

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060246.D
 Acq On : 10 Sep 2018 20:28
 Operator : VA/AP
 Sample : J4774-01
 Misc : 6.80/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-090618

Quant Time: Sep 11 10:52:44 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

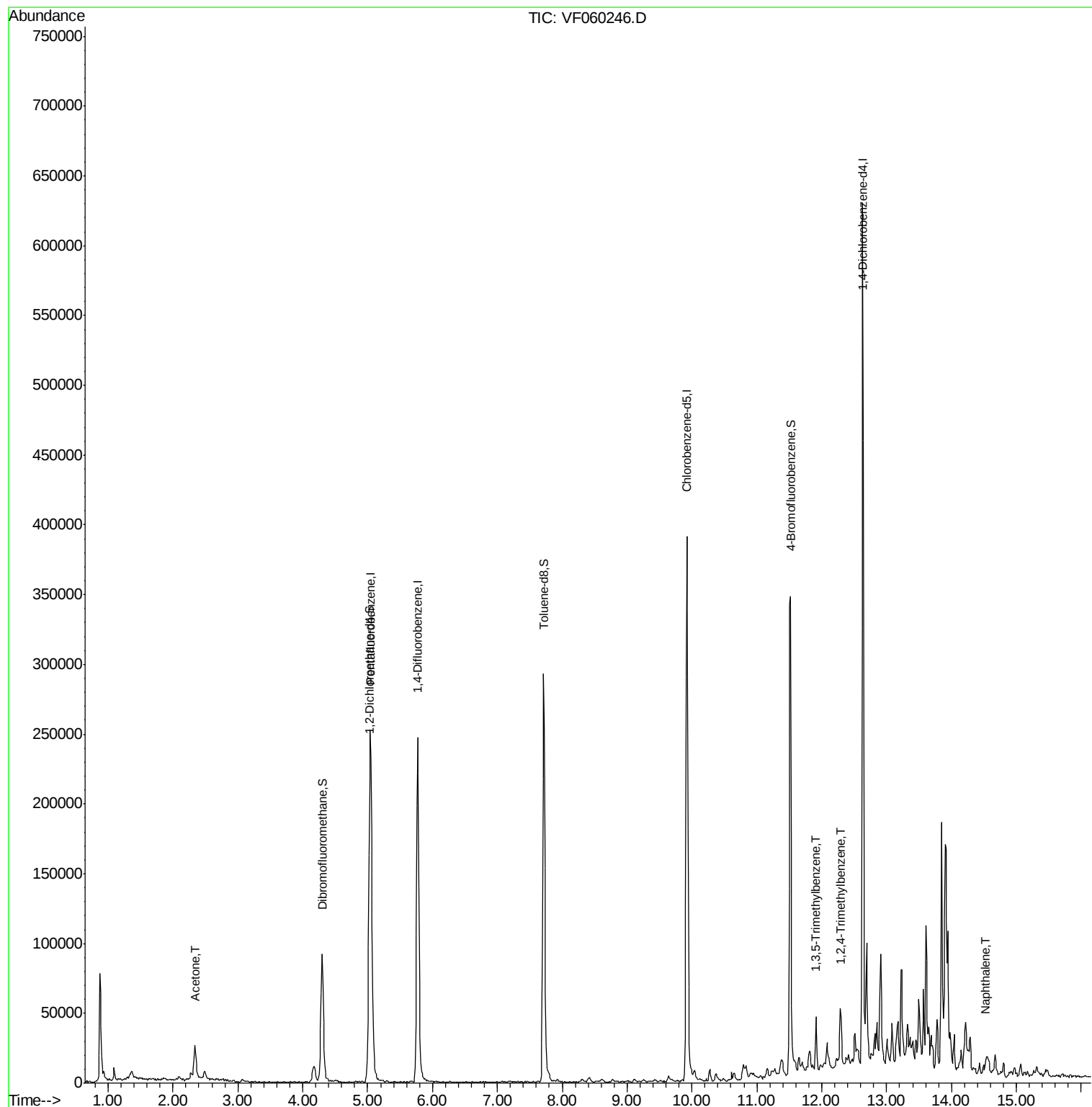
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	179468	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	240584	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	257207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	154610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	113695	36.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.52%	
35) Dibromofluoromethane	4.29	113	81389	34.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.06%	
50) Toluene-d8	7.71	98	232001	39.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.88%	
62) 4-Bromofluorobenzene	11.51	95	127908	38.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.08%	
Target Compounds						
16) Acetone	2.34	43	44831	59.42	ug/l #	94
80) 1,3,5-Trimethylbenzene	11.91	105	20980	2.23	ug/l	94
84) 1,2,4-Trimethylbenzene	12.29	105	18278	1.91	ug/l	98
95) Naphthalene	14.52	128	6471	3.66	ug/l #	96

