

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060682.D
 Acq On : 9 Nov 2018 20:04
 Operator : VA/AP
 Sample : J5876-01
 Misc : 5.12g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 48382-47191-47202

Quant Time: Nov 12 05:03:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

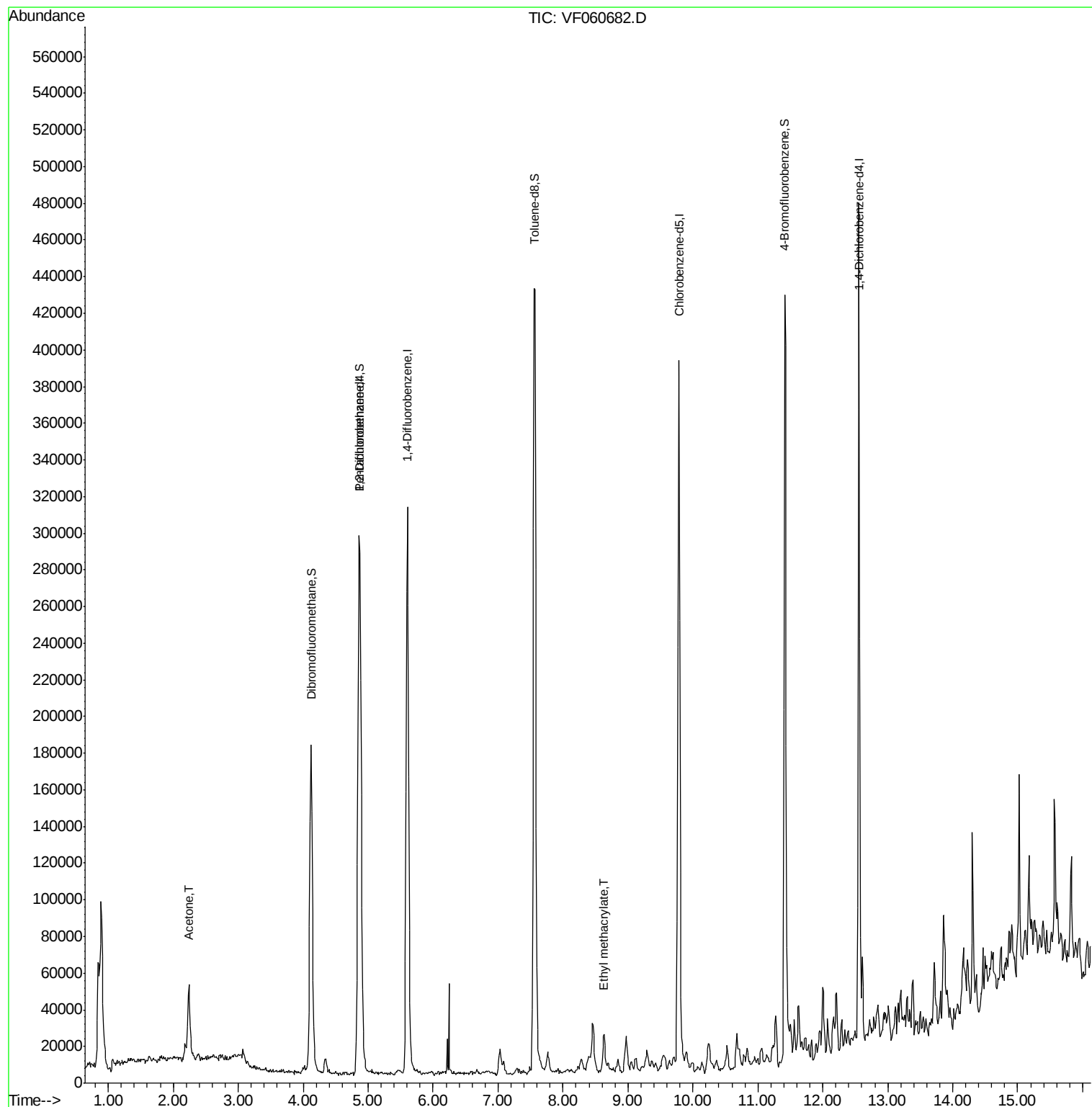
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	202705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	347363	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	284769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	117048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	148410	72.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.92%	
35) Dibromofluoromethane	4.12	113	173973	64.83	ug/l	0.02
Spiked Amount 50.000			Recovery	=	129.66%	
50) Toluene-d8	7.56	98	382267	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.41	95	180402	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
Target Compounds						
16) Acetone	2.24	43	60889	126.167	ug/l	96
56) Ethyl methacrylate	8.63	69	9872	4.360	ug/l	86

