

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060247.D
 Acq On : 10 Sep 2018 20:55
 Operator : VA/AP
 Sample : J4775-01
 Misc : 6.57/5mL/MSVOA F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-090618-A

Quant Time: Sep 11 10:54:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 07 10:44:05 2018
 Response via : Initial Calibration

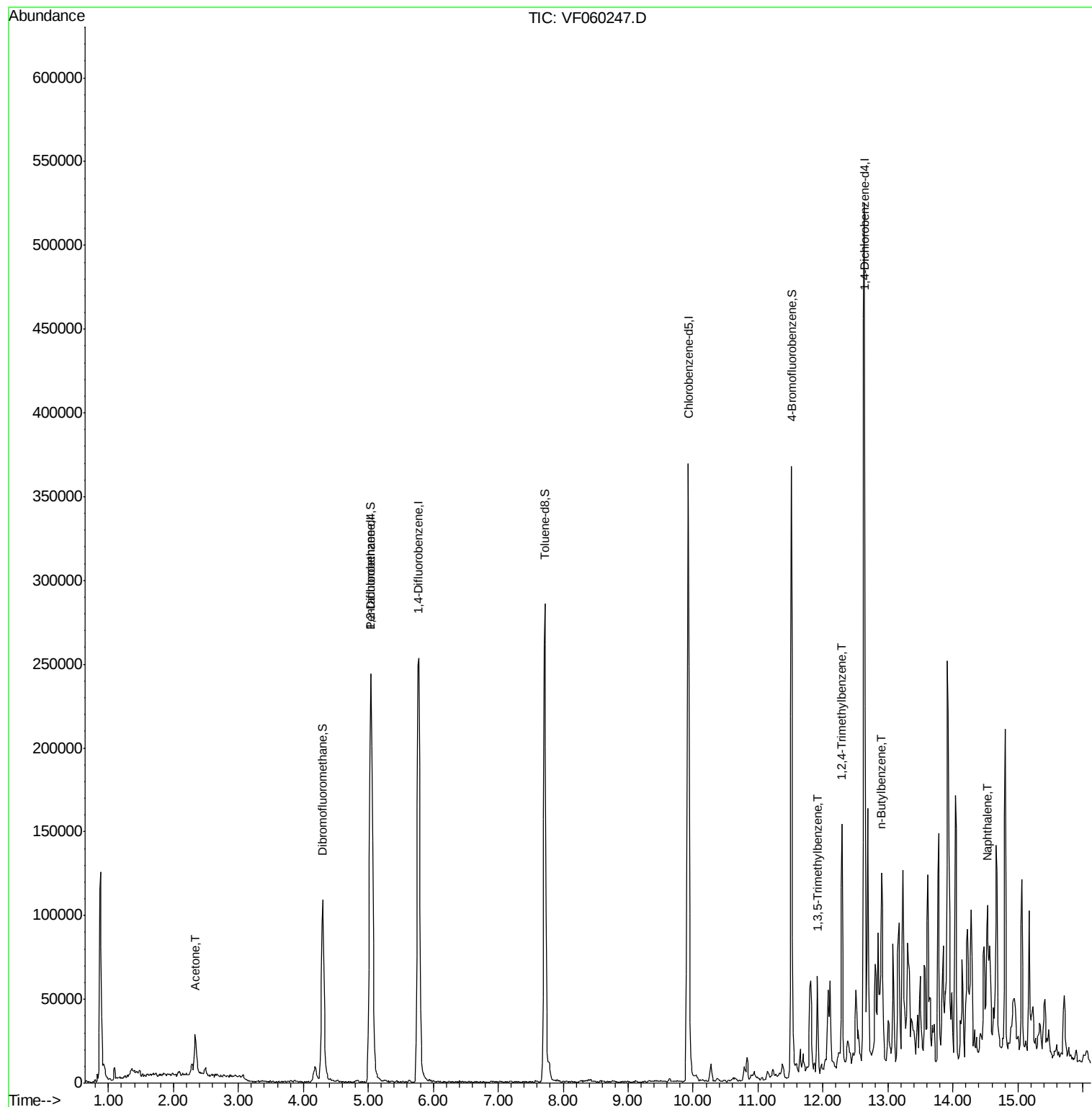
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	176747	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	258109	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.93	117	249212	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	132137	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	118373	38.34	ug/l	0.01
Spiked Amount 50.000			Recovery	=	76.68%	
35) Dibromofluoromethane	4.30	113	99650	39.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.82%	
50) Toluene-d8	7.72	98	232775	36.89	ug/l	0.01
Spiked Amount 50.000			Recovery	=	73.78%	
62) 4-Bromofluorobenzene	11.51	95	119490	33.56	ug/l	0.01
Spiked Amount 50.000			Recovery	=	67.12%	
Target Compounds						
16) Acetone	2.34	43	40127	54.99	ug/l #	93
80) 1,3,5-Trimethylbenzene	11.92	105	29709	3.69	ug/l	98
84) 1,2,4-Trimethylbenzene	12.29	105	67877	8.30	ug/l	99
89) n-Butylbenzene	12.91	91	20001	2.30	ug/l #	38
95) Naphthalene	14.52	128	14333	5.33	ug/l #	77

