

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080418\
 Data File : VF059877.D
 Acq On : 4 Aug 2018 11:10
 Operator : VA/AP
 Sample : J4333-01
 Misc : 5.17a/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Aug 06 02:18:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	91340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	124324	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	53827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	4627	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	137237	83.34	ug/l	0.00
Spiked Amount			Recovery	=	166.68%	
35) Dibromofluoromethane	4.29	113	111641	90.25	ug/l	0.00
Spiked Amount			Recovery	=	180.50%	
50) Toluene-d8	7.72	98	86731	32.95	ug/l	0.00
Spiked Amount			Recovery	=	65.90%	
62) 4-Bromofluorobenzene	11.51	95	8112	5.48	ug/l	0.00
Spiked Amount			Recovery	=	10.96%	

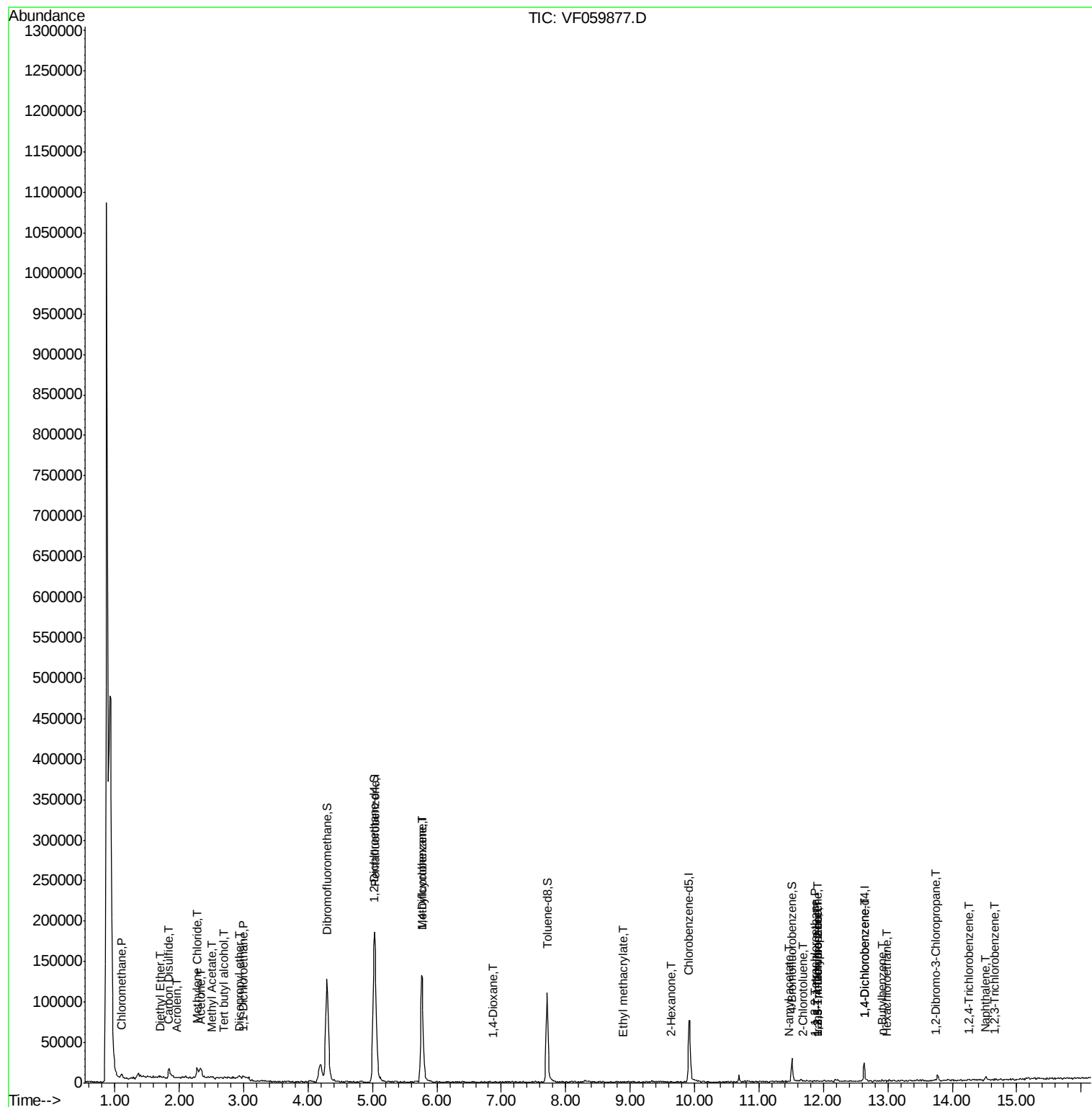
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.09	50	828	1.147	ug/l #	42
8) Diethyl Ether	1.71	74	513	1.597	ug/l	57
11) Tert butyl alcohol	2.69	59	386	5.811	ug/l #	1
13) Acrolein	1.96	56	105	2.638	ug/l	85
16) Acetone	2.34	43	8683	28.563	ug/l	97
17) Carbon Disulfide	1.84	76	16972	7.792	ug/l	96
18) Methyl Acetate	2.50	43	1414	2.757	ug/l #	56
20) Methylene Chloride	2.27	84	5394	1.255	ug/l #	77
22) Diisopropyl ether	2.94	45	3231	1.235	ug/l #	71
24) 1,1-Dichloroethane	3.00	63	3254	1.707	ug/l #	90
39) Methylcyclohexane	5.77	83	3330	3.088	ug/l #	29
40) Benzene	4.83	78	1123	Below Cal	#	49
49) 1,4-Dioxane	6.88	88	78	100.614	ug/l #	16
56) Ethyl methacrylate	8.89	69	65	3.441	ug/l #	51
59) 2-Hexanone	9.63	43	596	1.298	ug/l #	34
74) N-amyl acetate	11.47	43	549	10.201	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.87	83	67	1.238	ug/l #	23
76) 1,2,3-Trichloropropane	11.91	75	82	1.764	ug/l #	44
79) 2-Chlorotoluene	11.69	91	283	1.314	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.91	105	376	1.405	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.91	75	82	4.912	ug/l #	13
88) 1,4-Dichlorobenzene	12.64	146	415	2.847	ug/l #	67
89) n-Butylbenzene	12.92	91	311	1.122	ug/l #	76
90) Hexachloroethane	13.00	117	96	1.196	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	13.73	75	143	10.483	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.26	180	460	4.240	ug/l #	80
95) Naphthalene	14.52	128	1767	9.407	ug/l	97
96) 1,2,3-Trichlorobenzene	14.66	180	232	2.165	ug/l #	79

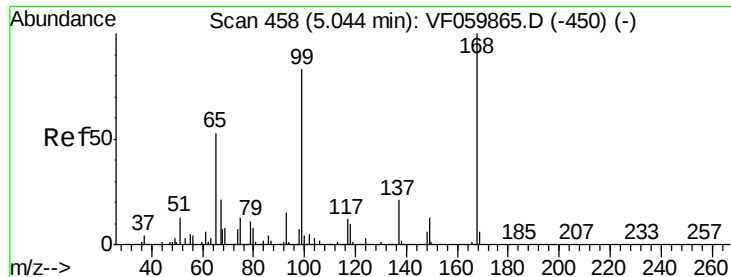
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

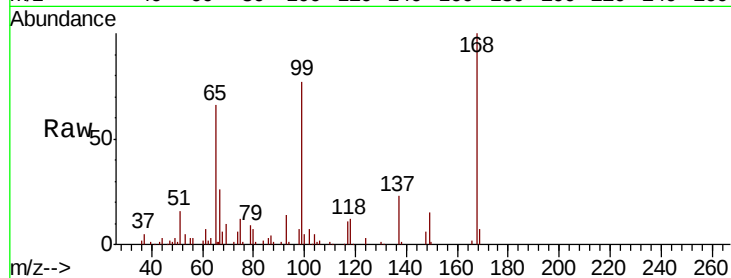
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 91340

Ion Ratio Lower Upper

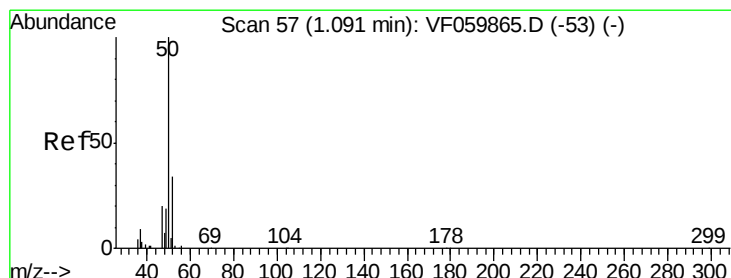
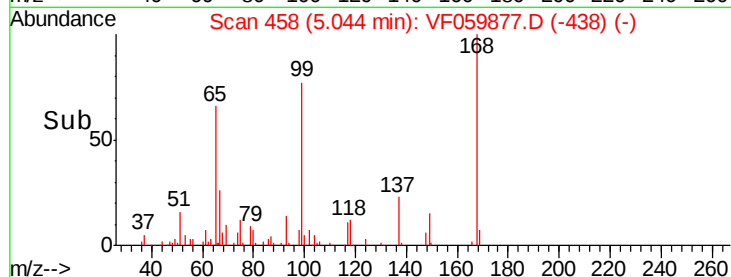
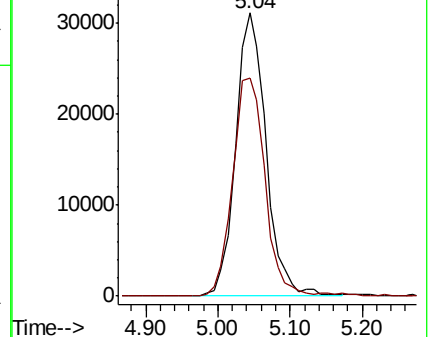
168 100

99 77.1 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#3

Chloromethane

Concen: 1.147 ug/l

RT: 1.09 min Scan# 57

Delta R.T. 0.00 min

Lab File: VF059877.D

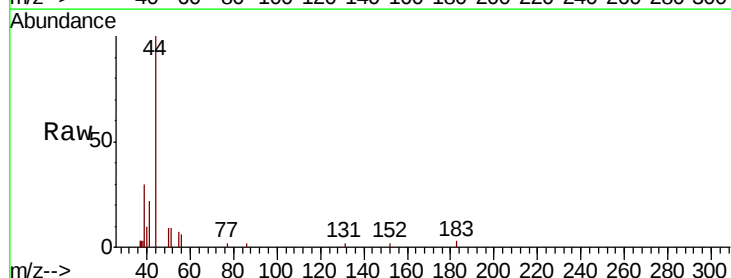
Acq: 4 Aug 2018 11:10

Tgt Ion: 50 Resp: 828

Ion Ratio Lower Upper

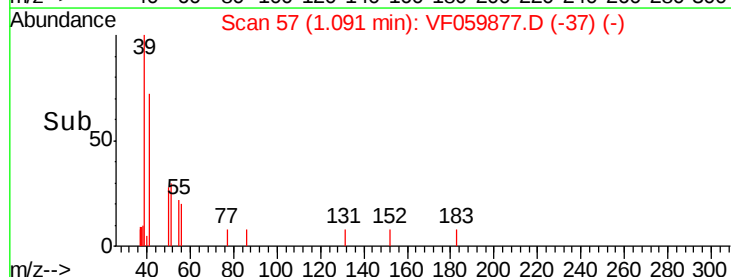
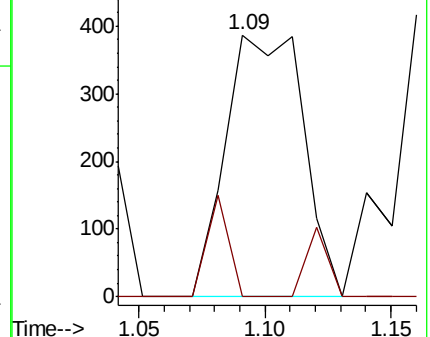
50 100

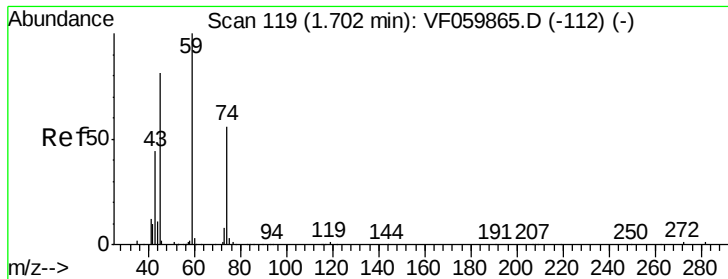
52 0.0 25.8 38.8#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#8