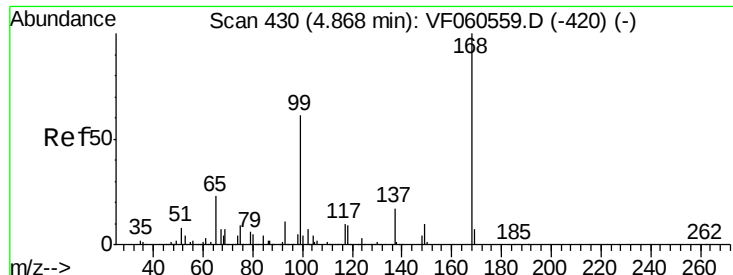
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF060682.D

Acq: 9 Nov 2018 20:04

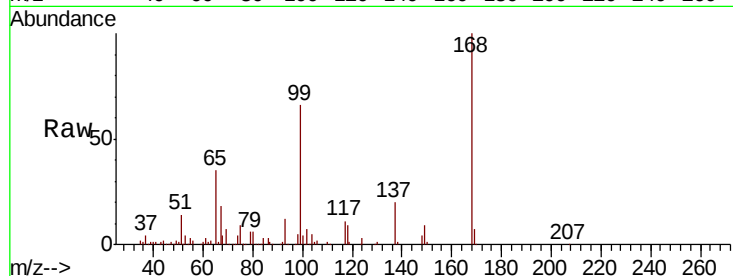
Instrument :
MSVOA_F
ClientSampleId :
48382-47191-47202

Tot Ion:168 Resp: 202705

Ion Ratio Lower Upper

168 100

99 66.2 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF060559.D (-420) (-)

Ion 99.00 (98.70 to 99.70): VF060559.D (-420) (-)

4.87

80000

60000

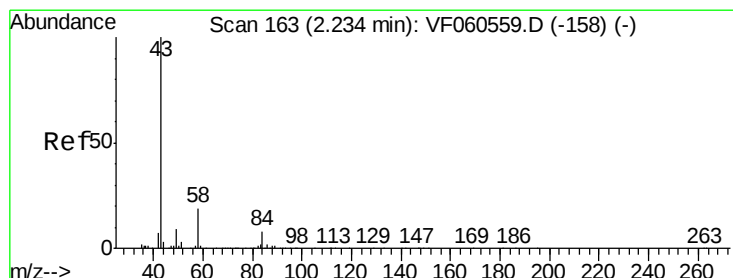
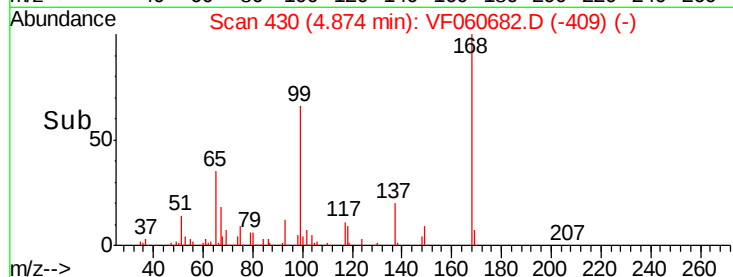
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 126.167 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF060682.D

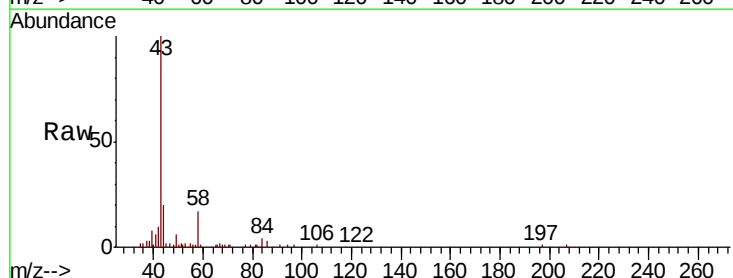
Acq: 9 Nov 2018 20:04

Tgt Ion: 43 Resp: 60889

Ion Ratio Lower Upper

43 100

58 16.6 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF060559.D (-158) (-)

Ion 58.00 (57.70 to 58.70): VF060559.D (-158) (-)

