

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059584.D
 Acq On : 20 Jul 2018 4:42
 Operator : VA/AP
 Sample : J4062-31
 Misc : 6.44g/5mL/MSVOA F/SOIL
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jul 20 07:11:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

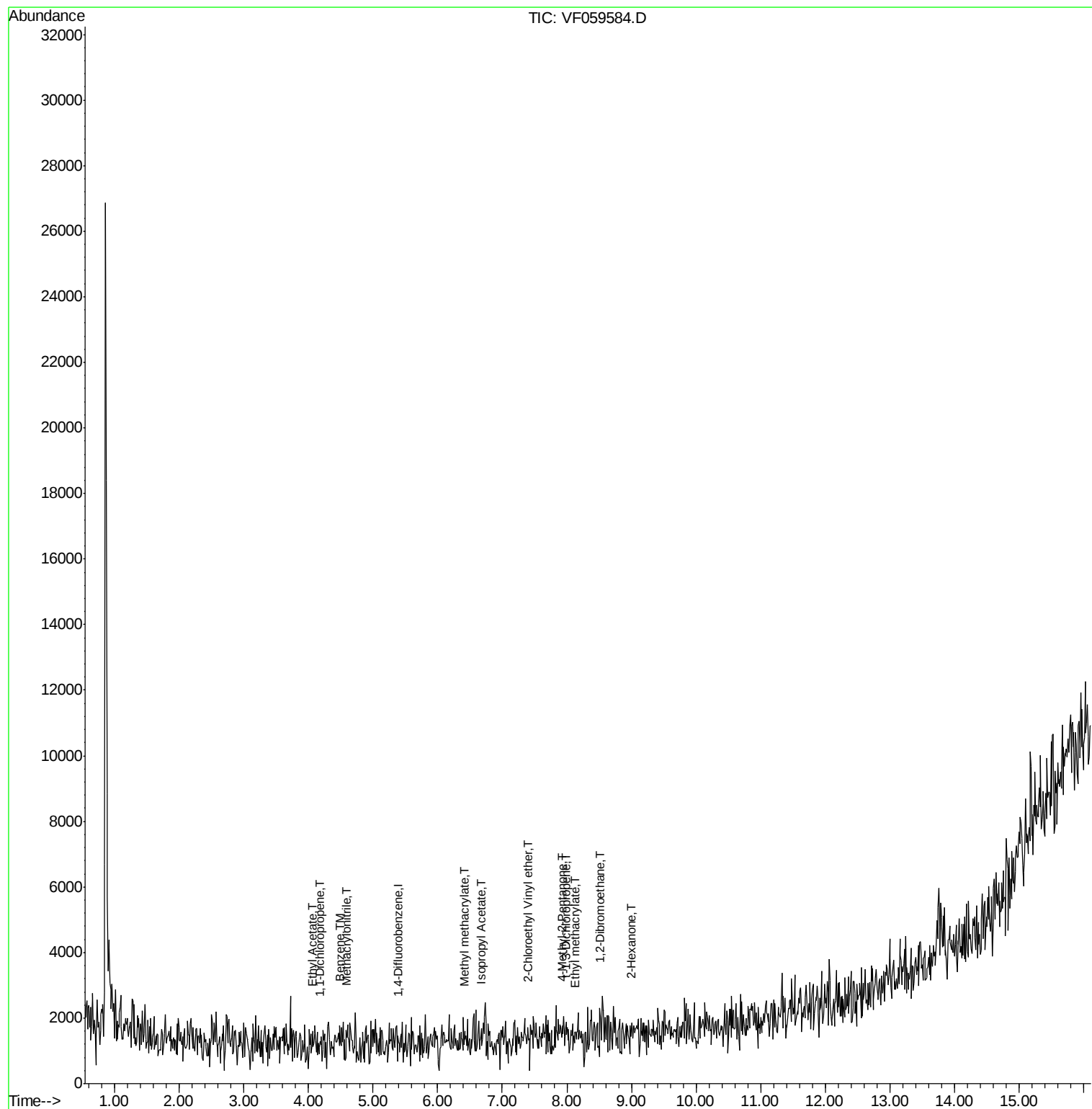
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.05
34) 1,4-Difluorobenzene	5.40	114	61	50.00	ug/l	-0.38
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.93
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	84	0.00	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
					Qvalue	
36) 1,1-Dichloropropene	4.18	75	71	116.286	ug/l #	45
37) Ethyl Acetate	4.07	43	202	687.387	ug/l #	20
40) Benzene	4.48	78	80	67.538	ug/l #	51
41) Methacrylonitrile	4.59	41	75	428.340	ug/l #	27
43) Isopropyl Acetate	6.69	43	251	572.096	ug/l #	51
48) Methyl methacrylate	6.43	41	60	191.484	ug/l #	13
51) 4-Methyl-2-Pentanone	7.93	43	133	427.653	ug/l #	67
53) t-1,3-Dichloropropene	8.00	75	66	93.098	ug/l #	43
56) Ethyl methacrylate	8.13	69	63	152.622	ug/l #	13
58) 2-Chloroethyl Vinyl ether	7.40	63	67	1838.472	ug/l #	100
59) 2-Hexanone	9.00	43	146	621.166	ug/l #	30
61) 1,2-Dibromoethane	8.51	107	87	210.647	ug/l #	2

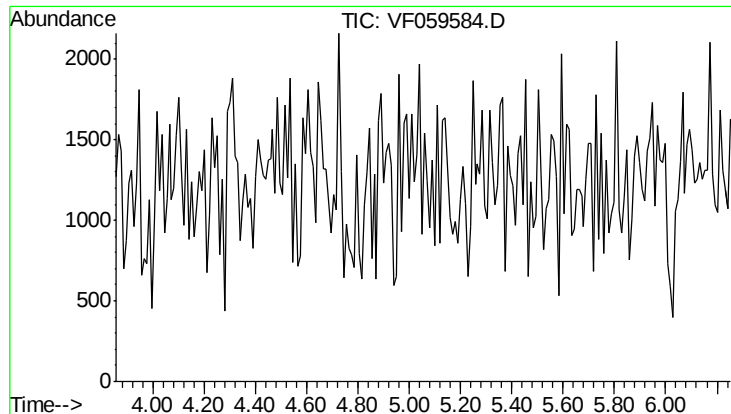
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 5.05 min

