

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
 Data File : VF060334.D
 Acq On : 25 Sep 2018 19:35
 Operator : VA/AP
 Sample : J4779-05
 Misc : 7.34/5mL/MSVOA F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-092418-A

Quant Time: Sep 26 02:57:55 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

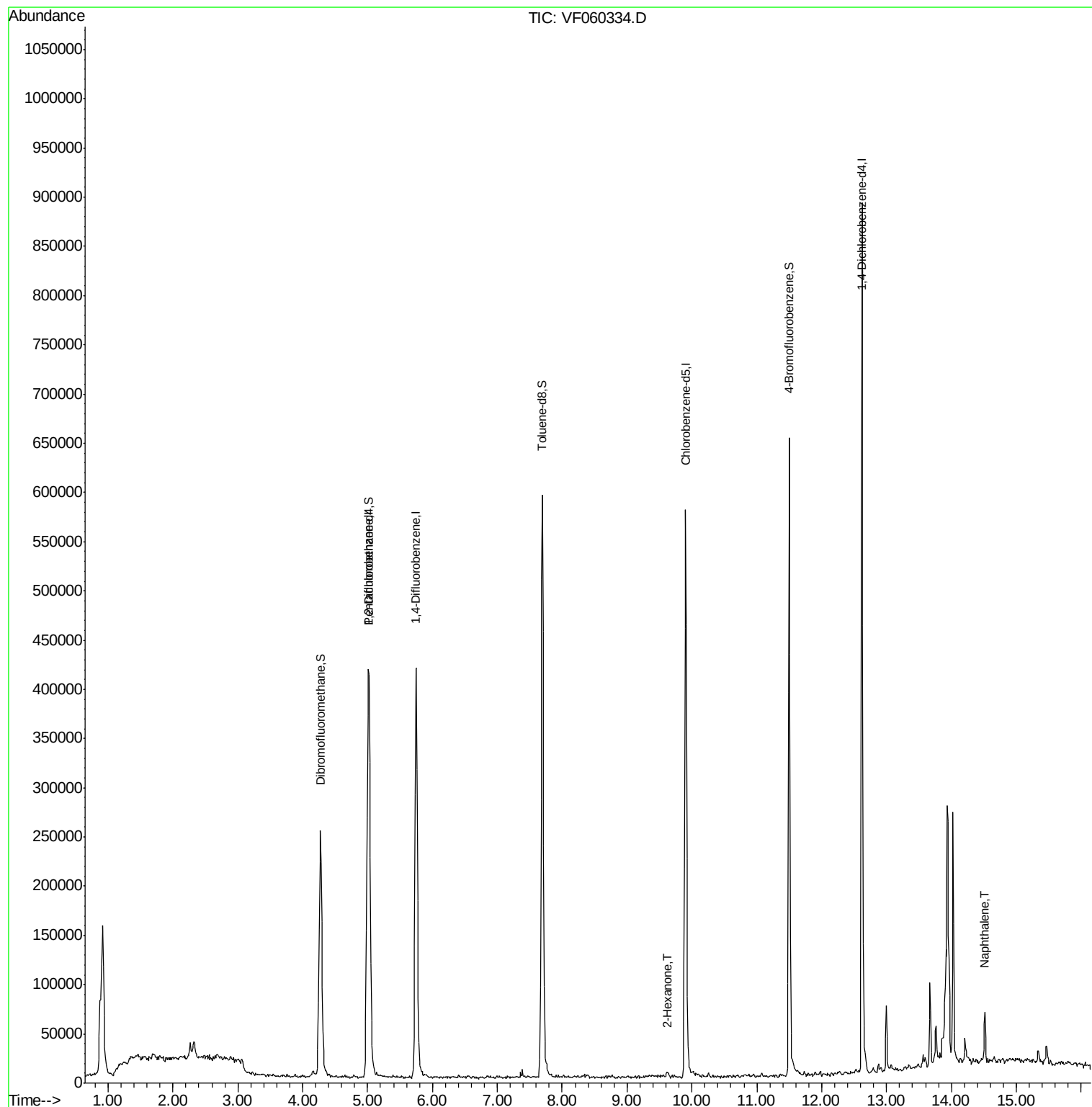
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	267057	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	456540	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	402056	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	207754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	223531	62.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.32%	
35) Dibromofluoromethane	4.27	113	233109	57.28	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	114.56%	
50) Toluene-d8	7.69	98	492504	46.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.94%	
62) 4-Bromofluorobenzene	11.50	95	226474	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
59) 2-Hexanone	9.62	43	5603	3.520	ug/l	71
95) Naphthalene	14.51	128	29124	3.190	ug/l	99