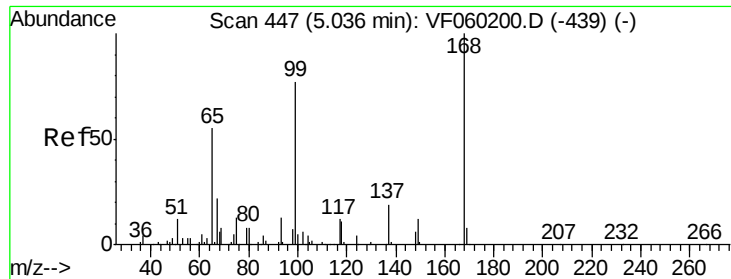
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 07 10:44:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060247.D

Acq: 10 Sep 2018 20:55

Instrument :

MSVOA_F

ClientSampleId :

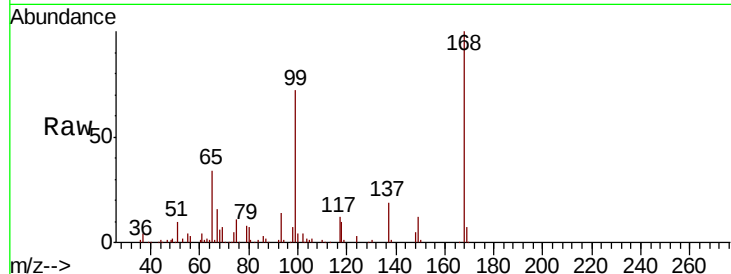
OR-02-090618-A

Tot Ion:168 Resp: 176747

Ion Ratio Lower Upper

168 100

99 72.2 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

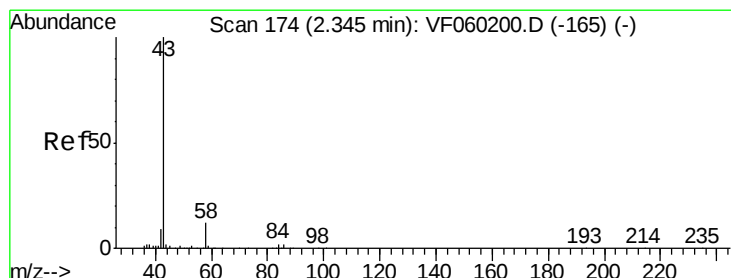
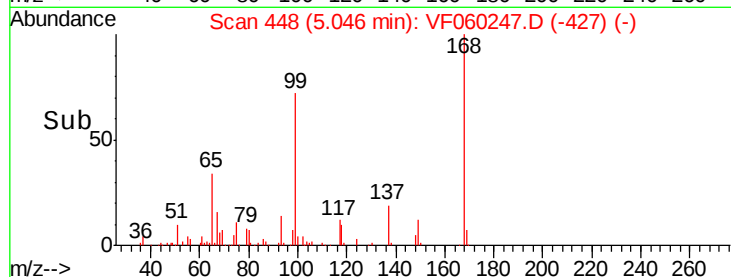
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 54.99 ug/l

RT: 2.34 min Scan# 173

Delta R.T. -0.01 min

Lab File: VF060247.D

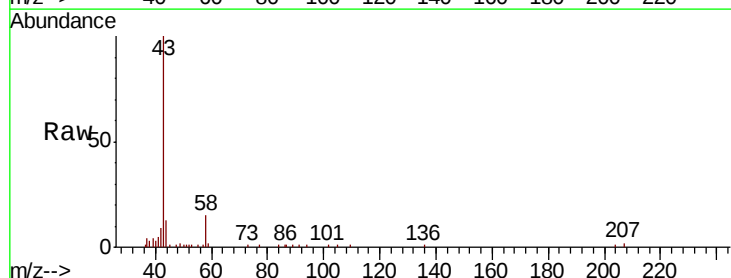
Acq: 10 Sep 2018 20:55

Tgt Ion: 43 Resp: 40127

Ion Ratio Lower Upper

43 100

58 15.0 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

15000

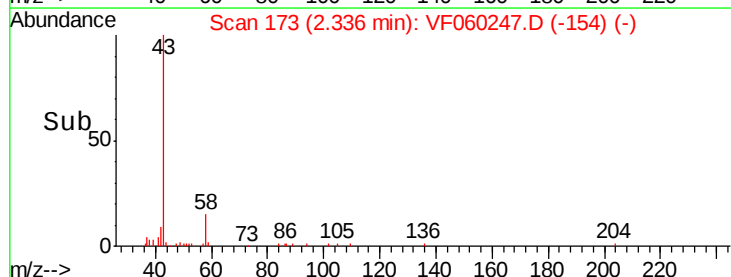
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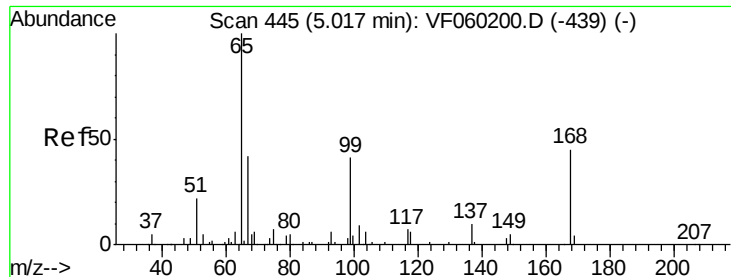
5000