Lab File: VF059584.D

Acq: 20 Jul 2018 4:42

Tot Ion: 168

Sig Exp Ratio

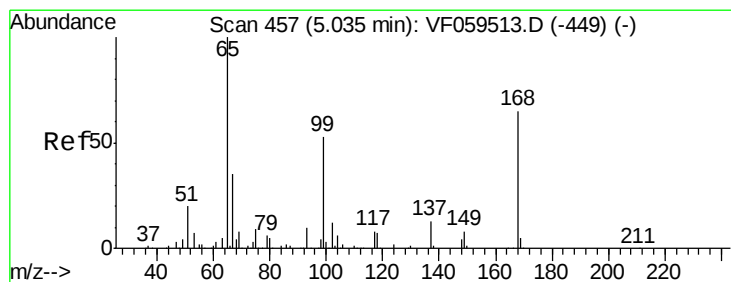
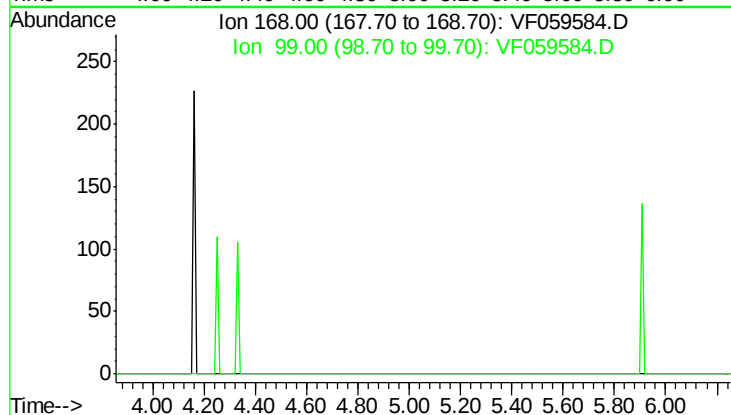
168 100

99 72.0

Instrument :

MSVOA_F

ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 4.98 min Scan# 451

Delta R.T. -0.05 min

Lab File: VF059584.D

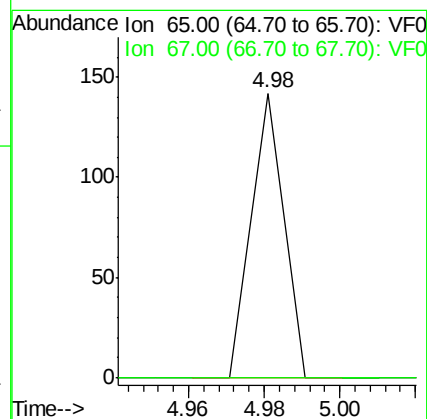
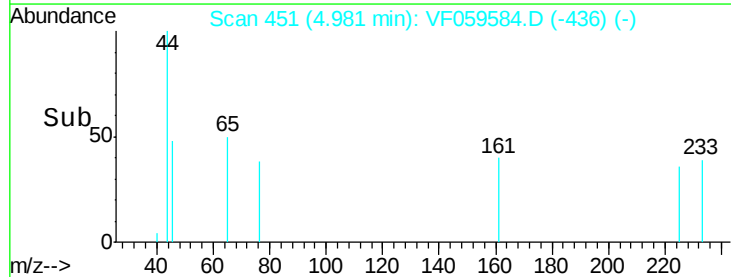
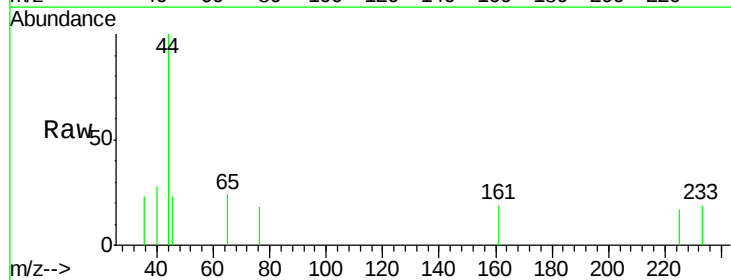
Acq: 20 Jul 2018 4:42

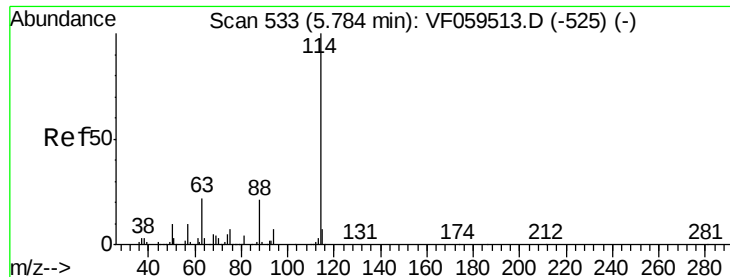
Tgt Ion: 65 Resp: 84

Ion Ratio Lower Upper

65 100

67 0.0 0.0 91.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.40 min Scan# 494

Delta R.T. -0.38 min

Lab File: VF059584.D

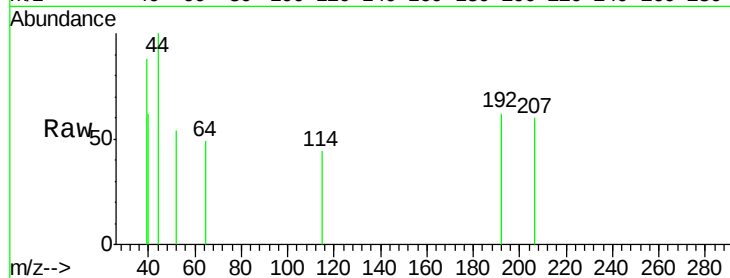
Acq: 20 Jul 2018 4:42

Instrument :

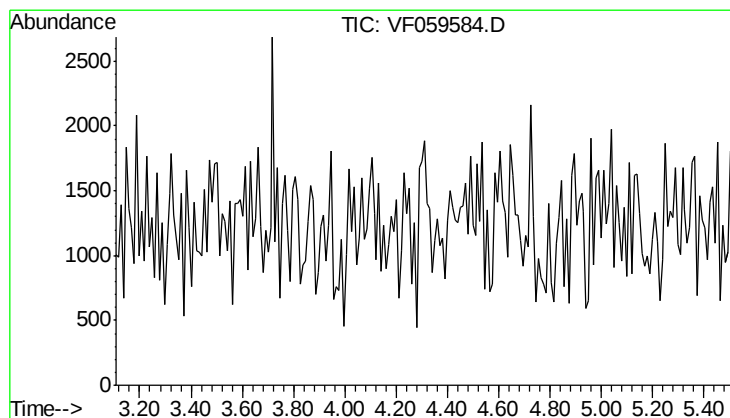
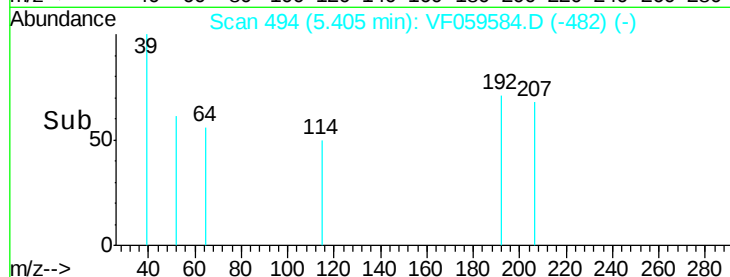
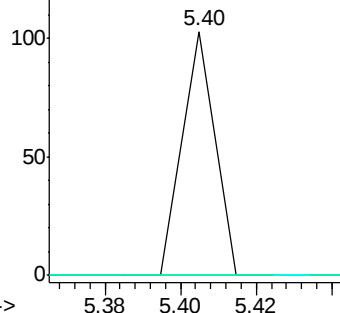
MSVOA_F

ClientSampleId :

Tot Ion:	114	Resp:	61
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	44.8
88	0.0	0.0	42.6