2.24

25000

20000

15000

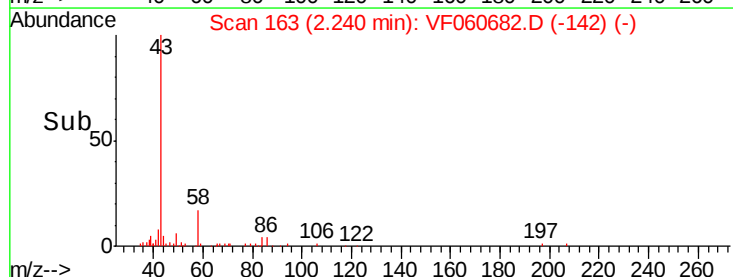
10000

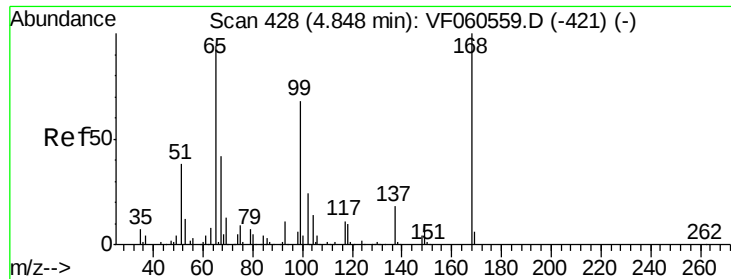
5000

0

2.10 2.20 2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 72.463 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.01 min

Lab File: VF060682.D

Acq: 9 Nov 2018 20:04

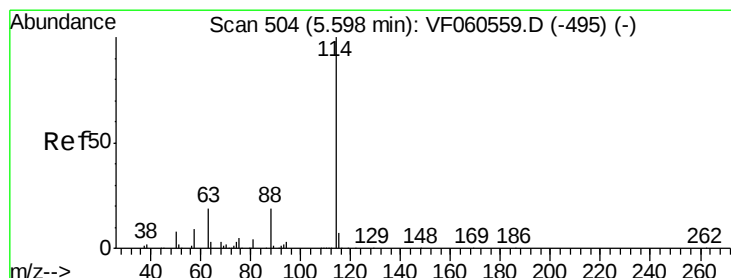
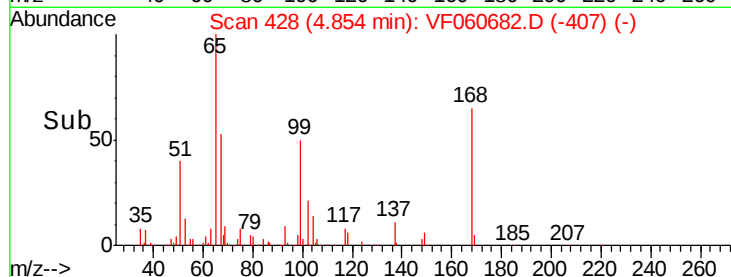
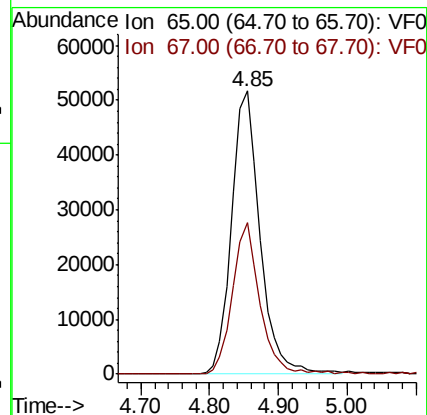
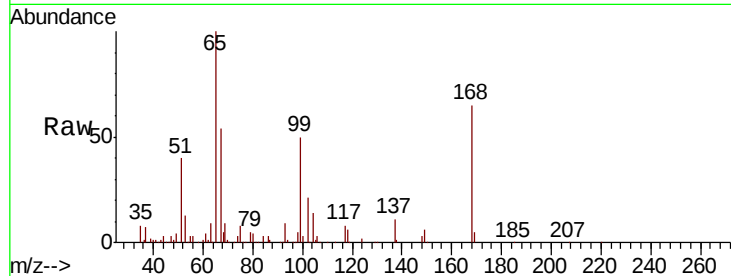
Instrument :
MSVOA_F
ClientSampleId :
48382-47191-47202

