

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
 Data File : VF060916.D
 Acq On : 6 Dec 2018 14:42
 Operator : VA/AP
 Sample : J6194-03
 Misc : 6.66g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-02-120418-B

Quant Time: Dec 06 16:40:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

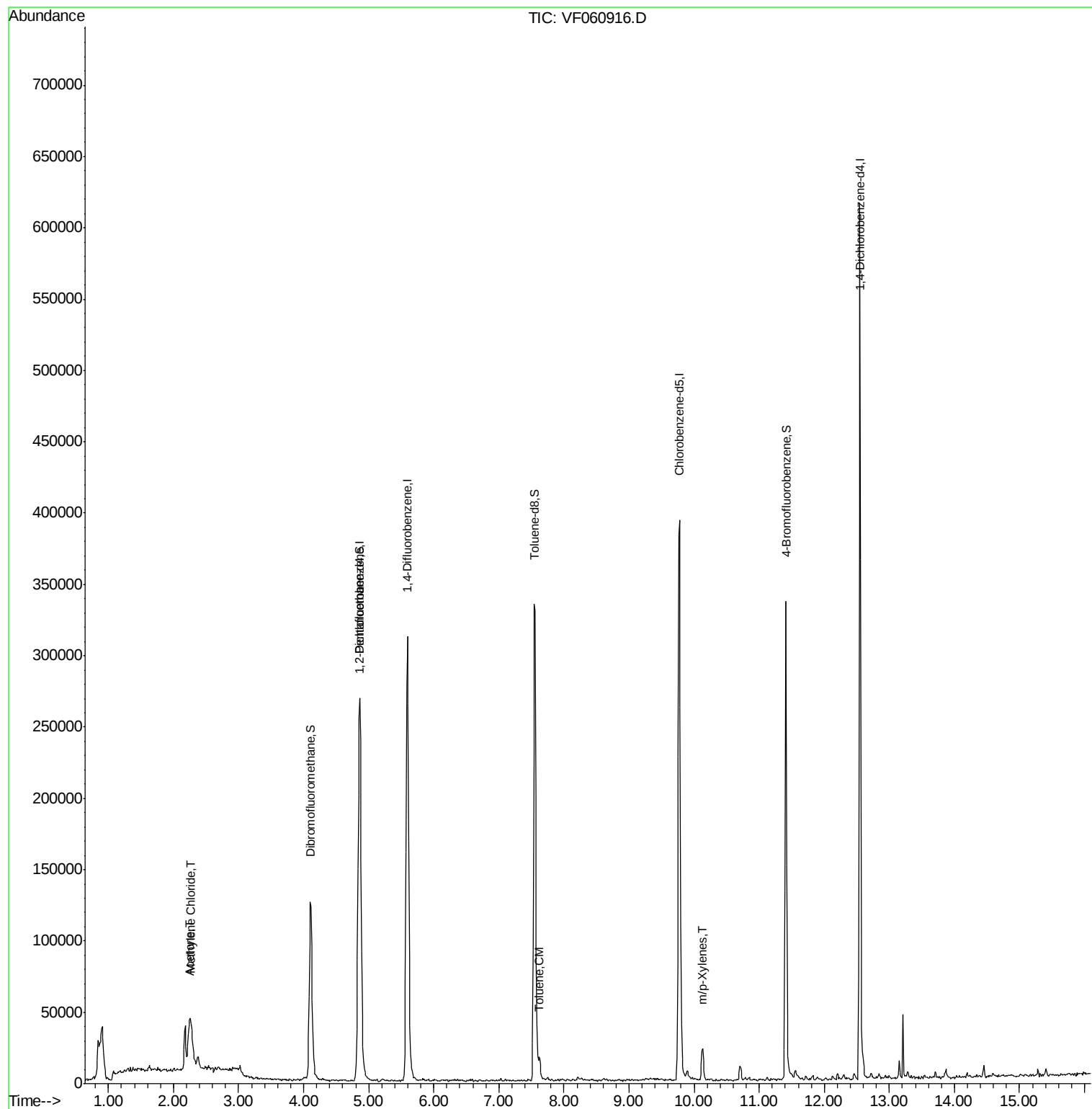
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	205619	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	345990	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	288700	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	149389	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	102079	42.14	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	84.28%	
35) Dibromofluoromethane	4.10	113	120909	44.05	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	88.10%	
50) Toluene-d8	7.56	98	282968	35.00	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	70.00%	
62) 4-Bromofluorobenzene	11.40	95	137435	37.40	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	74.80%	
Target Compounds						
16) Acetone	2.24	43	13810	30.917	ug/l #	89
20) Methylene Chloride	2.27	84	25901	15.806	ug/l	97
52) Toluene	7.62	92	7267	1.220	ug/l	81
68) m/p-Xylenes	10.13	106	7007	1.863	ug/l	79