Diethyl Ether

Concen: 1.597 ug/l

RT: 1.71 min Scan# 120

Delta R.T. 0.01 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

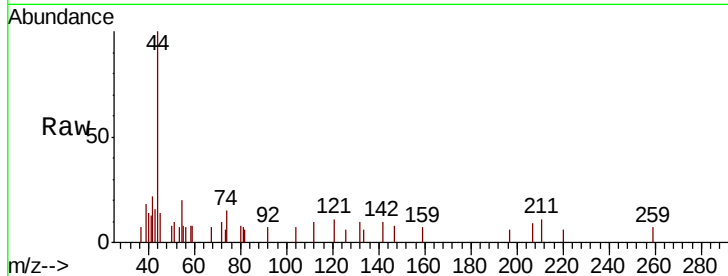
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 74 Resp: 513

Ion Ratio Lower Upper

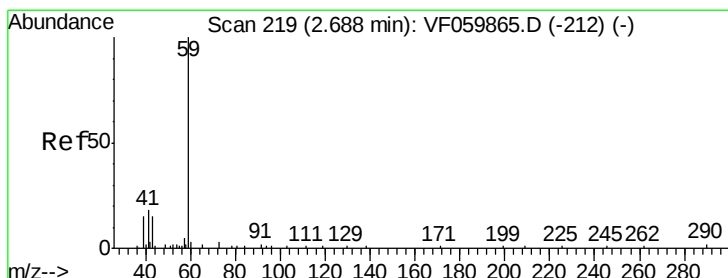
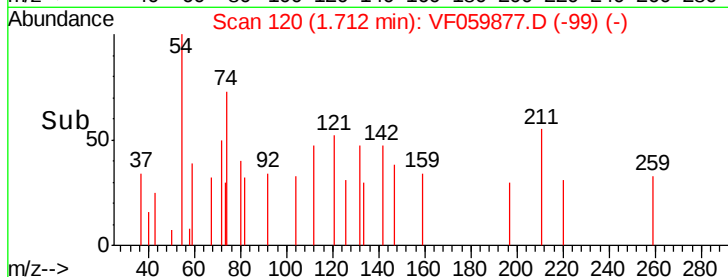
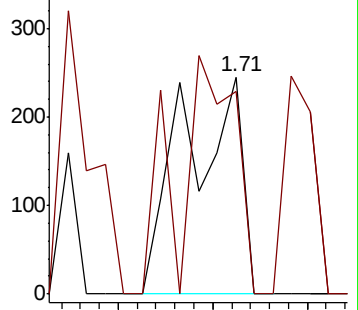
74 100

45 93.5 73.6 220.7



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



#11

Tert butyl alcohol

Concen: 5.811 ug/l

RT: 2.69 min Scan# 219

Delta R.T. 0.00 min

Lab File: VF059877.D

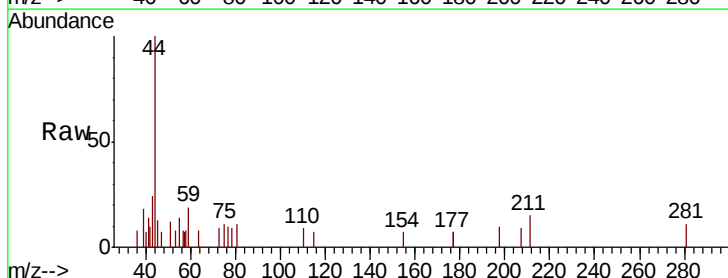
Acq: 4 Aug 2018 11:10

Tgt Ion: 59 Resp: 386

Ion Ratio Lower Upper

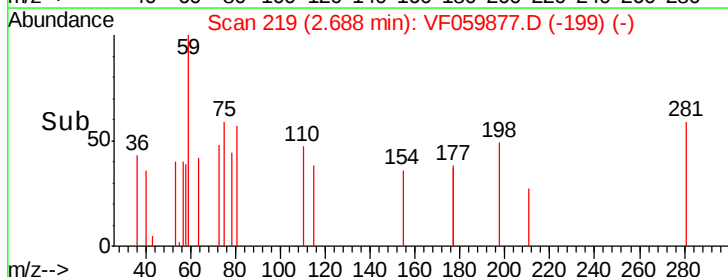
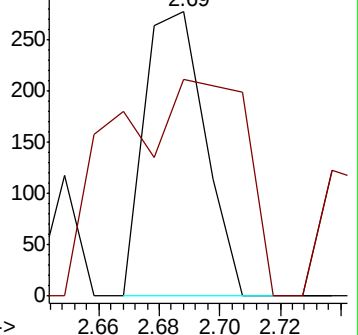
59 100

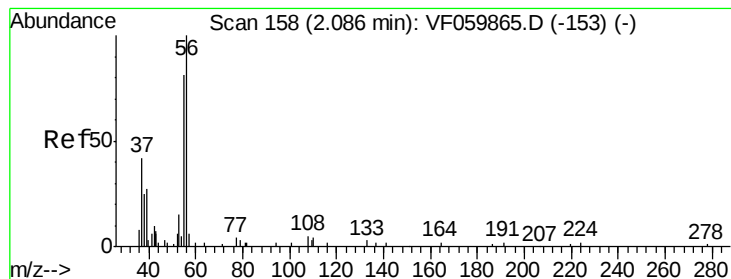
57 76.2 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#13

Acrolein

Concen: 2.638 ug/l

RT: 1.96 min Scan# 145

Delta R.T. -0.13 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

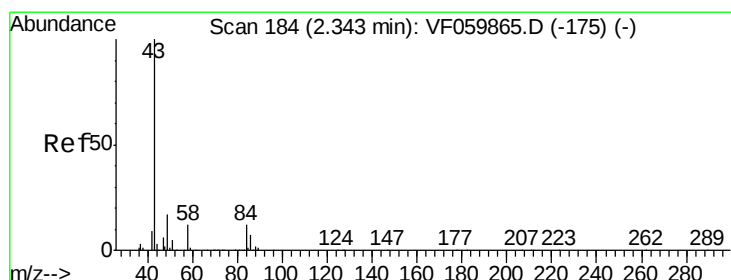
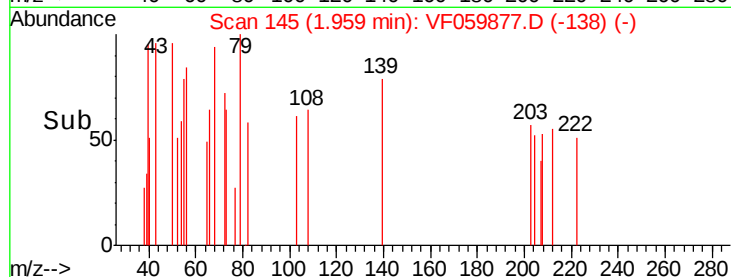
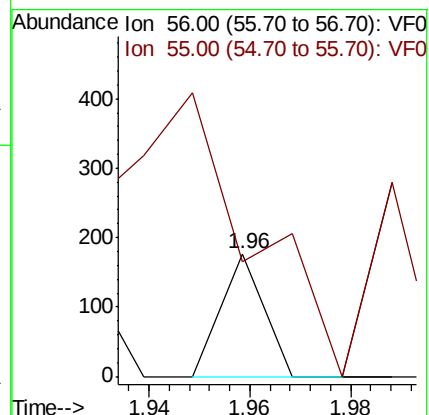
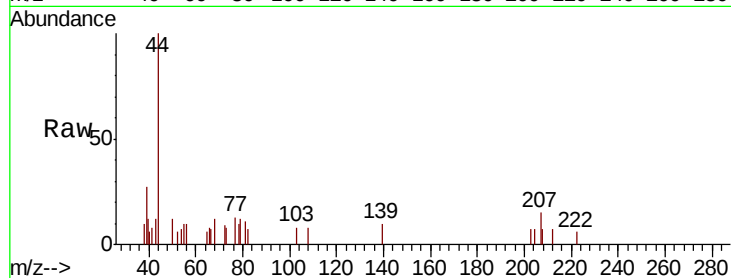
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 56 Resp: 105

Ion Ratio Lower Upper

56 100

55 93.8 64.6 96.8



#16

Acetone

Concen: 28.563 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF059877.D

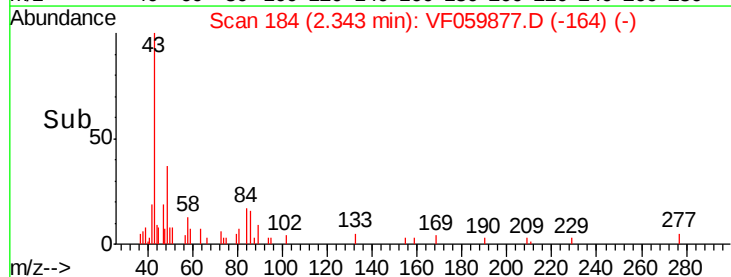
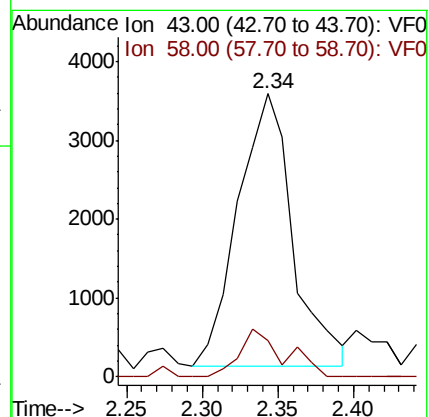
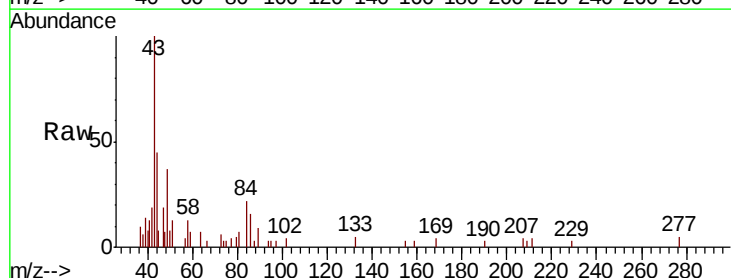
Acq: 4 Aug 2018 11:10

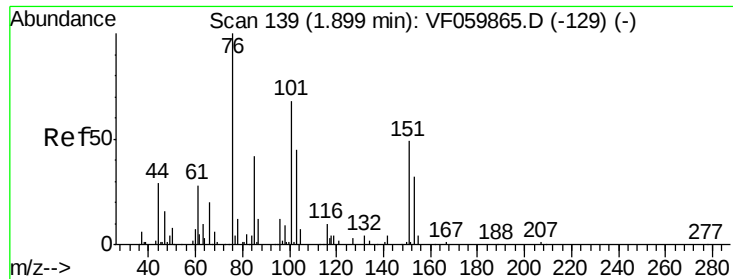
Tgt Ion: 43 Resp: 8683

Ion Ratio Lower Upper

43 100

58 12.9 9.4 14.0

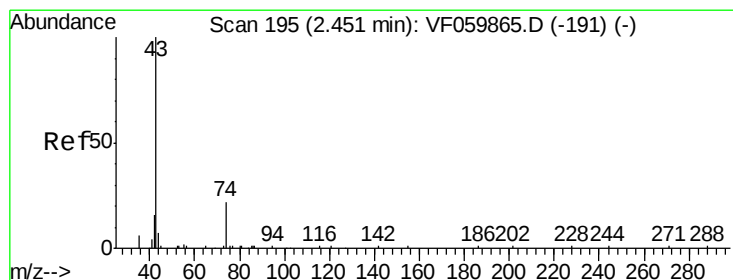
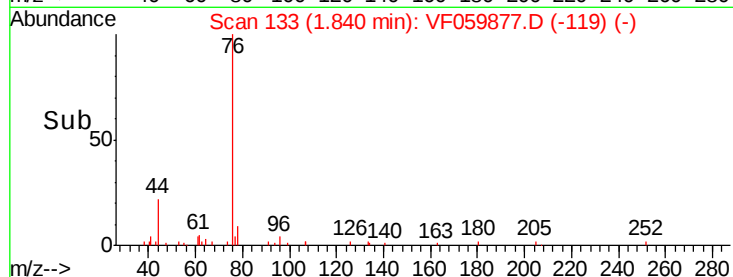
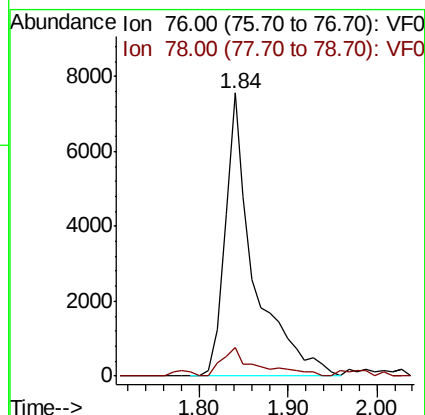
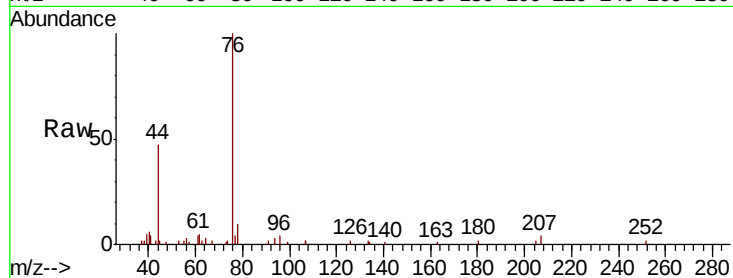