Tot Ion: 65 Resp: 148410

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF060682.D

Acq: 9 Nov 2018 20:04

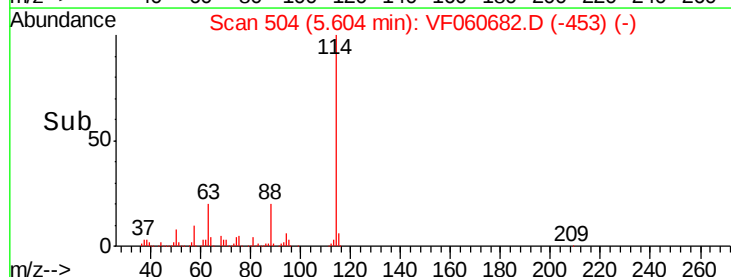
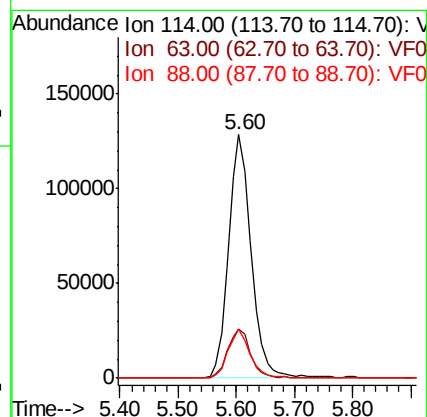
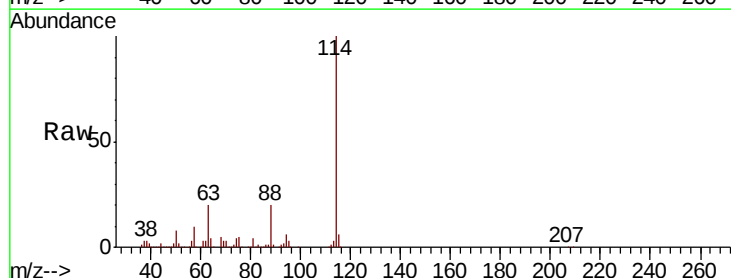
Tgt Ion: 114 Resp: 347363

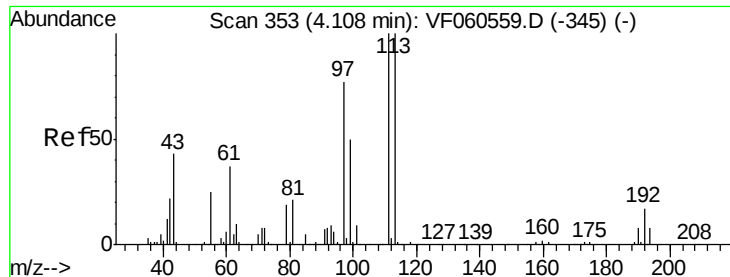
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