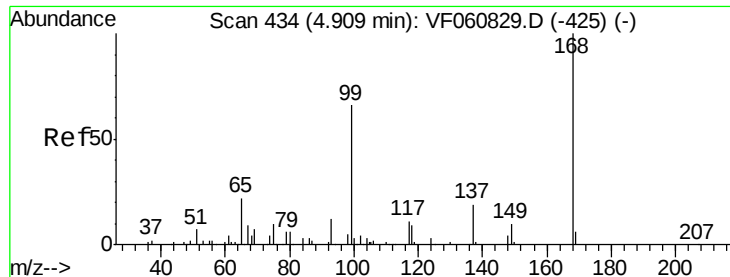
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120618\
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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF060916.D

Acq: 6 Dec 2018 14:42

Instrument :

MSVOA_F

ClientSampleId :

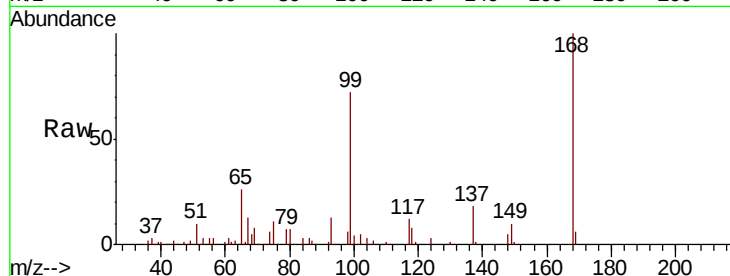
OK-02-120418-B

Tot Ion:168 Resp: 205619

Ion Ratio Lower Upper

168 100

99 71.6 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

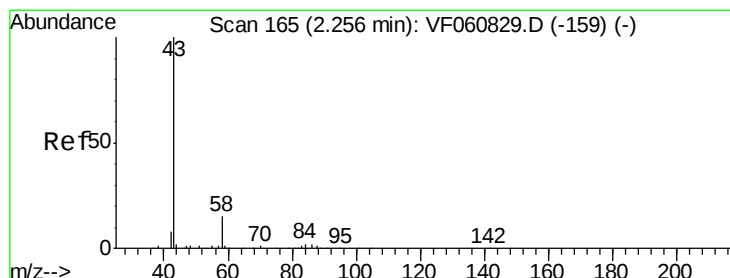
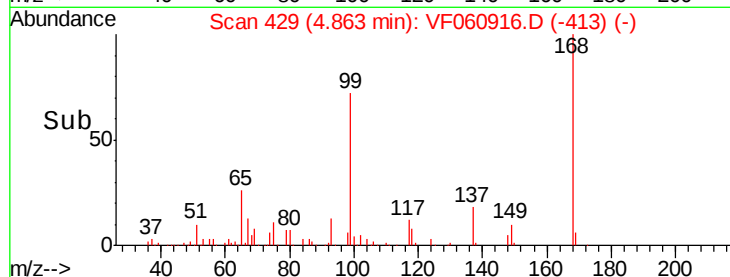
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 30.917 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060916.D