Abundance Ion 114.00 (113.70 to 114.70): VF059584.D



#35

Dibromofluoromethane

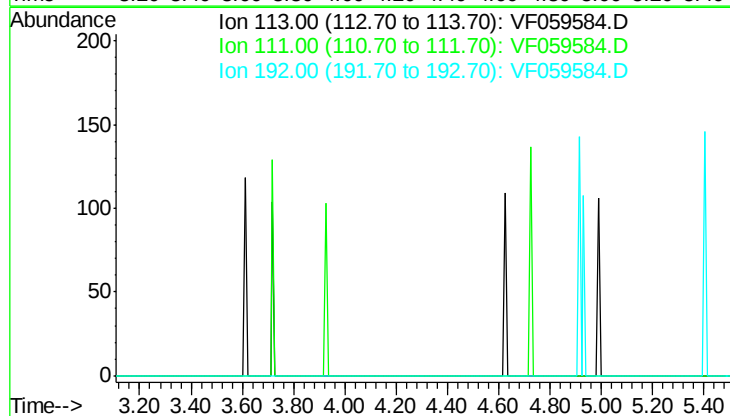
Concen: 0.000 ug/l

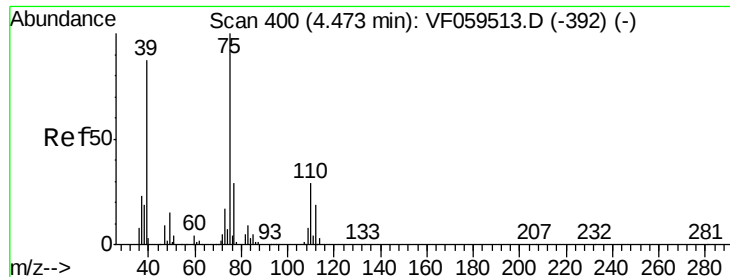
Expected RT: 4.31 min

Lab File: VF059584.D

Acq: 20 Jul 2018 4:42

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	100.4
192	16.4

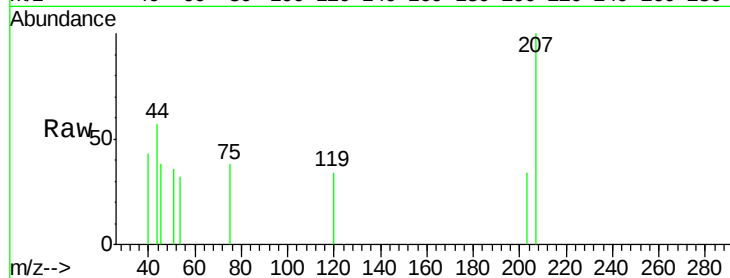




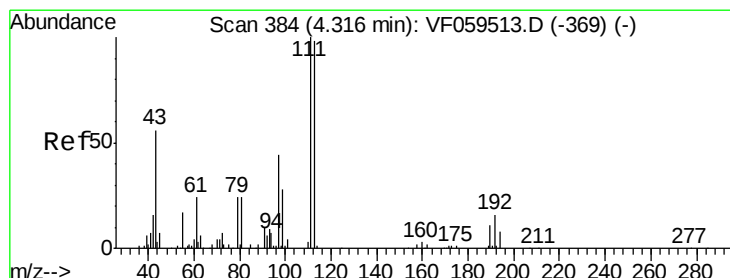
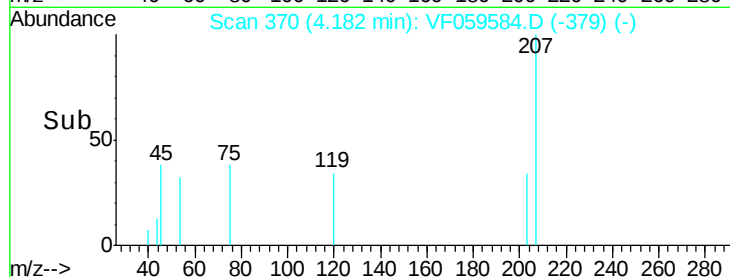
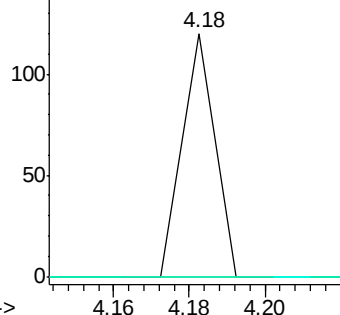
#36
 1,1-Dichloropropene
 Concen: 116.286 ug/l
 RT: 4.18 min Scan# 370
 Delta R.T. -0.29 min
 Lab File: VF059584.D
 Acq: 20 Jul 2018 4:42

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	14.6	43.8#
77	0.0	23.7	35.5#

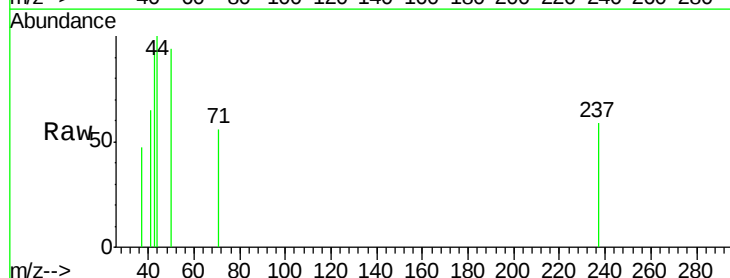


Abundance Ion 75.00 (74.70 to 75.70): VF0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VF0

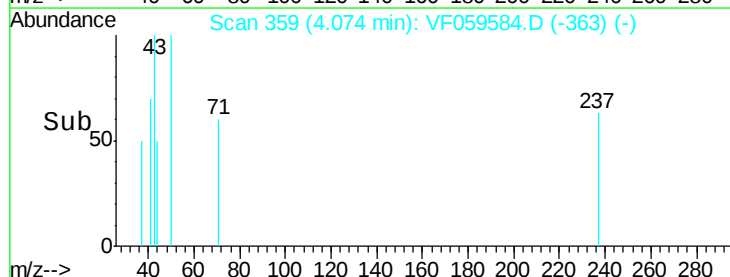
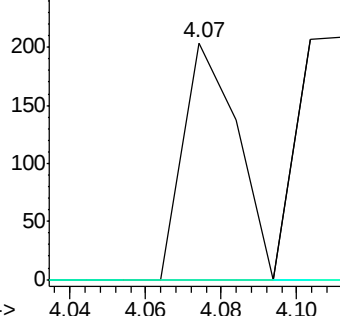


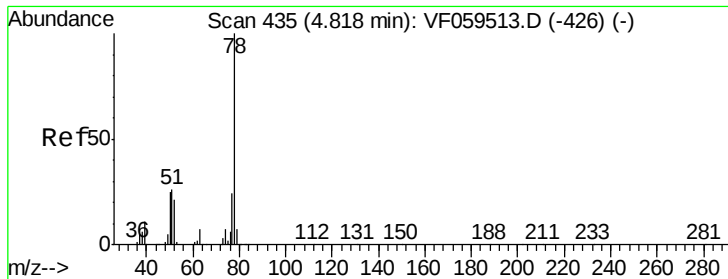
#37
 Ethyl Acetate
 Concen: 687.387 ug/l
 RT: 4.07 min Scan# 359
 Delta R.T. -0.24 min
 Lab File: VF059584.D
 Acq: 20 Jul 2018 4:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	33.7	50.5#
70	60.3	7.4	11.0#