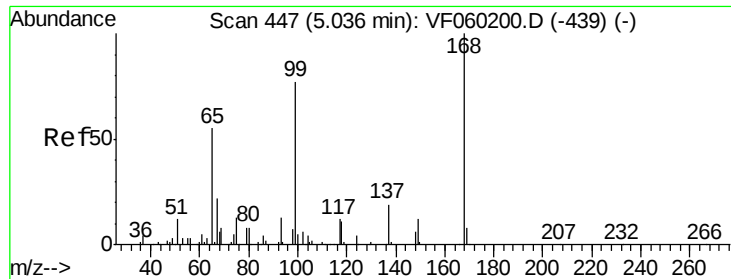
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060246.D

Acq: 10 Sep 2018 20:28

Instrument :

MSVOA_F

ClientSampleId :

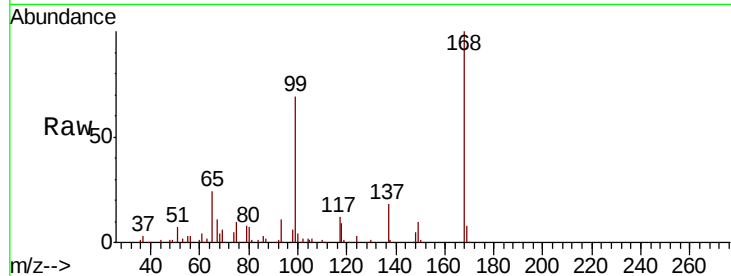
OK-03-090618

Tot Ion:168 Resp: 179468

Ion Ratio Lower Upper

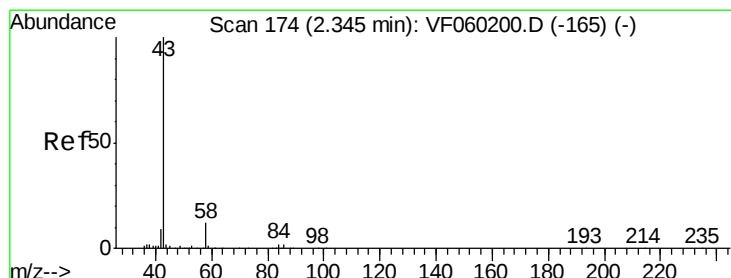
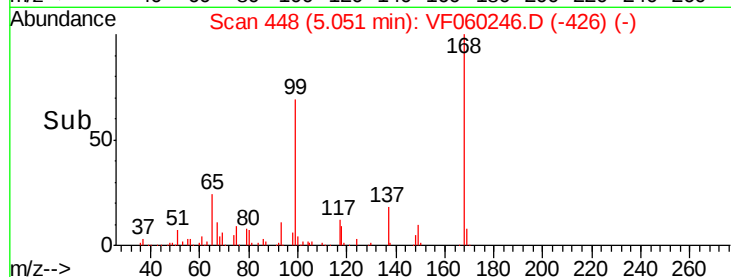
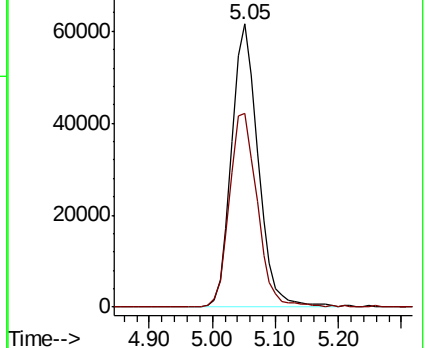
168 100

