

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092518\
 Data File : VF060332.D
 Acq On : 25 Sep 2018 18:40
 Operator : VA/AP
 Sample : J5064-01
 Misc : 12.50/5mL/MSVOA F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 COMP

Quant Time: Sep 26 02:52:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

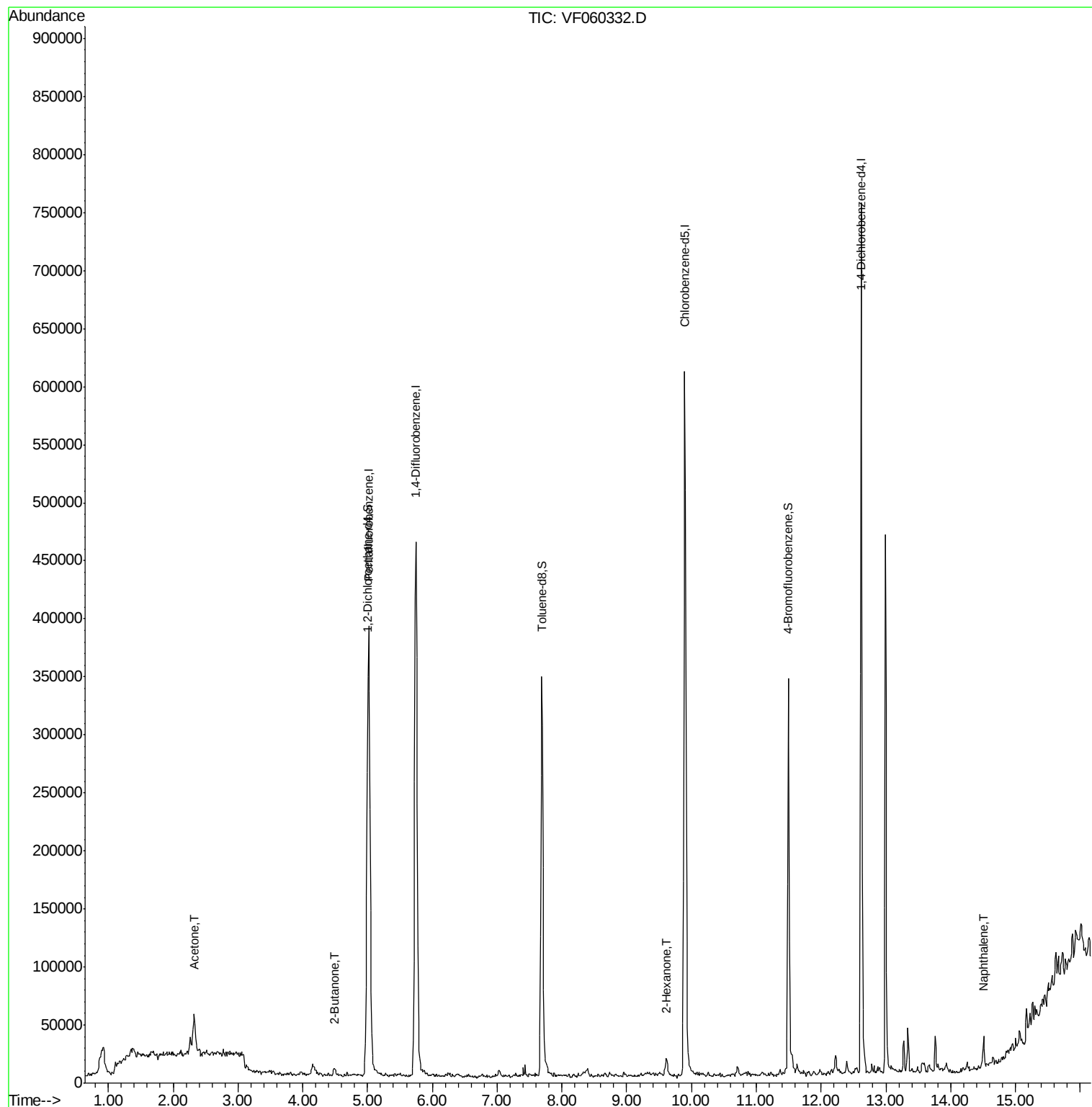
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	257329	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	481801	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	415904	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	179772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	150835	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
35) Dibromofluoromethane	4.14	113	229	0.05	ug/l	-0.15
Spiked Amount 50.000			Recovery	=	0.10%	
50) Toluene-d8	7.69	98	292992	26.20	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	52.40%	
62) 4-Bromofluorobenzene	11.49	95	127172	26.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.60%	
Target Compounds						
					Qvalue	
16) Acetone	2.33	43	52560	53.862	ug/l	99
25) 2-Butanone	4.49	43	12407	9.446	ug/l	98
59) 2-Hexanone	9.62	43	16788	9.993	ug/l	94
95) Naphthalene	14.51	128	12995	1.645	ug/l	97