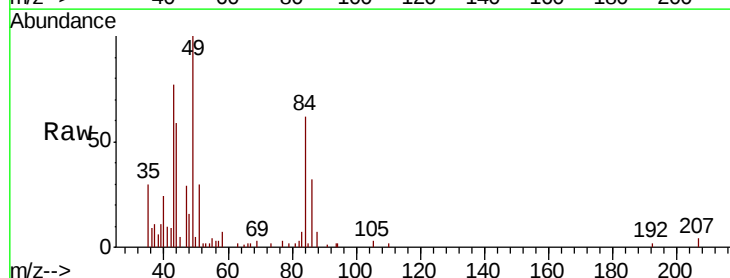
Acq: 6 Dec 2018 14:42

Tgt Ion: 43 Resp: 13810

Ion Ratio Lower Upper

43 100

58 9.7 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

6000

5000

4000

3000

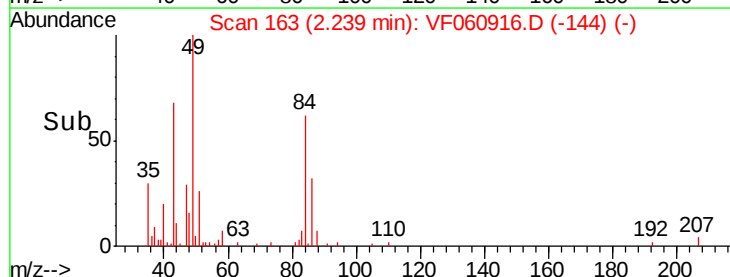
2000

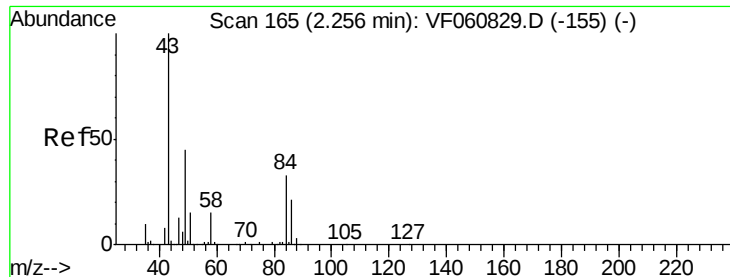
1000

0

Time-->

2.20 2.30

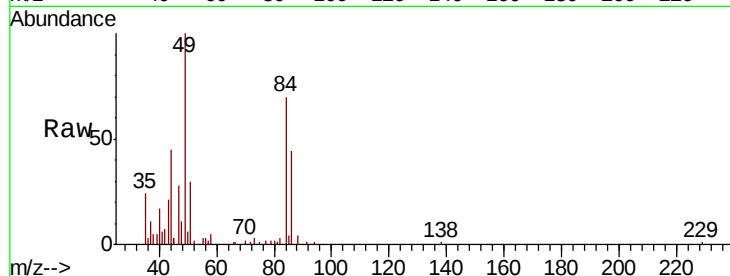




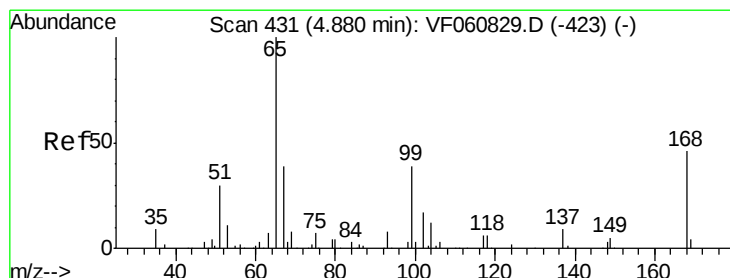
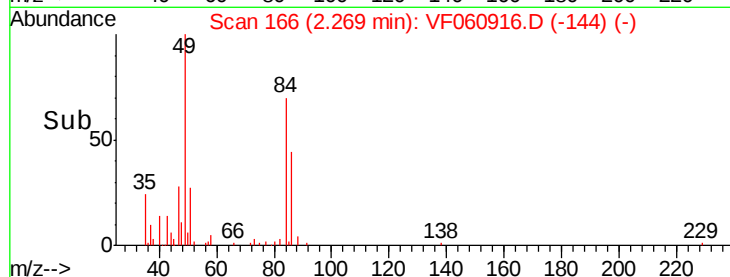
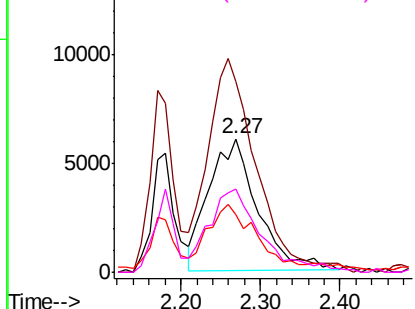
#20
Methvlene Chloride
Concen: 15.806 ug/l
RT: 2.27 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :
OK-02-120418-B

Tot Ion: 84 Resp: 25901
Ion Ratio Lower Upper
84 100
49 142.5 111.3 166.9
51 43.2 38.0 57.0
86 62.8 49.8 74.8