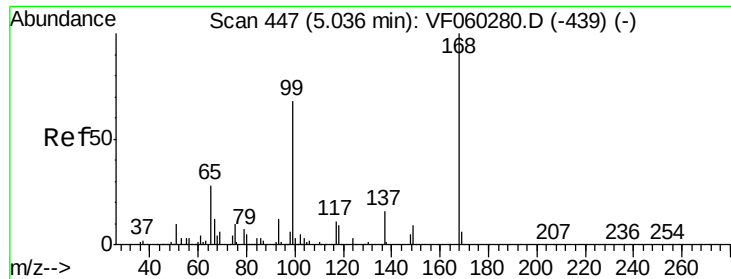
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.01 min

Lab File: VF060334.D

Acq: 25 Sep 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

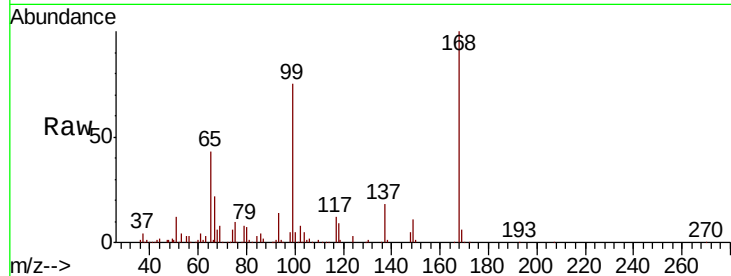
SU-02-092418-A

Tot Ion:168 Resp: 267057

Ion Ratio Lower Upper

168 100

99 75.0 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

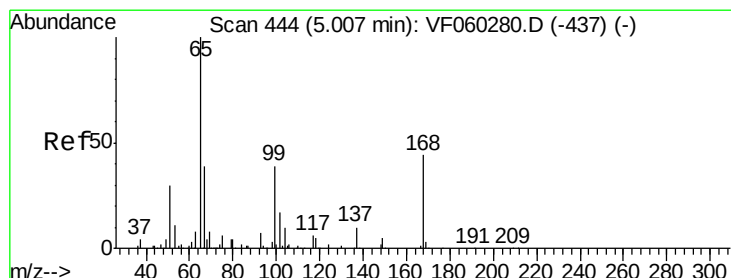
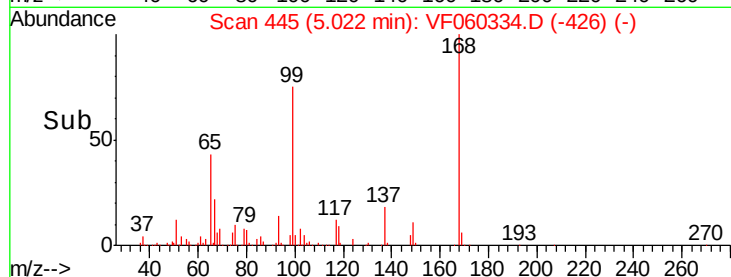
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.161 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.00 min