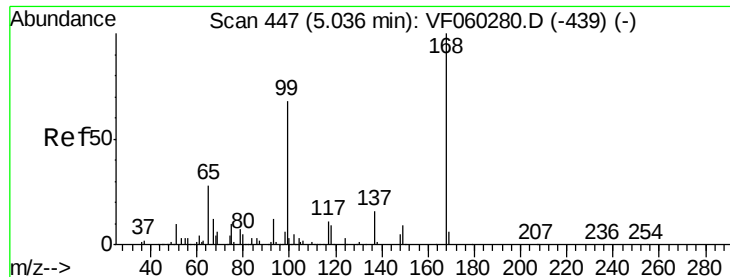
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
Data File : VF060332.D
Acq On : 25 Sep 2018 18:40
Operator : VA/AP
Sample : J5064-01
Misc : 12.50/5mL/MSVOA F/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
COMP

Quant Time: Sep 26 02:52:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.02 min

Lab File: VF060332.D

Acq: 25 Sep 2018 18:40

Instrument :

MSVOA_F

ClientSampleId :

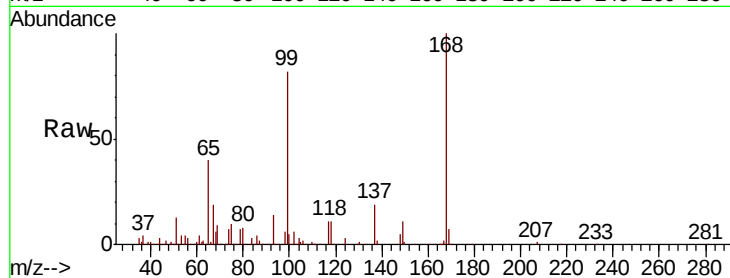
COMP

Tot Ion:168 Resp: 257329

Ion Ratio Lower Upper

168 100

99 81.9 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

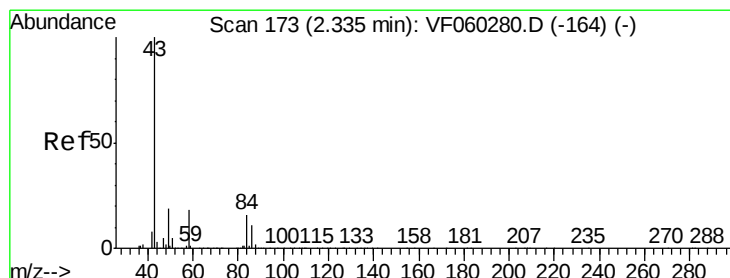
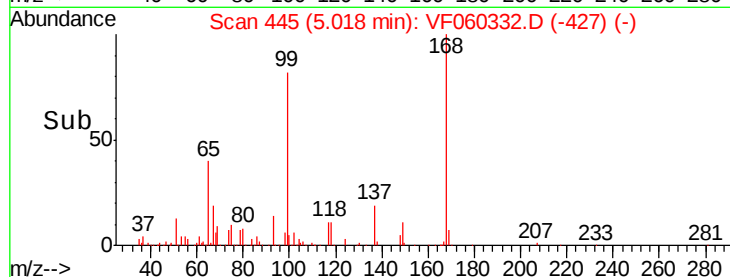
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 53.862 ug/l