88 20.0 0.0 38.2





#35

Dibromofluoromethane

Concen: 64.825 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.02 min

Lab File: VF060682.D

Acq: 9 Nov 2018 20:04

Instrument :
MSVOA_F
ClientSampleId :
48382-47191-47202

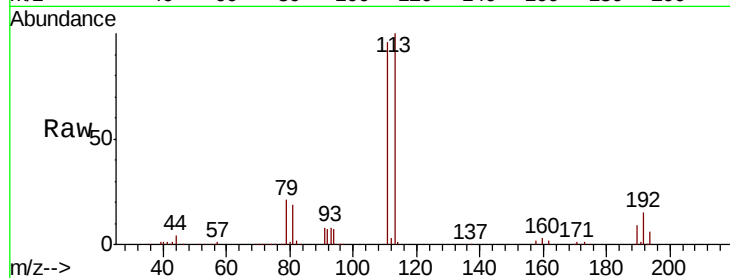
Tot Ion:113 Resp: 173973

Ion Ratio Lower Upper

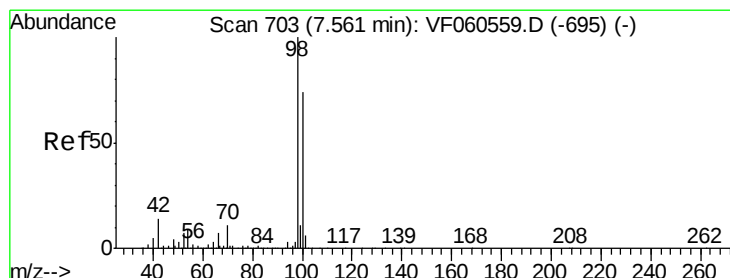
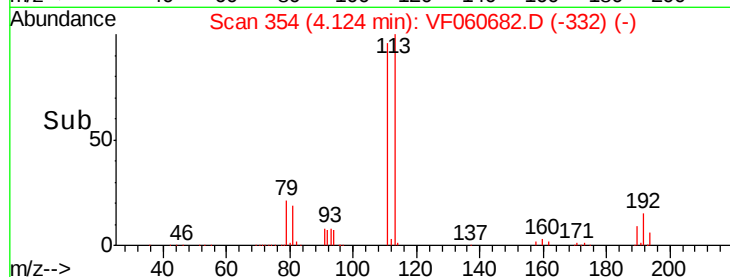
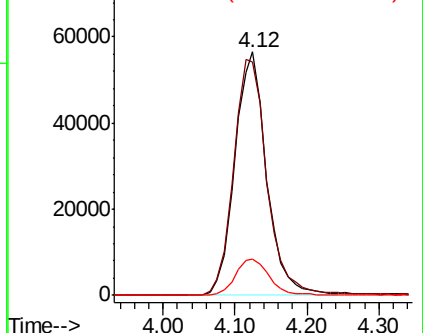
113 100

111 96.0 79.9 119.9

192 15.1 13.3 19.9



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



#50

Toluene-d8

Concen: 48.084 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.00 min

Lab File: VF060682.D

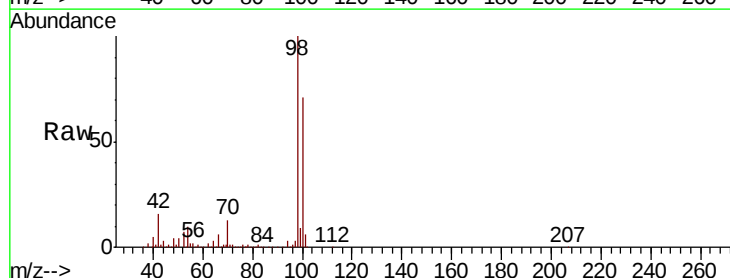
Acq: 9 Nov 2018 20:04

Tgt Ion: 98 Resp: 382267

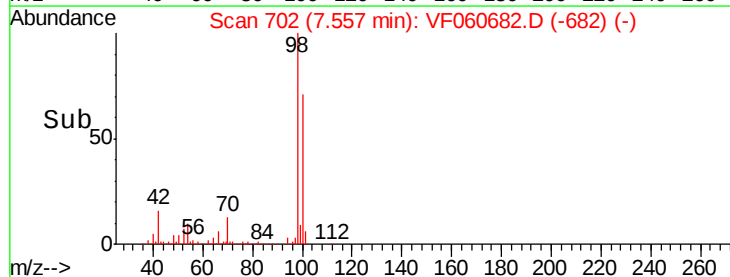
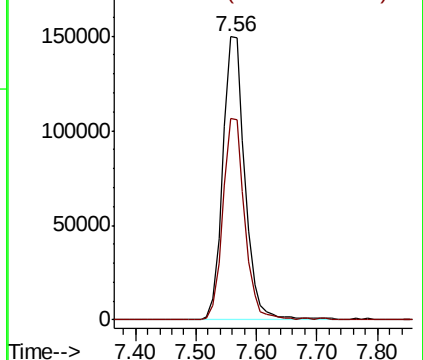
Ion Ratio Lower Upper