#17
Carbon Disulfide
Concen: 7.792 ug/l
RT: 1.84 min Scan# 133
Delta R.T. -0.06 min
Lab File: VF059877.D
Acq: 4 Aug 2018 11:10

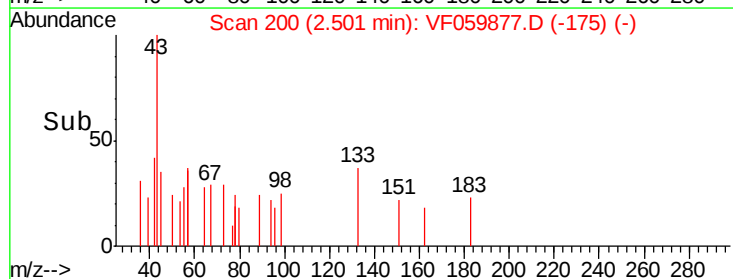
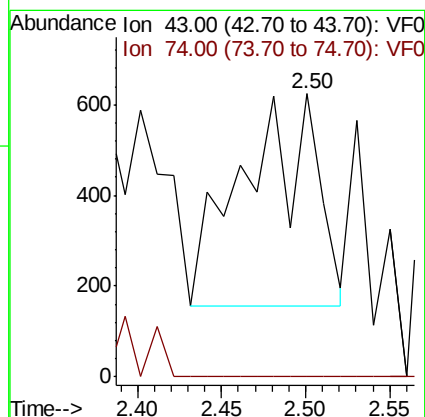
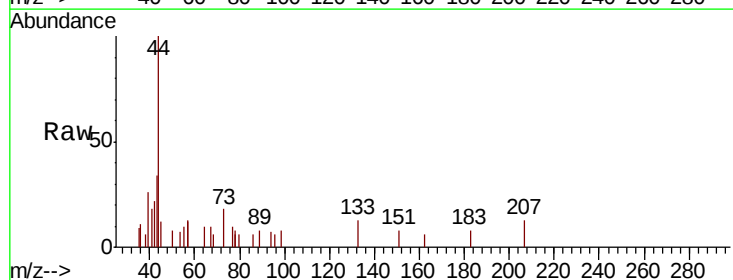
Instrument :
MSVOA_F
ClientSampleId :

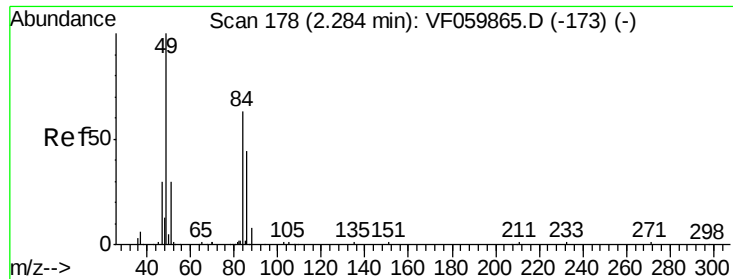
Tot Ion: 76 Resp: 16972
Ion Ratio Lower Upper
76 100
78 10.0 9.3 13.9



#18
Methyl Acetate
Concen: 2.757 ug/l
RT: 2.50 min Scan# 200
Delta R.T. 0.05 min
Lab File: VF059877.D
Acq: 4 Aug 2018 11:10

Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#

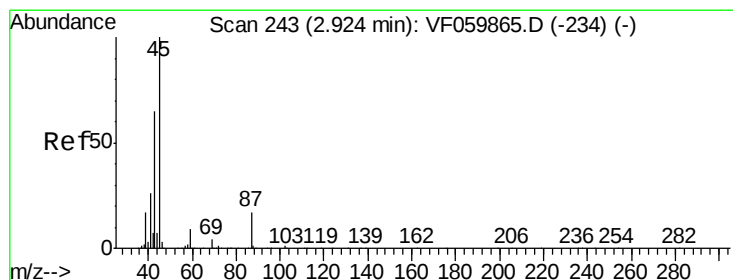
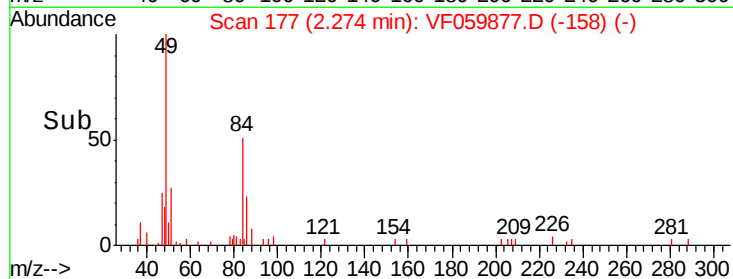
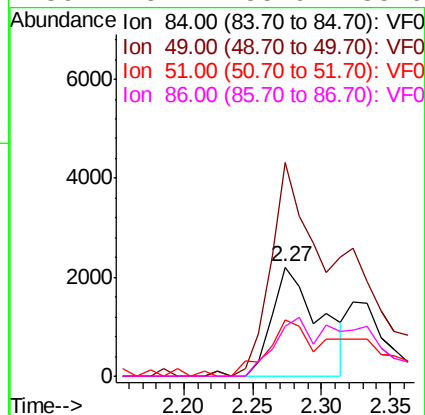
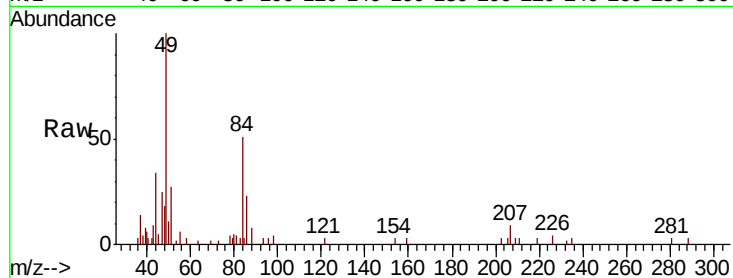




#20
Methvlene Chloride
Concen: 1.255 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.01 min
Lab File: VF059877.D
Acq: 4 Aug 2018 11:10

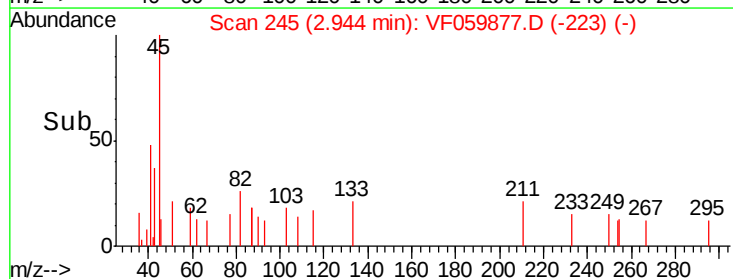
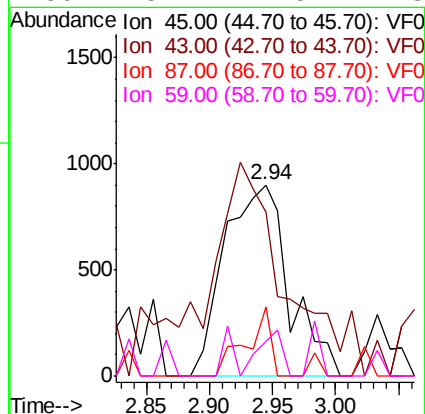
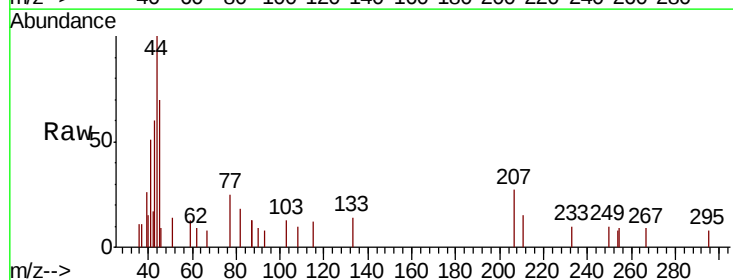
Instrument :
MSVOA_F
ClientSampleId :

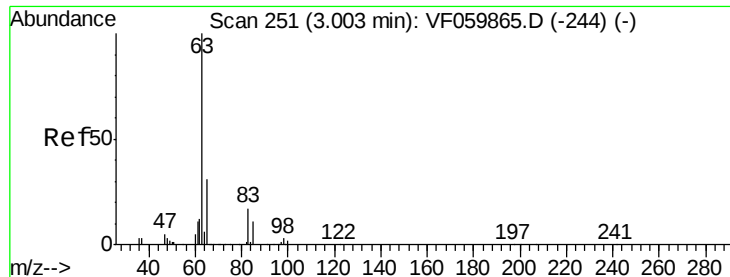
Tot Ion: 84 Resp: 5394
Ion Ratio Lower Upper
84 100
49 195.6 128.7 193.1#
51 52.1 39.3 58.9
86 45.4 55.9 83.9#



#22
Diisopropyl ether
Concen: 1.235 ug/l
RT: 2.94 min Scan# 245
Delta R.T. 0.02 min
Lab File: VF059877.D
Acq: 4 Aug 2018 11:10

Tgt Ion: 45 Resp: 3231
Ion Ratio Lower Upper
45 100
43 85.8 52.1 78.1#
87 36.2 13.8 20.8#
59 18.1 7.5 11.3#





#24

1,1-Dichloroethane

Concen: 1.707 ug/l

RT: 3.00 min Scan# 251

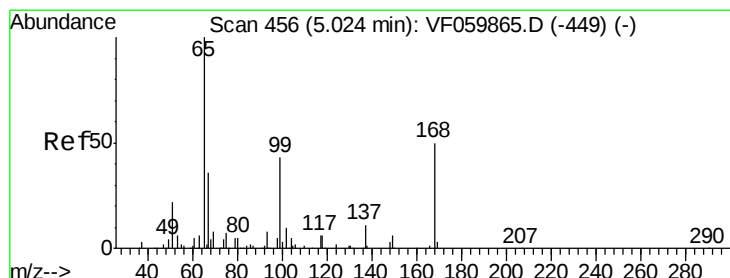
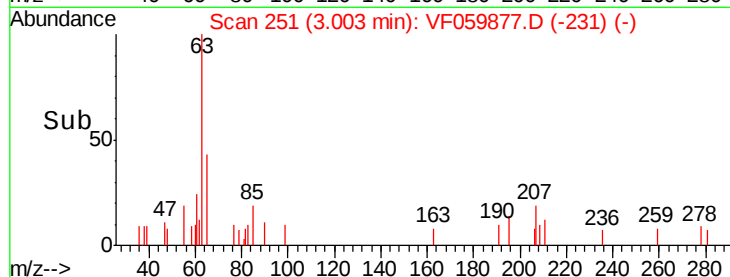
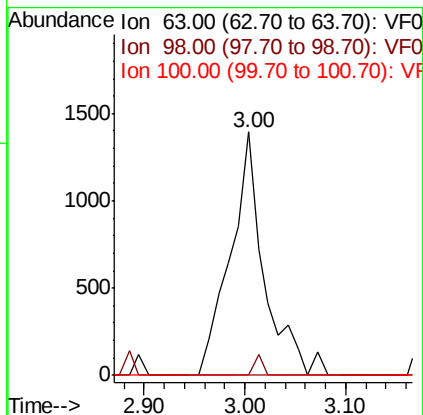
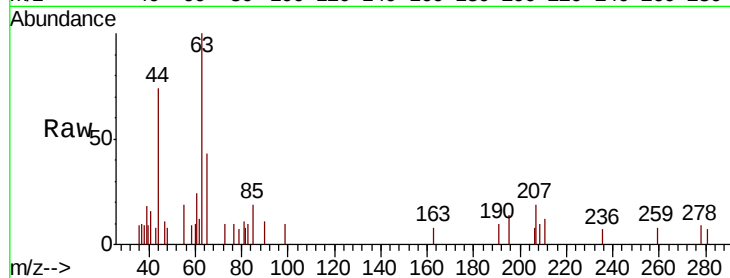
Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

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MSVOA_F
ClientSampleId :

Tot Ion:	63	Resp:	3254
Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.9	5.7#
100	0.0	1.1	3.5#