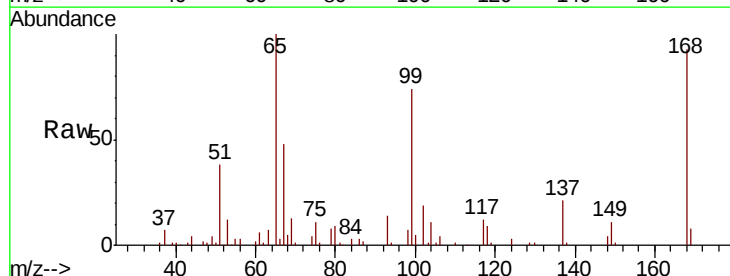


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

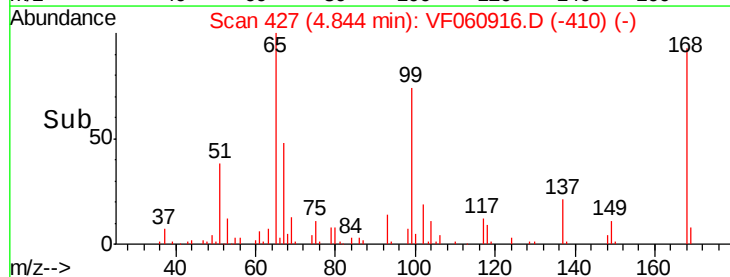
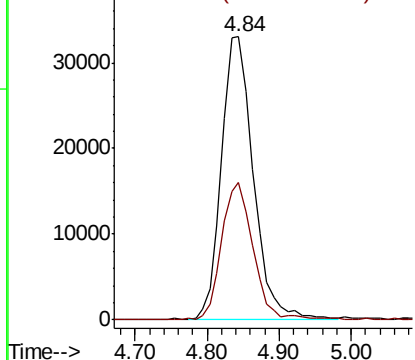


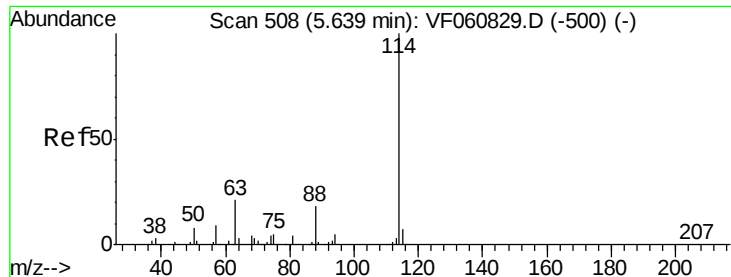
#33
1,2-Dichloroethane-d4
Concen: 42.142 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion: 65 Resp: 102079
Ion Ratio Lower Upper
65 100
67 48.4 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060916.D

Acq: 6 Dec 2018 14:42

Instrument :

MSVOA_F

ClientSampleId :

OK-02-120418-B

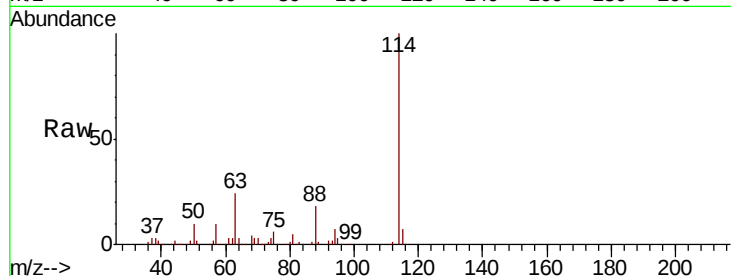
Tot Ion:114 Resp: 345990

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.6

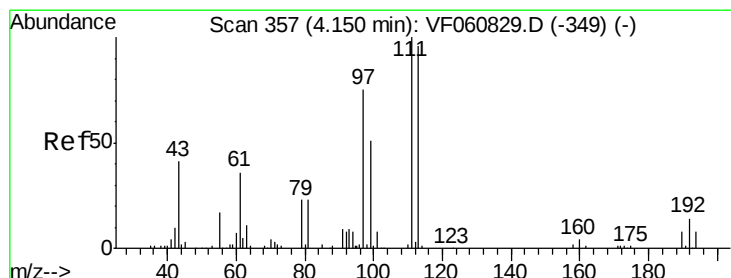
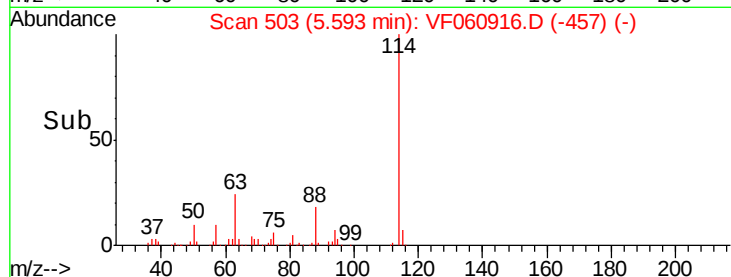
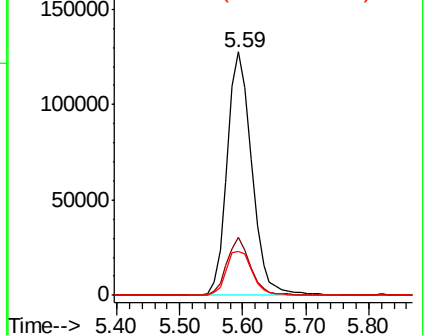
88 18.3 0.0 36.6