Lab File: VF060334.D

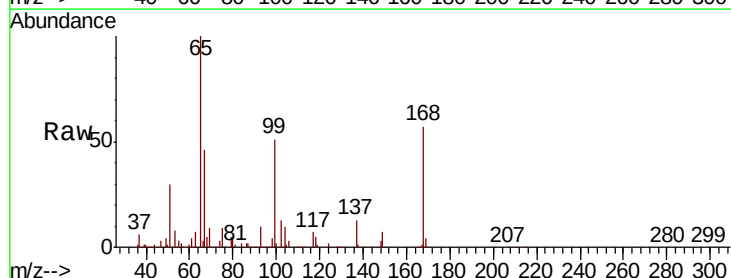
Acq: 25 Sep 2018 19:35

Tgt Ion: 65 Resp: 223531

Ion Ratio Lower Upper

65 100

67 45.5 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

80000

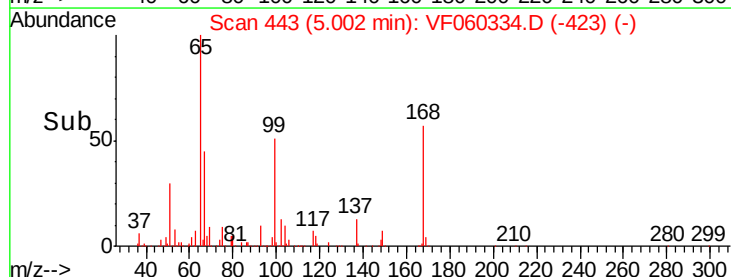
60000

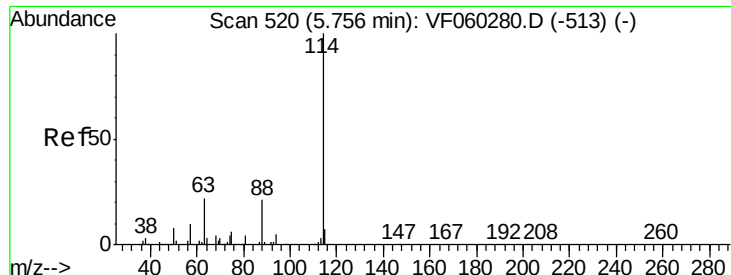
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20000

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Time-->

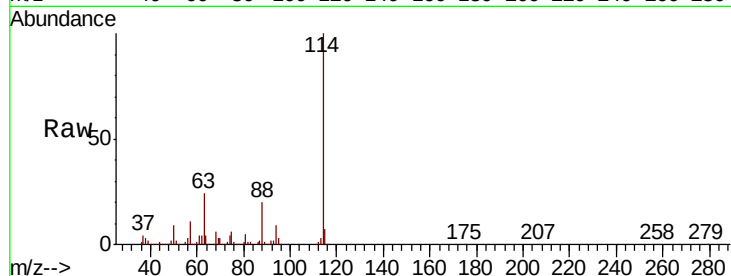




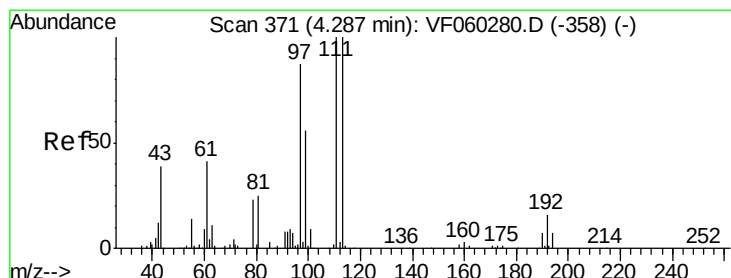
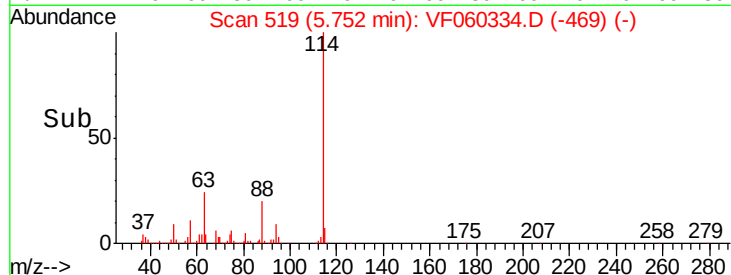
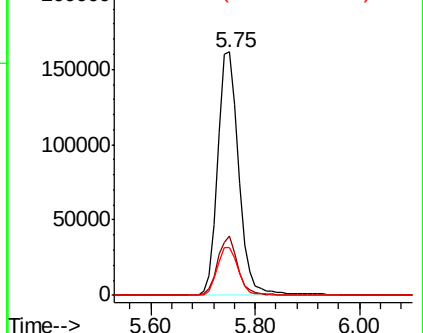
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: VF060334.D
 Acq: 25 Sep 2018 19:35

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-092418-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	43.8
88	19.9	0.0	41.2

