

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031919\
 Data File : VF062017.D
 Acq On : 19 Mar 2019 14:45
 Operator : VA/AP
 Sample : K1951-02RE
 Misc : 5.76g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Mar 20 05:20:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-4.87
34) 1,4-Difluorobenzene	5.58	114	232	50.00	ug/l	-0.02
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.77
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
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	7.55	98	393	86.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	172.58%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	

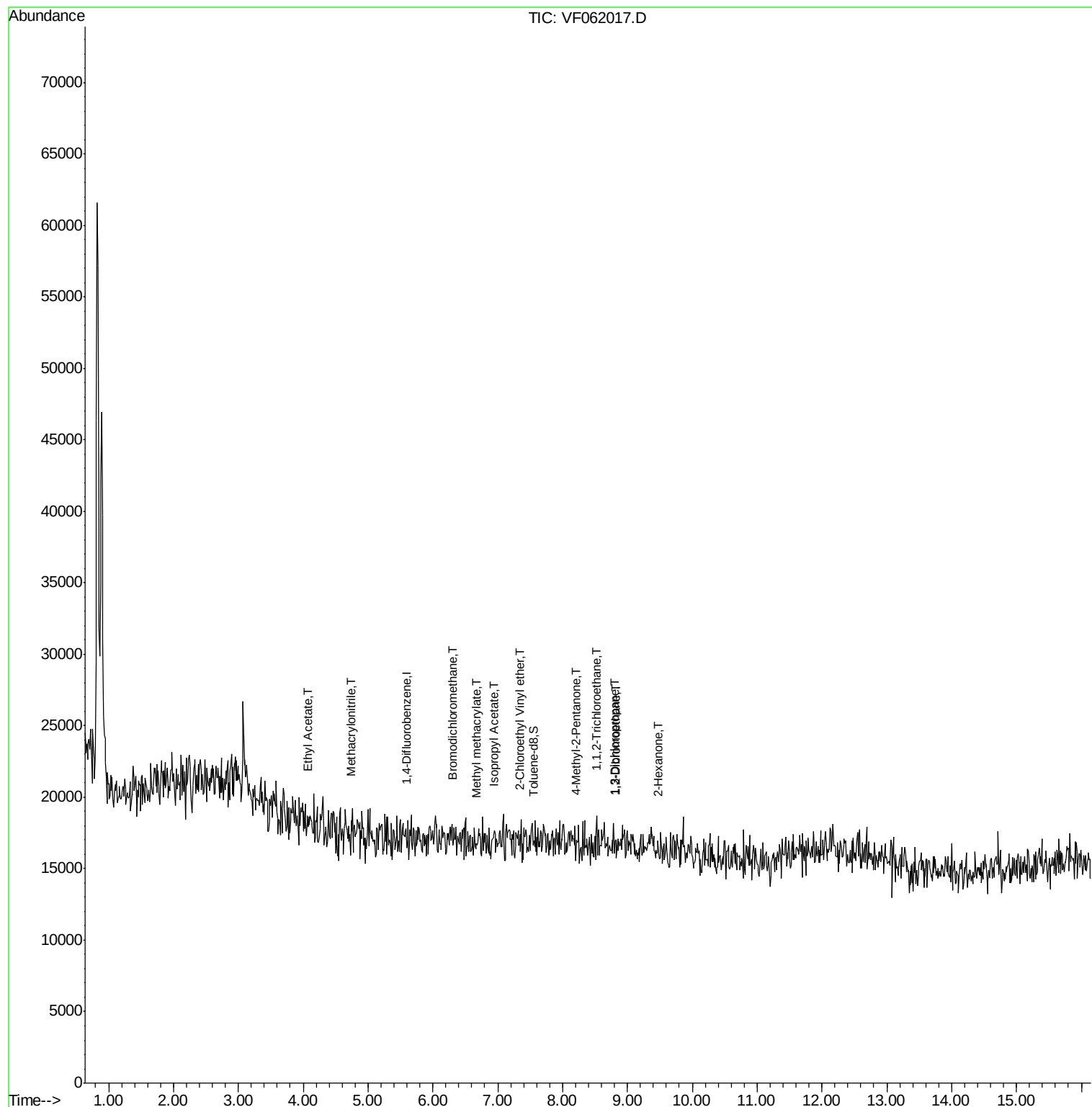
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) Ethyl Acetate	4.08	43	524	557.027	ug/l #	19
41) Methacrylonitrile	4.73	41	70	139.276	ug/l #	22
43) Isopropyl Acetate	6.94	43	156	140.161	ug/l #	38
47) Bromodichloromethane	6.29	83	66	35.820	ug/l #	25
48) Methyl methacrylate	6.66	41	286	397.592	ug/l #	20
51) 4-Methyl-2-Pentanone	8.22	43	179	226.479	ug/l #	36
55) 1,1,2-Trichloroethane	8.54	97	78	82.393	ug/l #	14
57) 1,3-Dichloropropane	8.80	76	73	46.227	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.33	63	73	374.510	ug/l #	49
59) 2-Hexanone	9.46	43	72	125.877	ug/l #	23
61) 1,2-Dibromoethane	8.81	107	79	77.797	ug/l #	4

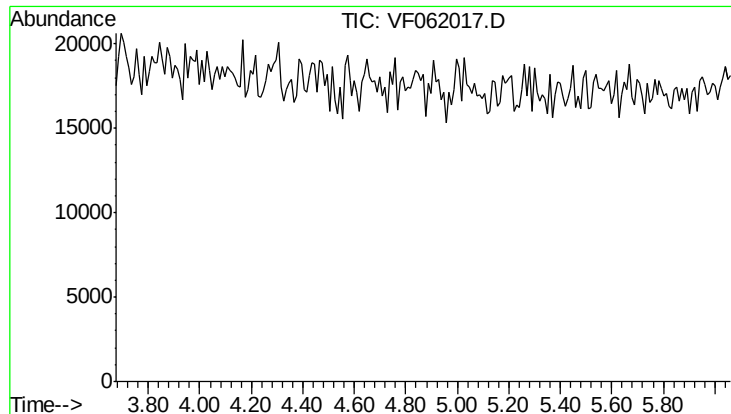
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031919\
Data File : VF062017.D
Acq On : 19 Mar 2019 14:45
Operator : VA/AP
Sample : K1951-02RE
Misc : 5.76g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Mar 20 05:20:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.87 min