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: 44.050 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.05 min

Lab File: VF060916.D

Acq: 6 Dec 2018 14:42

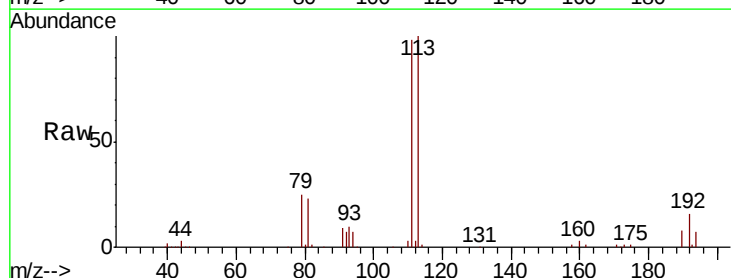
Tgt Ion:113 Resp: 120909

Ion Ratio Lower Upper

113 100

111 98.4 83.0 124.6

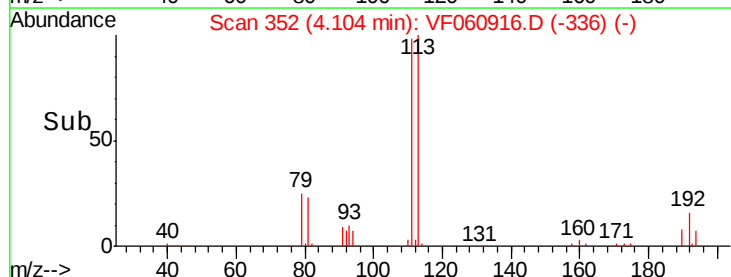
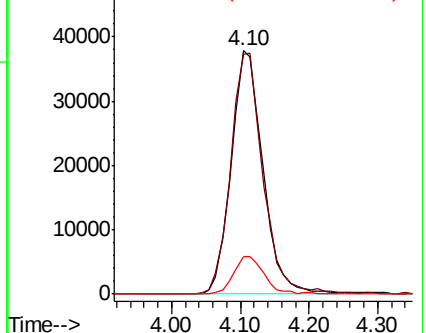
192 16.1 12.3 18.5

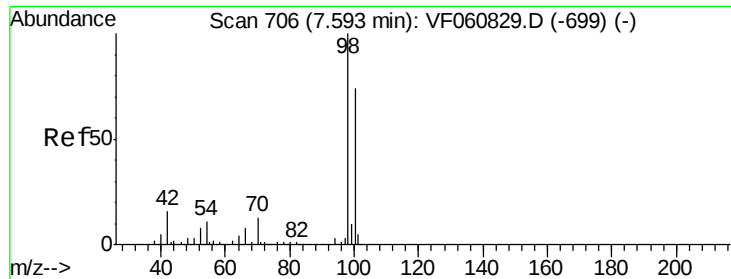


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

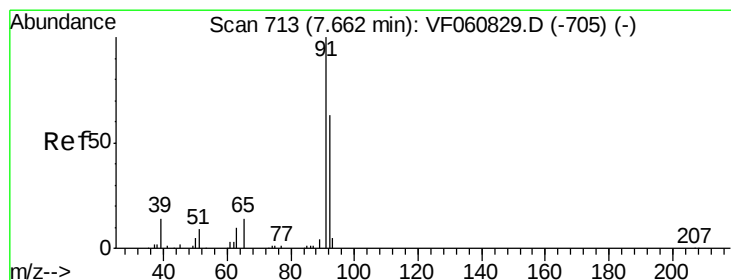
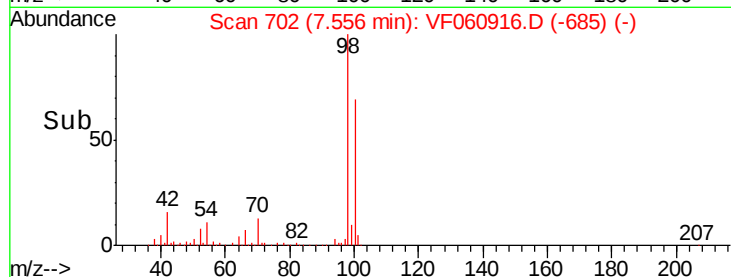
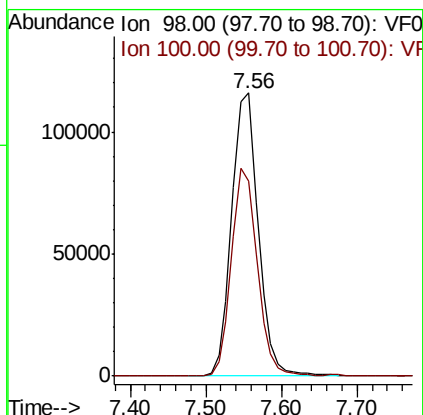
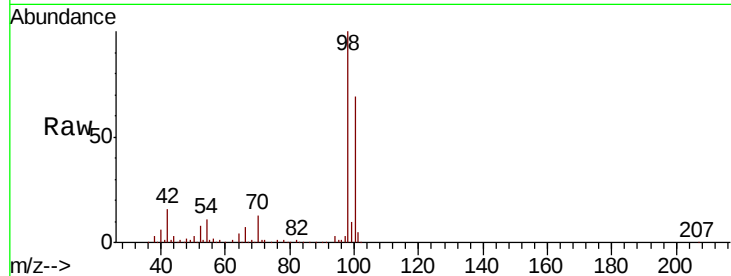