#33

1,2-Dichloroethane-d4

Concen: 83.340 ug/l

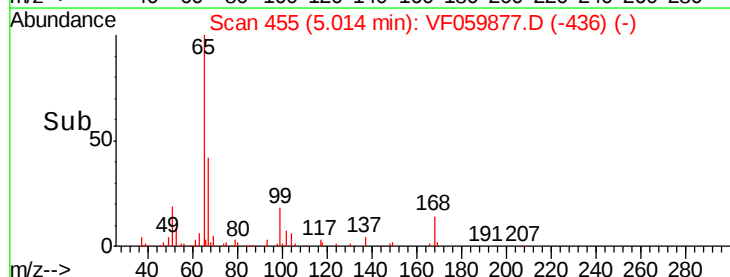
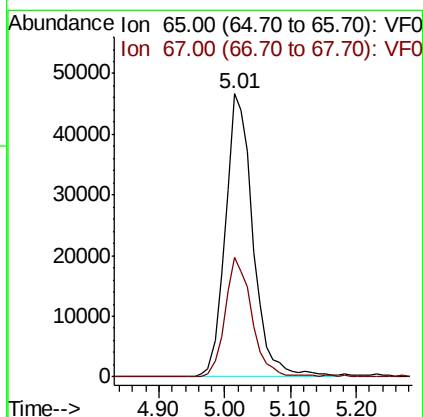
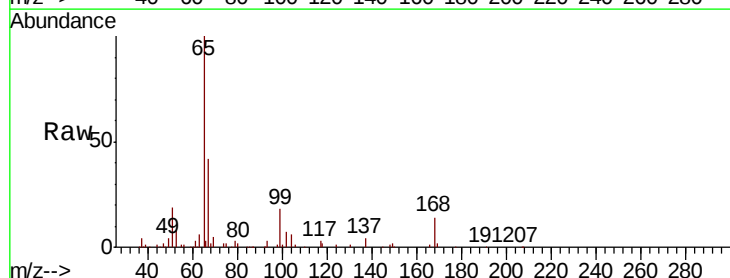
RT: 5.01 min Scan# 455

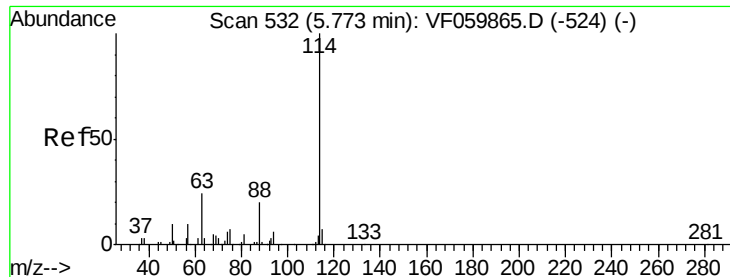
Delta R.T. -0.01 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Tgt Ion:	65	Resp:	137237
Ion	Ratio	Lower	Upper
65	100		
67	42.3	0.0	77.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

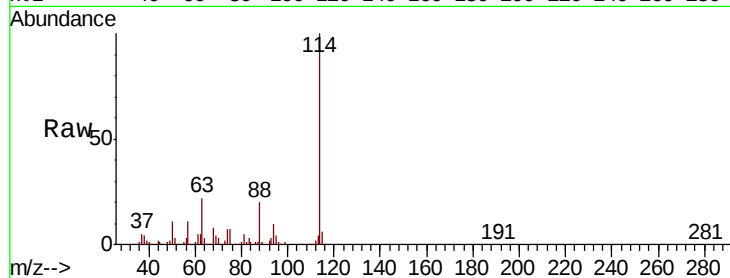
Tot Ion:114 Resp: 124324

Ion Ratio Lower Upper

114 100

63 21.7 0.0 48.0

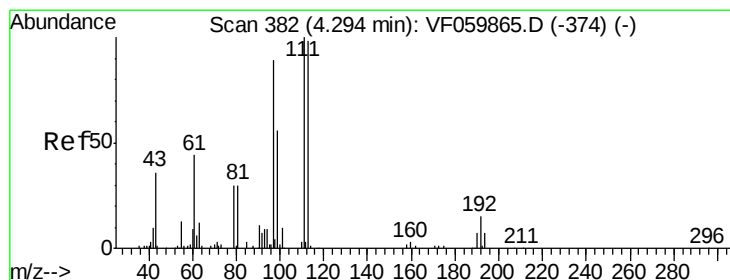
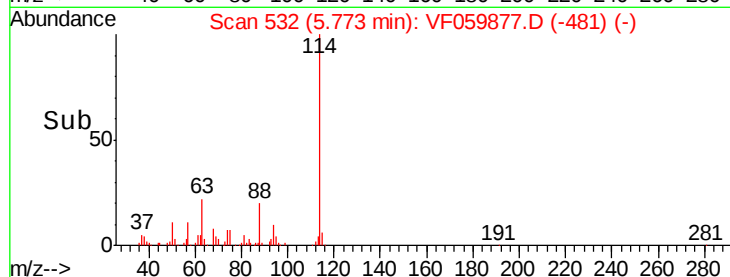
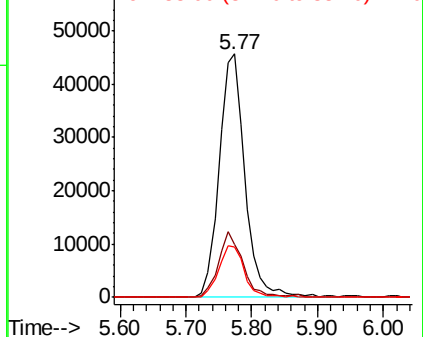
88 20.5 0.0 39.4



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: 90.254 ug/l

RT: 4.29 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

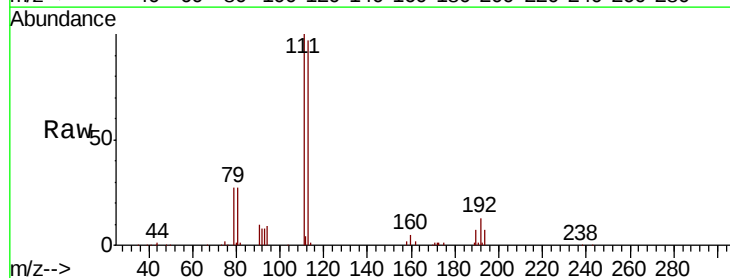
Tgt Ion:113 Resp: 111641

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

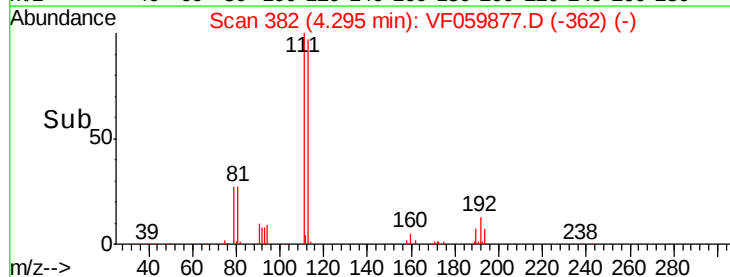
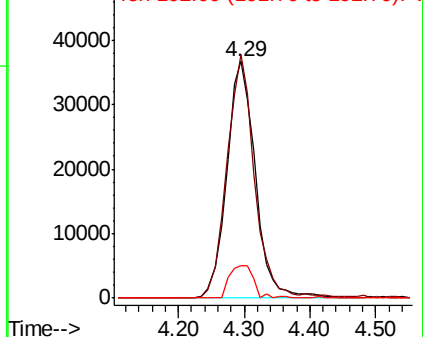
192 13.5 12.4 18.6

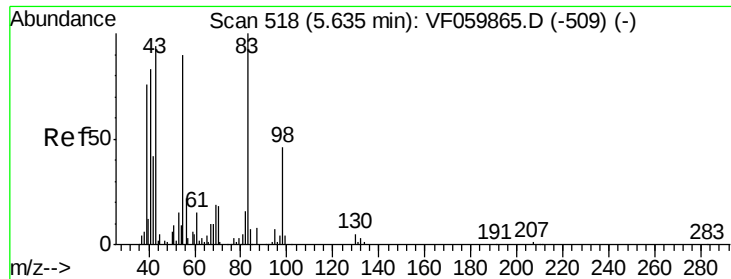


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

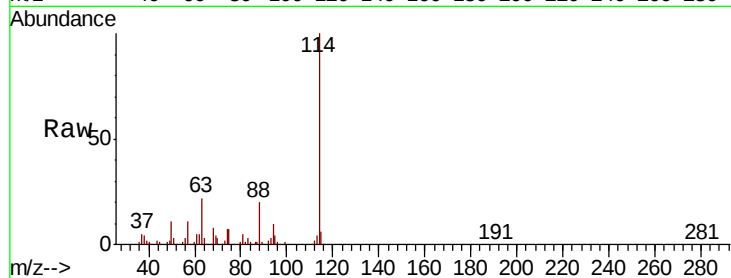




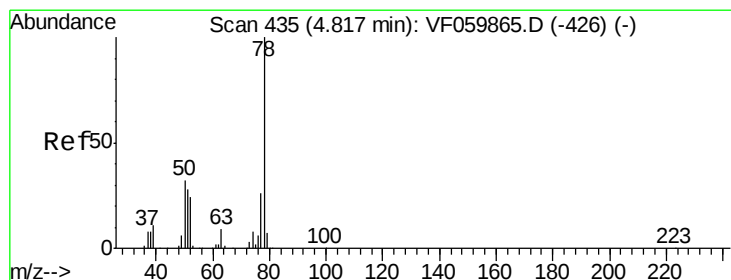
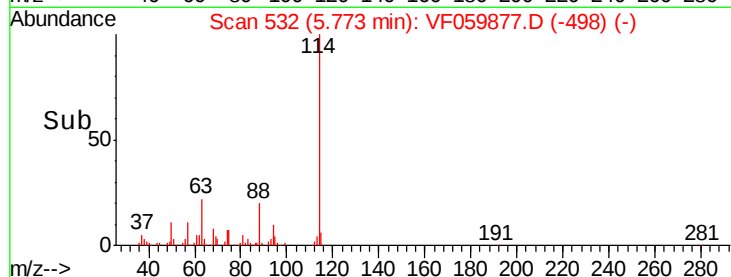
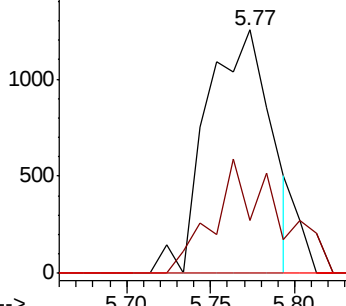
#39
Methylcyclohexane
Concen: 3.088 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.14 min
Lab File: VF059877.D
Acq: 4 Aug 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 83 Resp: 3330
Ion Ratio Lower Upper
83 100
55 21.9 72.0 108.0#
98 0.0 36.6 54.8#

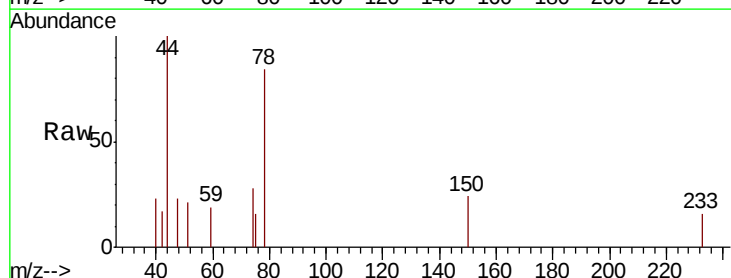


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

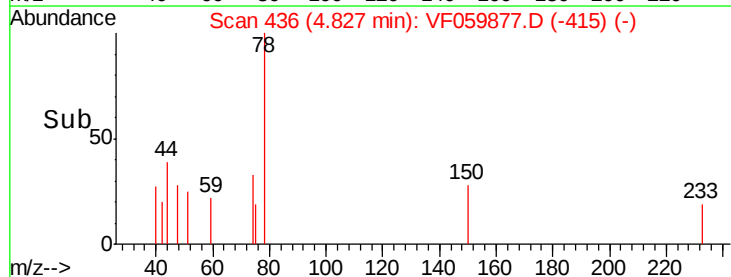
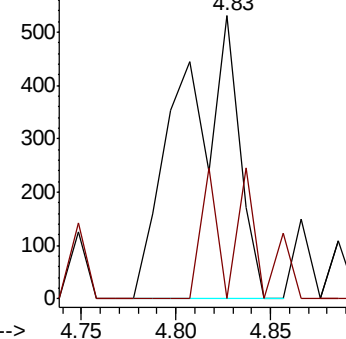


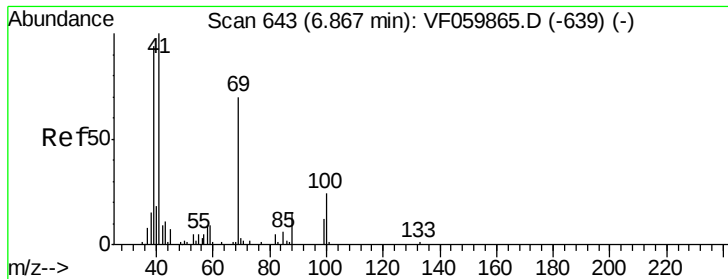
#40
Benzene
Concen: Below Cal
RT: 4.83 min Scan# 436
Delta R.T. 0.01 min
Lab File: VF059877.D
Acq: 4 Aug 2018 11:10

