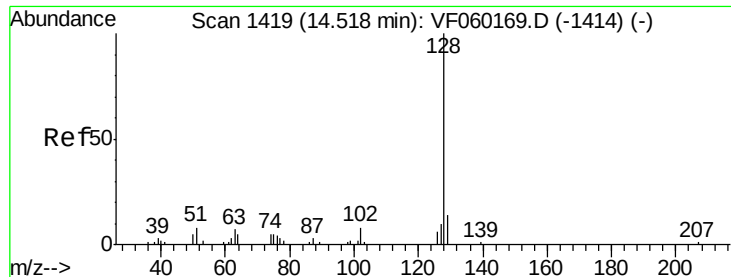


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

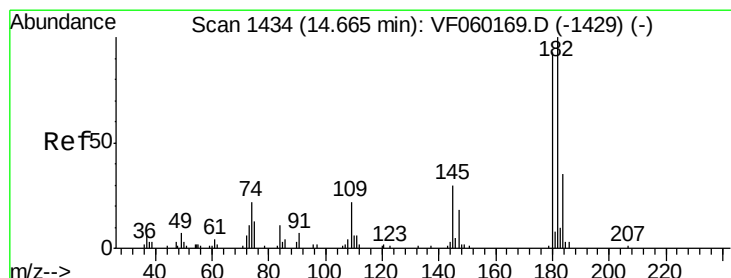
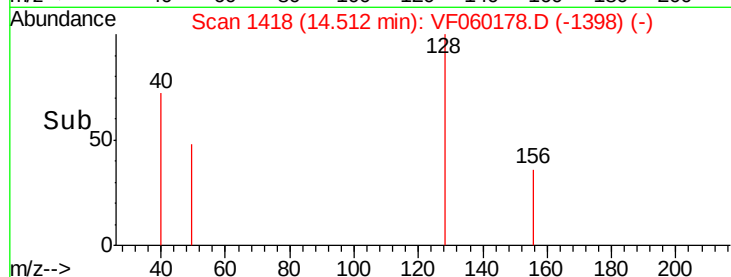
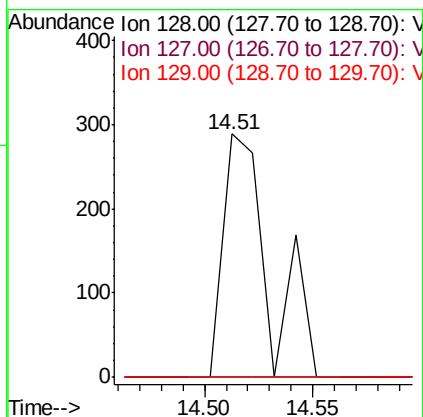
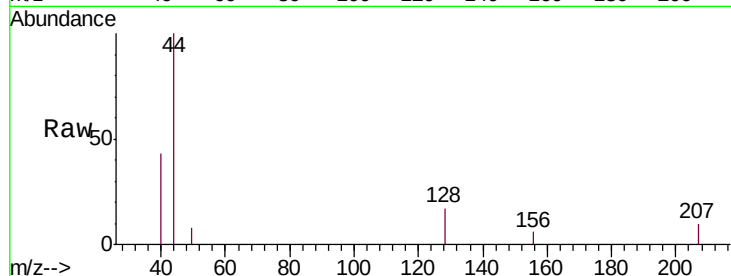




#95
Naphthalene
Concen: 10.781 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.00 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

Instrument :
MSVOA_F
ClientSampleId :
SB-4-@-8-FT

Tgt Ion:128 Resp: 429
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: 6.454 ug/l
RT: 14.67 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VF060178.D
Acq: 29 Aug 2018 6:27

Tgt Ion:180 Resp: 146
Ion Ratio Lower Upper
180 100
182 93.9 53.6 160.8
145 41.3 16.2 48.6