Lab File: VF062017.D

Acq: 19 Mar 2019 14:45

Tot Ion: 168

Sig Exp Ratio

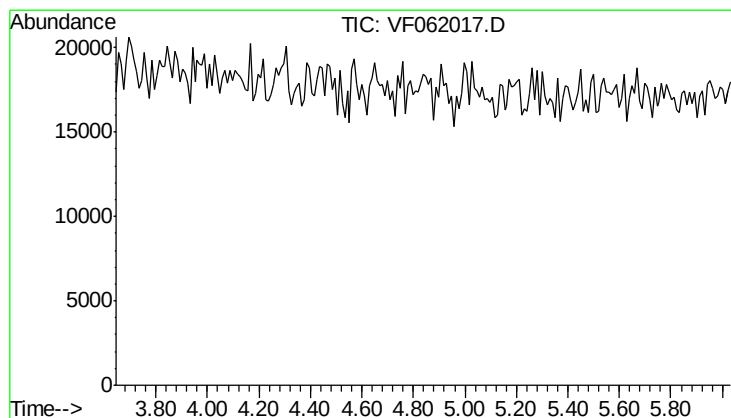
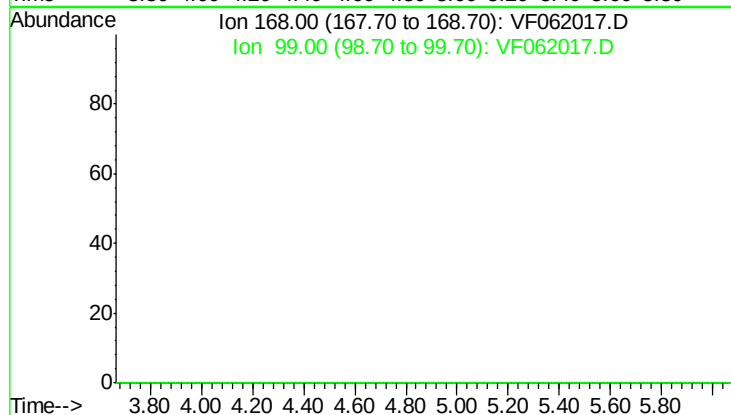
168 100

99 53.0

Instrument :

MSVOA_F

ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 4.84 min

Lab File: VF062017.D

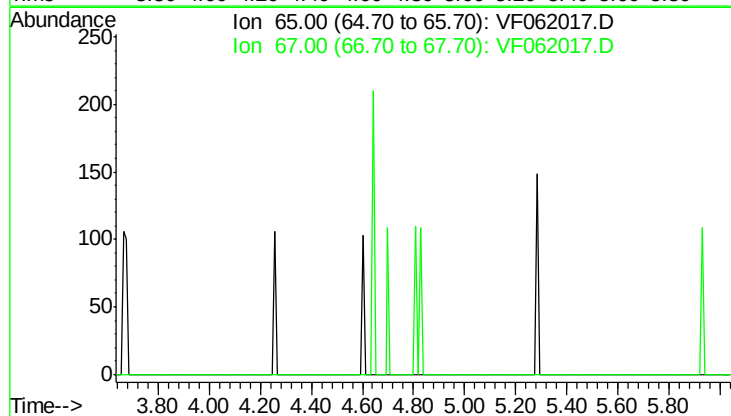
Acq: 19 Mar 2019 14:45

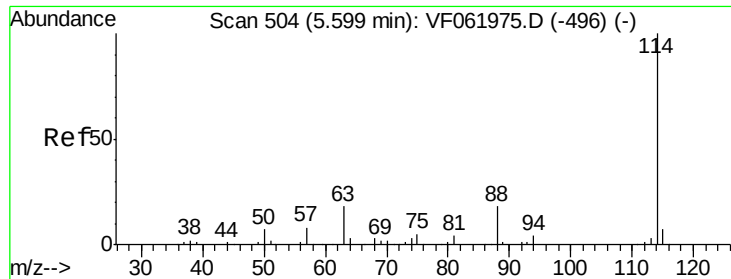
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.7

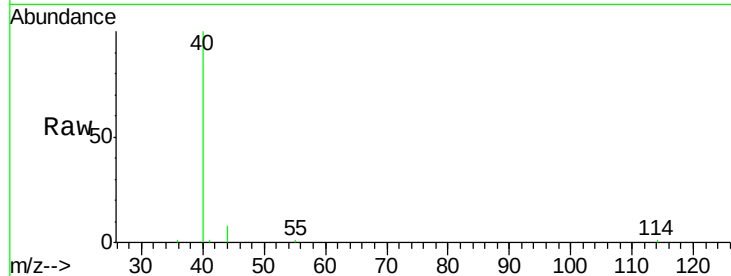




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: VF062017.D
 Acq: 19 Mar 2019 14:45

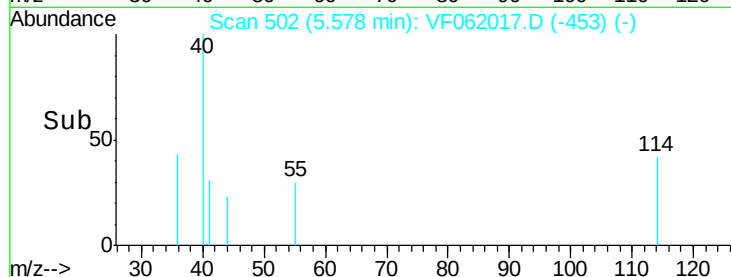
Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion:114 Resp: 232
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 36.4
 88 0.0 0.0 36.4