0

Time-->

2.30 2.40

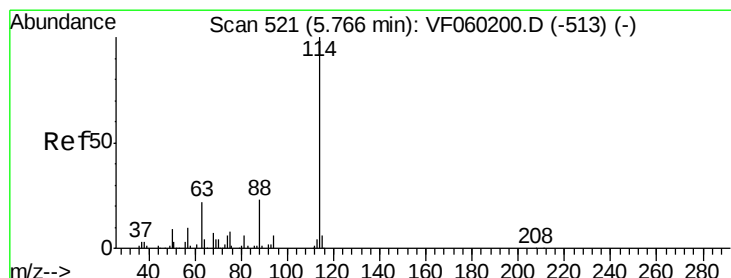
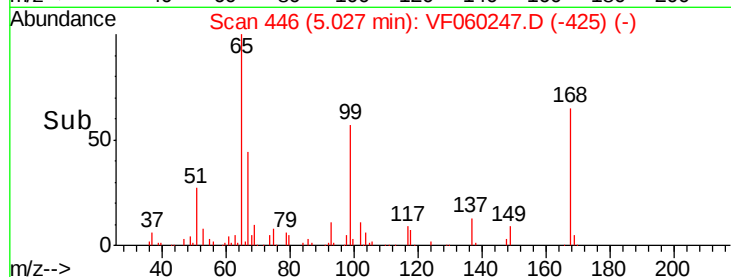
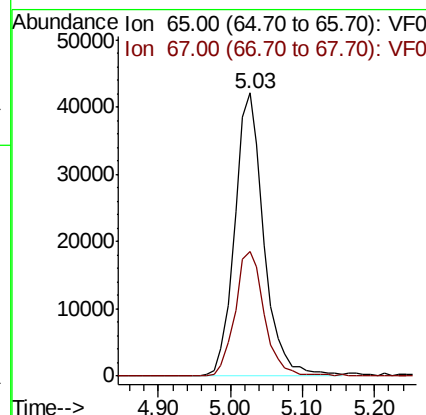
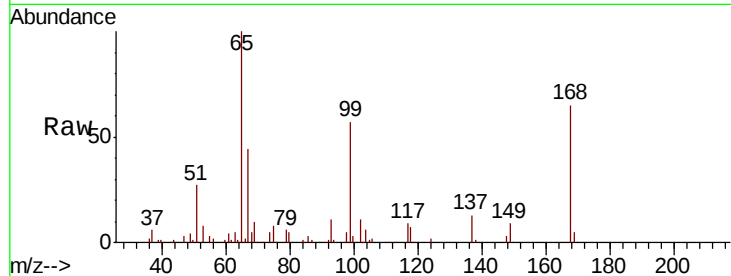




#33
 1,2-Dichloroethane-d4
 Concen: 38.34 ug/l
 RT: 5.03 min Scan# 446
 Delta R.T. 0.01 min
 Lab File: VF060247.D
 Acq: 10 Sep 2018 20:55

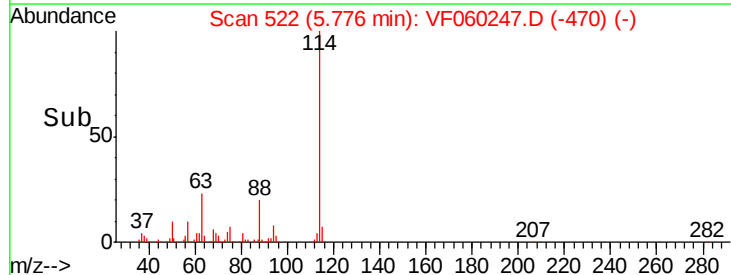
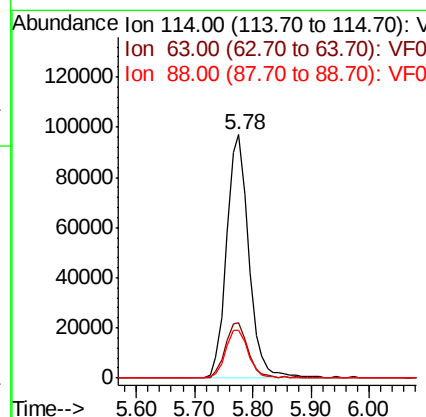
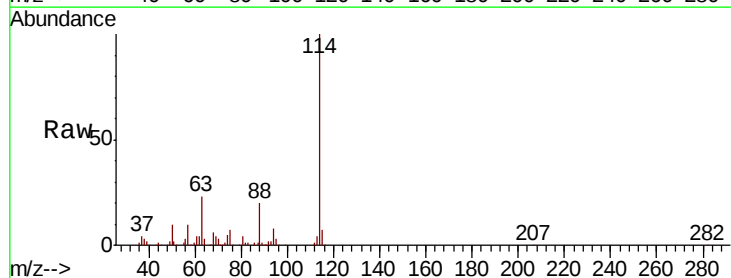
Instrument :
 MSVOA_F
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 OR-02-090618-A