RT: 2.33 min Scan# 172

Delta R.T. -0.01 min

Lab File: VF060332.D

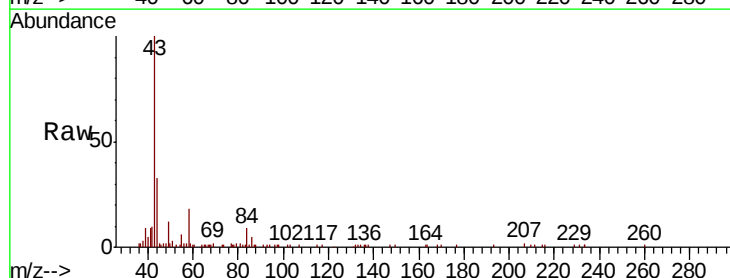
Acq: 25 Sep 2018 18:40

Tgt Ion: 43 Resp: 52560

Ion Ratio Lower Upper

43 100

58 17.8 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

20000

15000

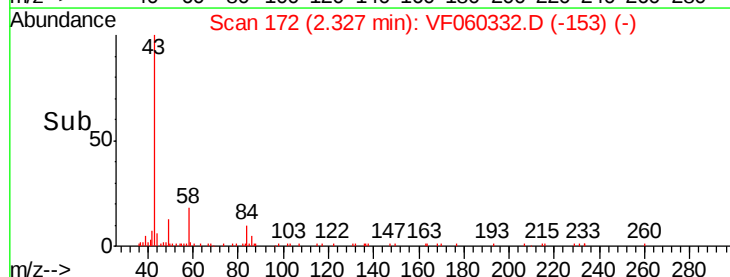
10000

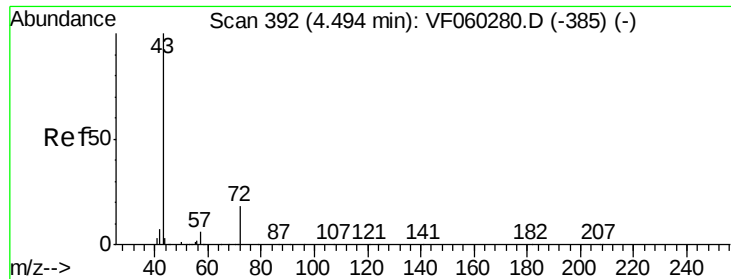
5000

0

2.20 2.30 2.40 2.50

Time-->

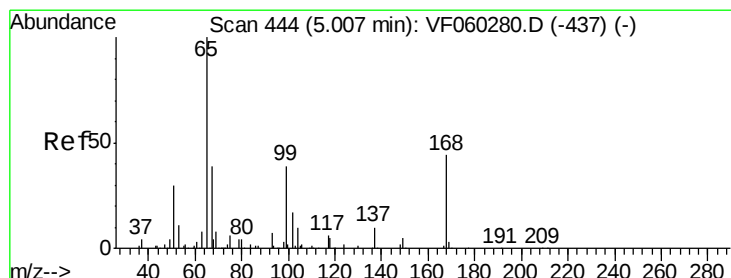
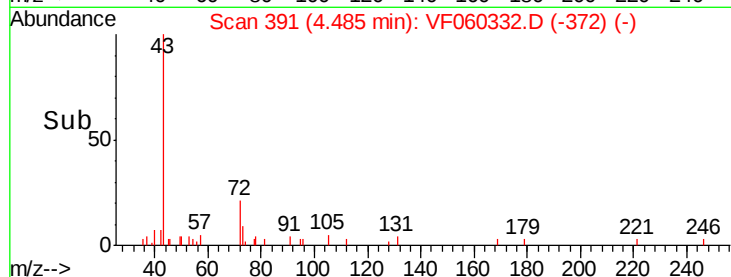
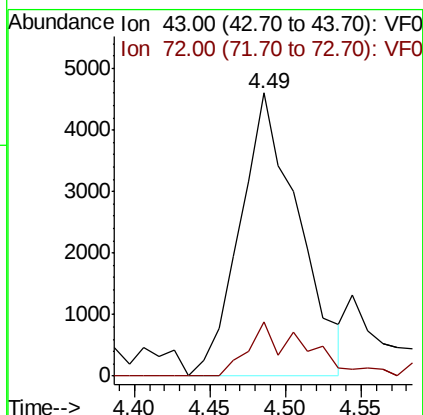
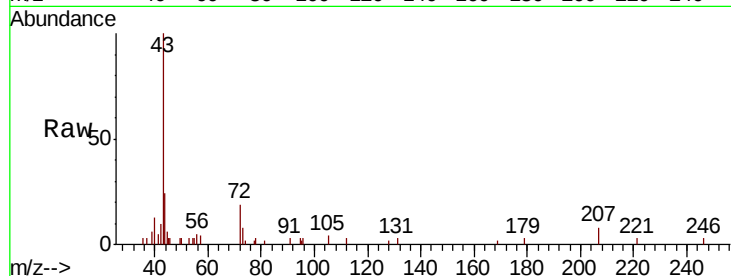




#25
2-Butanone
Concen: 9.446 ug/l
RT: 4.49 min Scan# 391
Delta R.T. -0.01 min
Lab File: VF060332.D
Acq: 25 Sep 2018 18:40