#50
Toluene-d8
Concen: 34.997 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

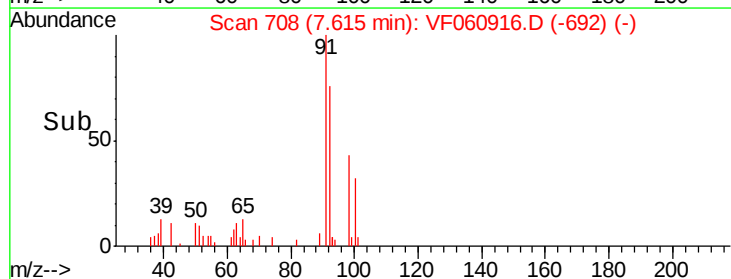
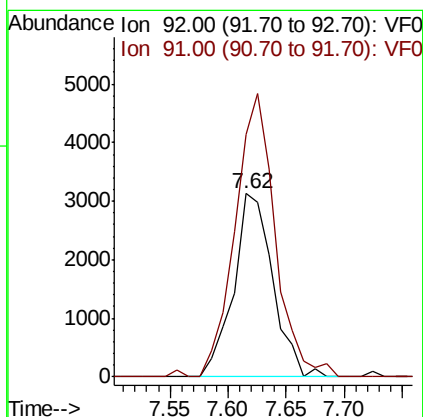
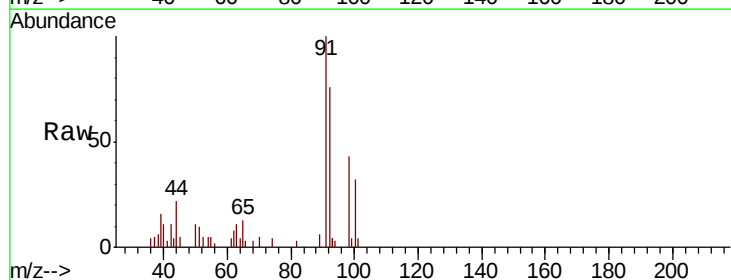
Instrument :
MSVOA_F
ClientSampleId :
OK-02-120418-B

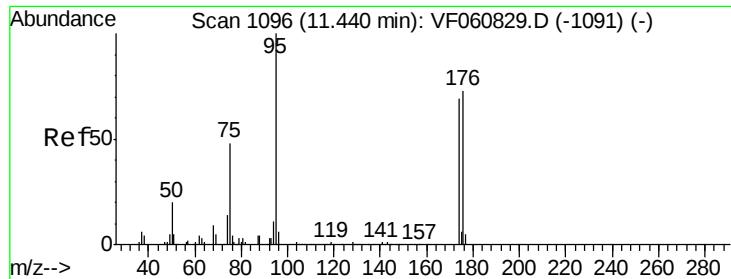
Tot Ion: 98 Resp: 282968
Ion Ratio Lower Upper
98 100
100 68.9 59.3 88.9



#52
Toluene
Concen: 1.220 ug/l
RT: 7.62 min Scan# 708
Delta R.T. -0.05 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion: 92 Resp: 7267
Ion Ratio Lower Upper
92 100
91 132.4 126.2 189.2





#62

4-Bromofluorobenzene

Concen: 37.400 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.04 min

Lab File: VF060916.D

Acq: 6 Dec 2018 14:42

Instrument :

MSVOA_F

ClientSampleId :