99 68.5 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 59.42 ug/l

RT: 2.34 min Scan# 173

Delta R.T. -0.00 min

Lab File: VF060246.D

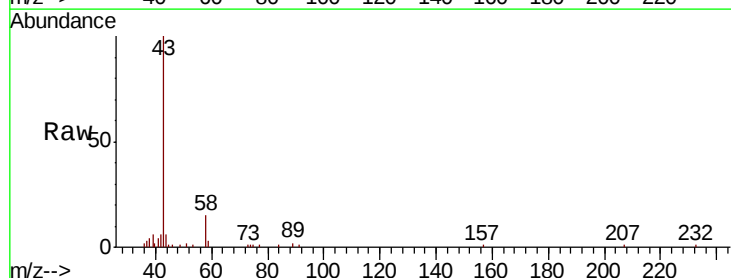
Acq: 10 Sep 2018 20:28

Tgt Ion: 43 Resp: 44831

Ion Ratio Lower Upper

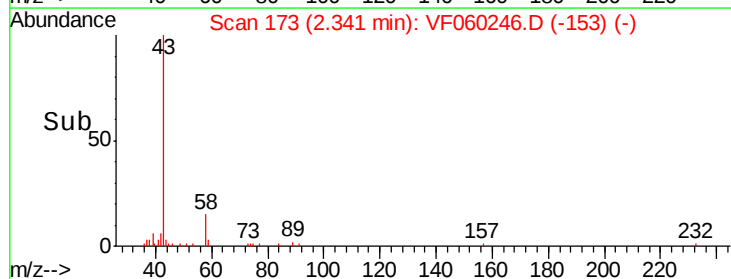
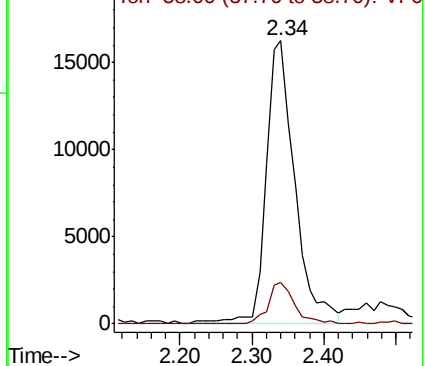
43 100

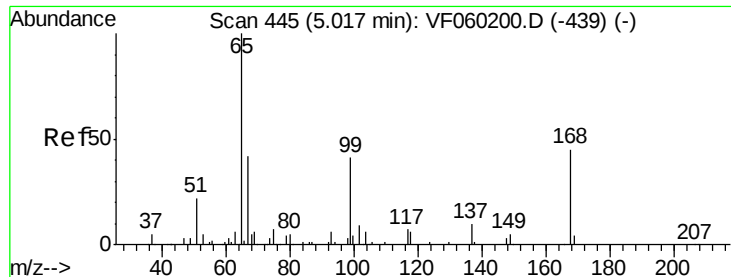
58 14.6 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 36.26 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060246.D

Acq: 10 Sep 2018 20:28

Instrument :

MSVOA_F

ClientSampleId :

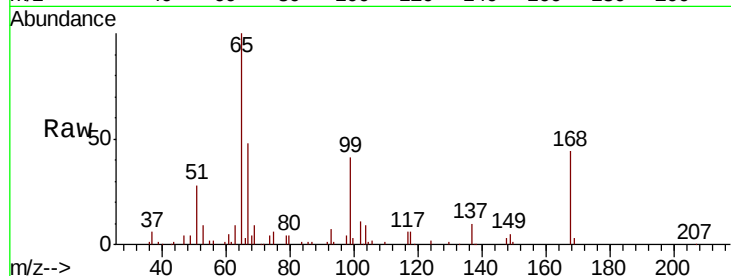
OK-03-090618

Tot Ion: 65 Resp: 113695

Ion Ratio Lower Upper

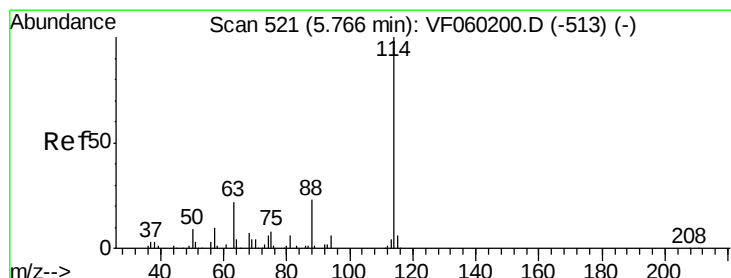
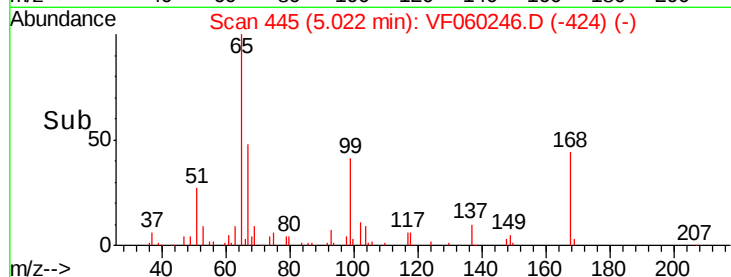
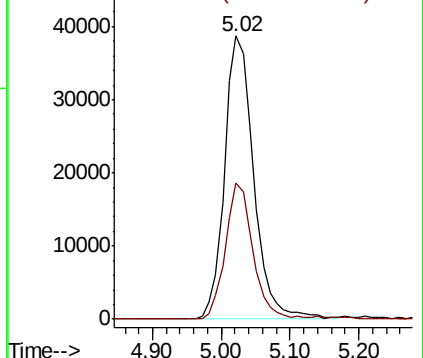
65 100