Tgt Ion: 78 Resp: 1123
Ion Ratio Lower Upper
78 100
77 0.0 20.7 31.1#



Abundance Ion 78.10 (77.80 to 78.80): VF0
Ion 77.00 (76.70 to 77.70): VF0





#49

1,4-Dioxane

Concen: 100.614 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.01 min

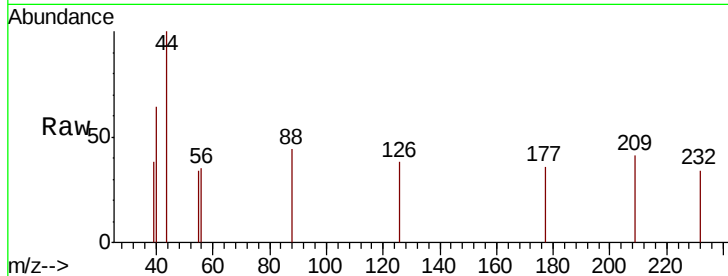
Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

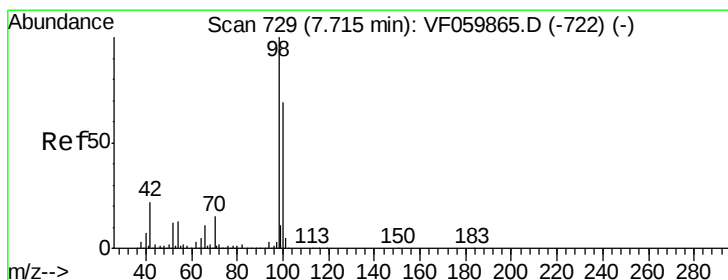
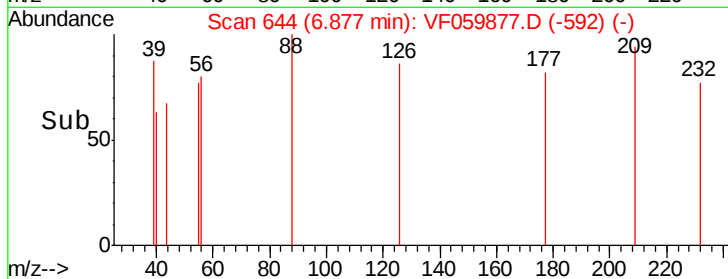
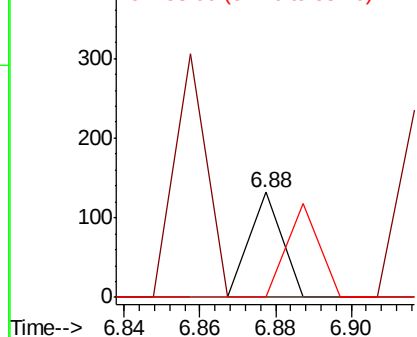
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	0.0	58.3	87.5#
58	0.0	49.4	74.2#



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



#50

Toluene-d8

Concen: 32.954 ug/l

RT: 7.72 min Scan# 729

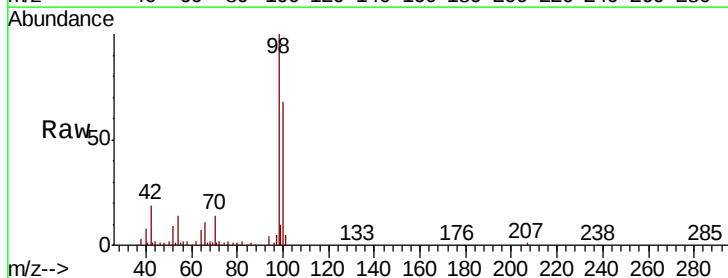
Delta R.T. 0.00 min

Lab File: VF059877.D

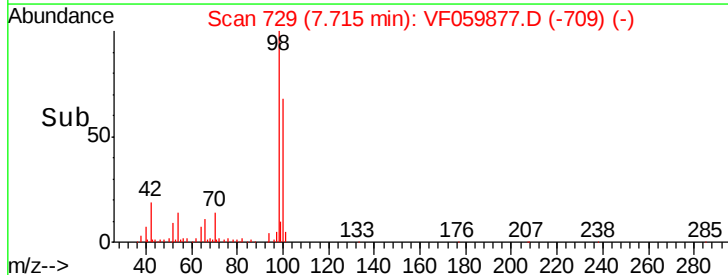
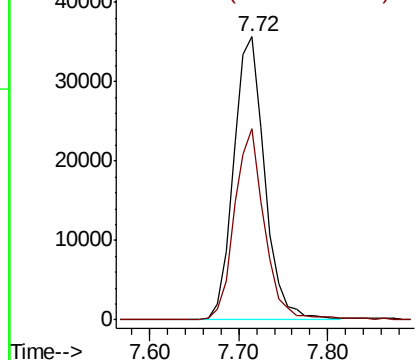
Acq: 4 Aug 2018 11:10

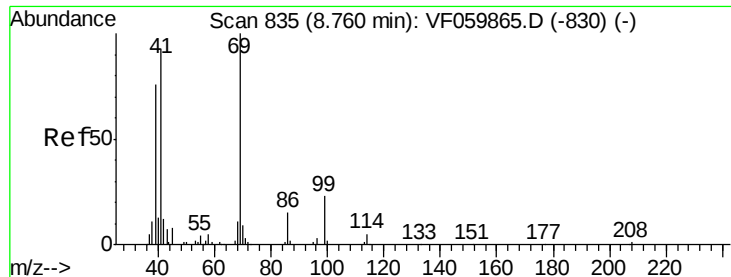
Tgt Ion: 98 Resp: 86731

Ion	Ratio	Lower	Upper
98	100		
100	67.6	55.0	82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#56

Ethyl methacrylate

Concen: 3.441 ug/l

RT: 8.89 min Scan# 848

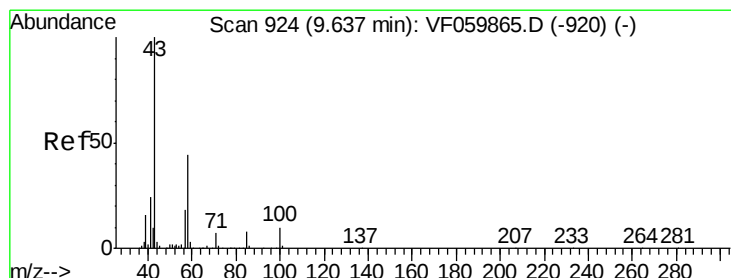
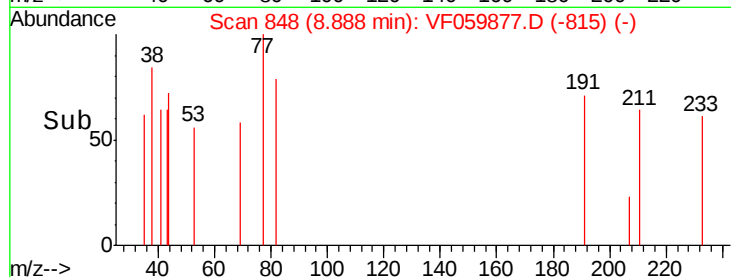
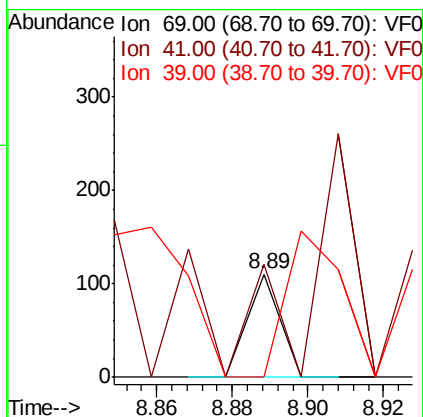
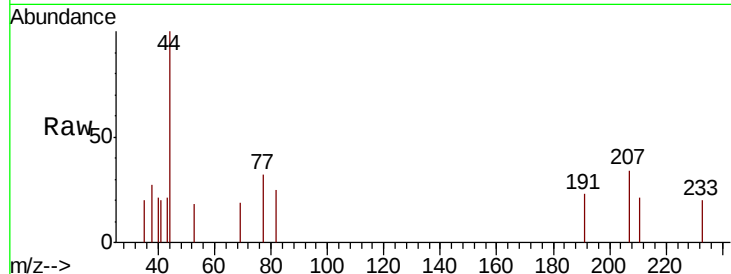
Delta R.T. 0.13 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	69	Resp:	65
Ion	Ratio	Lower	Upper
69	100		
41	110.0	74.7	112.1
39	0.0	61.1	91.7#



#59

2-Hexanone

Concen: 1.298 ug/l

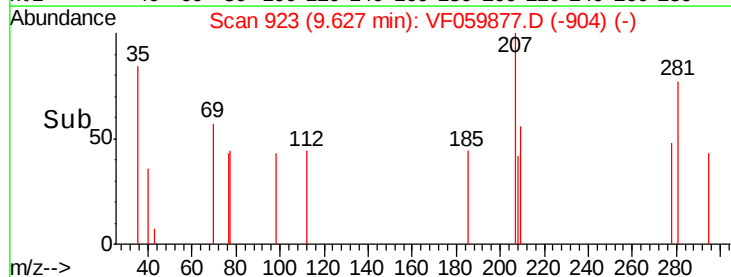
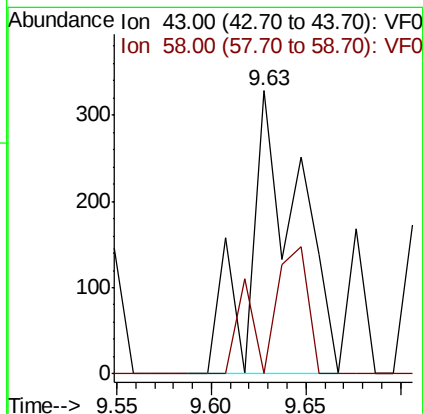
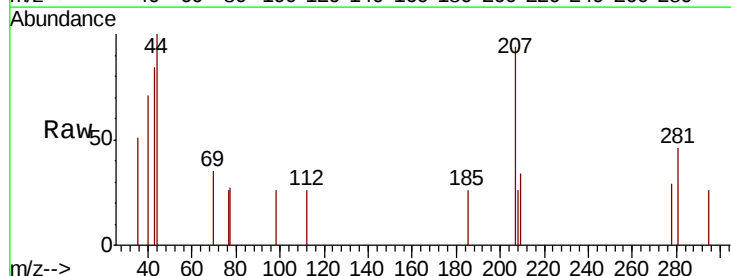
RT: 9.63 min Scan# 923

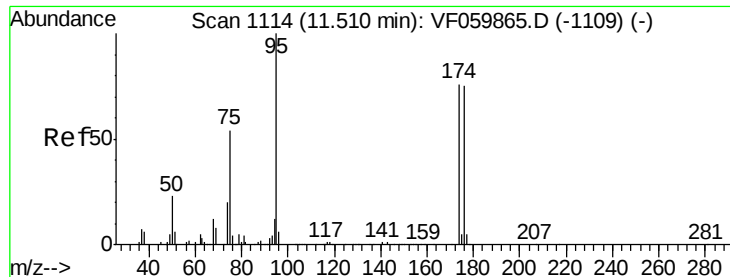
Delta R.T. -0.01 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Tgt Ion:	43	Resp:	596
Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.8	62.2#





#62

4-Bromofluorobenzene

Concen: 5.485 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

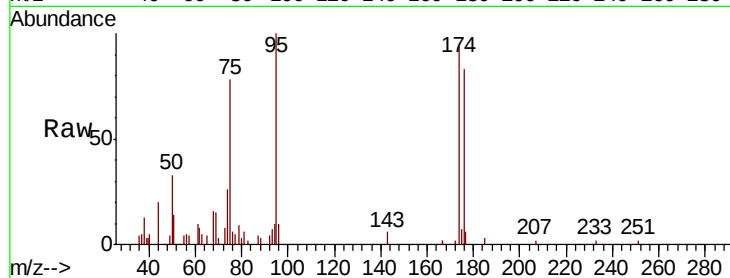
Tot Ion: 95 Resp: 8112

Ion Ratio Lower Upper

95 100

174 93.6 0.0 151.6

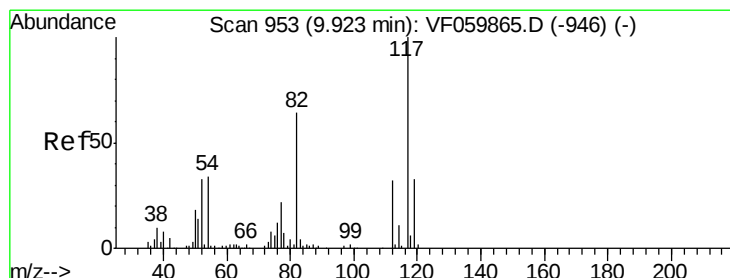
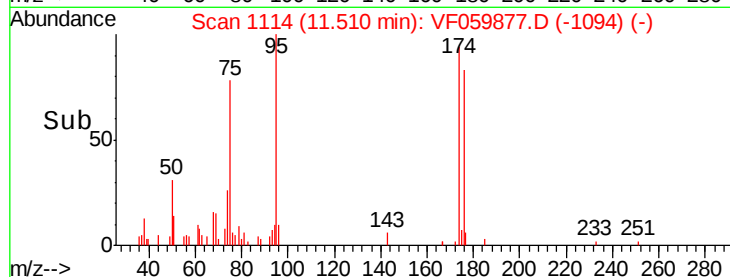
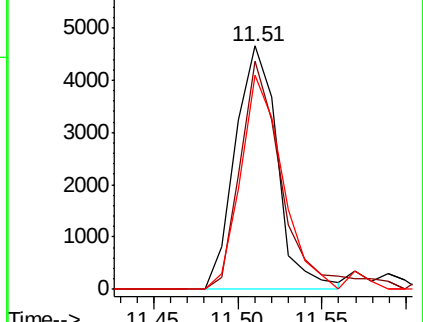
176 88.1 0.0 149.8