OK-02-120418-B

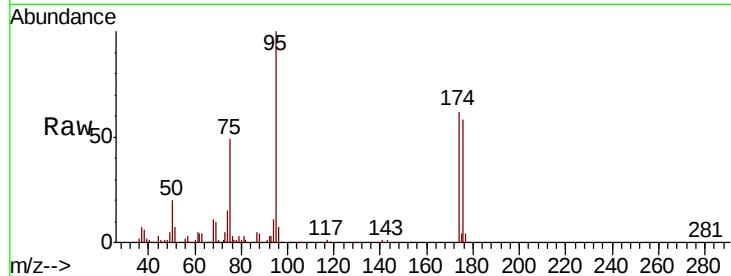
Tot Ion: 95 Resp: 137435

Ion Ratio Lower Upper

95 100

174 62.0 0.0 138.2

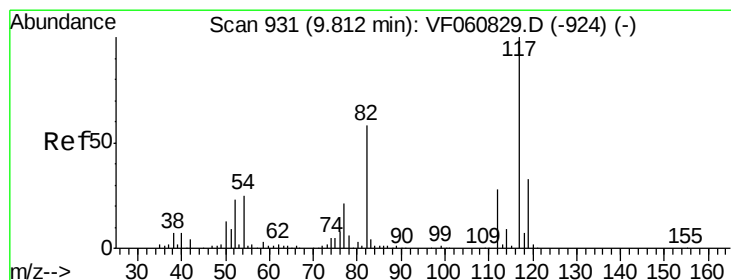
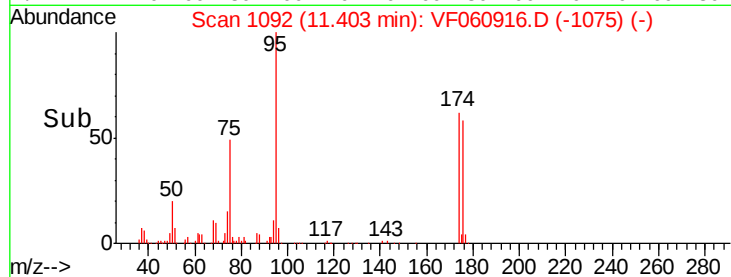
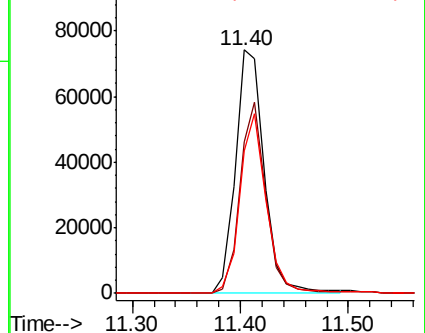
176 58.5 0.0 146.2



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: 9.78 min Scan# 927

Delta R.T. -0.04 min

Lab File: VF060916.D

Acq: 6 Dec 2018 14:42

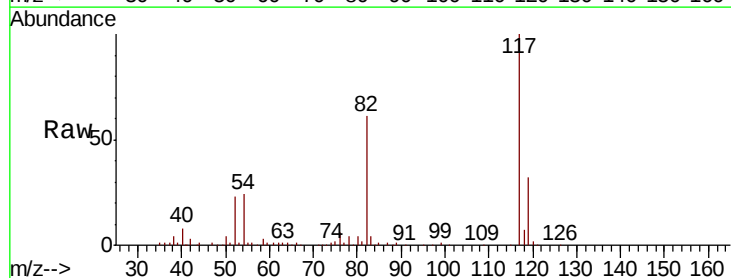
Tgt Ion: 117 Resp: 288700

Ion Ratio Lower Upper

117 100

82 60.7 46.6 69.8

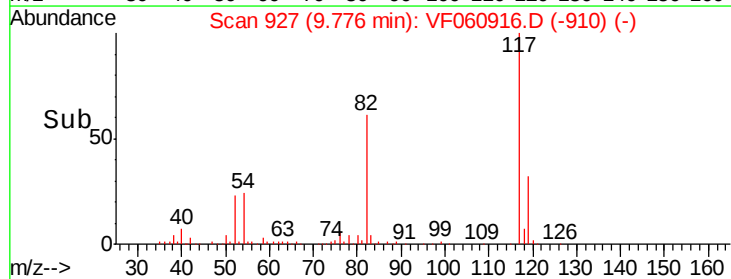
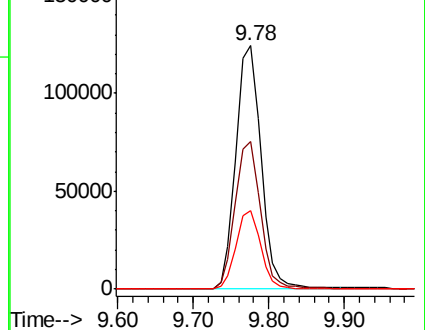
119 32.5 26.4 39.6