67 48.2 0.0 87.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 521

Delta R.T. 0.01 min

Lab File: VF060246.D

Acq: 10 Sep 2018 20:28

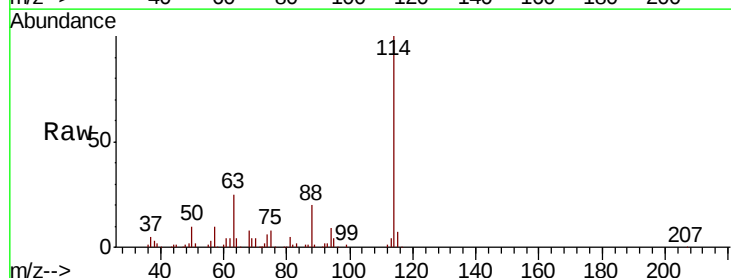
Tgt Ion: 114 Resp: 240584

Ion Ratio Lower Upper

114 100

63 24.9 0.0 45.6

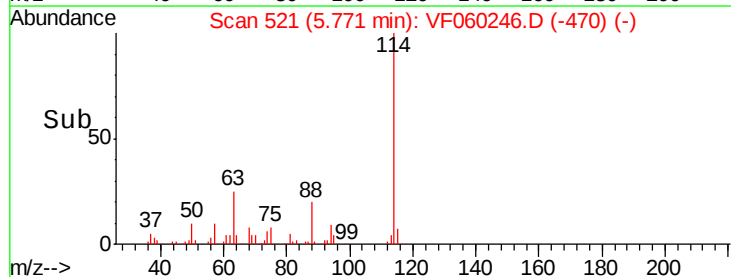
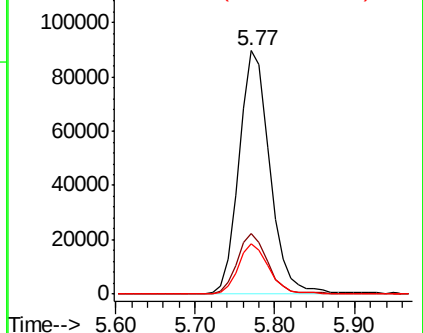
88 20.5 0.0 46.4

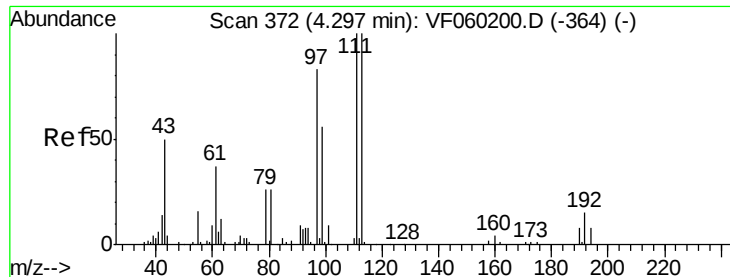


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

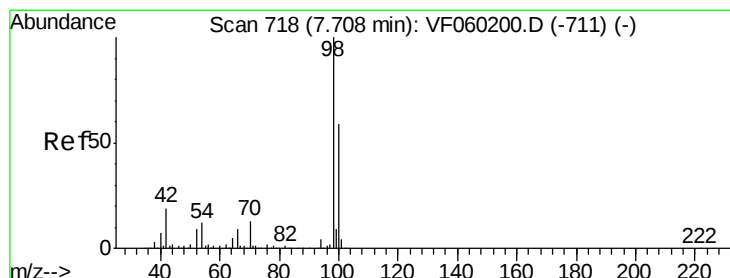
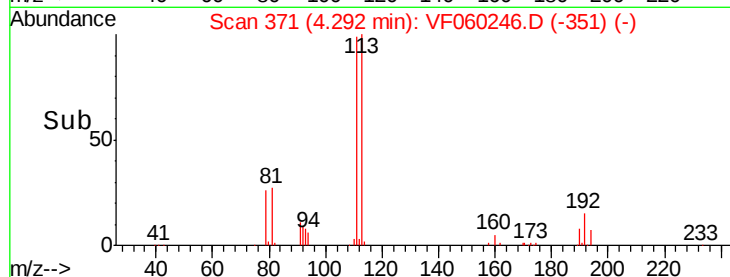
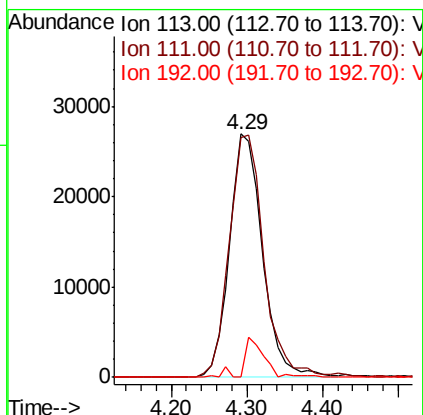
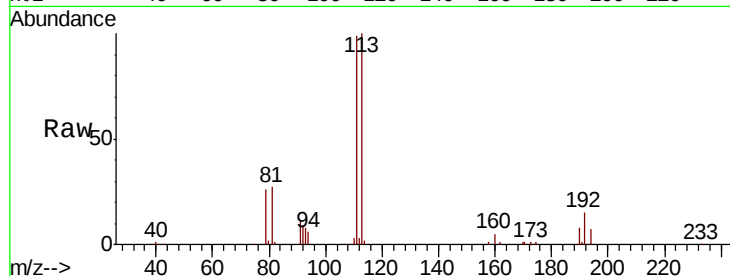