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: 9.92 min Scan# 953

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

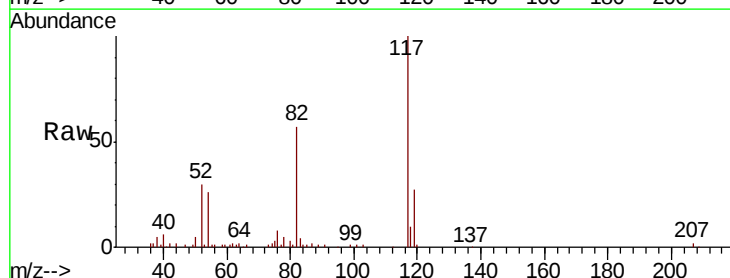
Tgt Ion: 117 Resp: 53827

Ion Ratio Lower Upper

117 100

82 57.0 51.3 76.9

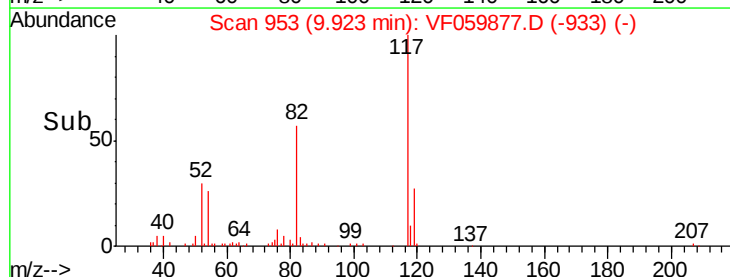
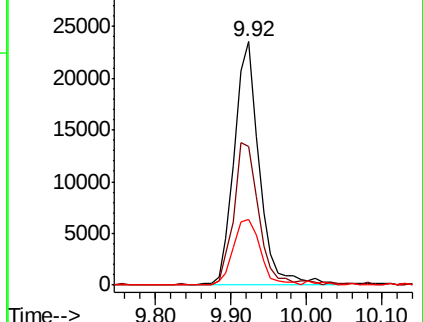
119 26.8 26.4 39.6

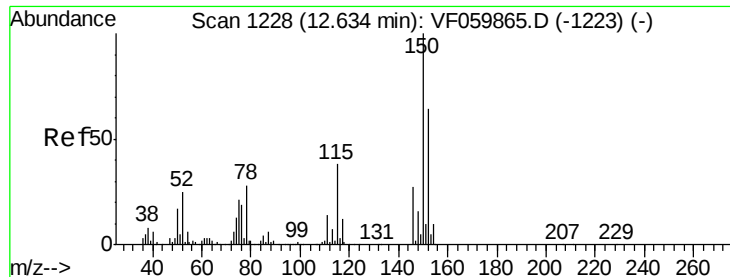


Abundance Ion 117.00 (116.70 to 117.70): V

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# 1228

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

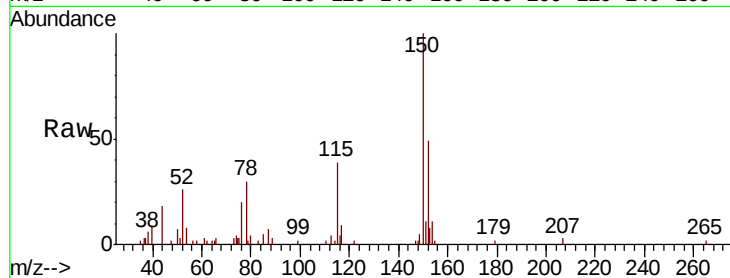
Tot Ion:152 Resp: 4627

Ion Ratio Lower Upper

152 100

115 79.5 29.8 89.4

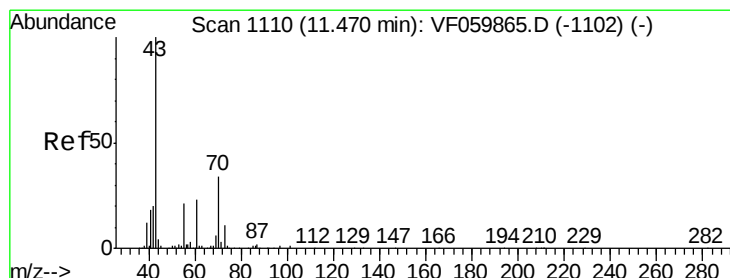
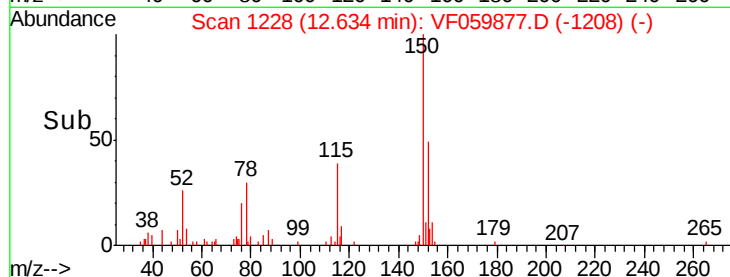
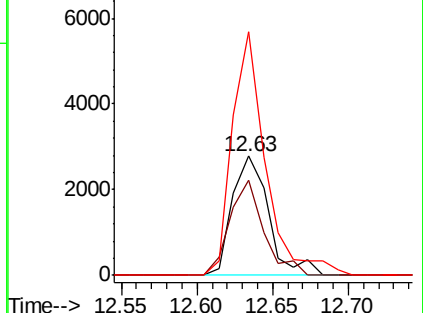
150 204.8 0.0 315.6



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: 10.201 ug/l

RT: 11.47 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Tgt Ion: 43 Resp: 549

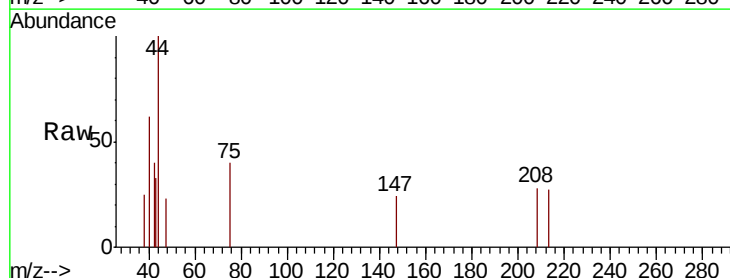
Ion Ratio Lower Upper

43 100

70 0.0 27.5 41.3#

55 0.0 16.6 25.0#

61 0.0 18.2 27.4#

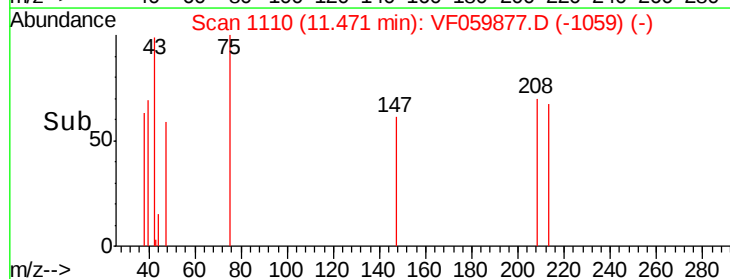
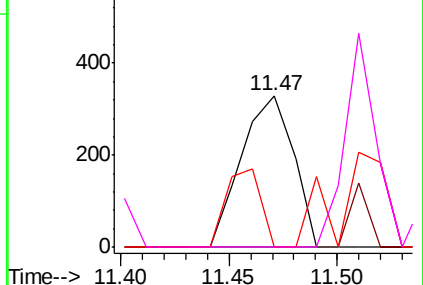


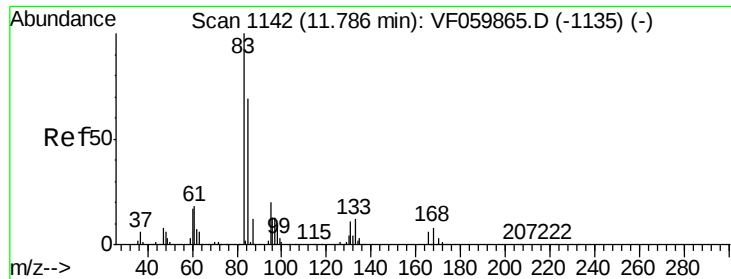
Abundance Ion 43.00 (42.70 to 43.70): VF0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 1.238 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. 0.08 min

Lab File: VF059877.D

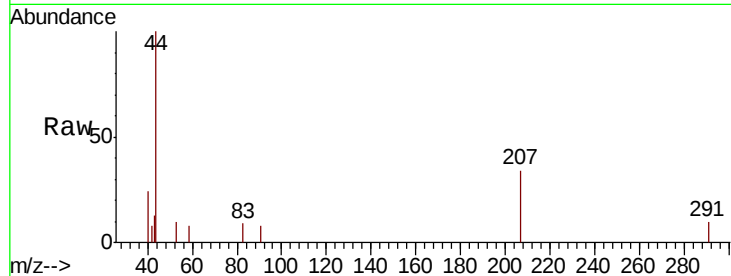
Acq: 4 Aug 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

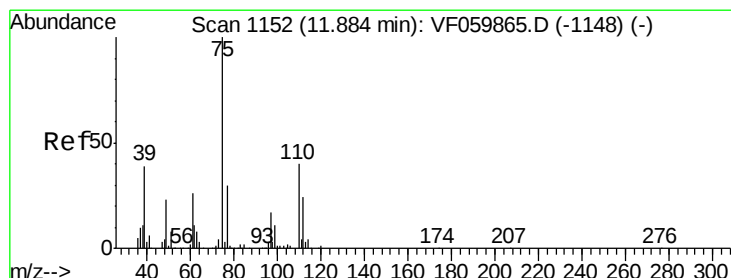
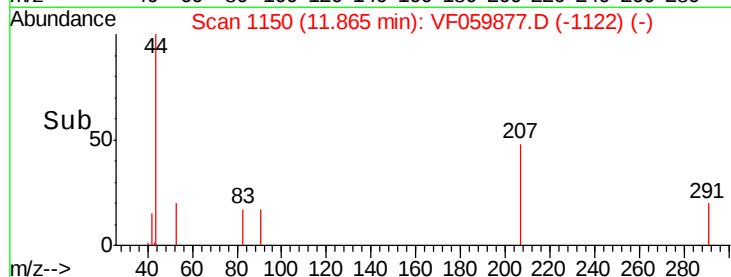
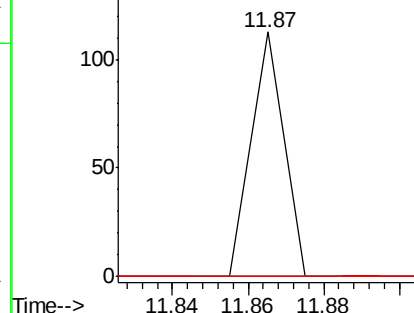
Tot Ion	83	Resp	67
Ion Ratio	100		
Lower		5.3	15.9#
Upper		34.5	103.5#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 1.764 ug/l

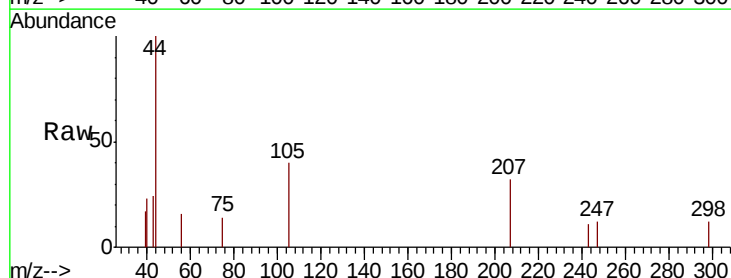
RT: 11.91 min Scan# 1155

Delta R.T. 0.03 min

Lab File: VF059877.D

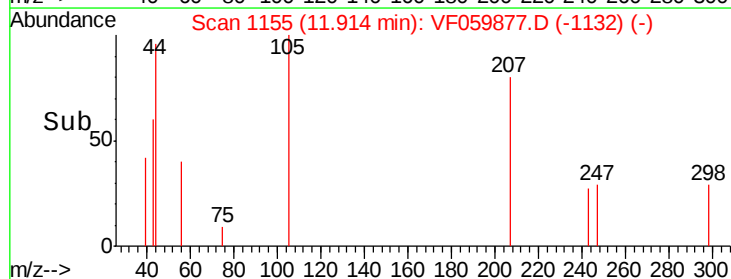
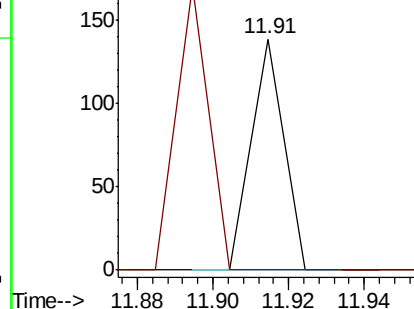
Acq: 4 Aug 2018 11:10