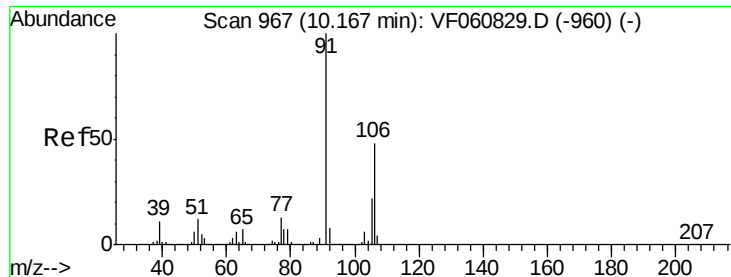


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

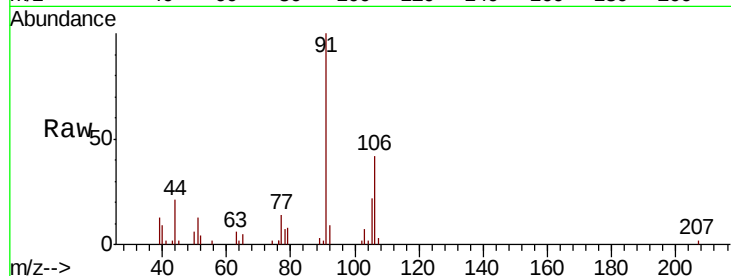




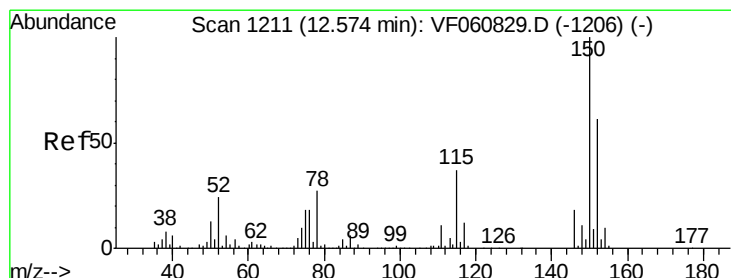
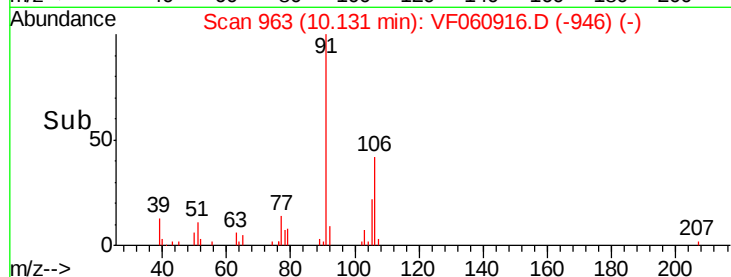
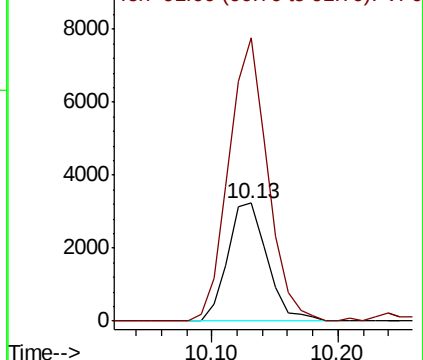
#68
m/p-Xvlenes
Concen: 1.863 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.04 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Instrument :
MSVOA_F
ClientSampleId :
OK-02-120418-B

Tot Ion:106 Resp: 7007
Ion Ratio Lower Upper
106 100
91 240.6 166.7 250.1

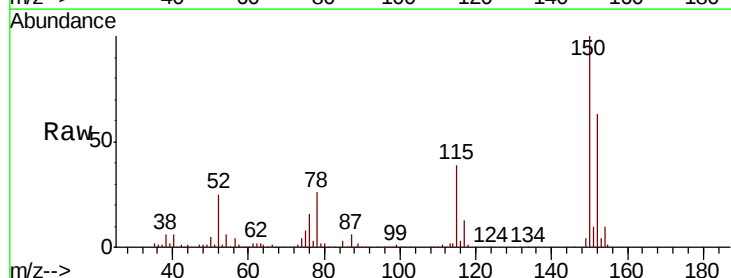


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060916.D
Acq: 6 Dec 2018 14:42

Tgt Ion:152 Resp: 149389
Ion Ratio Lower Upper
152 100
115 62.3 30.1 90.5
150 158.7 0.0 327.6



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