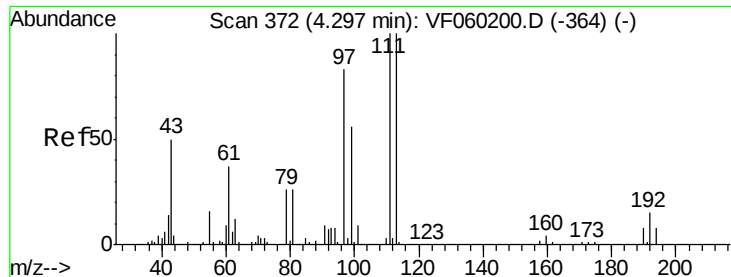
Tot Ion: 65 Resp: 118373
 Ion Ratio Lower Upper
 65 100
 67 44.1 0.0 87.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.78 min Scan# 522
 Delta R.T. 0.01 min
 Lab File: VF060247.D
 Acq: 10 Sep 2018 20:55

Tgt Ion: 114 Resp: 258109
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.6
 88 19.9 0.0 46.4

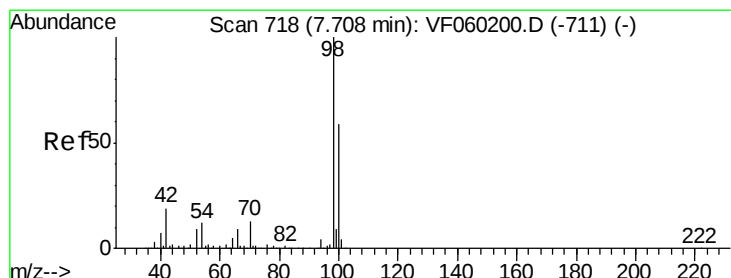
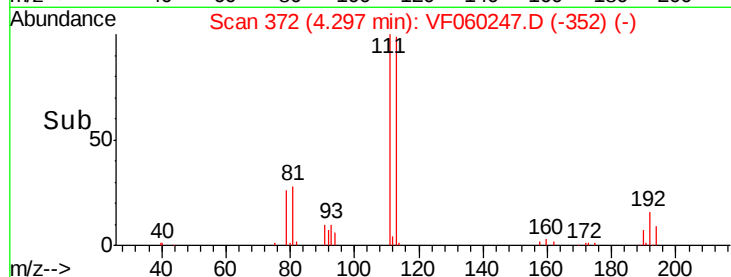
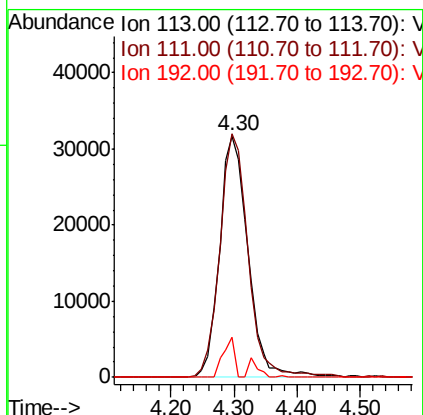
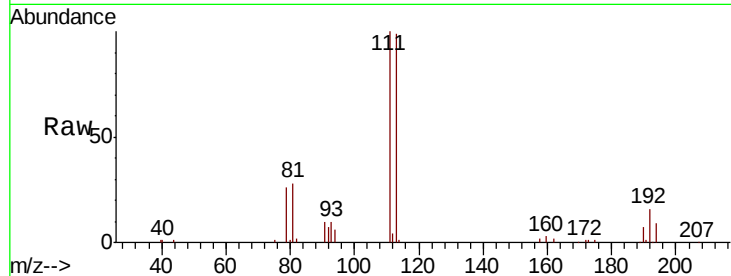




#35
 Dibromofluoromethane
 Concen: 39.41 ug/l
 RT: 4.30 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VF060247.D
 Acq: 10 Sep 2018 20:55