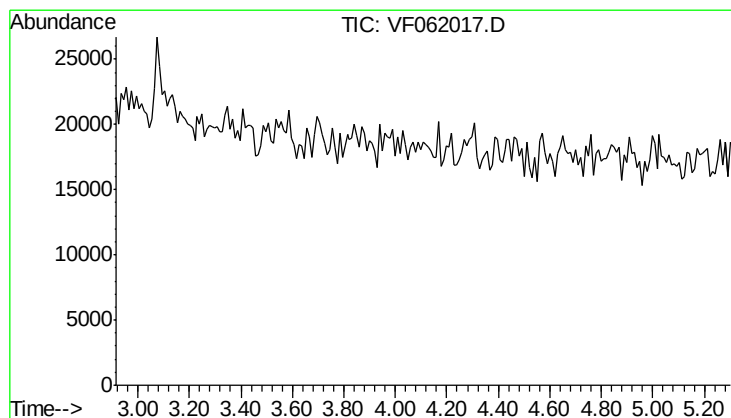


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

5.58



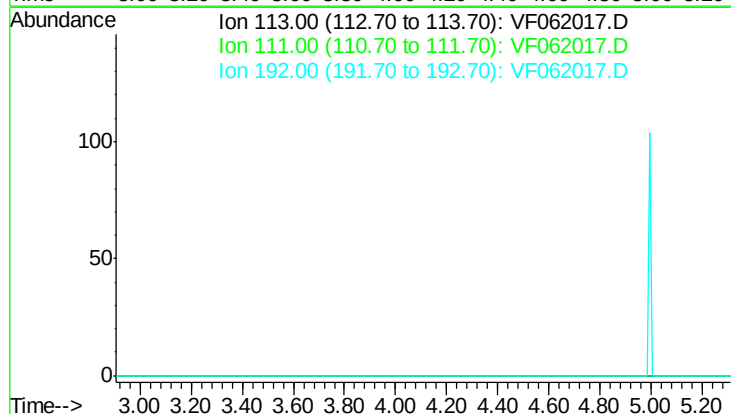
Time-->

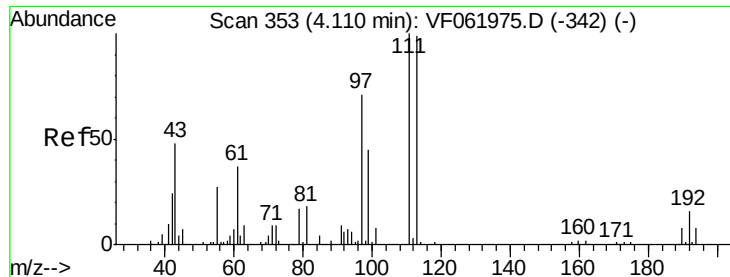


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.11 min

Lab File: VF062017.D
 Acq: 19 Mar 2019 14:45

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 101.0
 192 16.3





#37

Ethyl Acetate

Concen: 557.027 ug/l

RT: 4.08 min Scan# 350

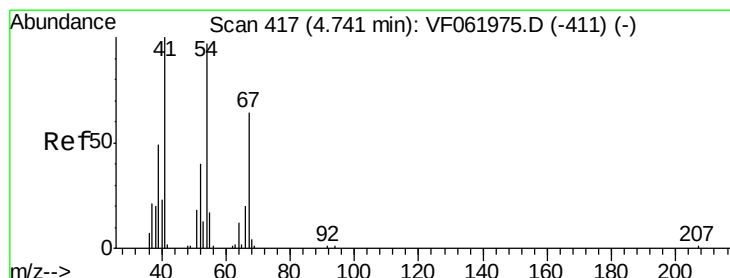
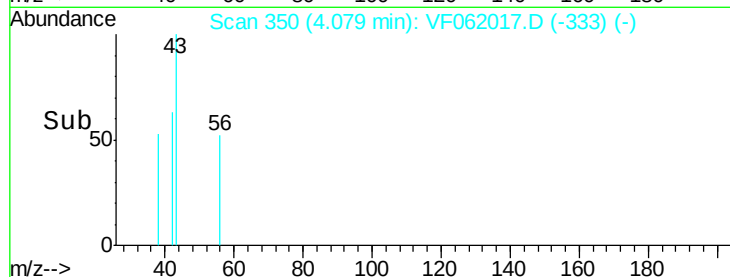
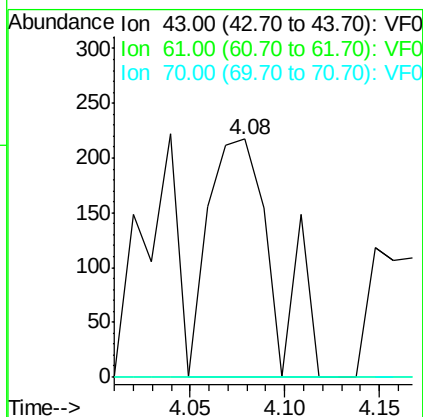
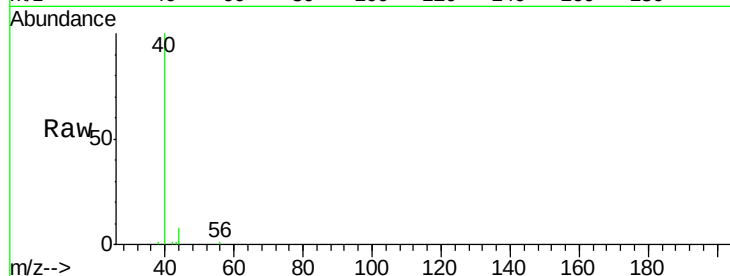
Delta R.T. -0.03 min

Lab File: VF062017.D

Acq: 19 Mar 2019 14:45

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	43	Resp:	524
Ion	Ratio	Lower	Upper
43	100		
61	0.0	59.8	89.6#
70	0.0	7.8	11.8#



#41

Methacrylonitrile

Concen: 139.276 ug/l

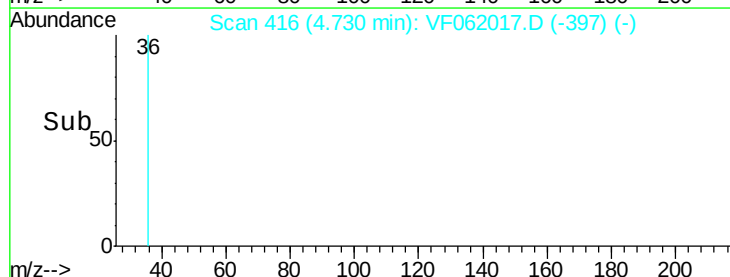
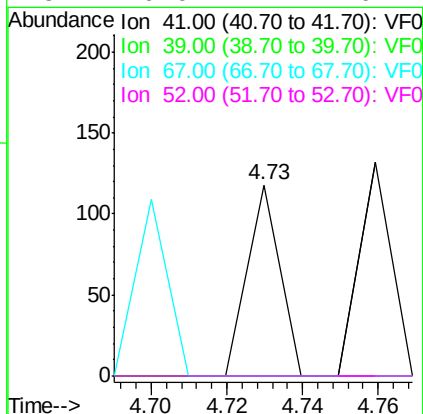
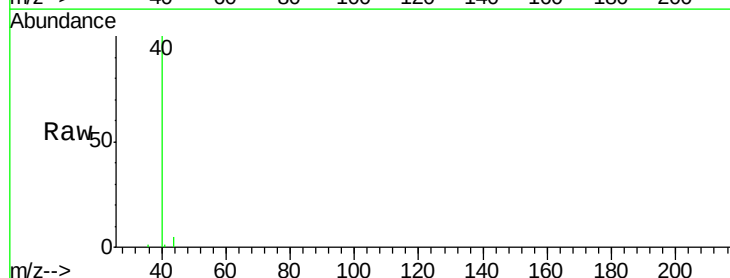
RT: 4.73 min Scan# 416