#35
 Dibromofluoromethane
 Concen: 34.53 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VF060246.D
 Acq: 10 Sep 2018 20:28

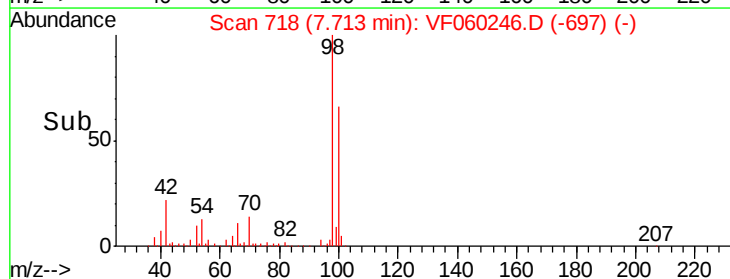
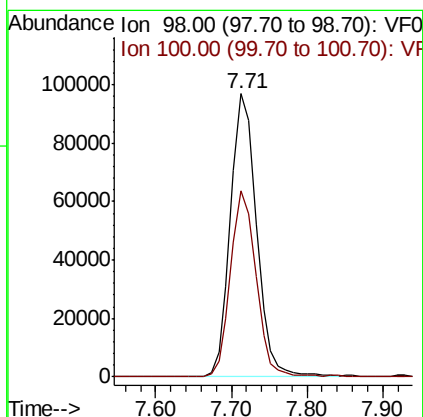
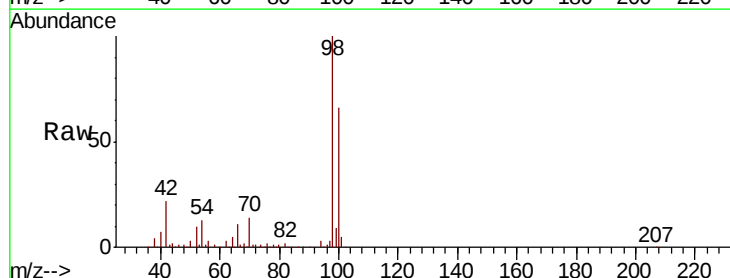
Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-090618

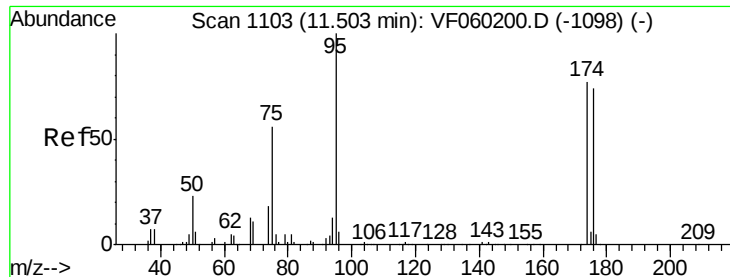
Tot Ion:113 Resp: 81389
 Ion Ratio Lower Upper
 113 100
 111 98.7 80.2 120.2
 192 0.0 11.8 17.8#



#50
 Toluene-d8
 Concen: 39.44 ug/l
 RT: 7.71 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VF060246.D
 Acq: 10 Sep 2018 20:28

Tgt Ion: 98 Resp: 232001
 Ion Ratio Lower Upper
 98 100
 100 65.8 47.4 71.0





#62

4-Bromofluorobenzene

Concen: 38.54 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VF060246.D

Acq: 10 Sep 2018 20:28

Instrument :

MSVOA_F

ClientSampleId :