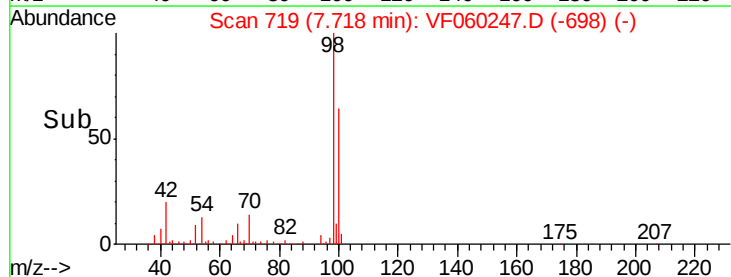
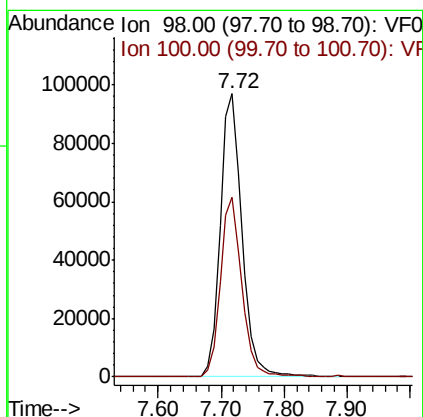
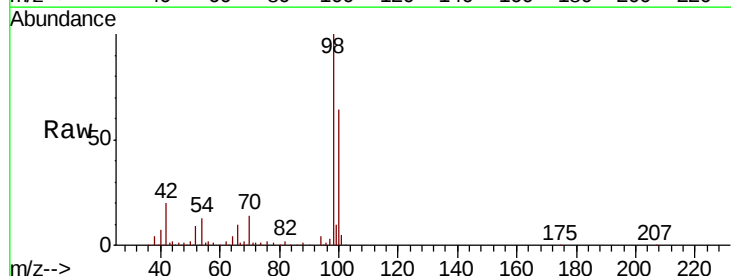
Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-090618-A

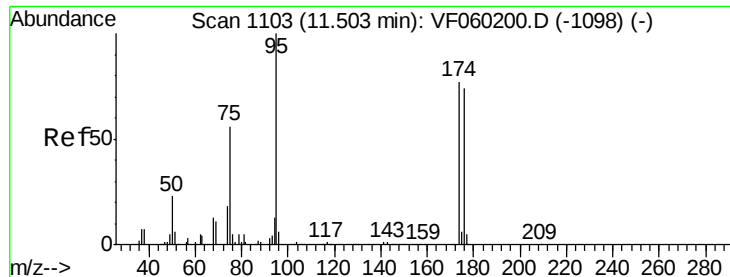
Tot Ion:113 Resp: 99650
 Ion Ratio Lower Upper
 113 100
 111 100.9 80.2 120.2
 192 16.8 11.8 17.8



#50
 Toluene-d8
 Concen: 36.89 ug/l
 RT: 7.72 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VF060247.D
 Acq: 10 Sep 2018 20:55

Tgt Ion: 98 Resp: 232775
 Ion Ratio Lower Upper
 98 100
 100 63.7 47.4 71.0





#62

4-Bromofluorobenzene

Concen: 33.56 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VF060247.D

Acq: 10 Sep 2018 20:55

Instrument :

MSVOA_F

ClientSampleId :

OR-02-090618-A

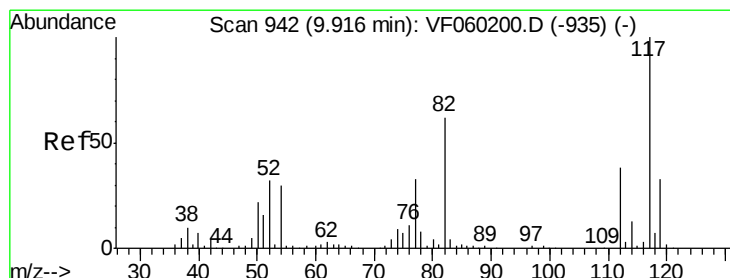
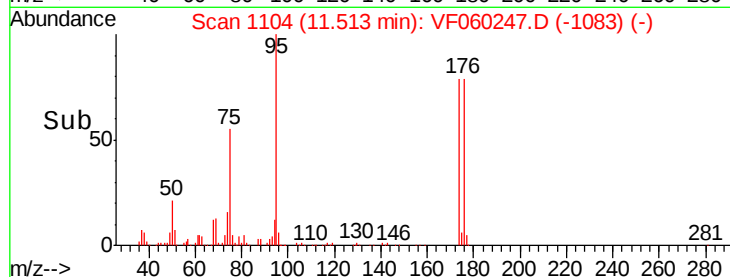
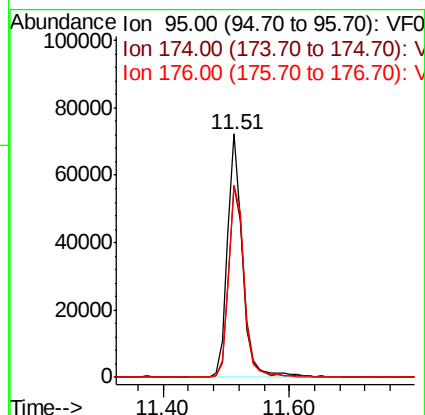
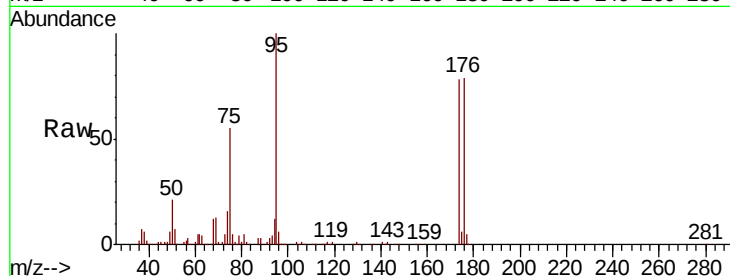
Tot Ion: 95 Resp: 119490