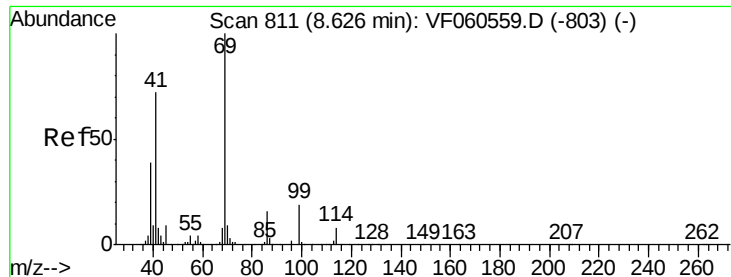
98 100

100 71.0 59.4 89.2



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

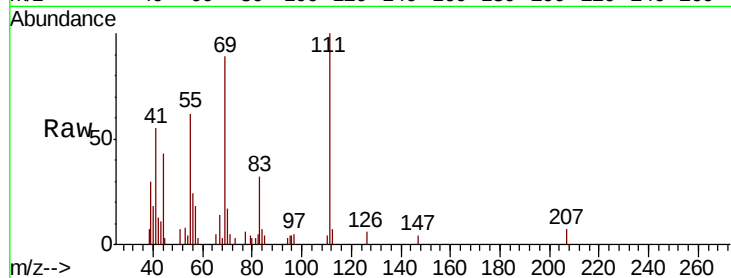




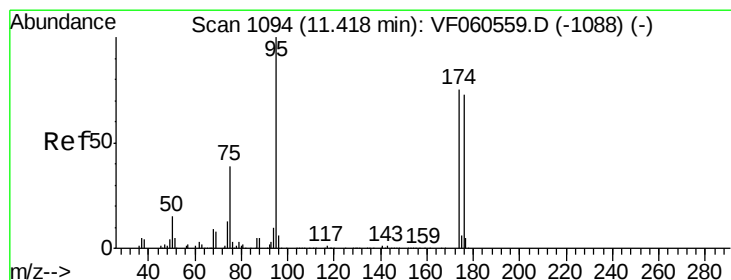
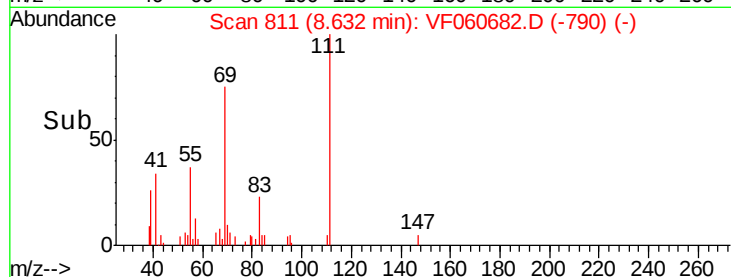
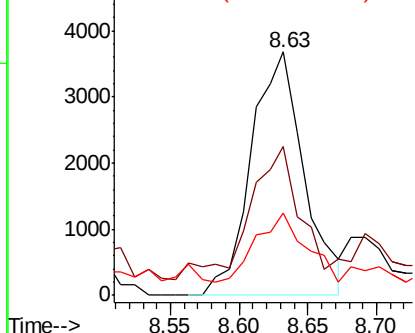
#56
Ethyl methacrylate
Concen: 4.360 ug/l
RT: 8.63 min Scan# 811
Delta R.T. 0.01 min
Lab File: VF060682.D
Acq: 9 Nov 2018 20:04

Instrument :
MSVOA_F
ClientSampleId :
48382-47191-47202

Tot Ion: 69 Resp: 9872
Ion Ratio Lower Upper
69 100
41 61.2 59.2 88.8
39 33.8 32.3 48.5

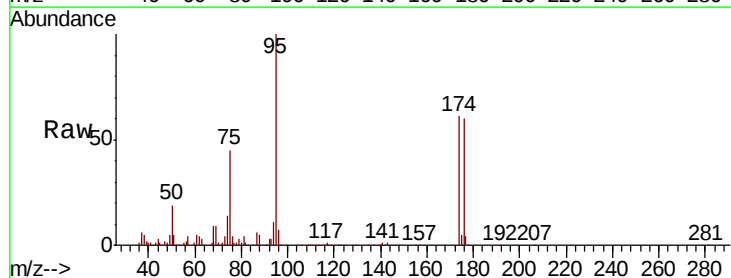


Abundance Ion 69.00 (68.70 to 69.70): VF0
Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

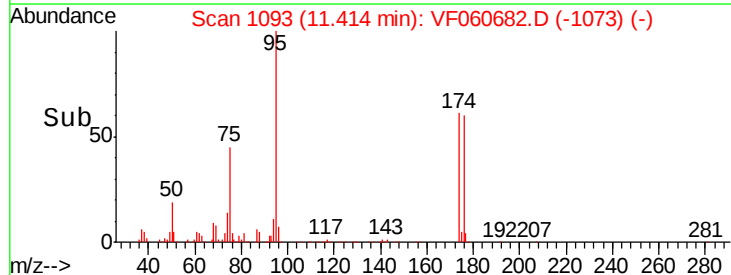
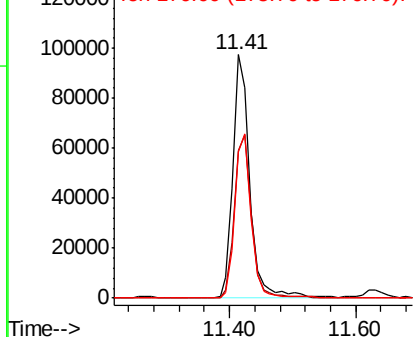