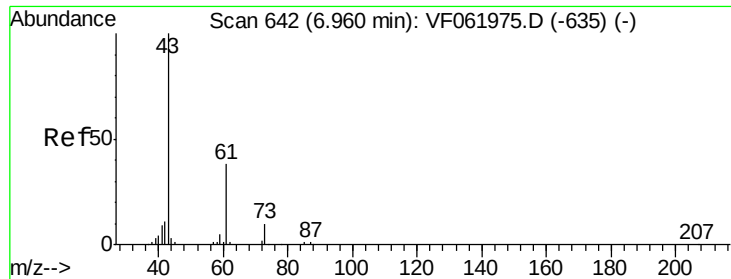
Delta R.T. -0.01 min

Lab File: VF062017.D

Acq: 19 Mar 2019 14:45

Tgt Ion:	41	Resp:	70
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.2	69.4#
67	0.0	49.8	74.8#
52	0.0	42.7	64.1#





#43

Isopropyl Acetate

Concen: 140.161 ug/l

RT: 6.94 min Scan# 640

Delta R.T. -0.02 min

Lab File: VF062017.D

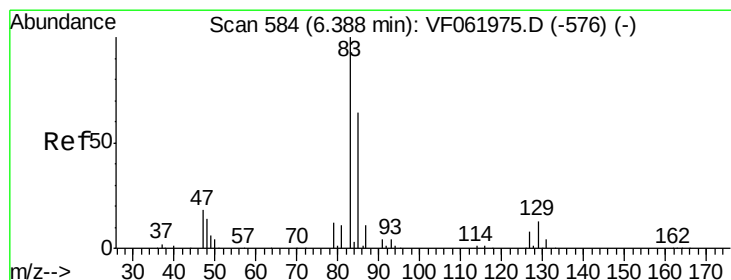
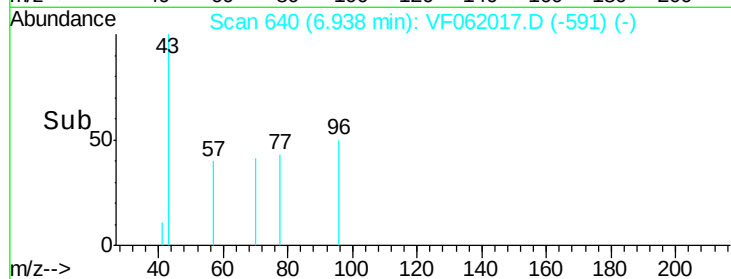
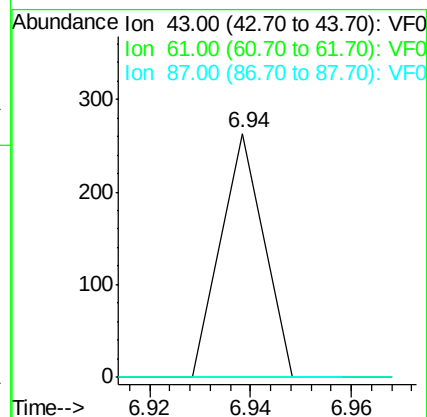
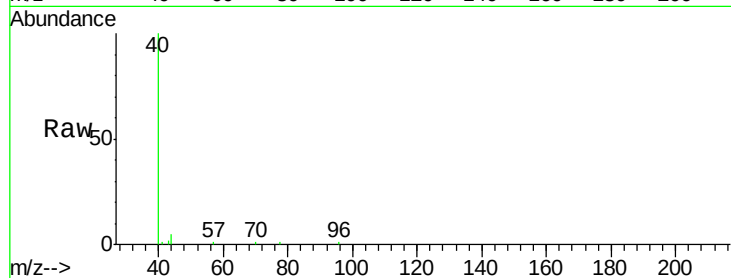
Acq: 19 Mar 2019 14:45

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	43	Resp:	156
Ion	Ratio	Lower	Upper
43	100		
61	0.0	30.1	45.1#
87	0.0	0.4	0.6#



#47

Bromodichloromethane

Concen: 35.820 ug/l

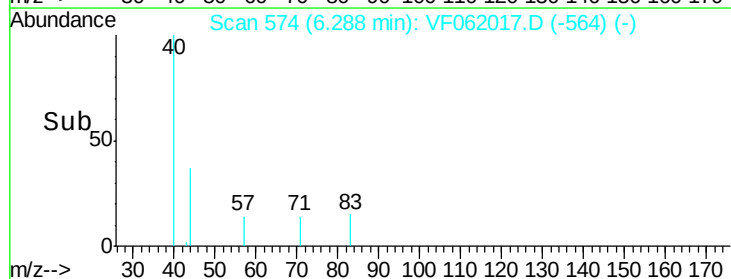
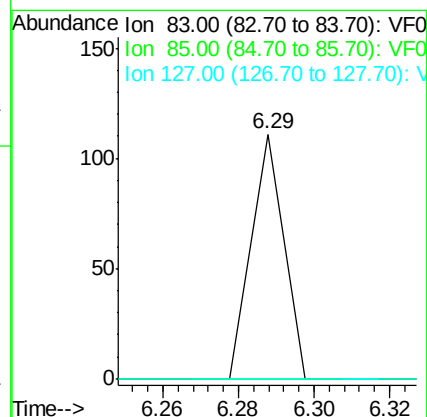
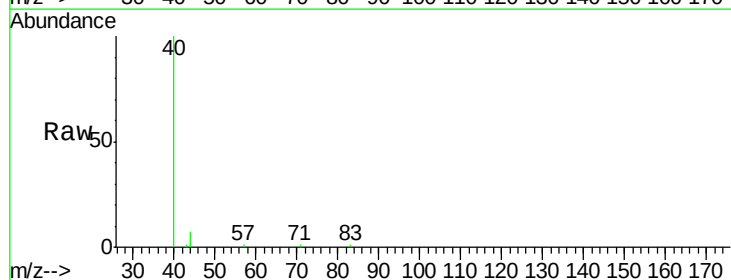
RT: 6.29 min Scan# 574

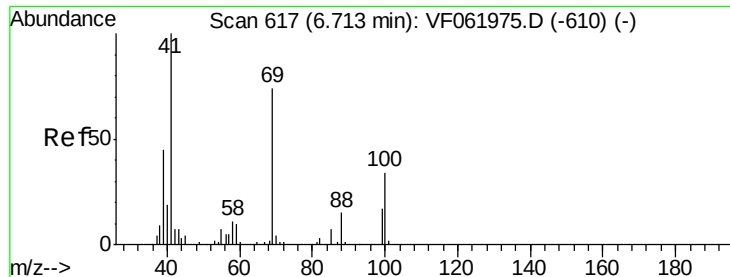
Delta R.T. -0.10 min

Lab File: VF062017.D

Acq: 19 Mar 2019 14:45

Tgt Ion:	83	Resp:	66
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.4	77.2#
127	0.0	6.5	9.7#