Ion Ratio Lower Upper

95 100

174 78.3 0.0 153.2

176 78.8 0.0 147.2



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.93 min Scan# 943

Delta R.T. 0.01 min

Lab File: VF060247.D

Acq: 10 Sep 2018 20:55

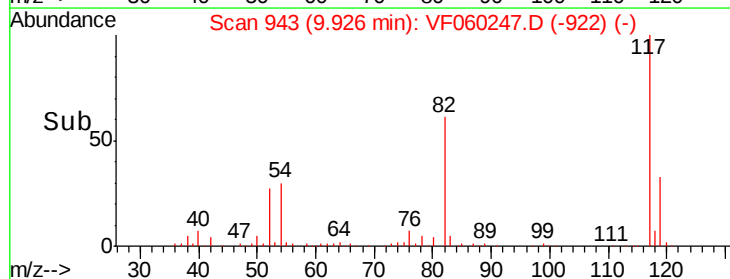
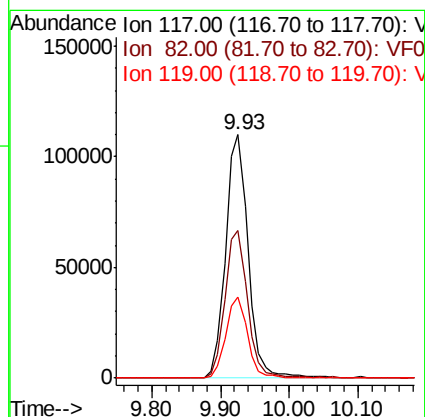
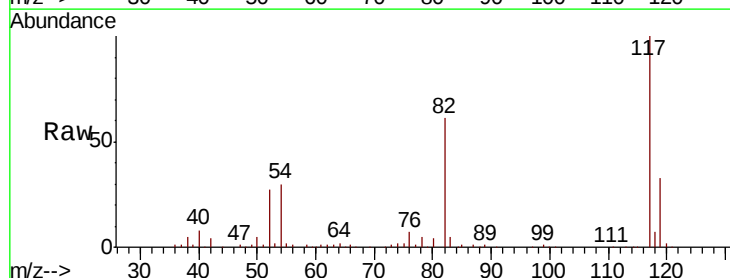
Tgt Ion: 117 Resp: 249212

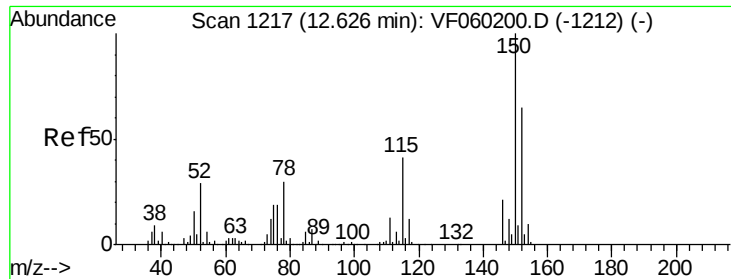
Ion Ratio Lower Upper

117 100

82 60.7 49.3 73.9

119 33.2 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VF060247.D

Acq: 10 Sep 2018 20:55

Instrument :

MSVOA_F

ClientSampleId :