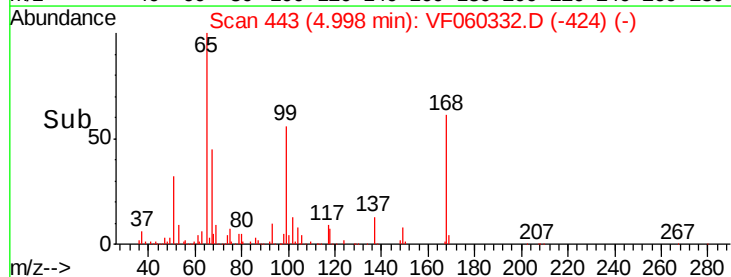
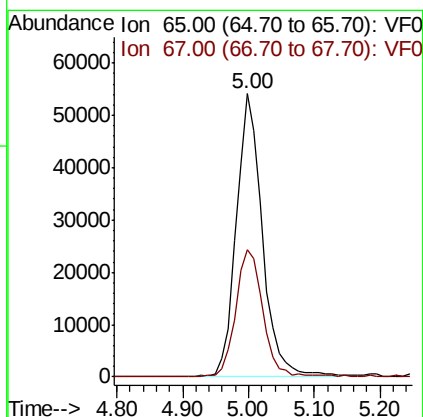
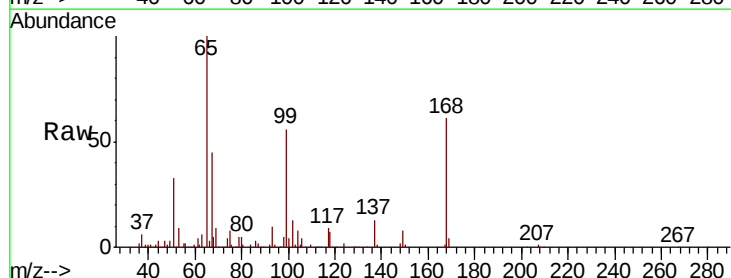
Instrument :
MSVOA_F
ClientSampleId :
COMP

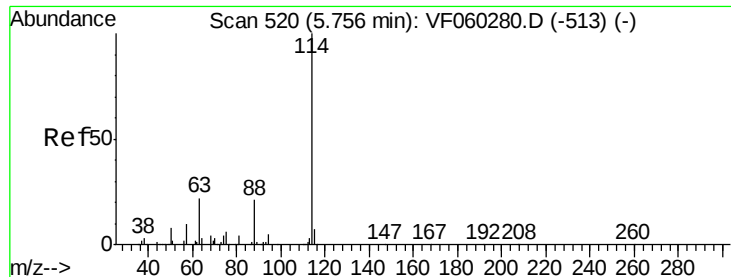
Tot Ion: 43 Resp: 12407
Ion Ratio Lower Upper
43 100
72 19.3 16.2 24.2



#33
1,2-Dichloroethane-d4
Concen: 43.531 ug/l
RT: 5.00 min Scan# 443
Delta R.T. -0.01 min
Lab File: VF060332.D
Acq: 25 Sep 2018 18:40

Tgt Ion: 65 Resp: 150835
Ion Ratio Lower Upper
65 100
67 45.1 0.0 94.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. -0.01 min

Lab File: VF060332.D

Acq: 25 Sep 2018 18:40

Instrument :

MSVOA_F

ClientSampleId :