OK-03-090618

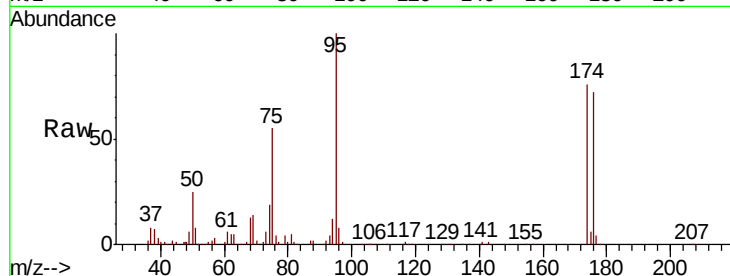
Tot Ion: 95 Resp: 127908

Ion Ratio Lower Upper

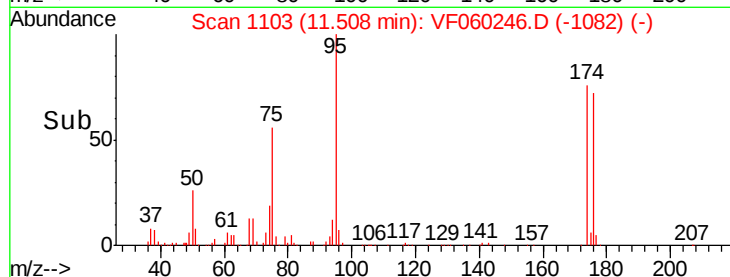
95 100

174 76.1 0.0 153.2

176 72.1 0.0 147.2



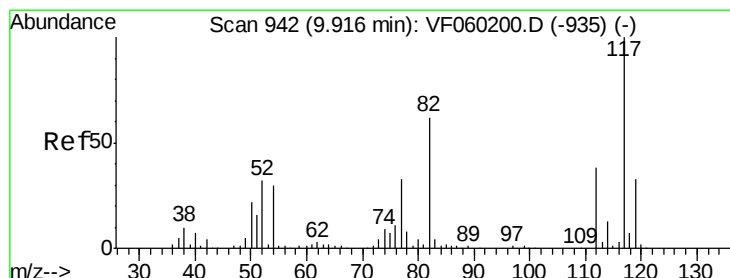
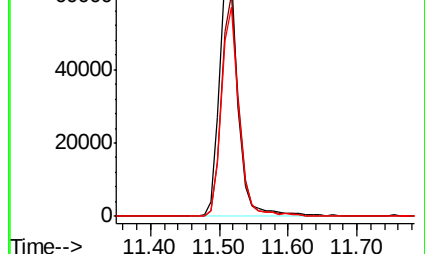
Abundance Ion 95.00 (94.70 to 95.70): VF060246.D (-1082) (-)



Ion 174.00 (173.70 to 174.70): VF060246.D (-1082) (-)

Ion 176.00 (175.70 to 176.70): VF060246.D (-1082) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 942

Delta R.T. 0.01 min

Lab File: VF060246.D

Acq: 10 Sep 2018 20:28

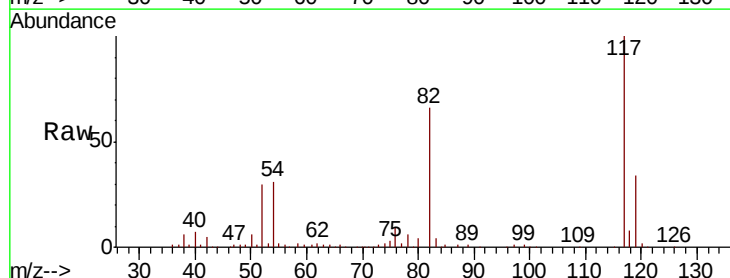
Tgt Ion: 117 Resp: 257207

Ion Ratio Lower Upper

117 100

82 65.9 49.3 73.9

119 33.7 26.5 39.7

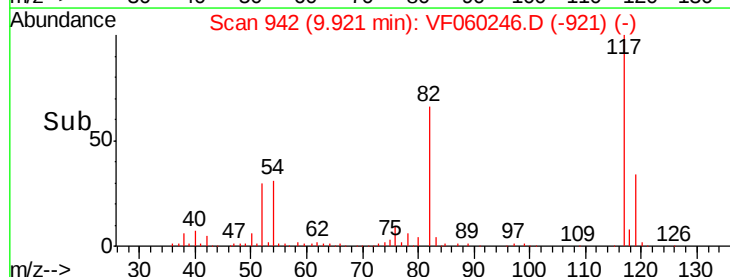
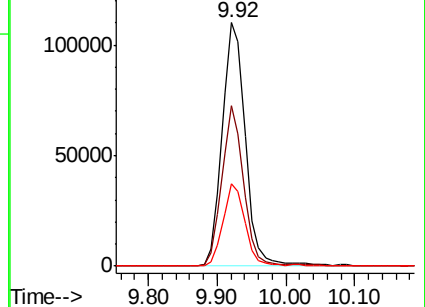