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





#40

Benzene

Concen: 67.538 ug/l

RT: 4.48 min Scan# 400

Delta R.T. -0.34 min

Lab File: VF059584.D

Acq: 20 Jul 2018 4:42

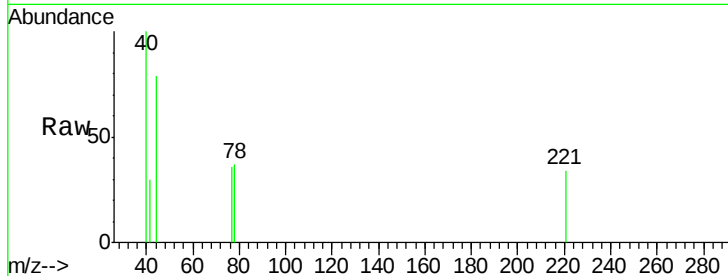
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 78 Resp: 80

Ion Ratio Lower Upper

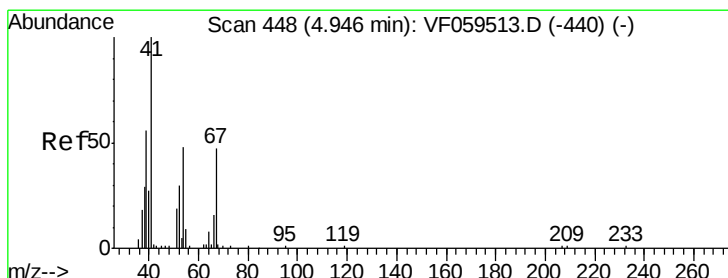
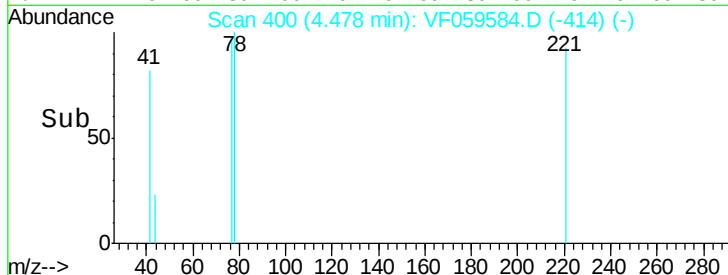
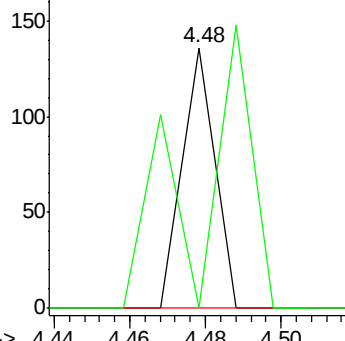
78 100

77 0.0 19.4 29.0#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0



#41

Methacrylonitrile

Concen: 428.340 ug/l

RT: 4.59 min Scan# 411

Delta R.T. -0.36 min

Lab File: VF059584.D

Acq: 20 Jul 2018 4:42

Tgt Ion: 41 Resp: 75

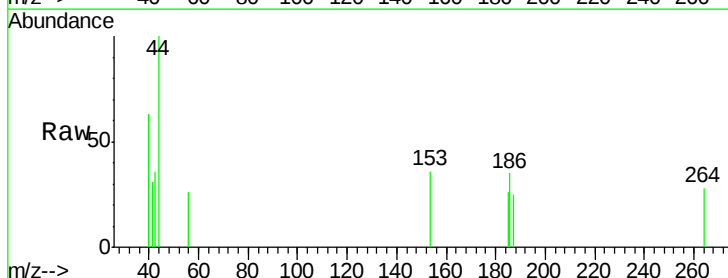
Ion Ratio Lower Upper

41 100

39 0.0 49.4 74.0#

67 0.0 37.4 56.2#

52 0.0 32.1 48.1#

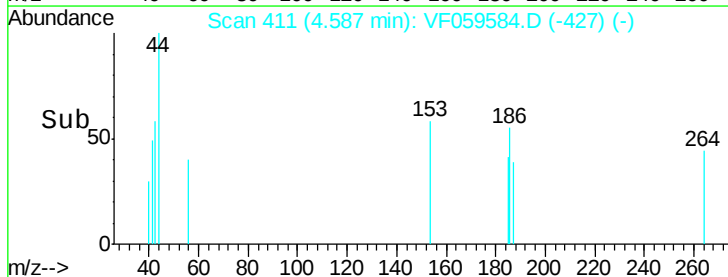
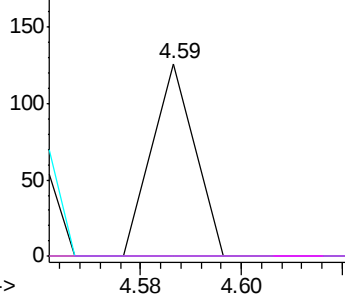


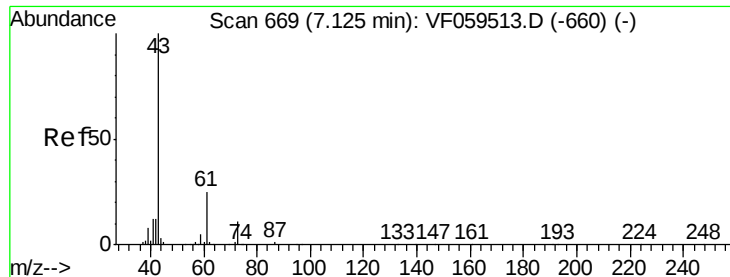
Abundance Ion 41.00 (40.70 to 41.70): VF0

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





#43

Isopropyl Acetate

Concen: 572.096 ug/l

RT: 6.69 min Scan# 624

Delta R.T. -0.44 min

Lab File: VF059584.D

Acq: 20 Jul 2018 4:42

Instrument :

MSVOA_F

ClientSampleId :