COMP

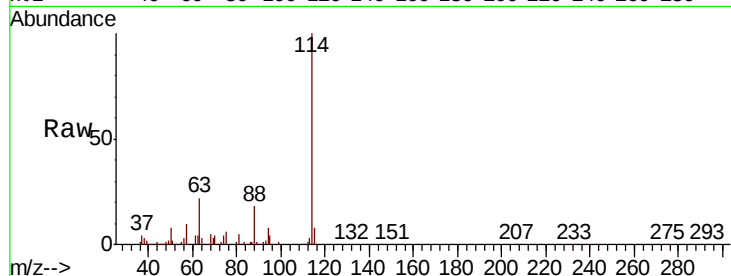
Tot Ion:114 Resp: 481801

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

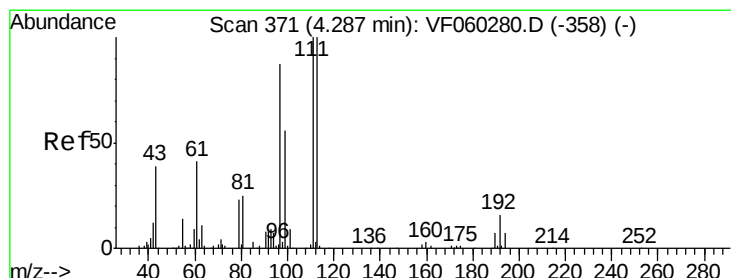
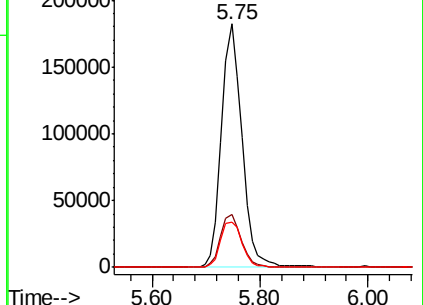
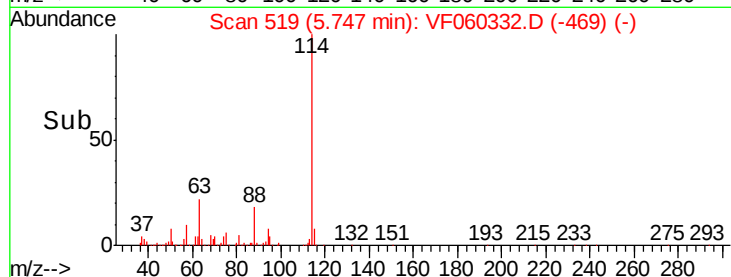
88 18.5 0.0 41.2



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: 0.053 ug/l

RT: 4.14 min Scan# 356

Delta R.T. -0.15 min

Lab File: VF060332.D

Acq: 25 Sep 2018 18:40

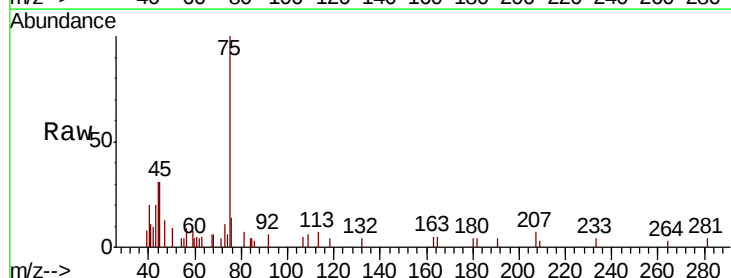
Tgt Ion:113 Resp: 229

Ion Ratio Lower Upper

113 100

111 0.0 79.6 119.4#

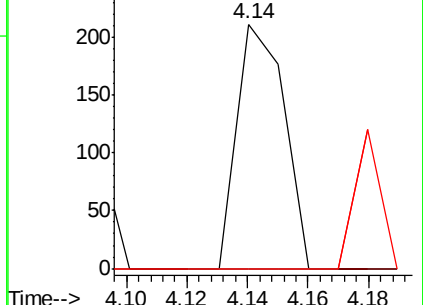
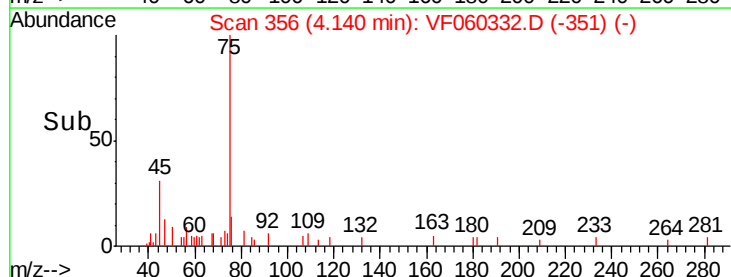
192 0.0 13.0 19.6#

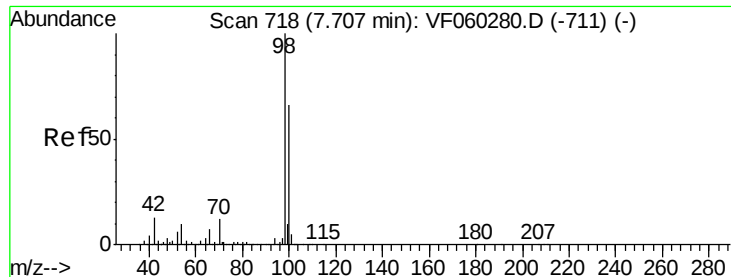


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 26.195 ug/l

RT: 7.69 min Scan# 716

Delta R.T. -0.02 min

Lab File: VF060332.D

Acq: 25 Sep 2018 18:40

Instrument :

MSVOA_F

ClientSampleId :