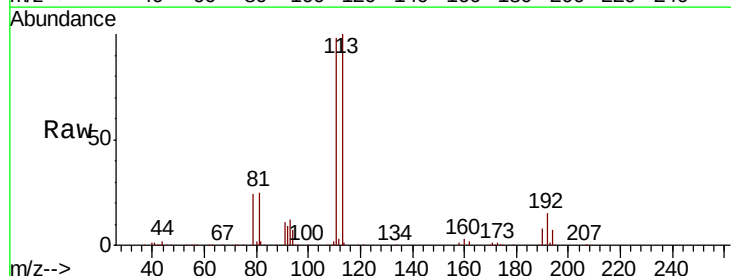


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

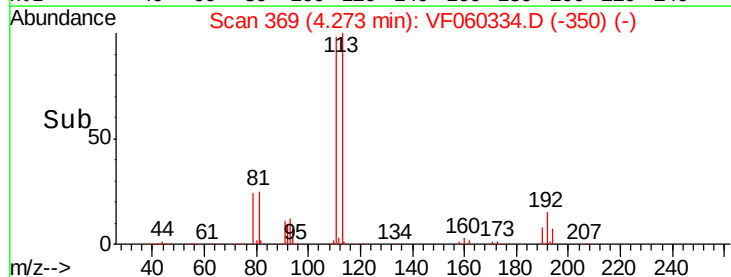
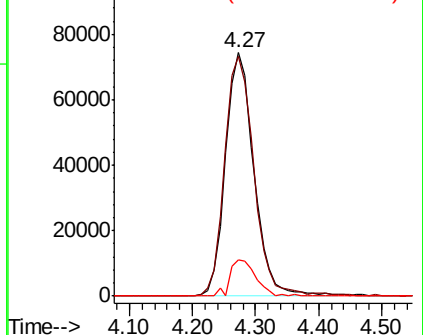


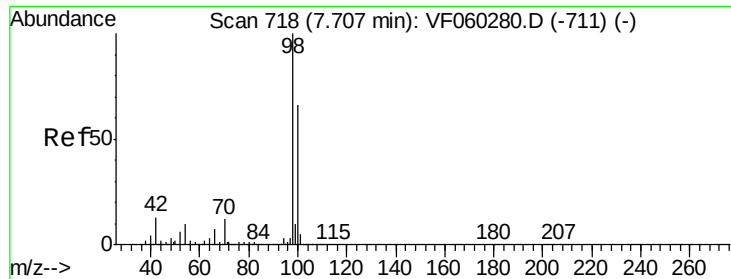
#35
 Dibromofluoromethane
 Concen: 57.279 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: VF060334.D
 Acq: 25 Sep 2018 19:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	97.6	79.6	119.4
192	14.7	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

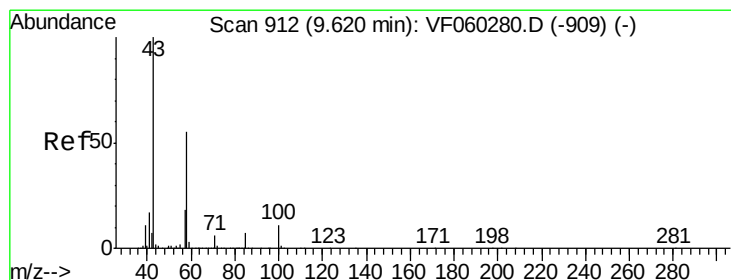
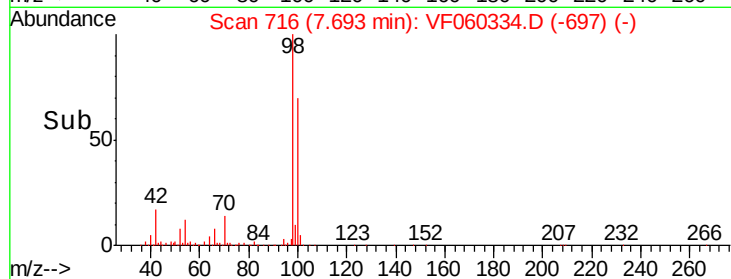
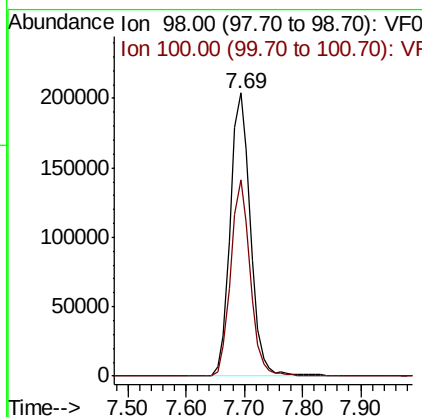
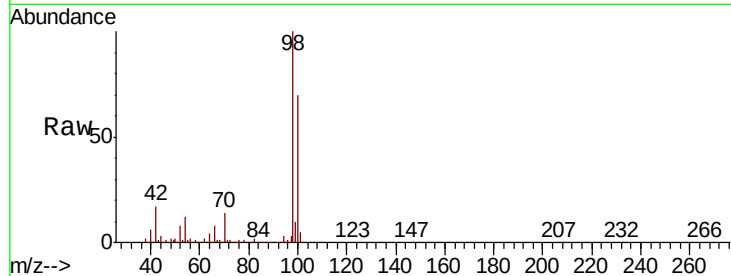