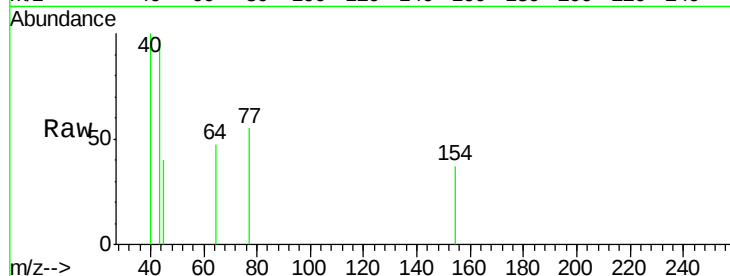
Tot Ion: 43 Resp: 251

Ion Ratio Lower Upper

43 100

61 0.0 20.3 30.5#

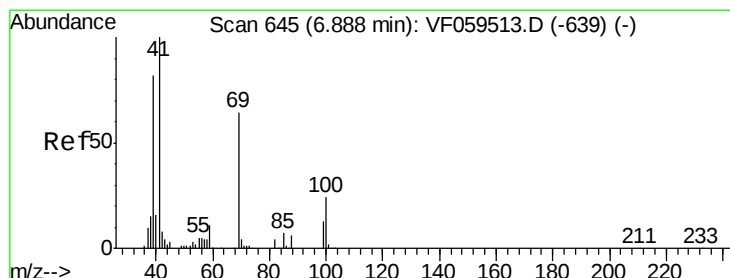
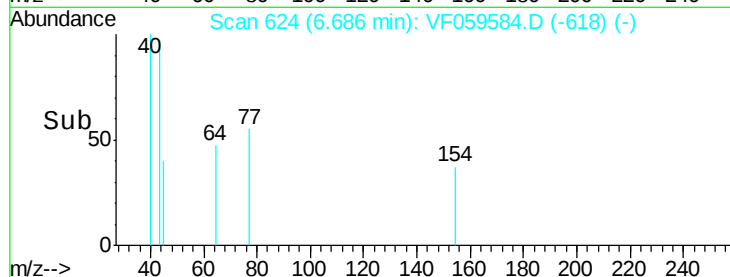
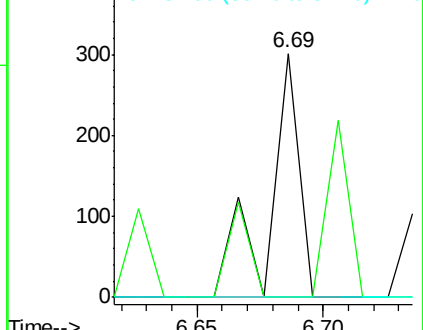
87 0.0 0.4 0.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#48

Methyl methacrylate

Concen: 191.484 ug/l

RT: 6.43 min Scan# 598

Delta R.T. -0.46 min

Lab File: VF059584.D

Acq: 20 Jul 2018 4:42

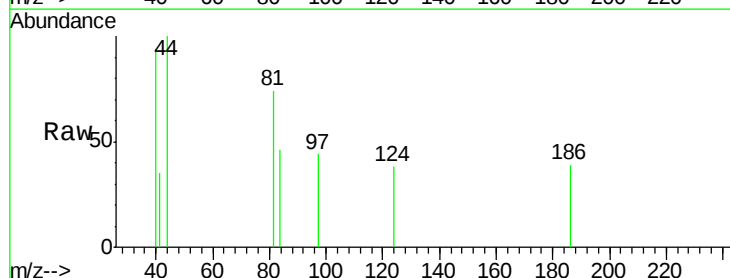
Tgt Ion: 41 Resp: 60

Ion Ratio Lower Upper

41 100

69 0.0 51.3 76.9#

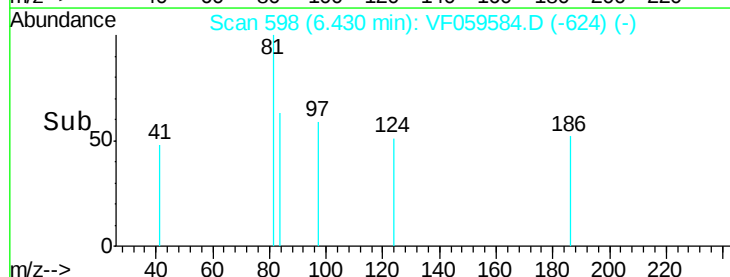
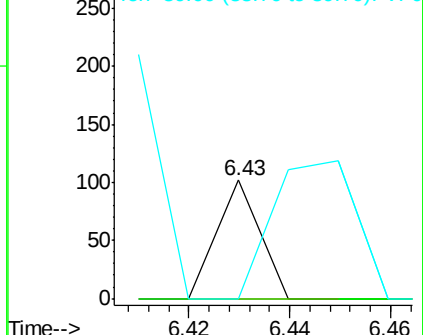
39 0.0 65.3 97.9#

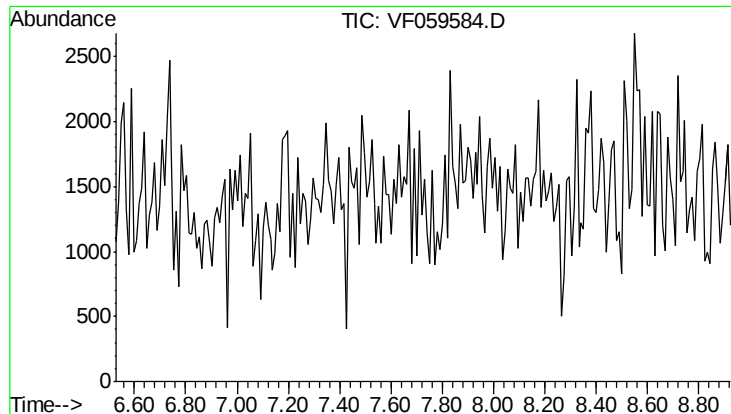


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



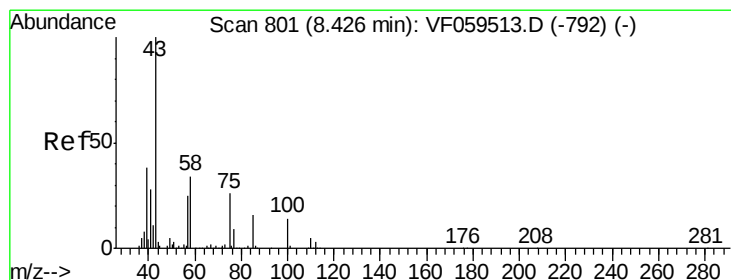
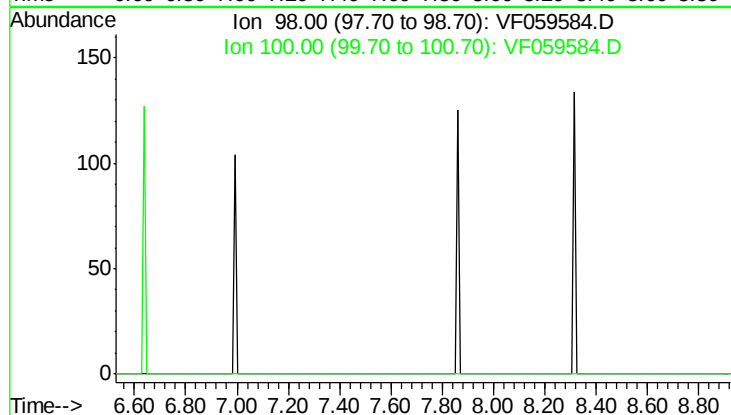