OR-02-090618-A

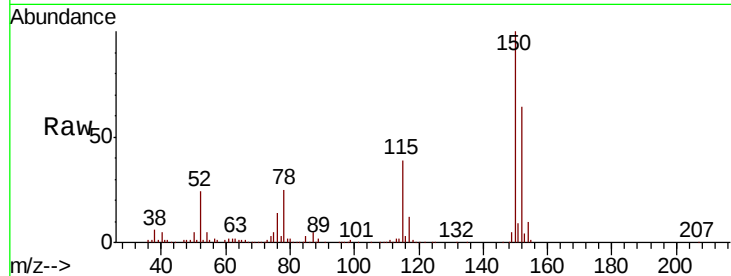
Tot Ion:152 Resp: 132137

Ion Ratio Lower Upper

152 100

115 60.9 31.5 94.5

150 156.8 0.0 310.4

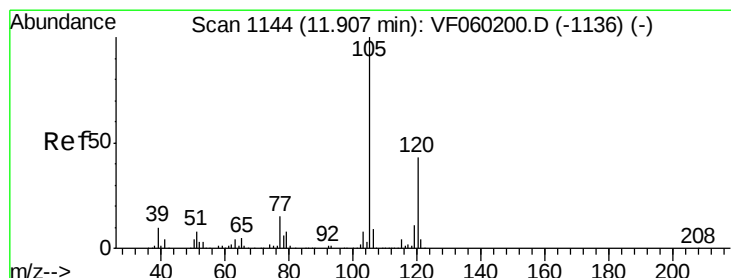
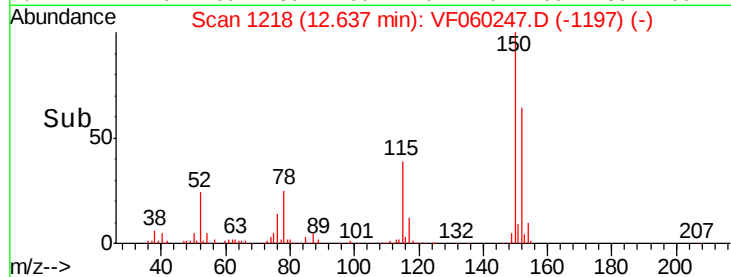
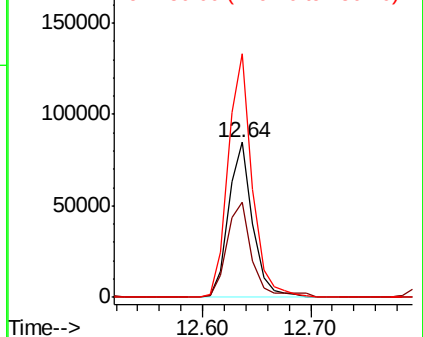


Abundance

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



#80

1,3,5-Trimethylbenzene

Concen: 3.69 ug/l

RT: 11.92 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VF060247.D

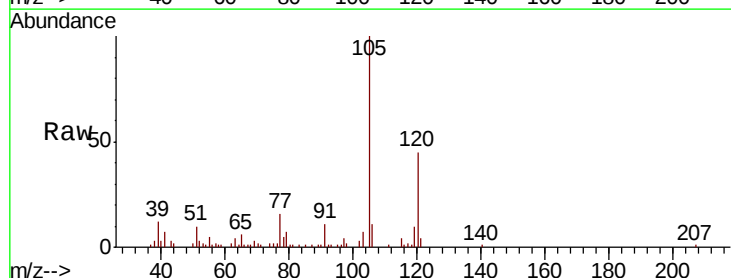
Acq: 10 Sep 2018 20:55

Tgt Ion:105 Resp: 29709

Ion Ratio Lower Upper

105 100

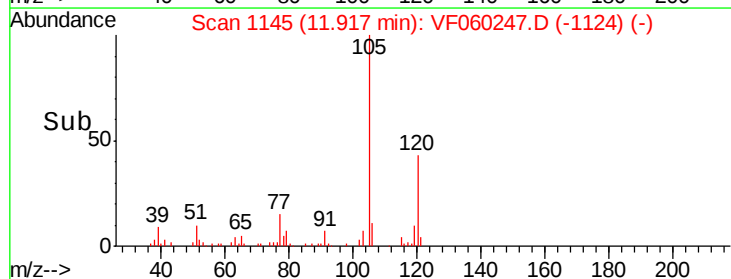
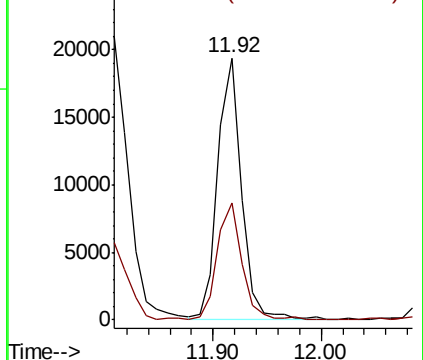
120 44.7 21.6 64.8