#48

Methyl methacrylate

Concen: 397.592 ug/l

RT: 6.66 min Scan# 612

Delta R.T. -0.05 min

Lab File: VF062017.D

Acq: 19 Mar 2019 14:45

Instrument :

MSVOA_F

ClientSampled :

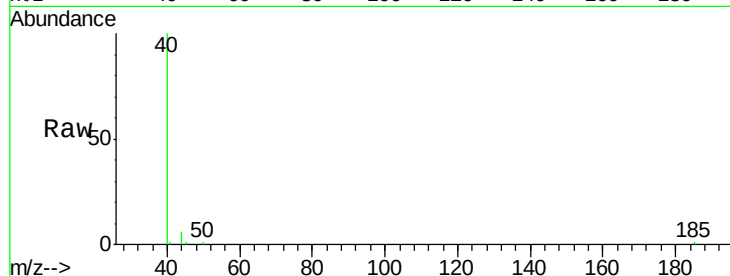
Tot Ion: 41 Resp: 286

Ion Ratio Lower Upper

41 100

69 0.0 59.0 88.6#

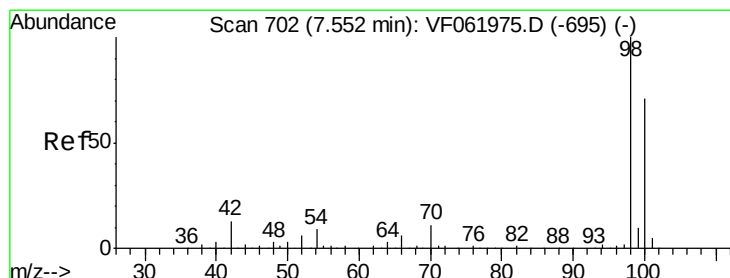
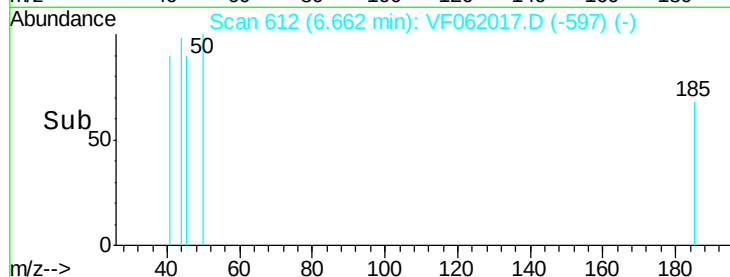
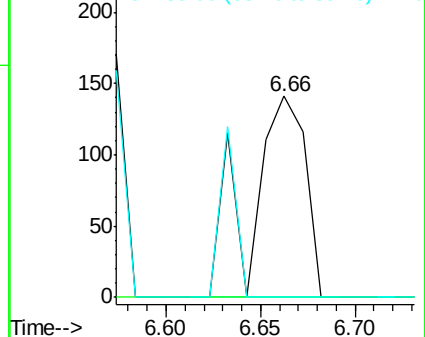
39 0.0 35.6 53.4#



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: 86.293 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.00 min

Lab File: VF062017.D

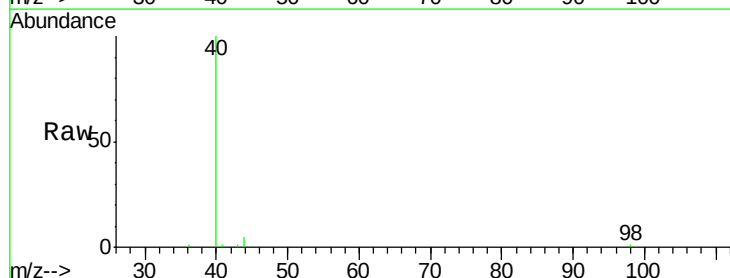
Acq: 19 Mar 2019 14:45

Tgt Ion: 98 Resp: 393

Ion Ratio Lower Upper

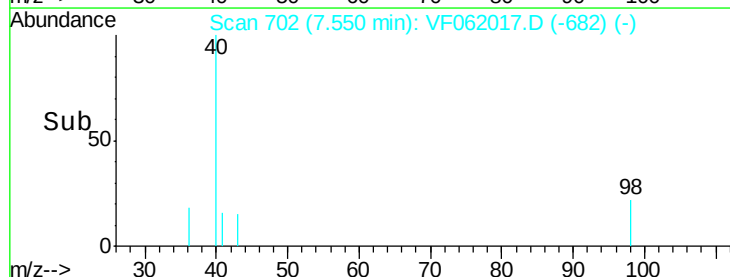
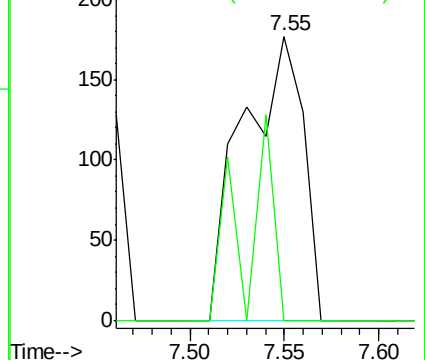
98 100

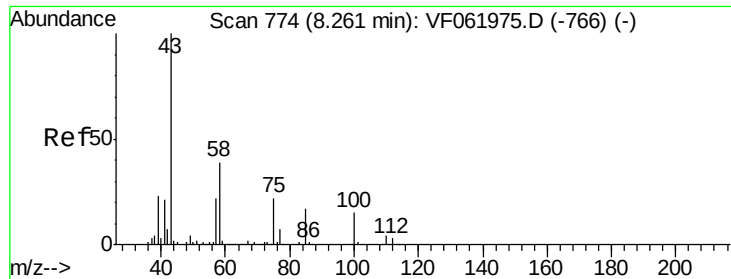
100 0.0 56.8 85.2#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 226.479 ug/l

RT: 8.22 min Scan# 770

Delta R.T. -0.04 min

Lab File: VF062017.D

Acq: 19 Mar 2019 14:45

Instrument :

MSVOA_F

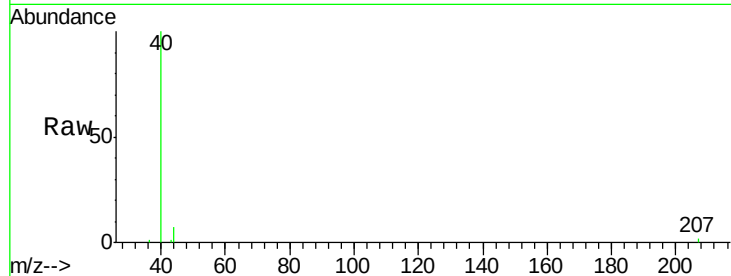
ClientSampleId :