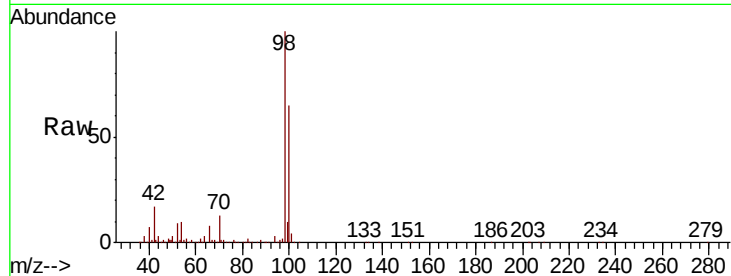
COMP

Tot Ion: 98 Resp: 292992

Ion Ratio Lower Upper

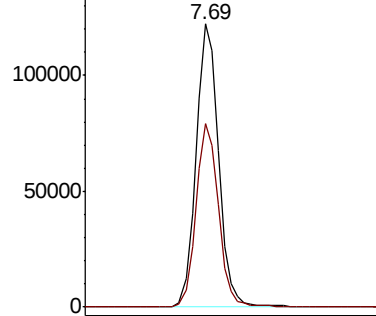
98 100

100 64.6 53.0 79.6

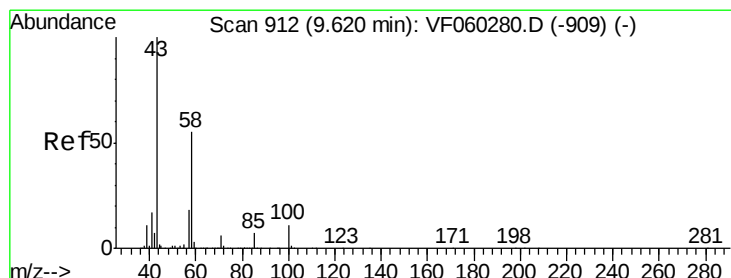
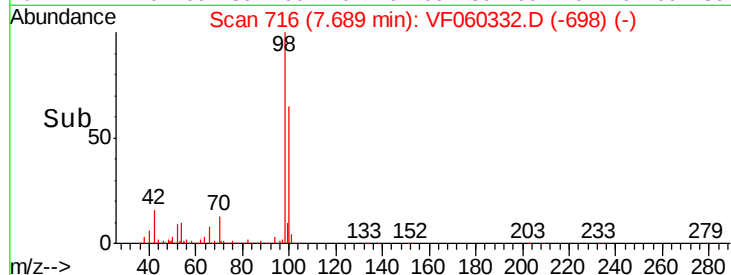


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->



#59

2-Hexanone

Concen: 9.993 ug/l

RT: 9.62 min Scan# 912

Delta R.T. 0.00 min

Lab File: VF060332.D

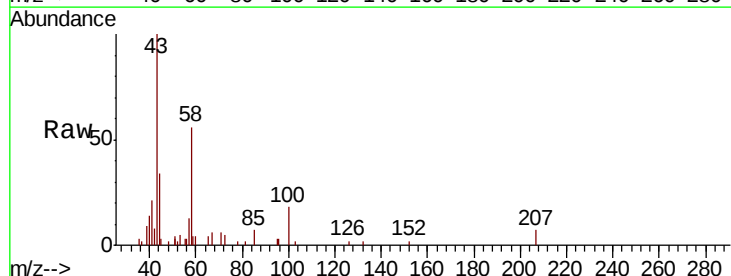
Acq: 25 Sep 2018 18:40

Tgt Ion: 43 Resp: 16788

Ion Ratio Lower Upper

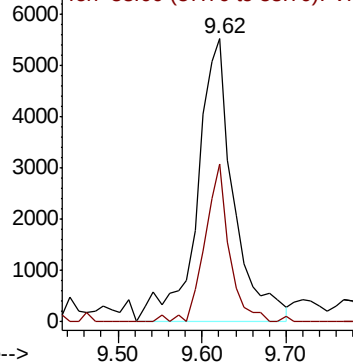
43 100

58 55.8 25.9 77.6

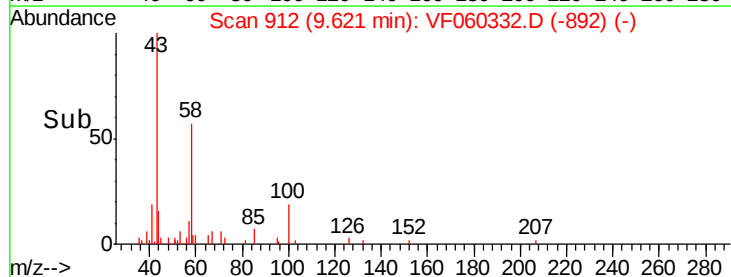


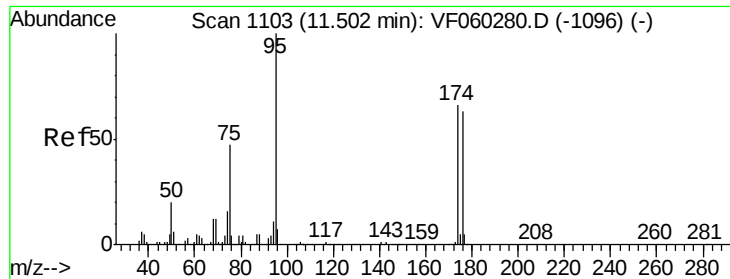
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->