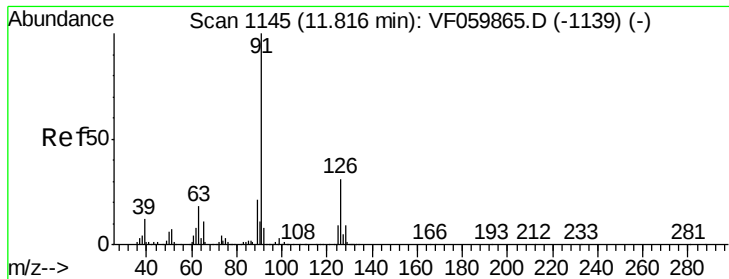
Tgt Ion	75	Resp	82
Ion Ratio	100		
Lower		15.4	46.2#
Upper			



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#79

2-Chlorotoluene

Concen: 1.314 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. -0.13 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Instrument :

MSVOA_F

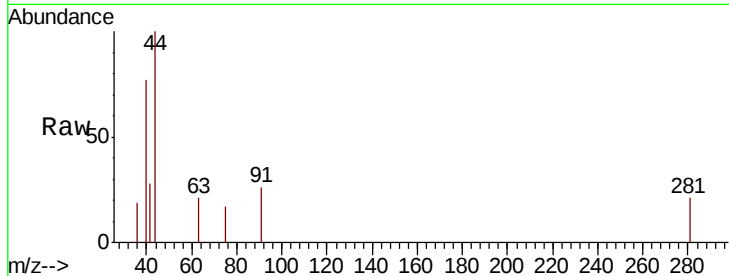
ClientSampled :

Tot Ion: 91 Resp: 283

Ion Ratio Lower Upper

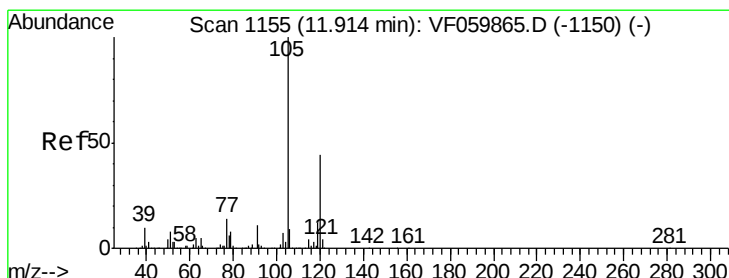
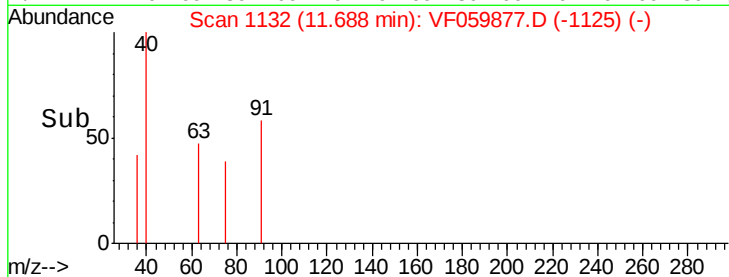
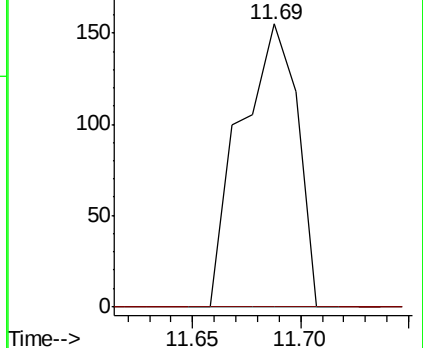
91 100

126 0.0 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.405 ug/l

RT: 11.91 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VF059877.D

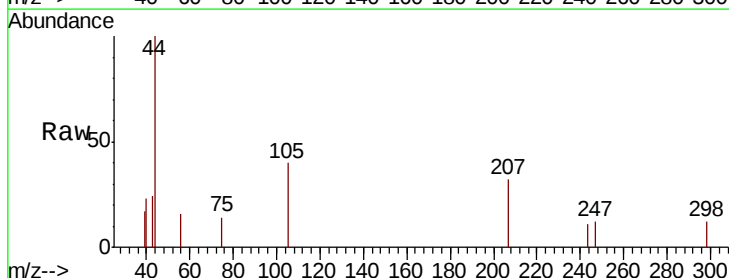
Acq: 4 Aug 2018 11:10

Tgt Ion:105 Resp: 376

Ion Ratio Lower Upper

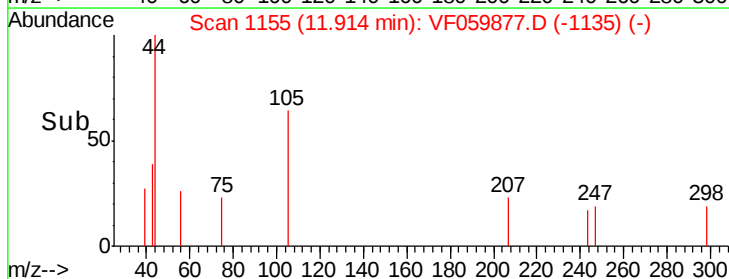
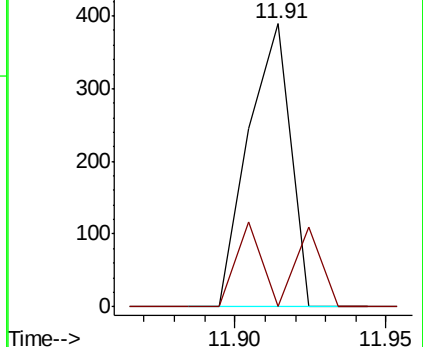
105 100

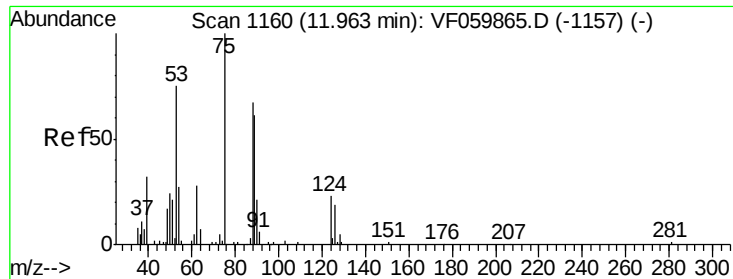
120 0.0 21.9 65.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.912 ug/l

RT: 11.91 min Scan# 1155

Delta R.T. -0.05 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

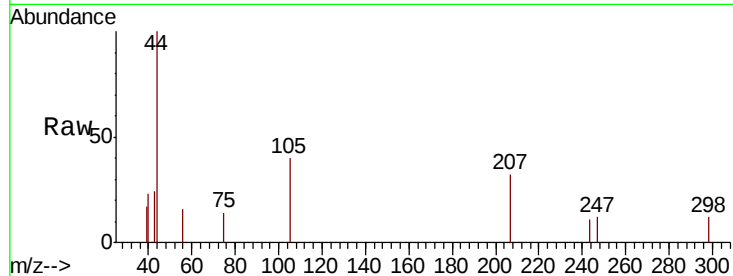
Tot Ion: 75 Resp: 82

Ion Ratio Lower Upper

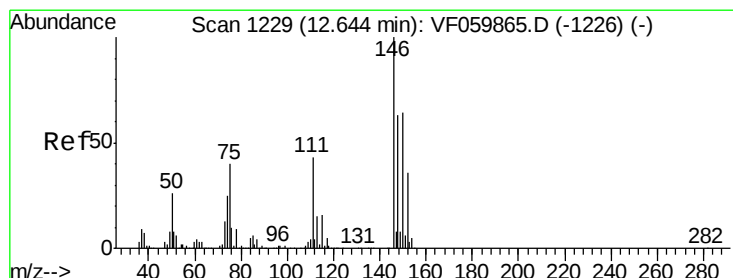
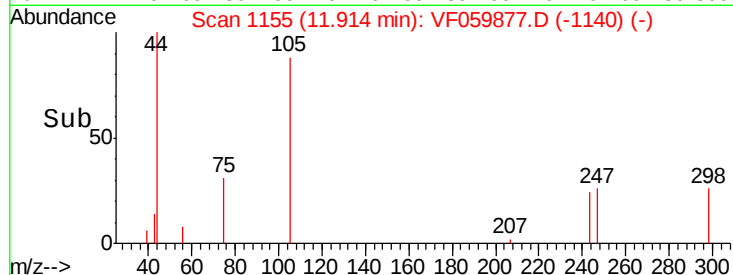
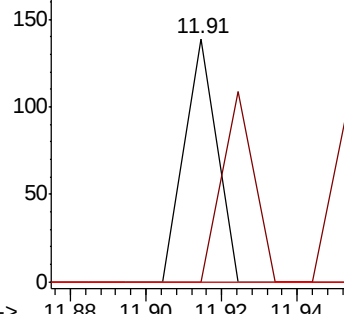
75 100

53 0.0 65.9 98.9#

89 0.0 50.6 76.0#



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: 2.847 ug/l

RT: 12.64 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

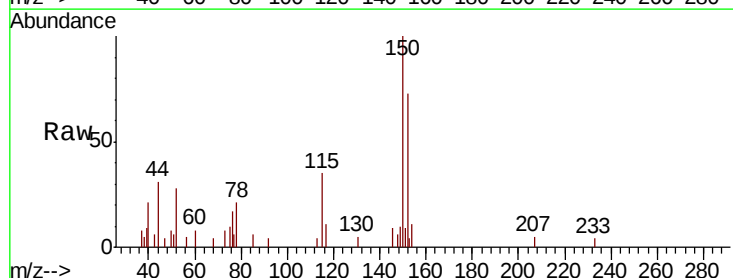
Tgt Ion: 146 Resp: 415

Ion Ratio Lower Upper

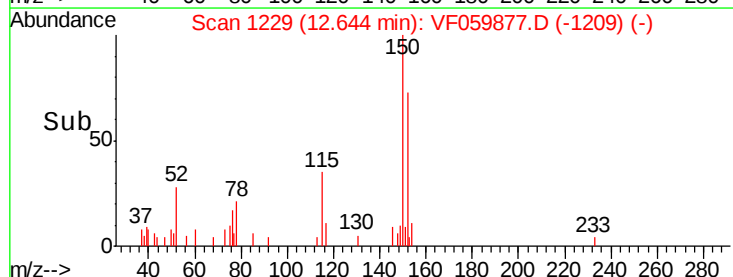
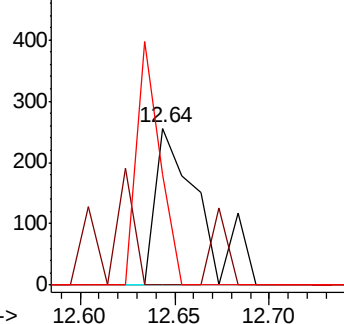
146 100

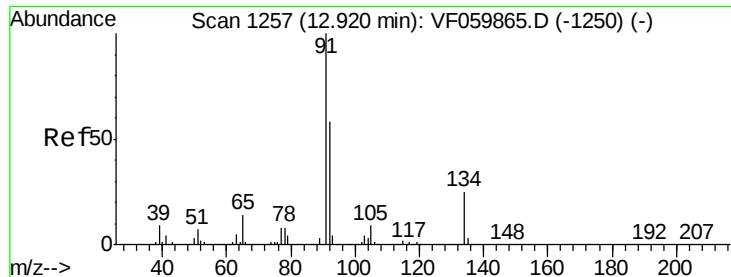
111 0.0 21.4 64.2#

148 70.3 31.6 94.7



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: 1.122 ug/l

RT: 12.92 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Instrument :

MSVOA_F

ClientSampled :