Tot Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

58 0.0 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.22

150

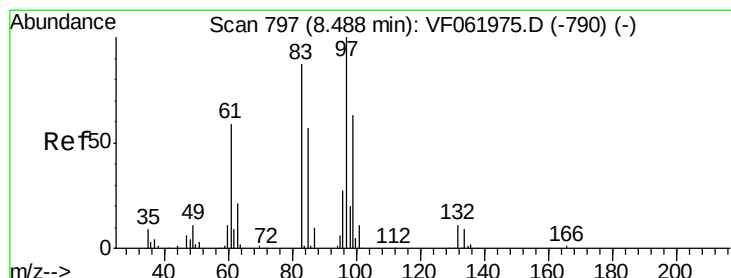
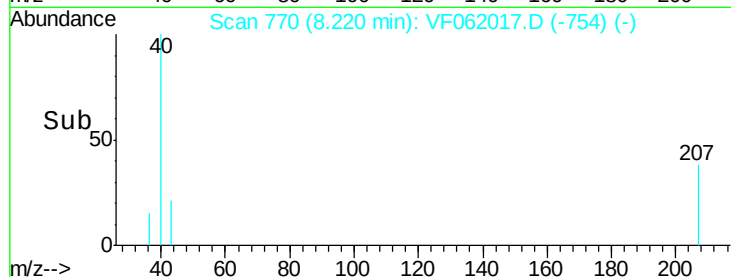
100

50

0

8.20 8.22 8.24 8.26

Time-->



#55

1,1,2-Trichloroethane

Concen: 82.393 ug/l

RT: 8.54 min Scan# 802

Delta R.T. 0.05 min

Lab File: VF062017.D

Acq: 19 Mar 2019 14:45

Tgt Ion: 97 Resp: 78

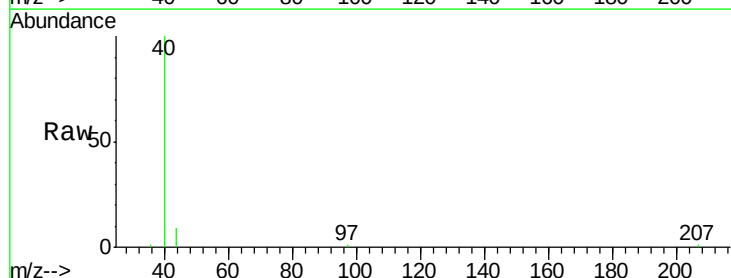
Ion Ratio Lower Upper

97 100

83 0.0 69.7 104.5#

85 0.0 45.8 68.6#

99 0.0 50.3 75.5#



Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0

8.54

150

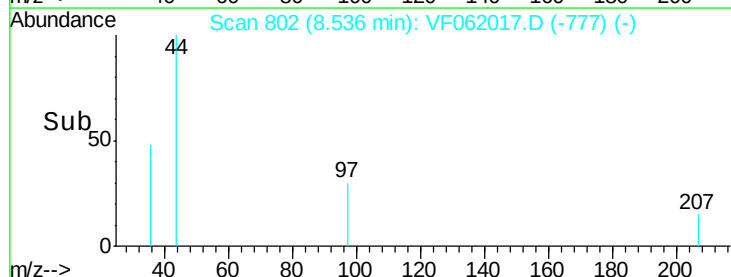
100

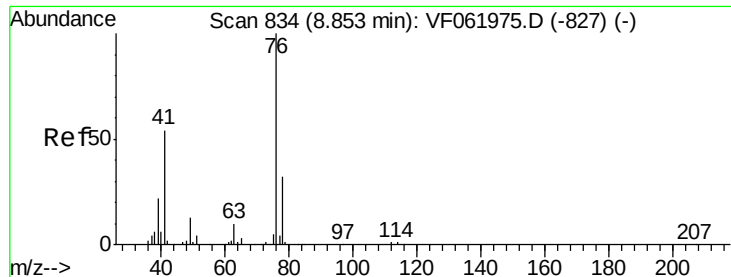
50

0

8.50 8.52 8.54 8.56

Time-->





#57

1,3-Dichloropropane

Concen: 46.227 ug/l

RT: 8.80 min Scan# 829

Delta R.T. -0.05 min

Lab File: VF062017.D

Acq: 19 Mar 2019 14:45

Instrument :

MSVOA_F

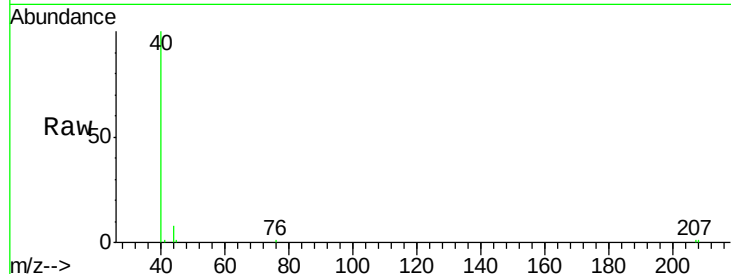
ClientSampled :