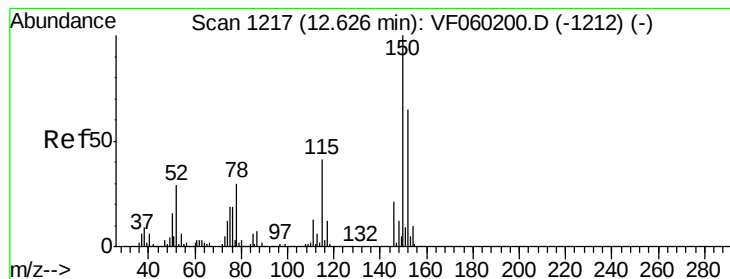
Abundance Ion 117.00 (116.70 to 117.70): VF060246.D (-921) (-)

Ion 82.00 (81.70 to 82.70): VF060246.D (-921) (-)

Ion 119.00 (118.70 to 119.70): VF060246.D (-921) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VF060246.D

Acq: 10 Sep 2018 20:28

Instrument :

MSVOA_F

ClientSampleId :

OK-03-090618

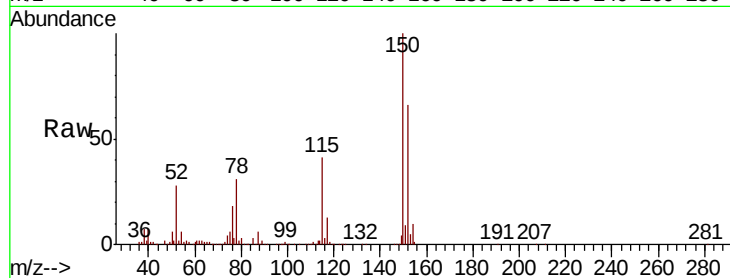
Tot Ion:152 Resp: 154610

Ion Ratio Lower Upper

152 100

115 62.1 31.5 94.5

150 151.0 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

200000

150000

100000

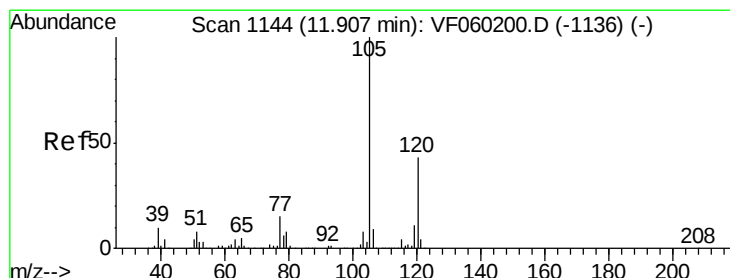
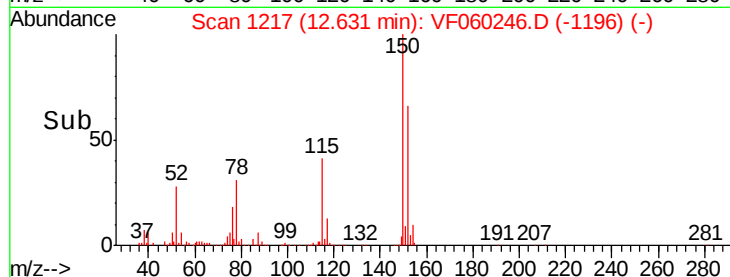
50000

0

12.63

12.50 12.60 12.70 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 2.23 ug/l