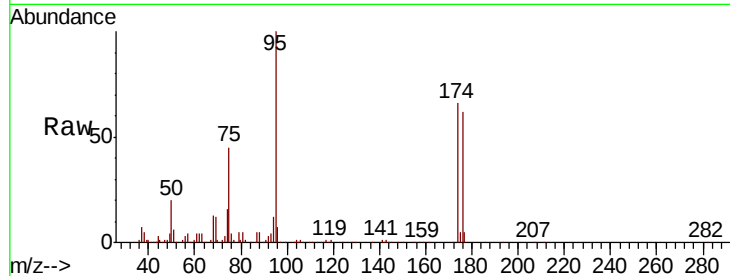




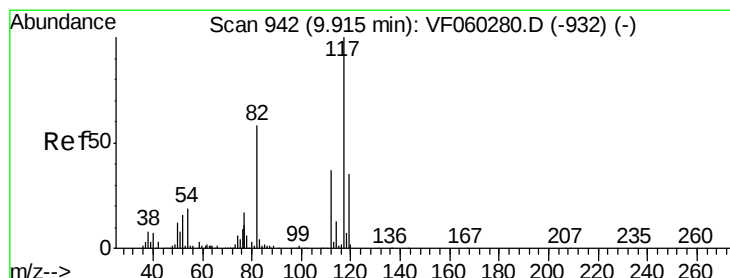
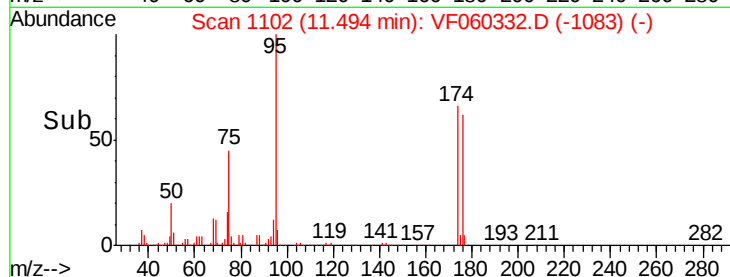
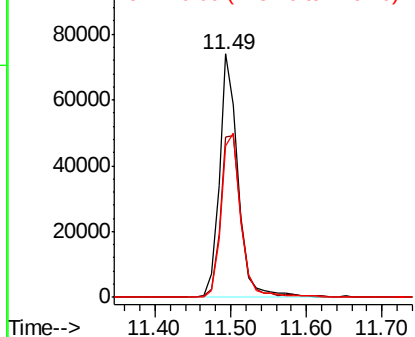
#62
4-Bromofluorobenzene
Concen: 26.303 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VF060332.D
Acq: 25 Sep 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
COMP

Tot Ion: 95 Resp: 127172
Ion Ratio Lower Upper
95 100
174 66.1 0.0 131.2
176 62.3 0.0 126.6