#50
Toluene-d8
Concen: 46.469 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.01 min
Lab File: VF060334.D
Acq: 25 Sep 2018 19:35

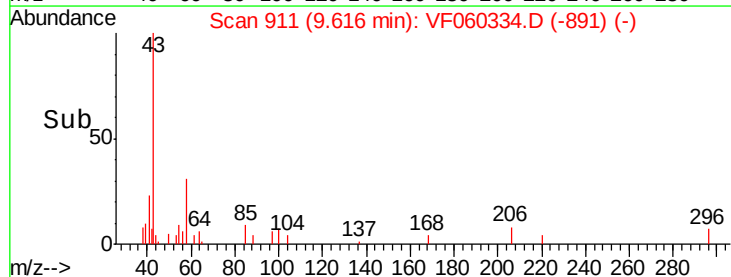
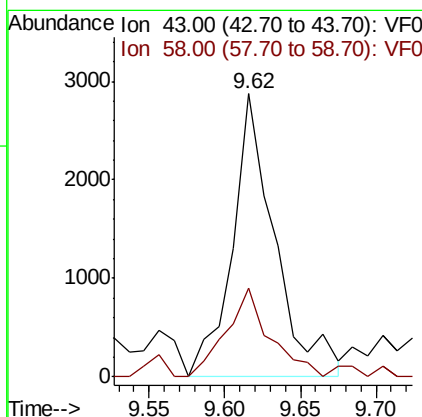
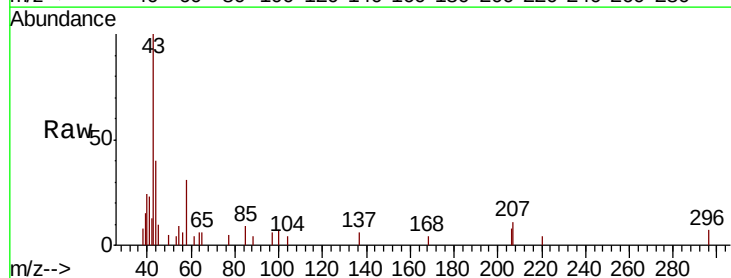
Instrument :
MSVOA_F
ClientSampleId :
SU-02-092418-A

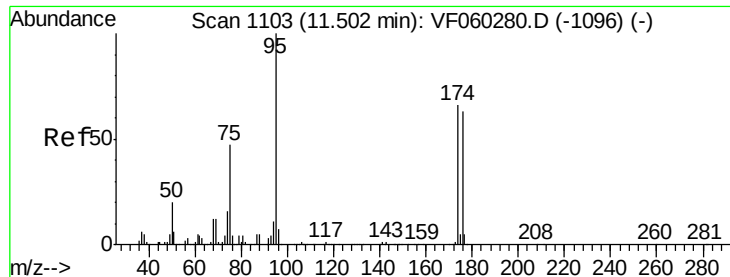
Tot Ion: 98 Resp: 492504
Ion Ratio Lower Upper
98 100
100 69.6 53.0 79.6



#59
2-Hexanone
Concen: 3.520 ug/l
RT: 9.62 min Scan# 911
Delta R.T. -0.00 min
Lab File: VF060334.D
Acq: 25 Sep 2018 19:35

Tgt Ion: 43 Resp: 5603
Ion Ratio Lower Upper
43 100
58 31.3 25.9 77.6





#62

4-Bromofluorobenzene

Concen: 49.434 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VF060334.D

Acq: 25 Sep 2018 19:35

Instrument :

MSVOA_F

ClientSampleId :