Tot Ion: 76 Resp: 73

Ion Ratio Lower Upper

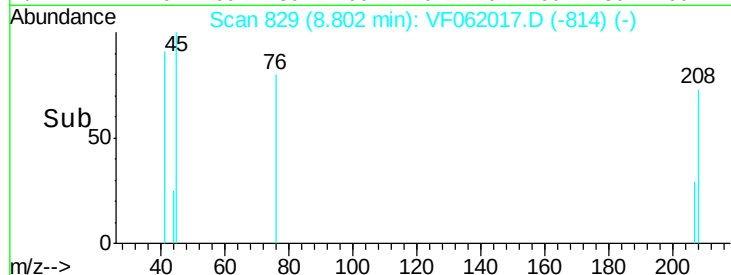
76 100

78 0.0 25.4 38.2#

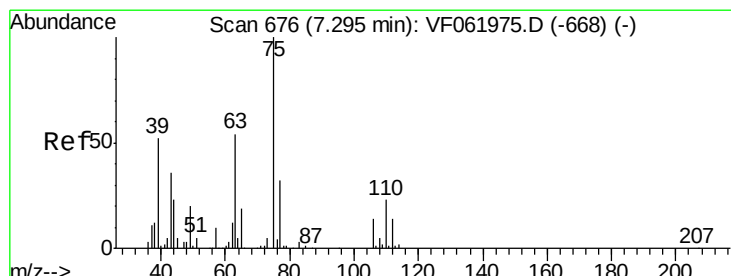


Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 374.510 ug/l

RT: 7.33 min Scan# 680

Delta R.T. 0.04 min

Lab File: VF062017.D

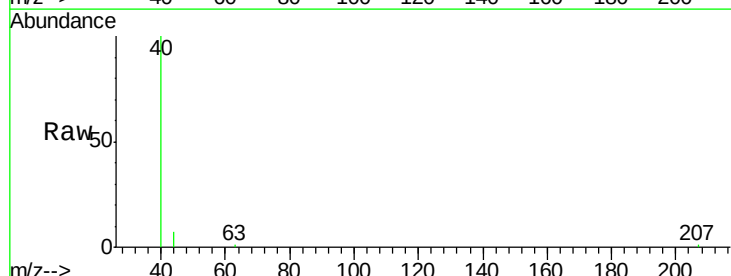
Acq: 19 Mar 2019 14:45

Tgt Ion: 63 Resp: 73

Ion Ratio Lower Upper

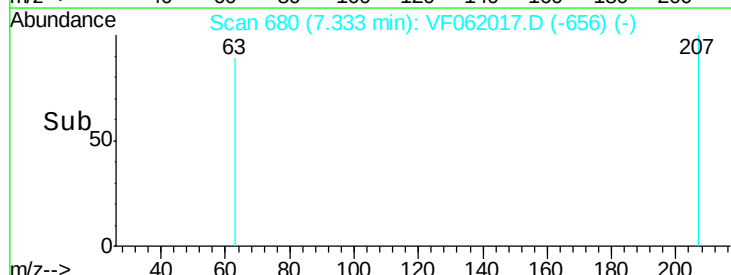
63 100

106 0.0 20.9 31.3#

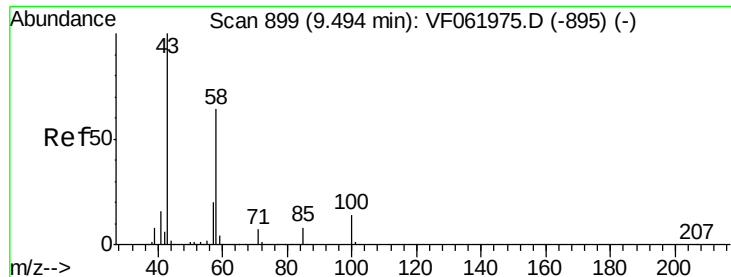


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V



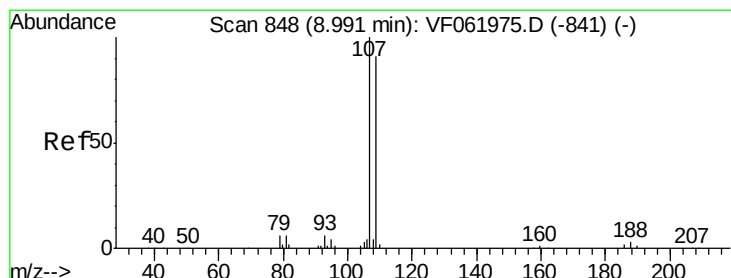
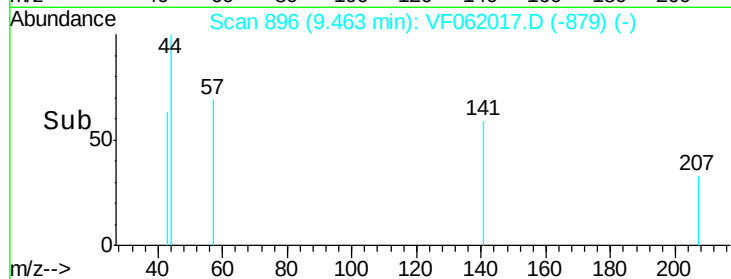
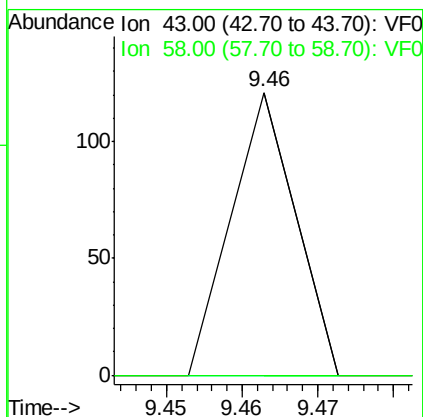
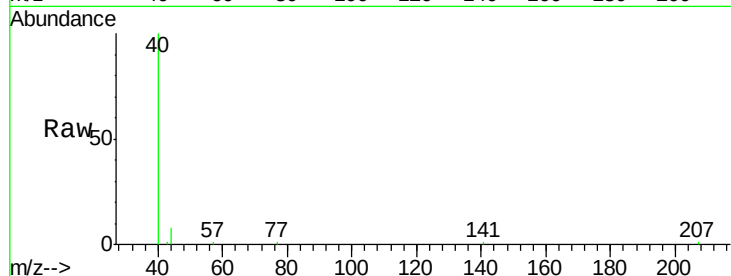
Time-->



#59
2-Hexanone
Concen: 125.877 ug/l
RT: 9.46 min Scan# 896
Delta R.T. -0.03 min
Lab File: VF062017.D
Acq: 19 Mar 2019 14:45

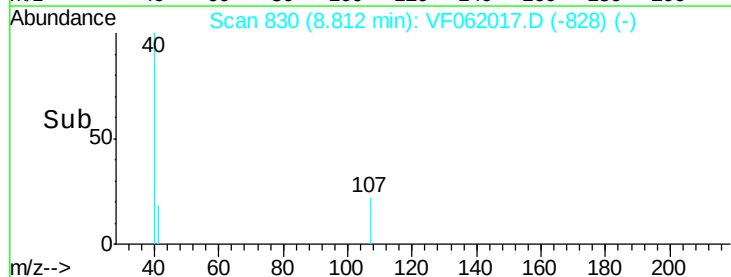
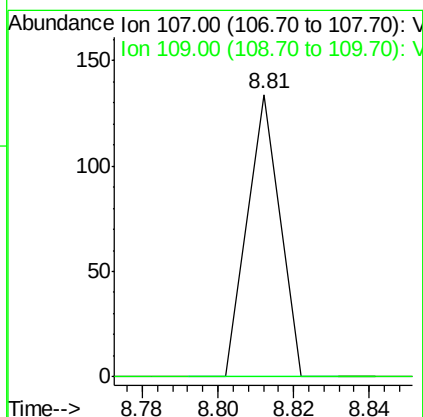
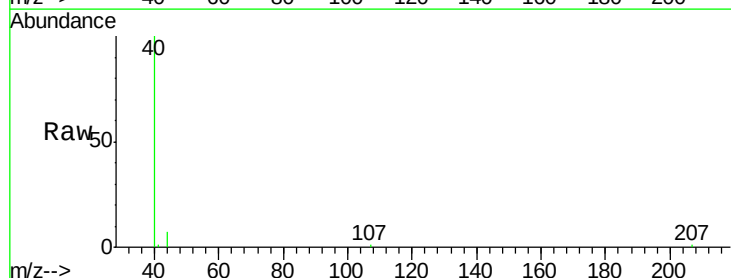
Instrument :
MSVOA_F
ClientSampleId :