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.73 min

Lab File: VF059584.D
Acq: 20 Jul 2018 4:42

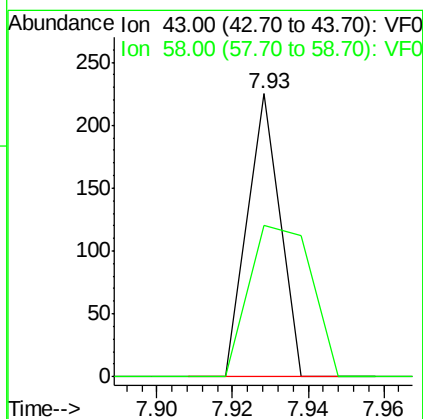
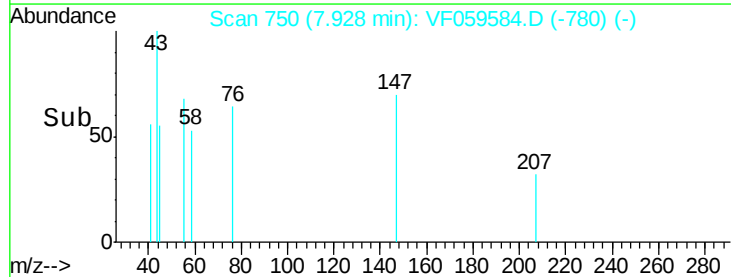
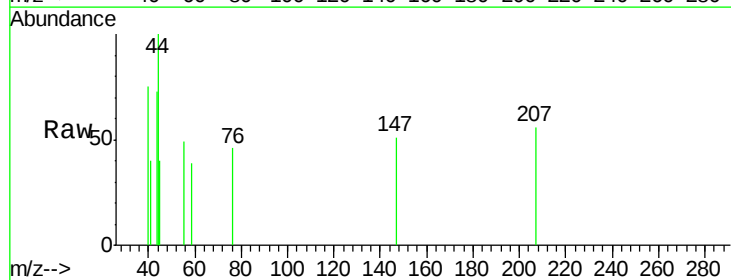
Instrument :
MSVOA_F
ClientSampleId :

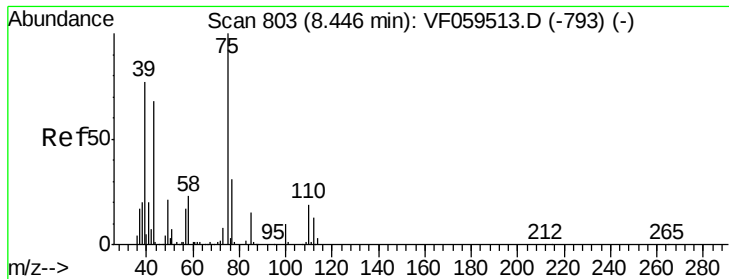
Tot Ion: 98
Sig Exp Ratio
98 100
100 63.6



#51
4-Methyl-2-Pentanone
Concen: 427.653 ug/l
RT: 7.93 min Scan# 750
Delta R.T. -0.50 min
Lab File: VF059584.D
Acq: 20 Jul 2018 4:42

Tgt Ion: 43 Resp: 133
Ion Ratio Lower Upper
43 100
58 53.3 27.4 41.2#





#53

t-1,3-Dichloropropene

Concen: 93.098 ug/l

RT: 8.00 min Scan# 757

Delta R.T. -0.45 min

Lab File: VF059584.D

Acq: 20 Jul 2018 4:42

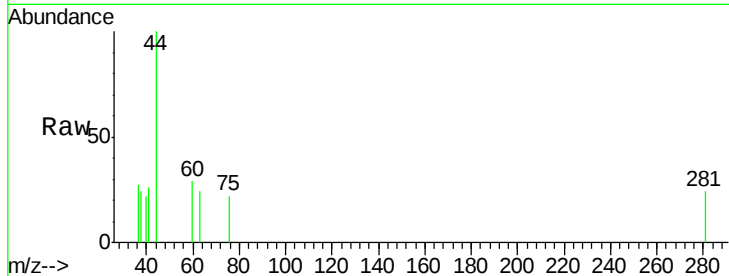
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 75 Resp: 66

Ion Ratio Lower Upper

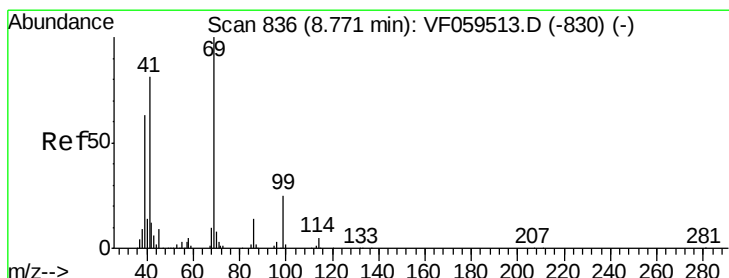
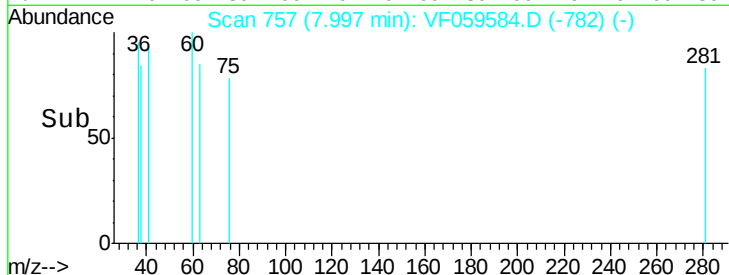
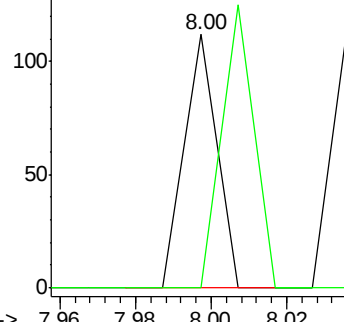
75 100

77 0.0 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#56

Ethyl methacrylate

Concen: 152.622 ug/l

RT: 8.13 min Scan# 770

Delta R.T. -0.65 min

Lab File: VF059584.D

Acq: 20 Jul 2018 4:42

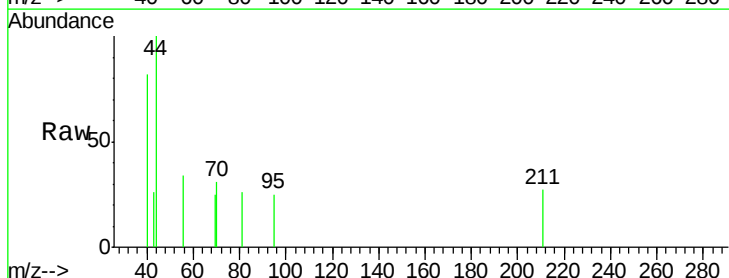
Tgt Ion: 69 Resp: 63

Ion Ratio Lower Upper

69 100

41 0.0 65.4 98.2#

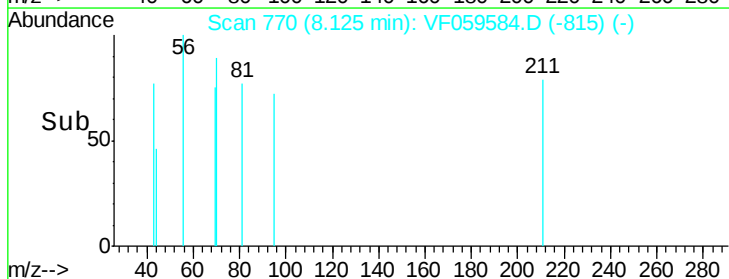
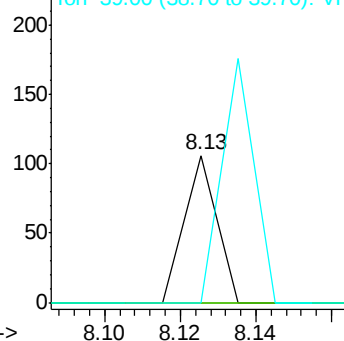
39 0.0 51.0 76.4#