SU-02-092418-A

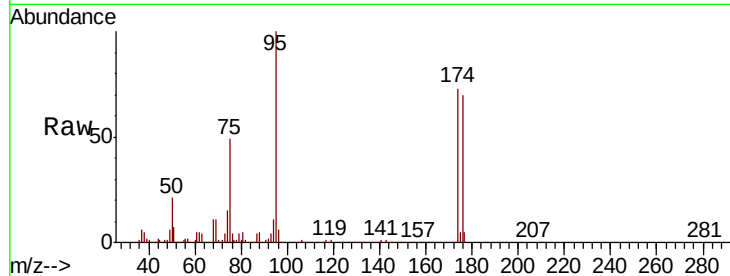
Tot Ion: 95 Resp: 226474

Ion Ratio Lower Upper

95 100

174 73.2 0.0 131.2

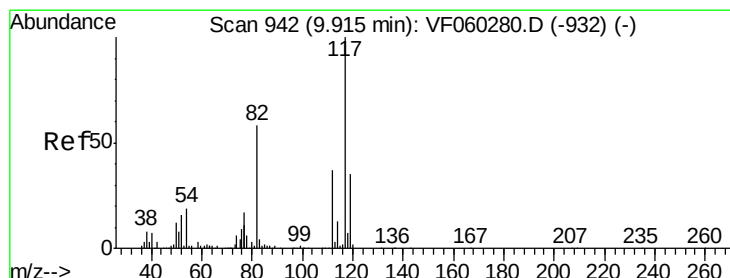
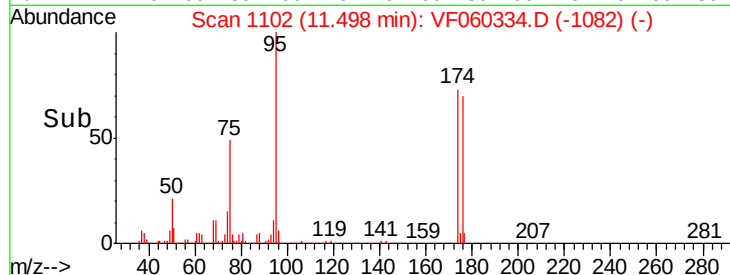
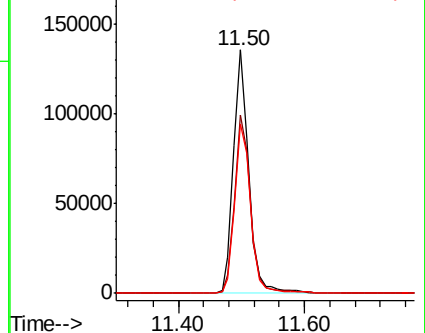
176 69.8 0.0 126.6



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. -0.01 min

Lab File: VF060334.D

Acq: 25 Sep 2018 19:35

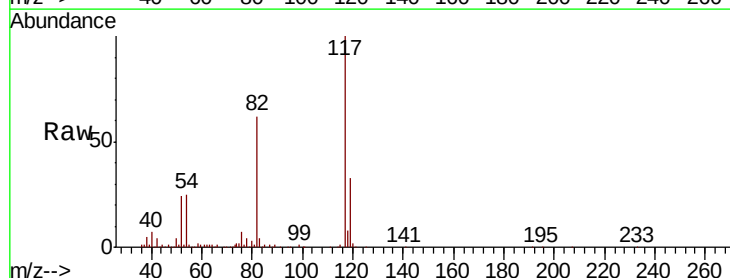
Tgt Ion: 117 Resp: 402056

Ion Ratio Lower Upper

117 100

82 62.0 46.2 69.2

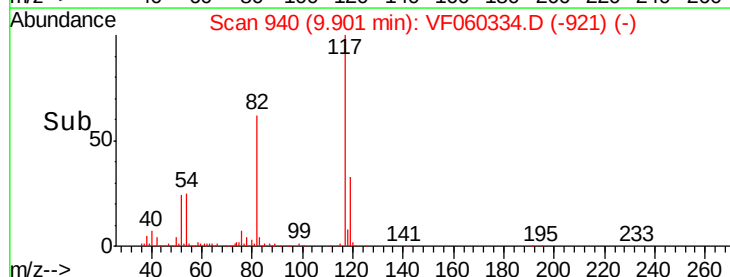
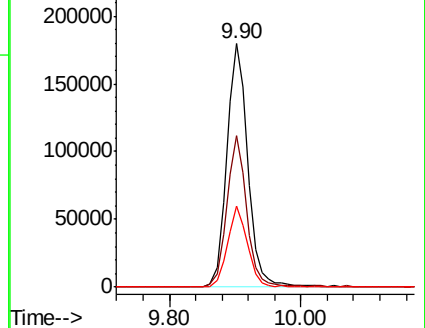
119 33.2 27.8 41.6