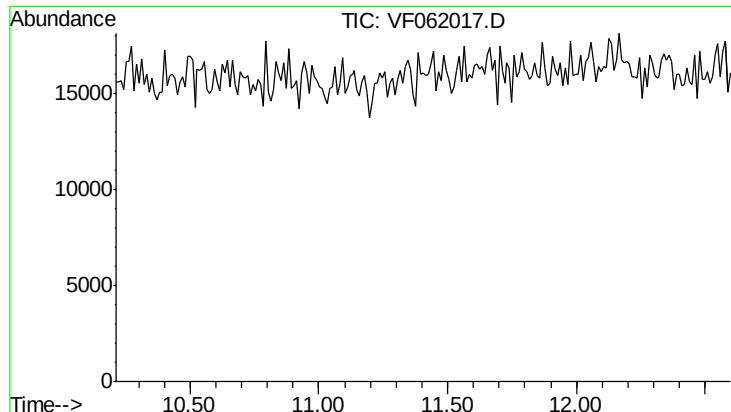
Tot Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.2#



#61
1,2-Dibromoethane
Concen: 77.797 ug/l
RT: 8.81 min Scan# 830
Delta R.T. -0.18 min
Lab File: VF062017.D
Acq: 19 Mar 2019 14:45

Tgt Ion: 107 Resp: 79
Ion Ratio Lower Upper
107 100
109 0.0 72.8 109.2#

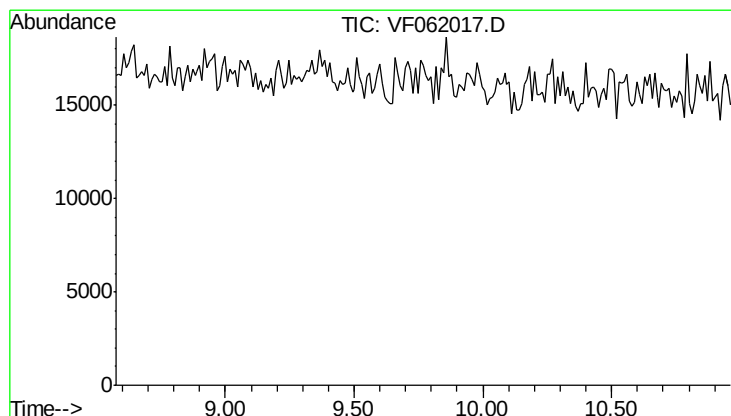
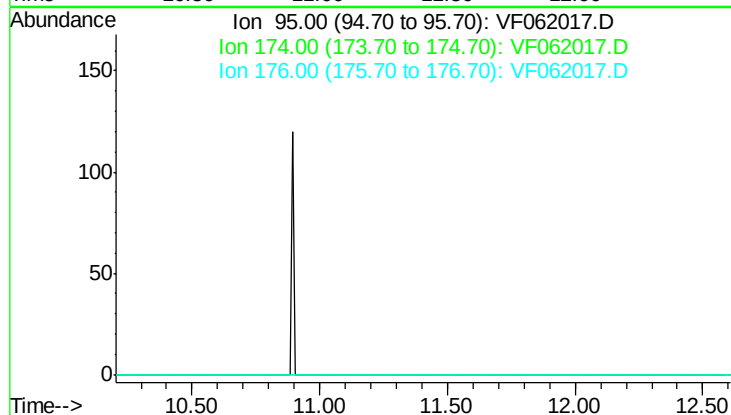




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.41 min
 Lab File: VF062017.D
 Acq: 19 Mar 2019 14:45

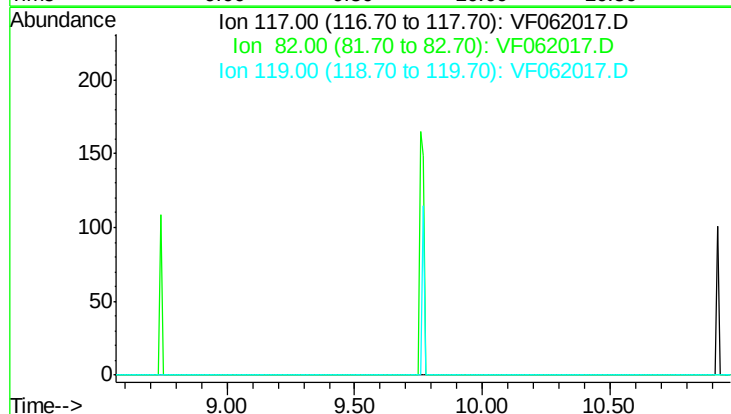
Instrument :
 MSVOA_F
 ClientSampleId :

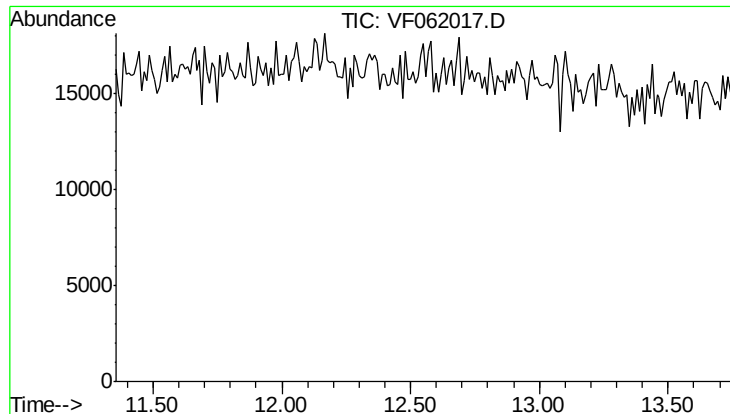
Tot Ion	95
Sig	Exp Ratio
95	100
174	74.7
176	71.7



#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 9.77 min
 Lab File: VF062017.D
 Acq: 19 Mar 2019 14:45

Tgt Ion	117
Sig	Exp Ratio
117	100
82	53.1
119	31.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 12.55 min
 Lab File: VF062017.D
 Acq: 19 Mar 2019 14:45

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion: 152
 Sig Exp Ratio
 152 100
 115 54.6
 150 158.1