RT: 11.91 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VF060246.D

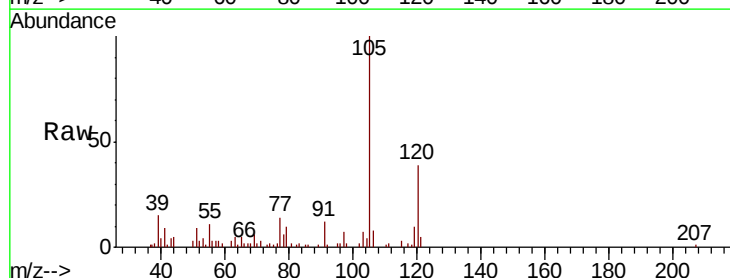
Acq: 10 Sep 2018 20:28

Tgt Ion:105 Resp: 20980

Ion Ratio Lower Upper

105 100

120 39.4 21.6 64.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

15000

10000

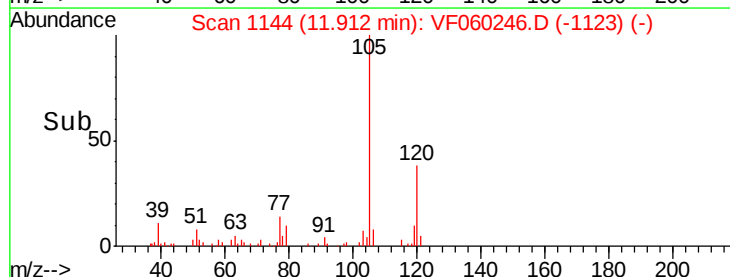
5000

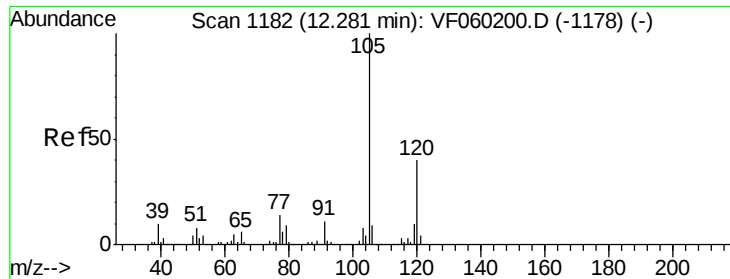
0

11.91

11.90 12.00

Time-->

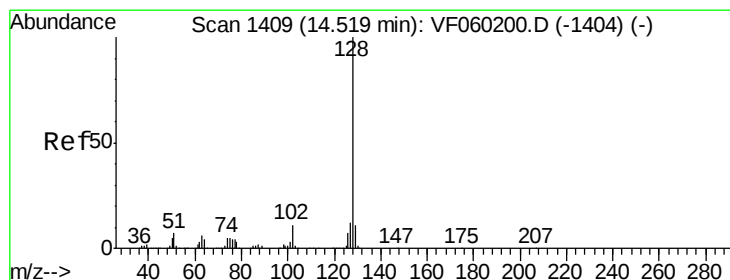
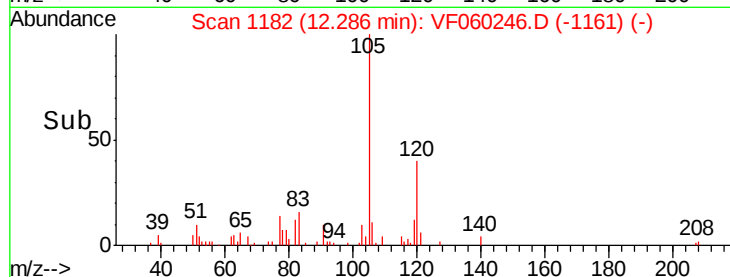
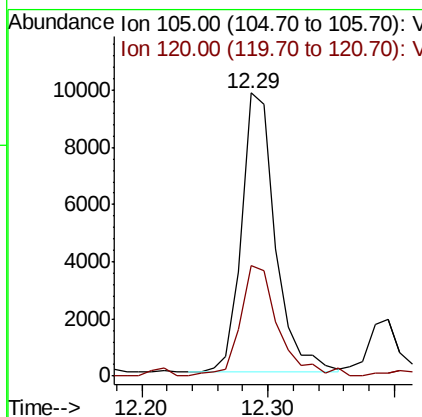
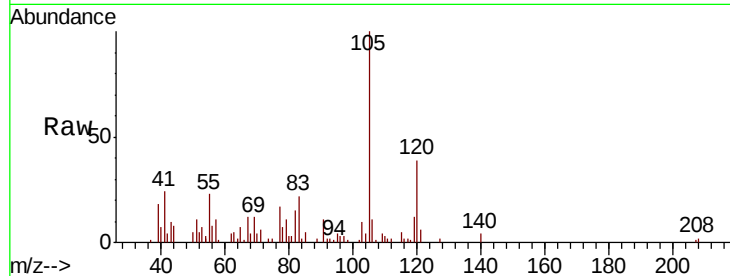




#84
 1,2,4-Trimethylbenzene
 Concen: 1.91 ug/l
 RT: 12.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VF060246.D
 Acq: 10 Sep 2018 20:28

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-090618

Tot Ion:105 Resp: 18278
 Ion Ratio Lower Upper
 105 100
 120 39.0 20.2 60.5



#95
 Naphthalene
 Concen: 3.66 ug/l
 RT: 14.52 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: VF060246.D
 Acq: 10 Sep 2018 20:28

Tgt Ion:128 Resp: 6471
 Ion Ratio Lower Upper
 128 100
 127 12.5 9.9 14.9
 129 8.0 8.9 13.3#