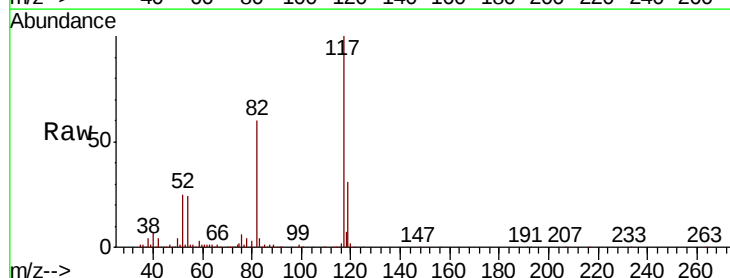


Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

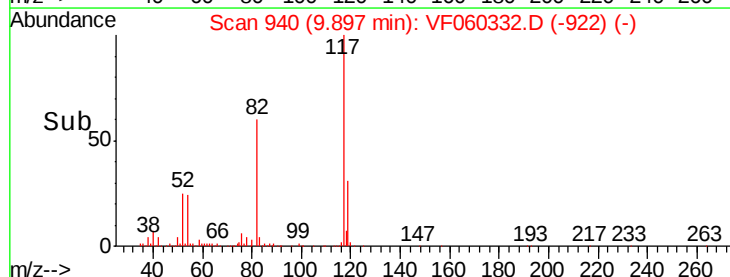
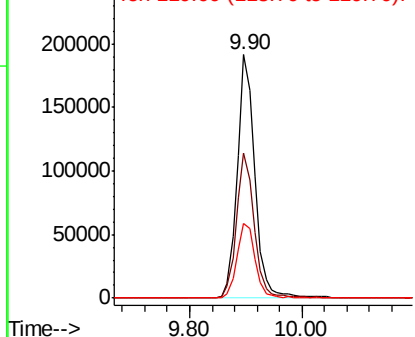


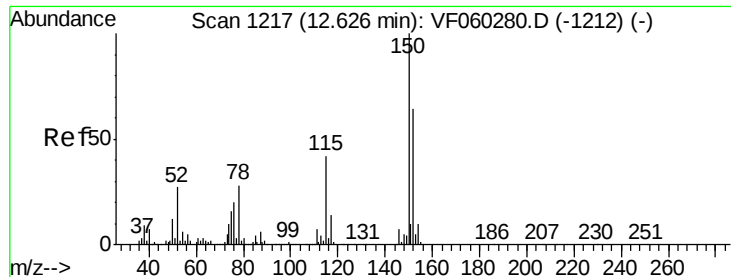
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060332.D
Acq: 25 Sep 2018 18:40

Tgt Ion: 117 Resp: 415904
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.2
119 30.9 27.8 41.6



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



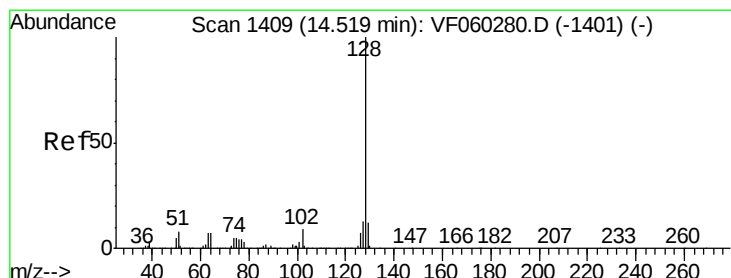
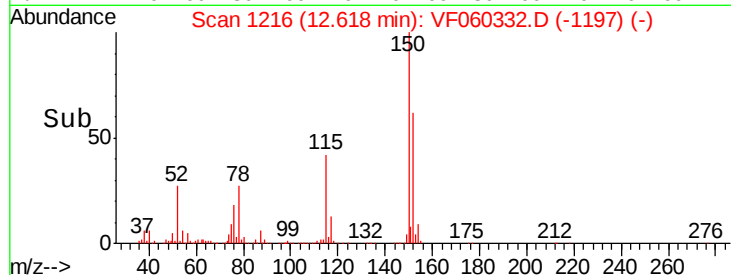
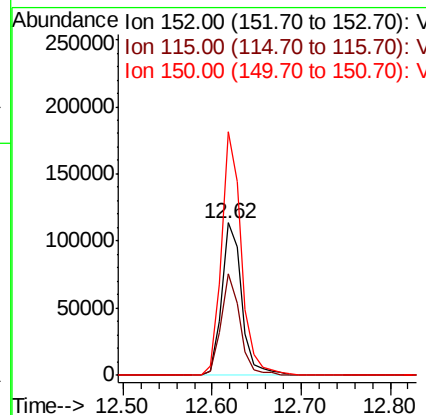
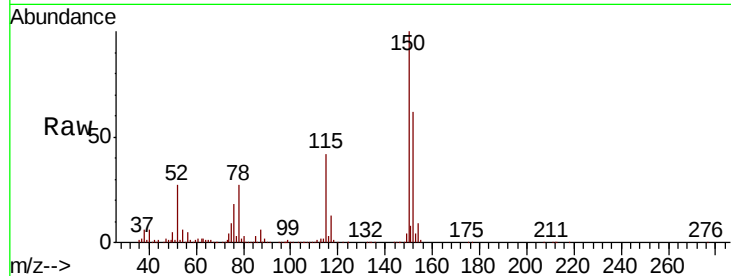


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF060332.D
Acq: 25 Sep 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
COMP

Tot Ion	Ratio	Lower	Upper
152	100		
115	66.8	32.6	97.8
150	160.1	0.0	314.2



#95

Naphthalene
Concen: 1.645 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VF060332.D
Acq: 25 Sep 2018 18:40

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.2	9.8	14.8