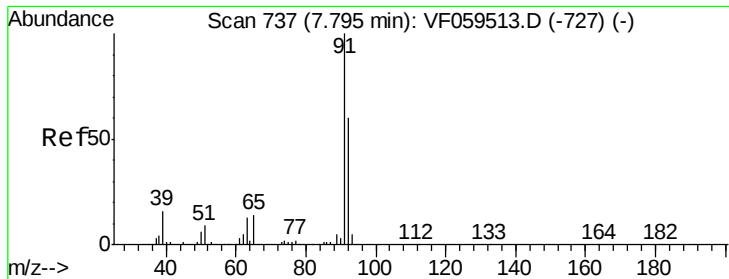


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#58

2-Chloroethyl Vinyl ether

Concen: 1838.472 ug/l

RT: 7.40 min Scan# 696

Delta R.T. -0.40 min

Lab File: VF059584.D

Acq: 20 Jul 2018 4:42

Instrument :

MSVOA_F

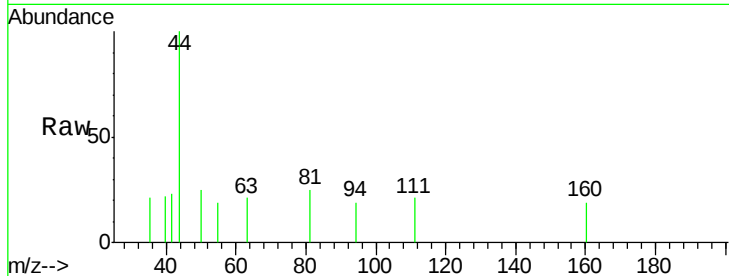
ClientSampleId :

Tot Ion: 63 Resp: 67

Ion Ratio Lower Upper

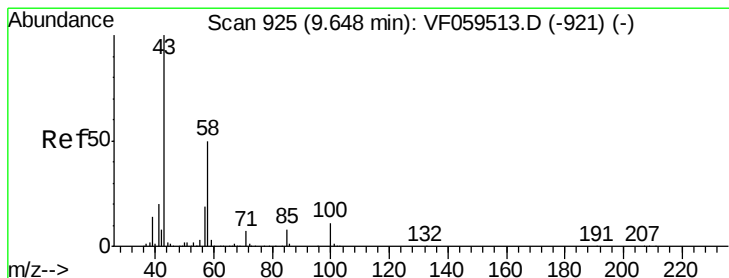
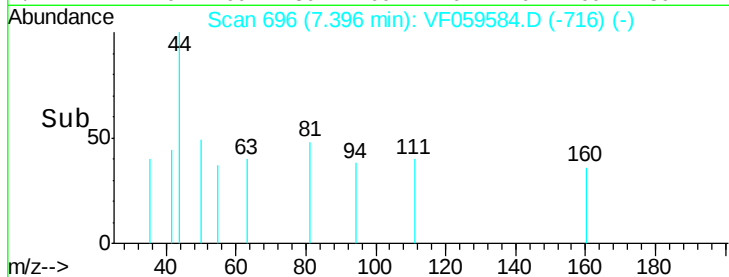
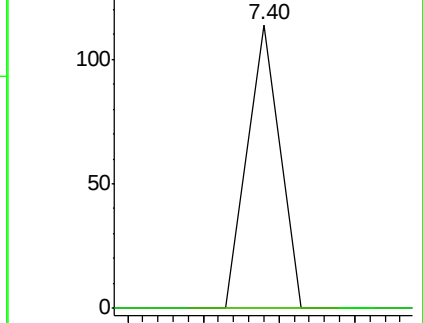
63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V



#59

2-Hexanone

Concen: 621.166 ug/l

RT: 9.00 min Scan# 859

Delta R.T. -0.65 min

Lab File: VF059584.D

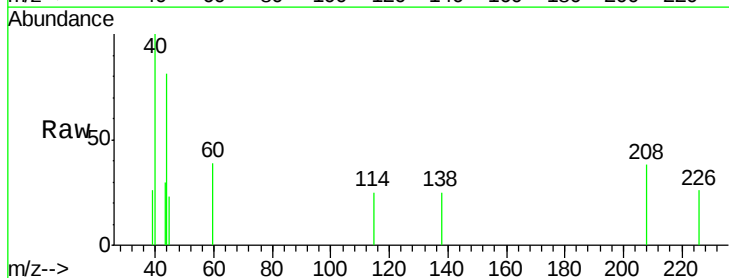
Acq: 20 Jul 2018 4:42

Tgt Ion: 43 Resp: 146

Ion Ratio Lower Upper

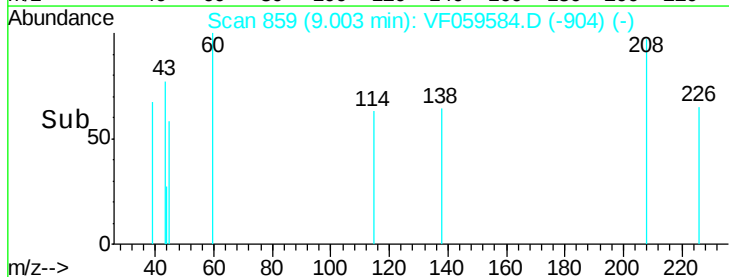
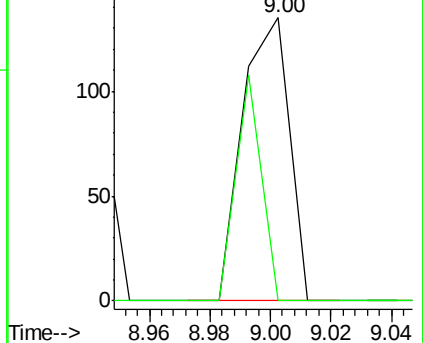
43 100

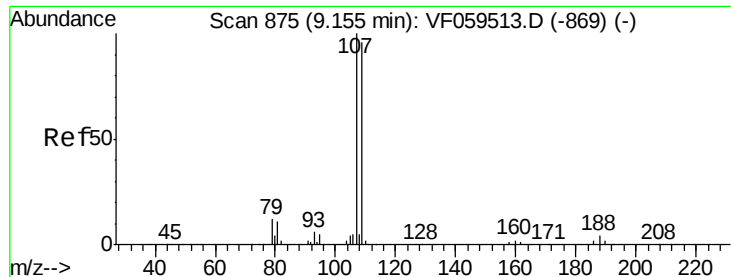
58 0.0 23.3 69.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