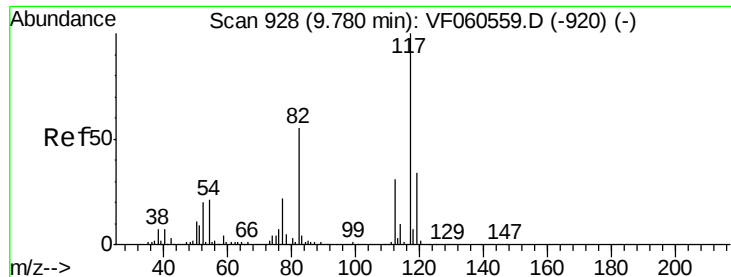
#62
4-Bromofluorobenzene
Concen: 51.878 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060682.D
Acq: 9 Nov 2018 20:04

Tgt Ion: 95 Resp: 180402
Ion Ratio Lower Upper
95 100
174 60.6 0.0 149.0
176 60.1 0.0 145.6



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

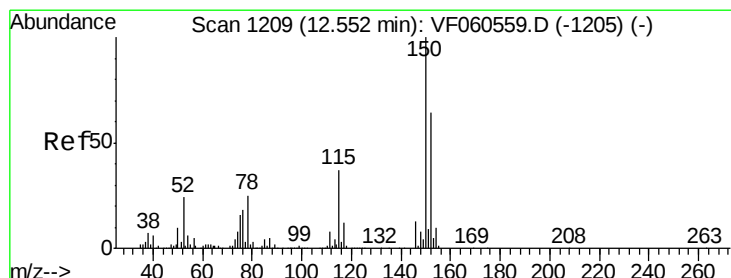
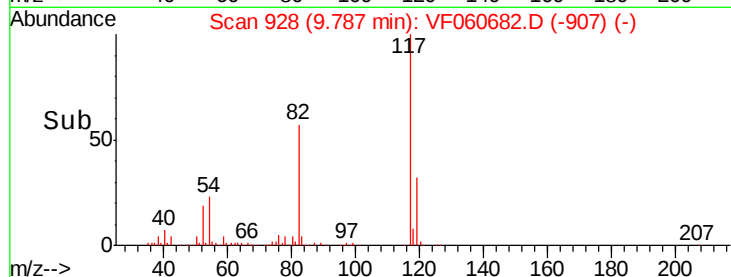
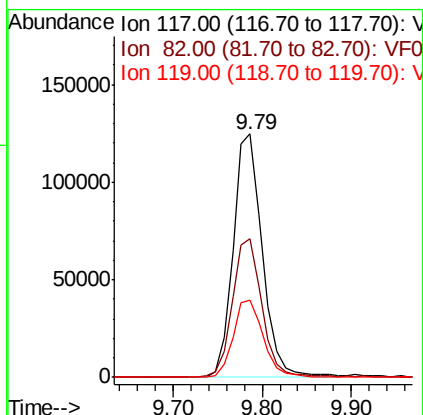
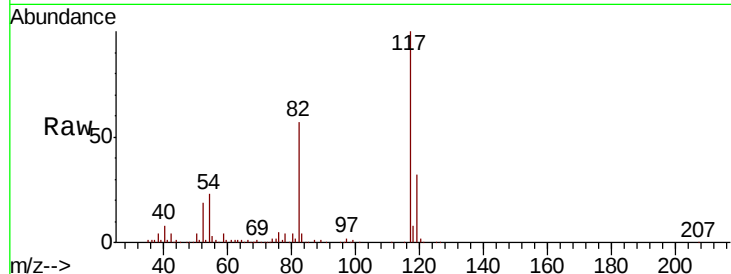




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF060682.D
Acq: 9 Nov 2018 20:04

Instrument :
MSVOA_F
ClientSampleId :
48382-47191-47202

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.9	65.9
119	31.9	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF060682.D
Acq: 9 Nov 2018 20:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	29.6	88.8
150	153.0	0.0	315.6