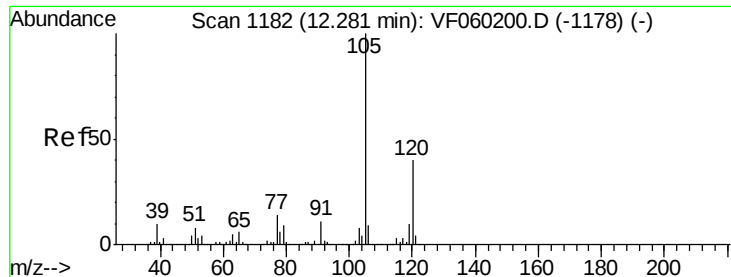


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

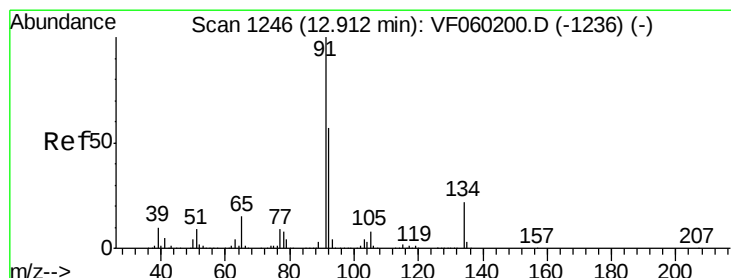
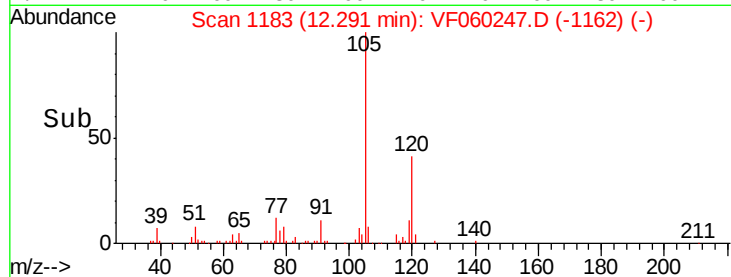
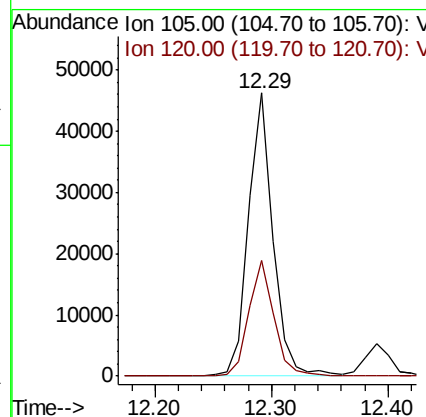
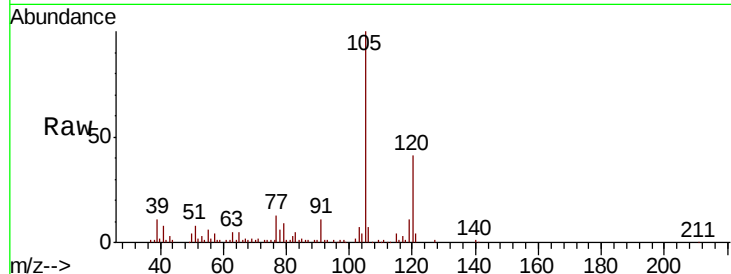




#84
 1,2,4-Trimethylbenzene
 Concen: 8.30 ug/l
 RT: 12.29 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: VF060247.D
 Acq: 10 Sep 2018 20:55

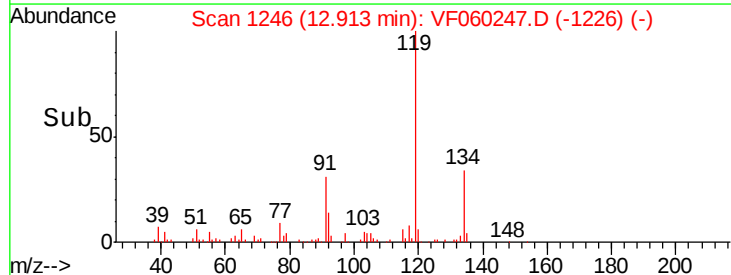
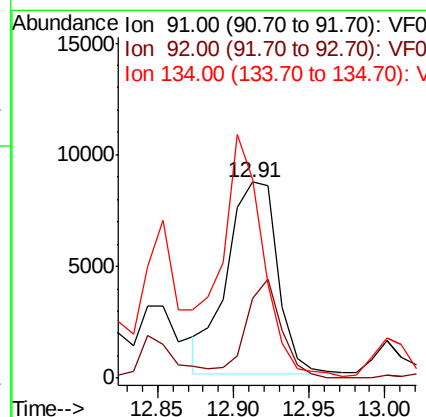
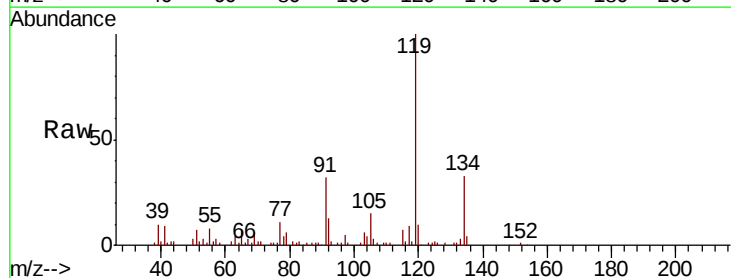
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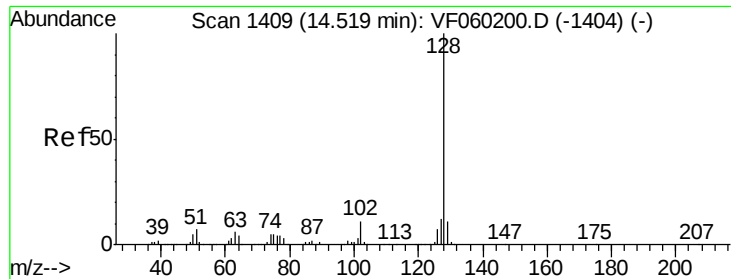
Tot Ion:105 Resp: 67877
 Ion Ratio Lower Upper
 105 100
 120 40.7 20.2 60.5



#89
 n-Butylbenzene
 Concen: 2.30 ug/l
 RT: 12.91 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: VF060247.D
 Acq: 10 Sep 2018 20:55

Tgt Ion: 91 Resp: 20001
 Ion Ratio Lower Upper
 91 100
 92 40.8 28.4 85.3
 134 101.2 11.1 33.3#





#95
 Naphthalene
 Concen: 5.33 ug/l
 RT: 14.52 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: VF060247.D
 Acq: 10 Sep 2018 20:55

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-090618-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	9.9	14.9
129	27.2	8.9	13.3