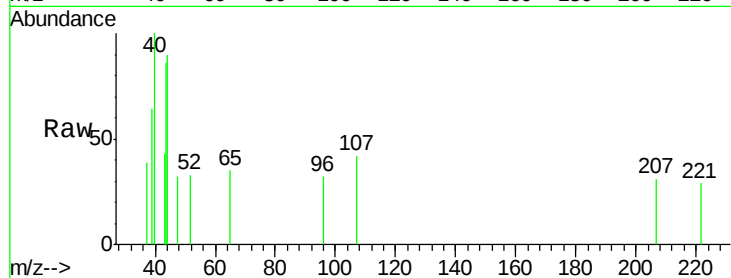




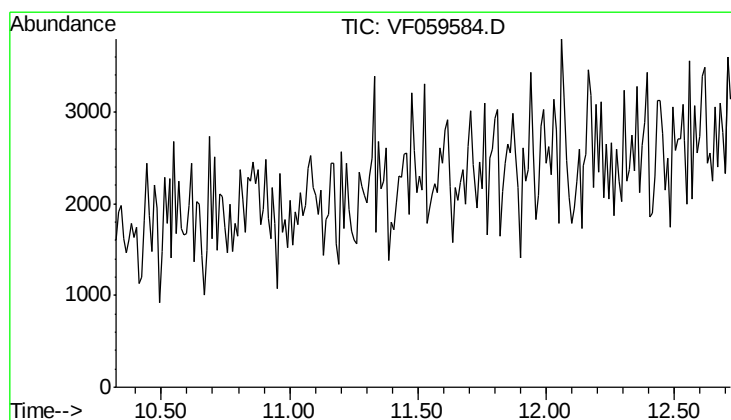
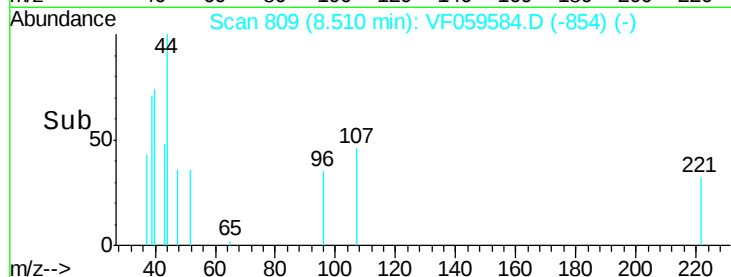
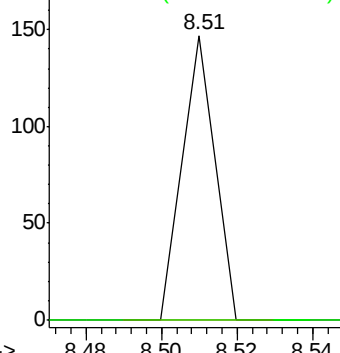
#61
 1,2-Dibromoethane
 Concen: 210.647 ug/l
 RT: 8.51 min Scan# 809
 Delta R.T. -0.65 min
 Lab File: VF059584.D
 Acq: 20 Jul 2018 4:42

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion:107 Resp: 87
 Ion Ratio Lower Upper
 107 100
 109 0.0 76.5 114.7#



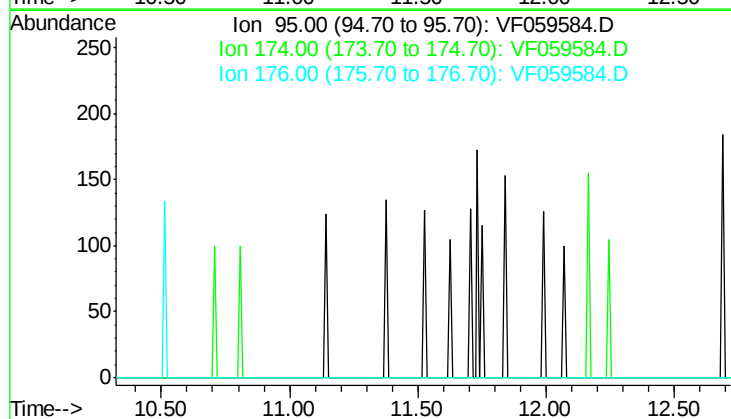
Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V

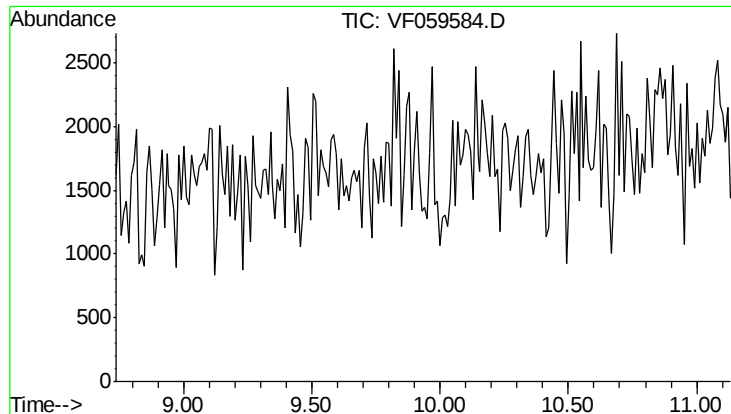


#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.52 min

Lab File: VF059584.D
 Acq: 20 Jul 2018 4:42

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 87.2
 176 84.7

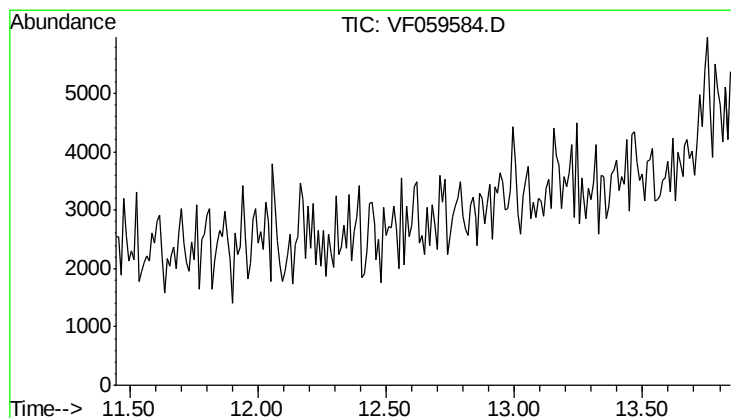
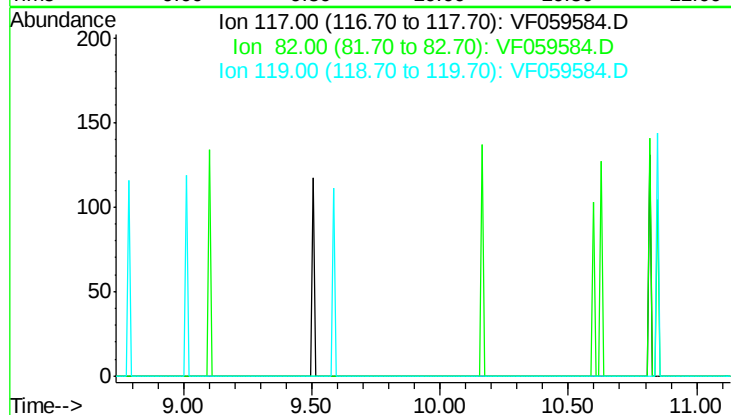




#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 9.93 min
 Lab File: VF059584.D
 Acq: 20 Jul 2018 4:42

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	117
Sig	Exp Ratio
117	100
82	57.6
119	34.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 12.64 min
 Lab File: VF059584.D
 Acq: 20 Jul 2018 4:42

Tgt Ion	152
Sig	Exp Ratio
152	100
115	55.5
150	159.2