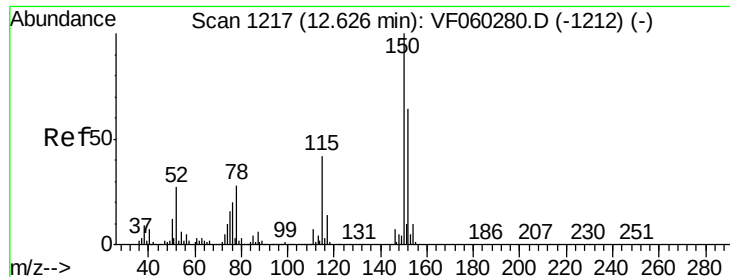


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

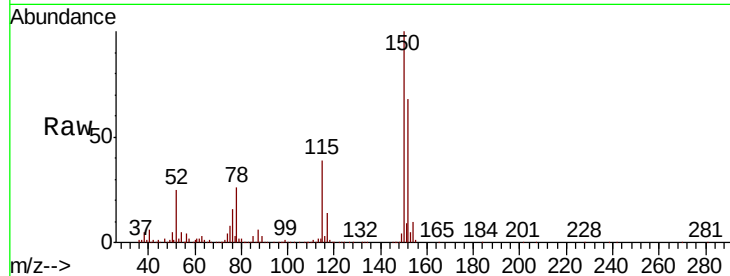




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.62 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: VF060334.D
 Acq: 25 Sep 2018 19:35

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-092418-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	32.6	97.8
150	146.8	0.0	314.2

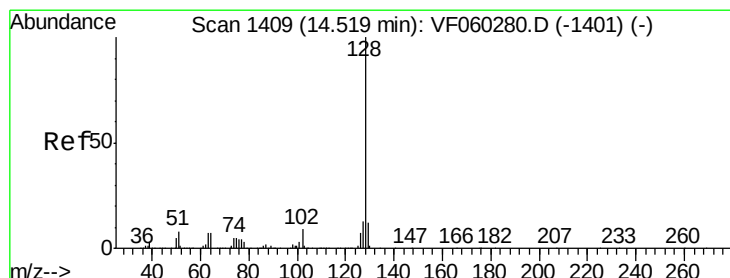
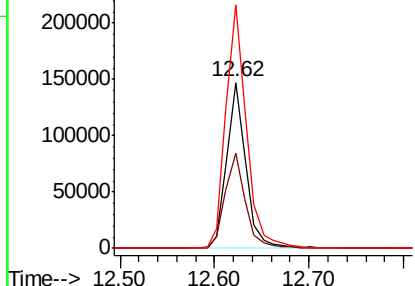
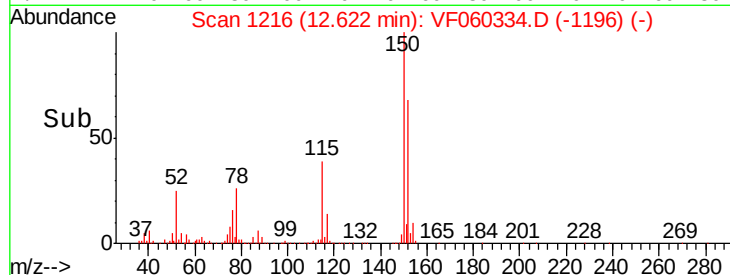


Abundance

Ion 152.00 (151.70 to 152.70): V

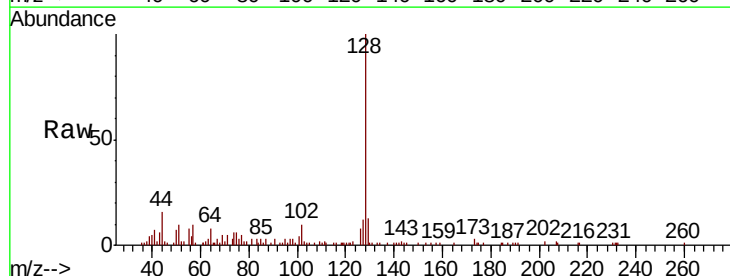
Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#95
 Naphthalene
 Concen: 3.190 ug/l
 RT: 14.51 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: VF060334.D
 Acq: 25 Sep 2018 19:35

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	12.7	9.8	14.8



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