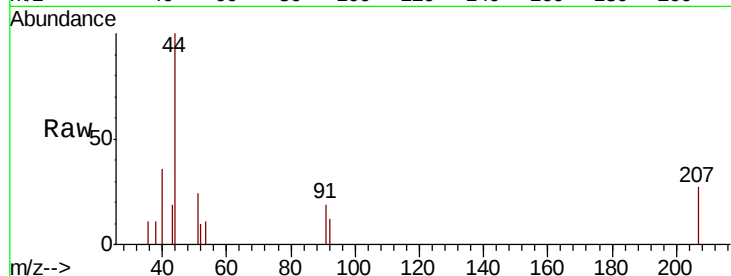
Tot Ion: 91 Resp: 311

Ion Ratio Lower Upper

91 100

92 66.7 28.8 86.5

134 0.0 12.6 37.6#



Abundance Ion 91.00 (90.70 to 91.70): VF0

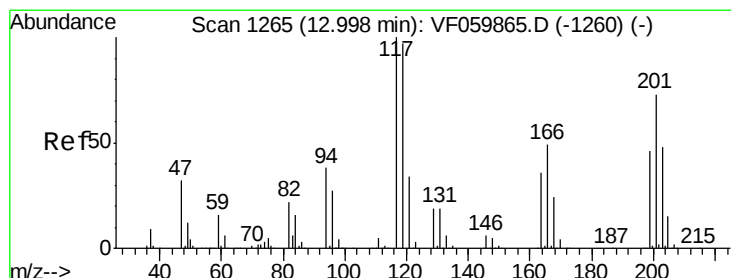
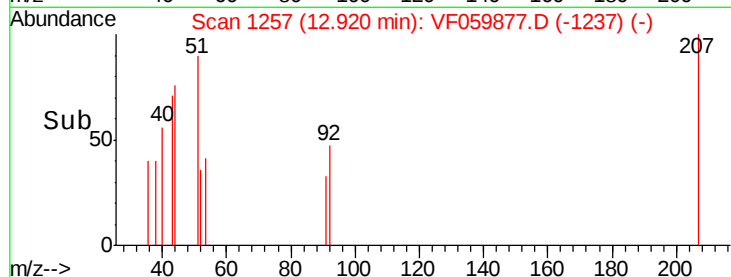
Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

12.92

12.95

Time-->



#90

Hexachloroethane

Concen: 1.196 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VF059877.D

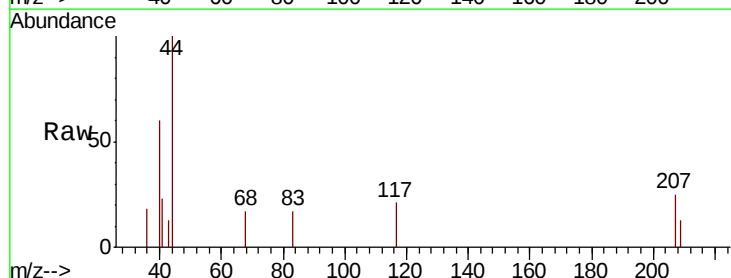
Acq: 4 Aug 2018 11:10

Tgt Ion: 117 Resp: 96

Ion Ratio Lower Upper

117 100

201 0.0 36.6 109.8#



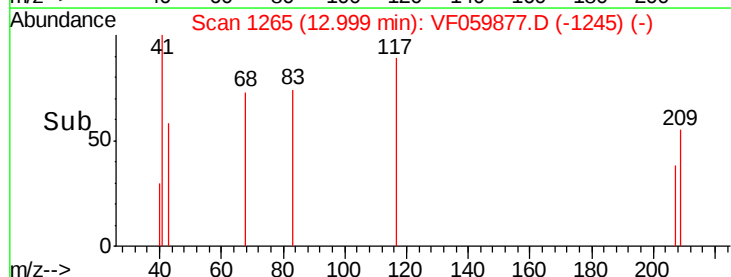
Abundance Ion 117.00 (116.70 to 117.70): V

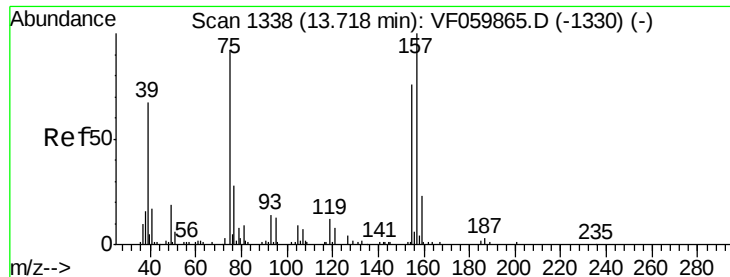
Ion 201.00 (200.70 to 201.70): V

13.00

13.02

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 10.483 ug/l

RT: 13.73 min Scan# 1339

Delta R.T. 0.01 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

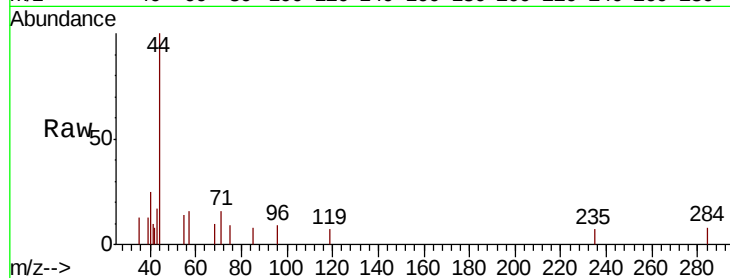
Tot Ion: 75 Resp: 143

Ion Ratio Lower Upper

75 100

155 0.0 41.2 123.6#

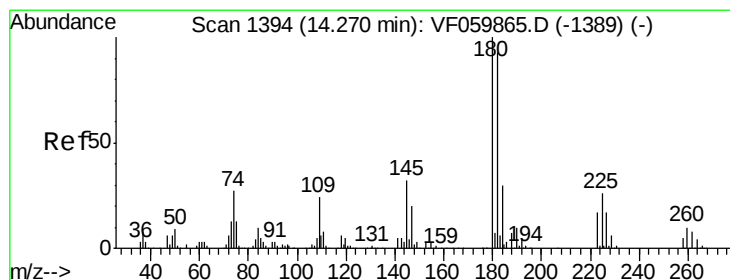
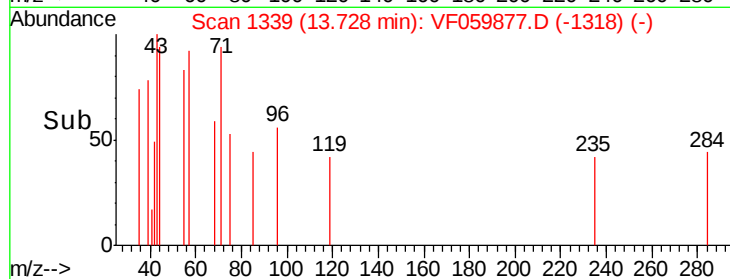
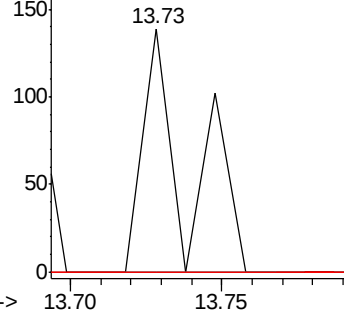
157 0.0 54.5 163.6#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



#93

1,2,4-Trichlorobenzene

Concen: 4.240 ug/l

RT: 14.26 min Scan# 1393

Delta R.T. -0.01 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

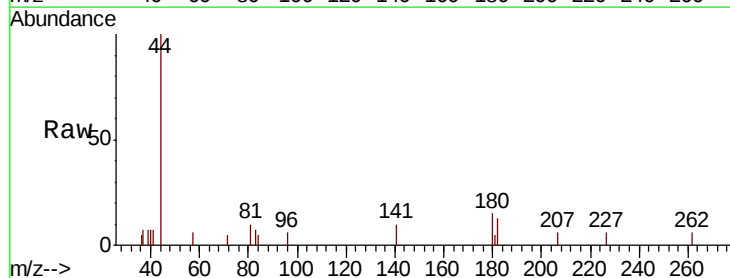
Tgt Ion: 180 Resp: 460

Ion Ratio Lower Upper

180 100

182 85.3 46.4 139.2

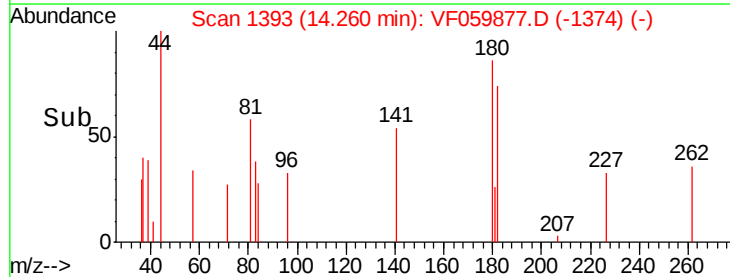
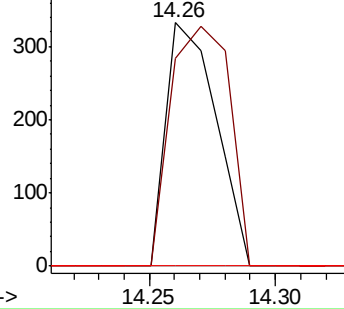
145 0.0 15.9 47.7#

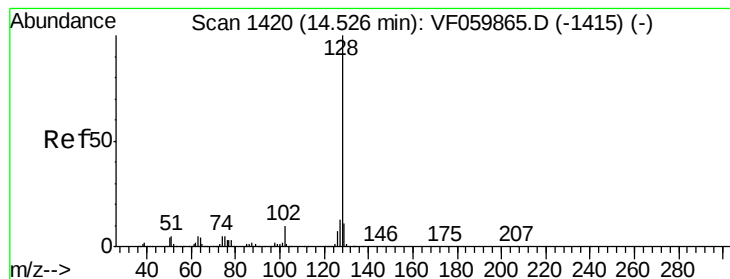


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#95

Naphthalene

Concen: 9.407 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

Instrument :

MSVOA_F

ClientSampleId :

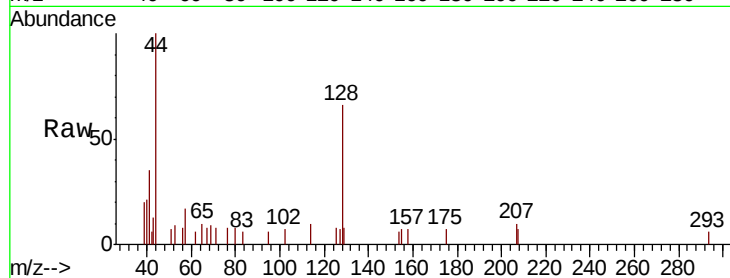
Tot Ion:128 Resp: 1767

Ion Ratio Lower Upper

128 100

127 11.2 10.4 15.6

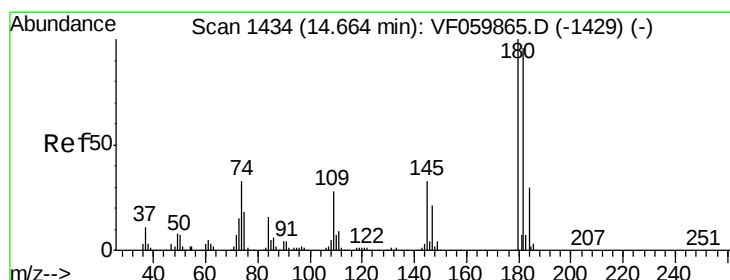
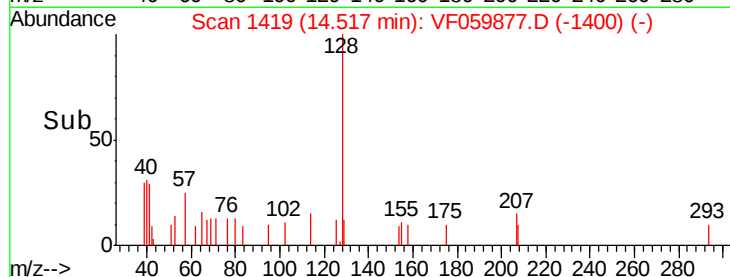
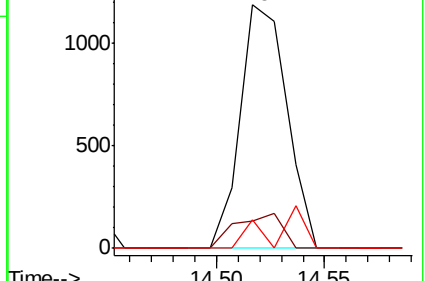
129 11.7 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.165 ug/l

RT: 14.66 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VF059877.D

Acq: 4 Aug 2018 11:10

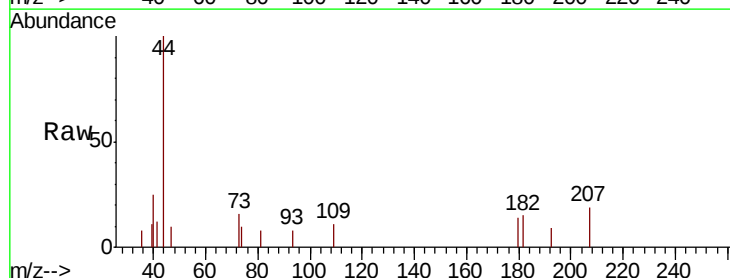
Tgt Ion:180 Resp: 232

Ion Ratio Lower Upper

180 100

182 103.9 48.1 144.3

145 0.0 16.6 49.8#



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

