

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
 Data File : VF060426.D
 Acq On : 3 Oct 2018 20:35
 Operator : VA/AP
 Sample : J5192-03
 Misc : 5.98/5mL/MSVOA F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AU-05-100218-B

Quant Time: Oct 04 06:39:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

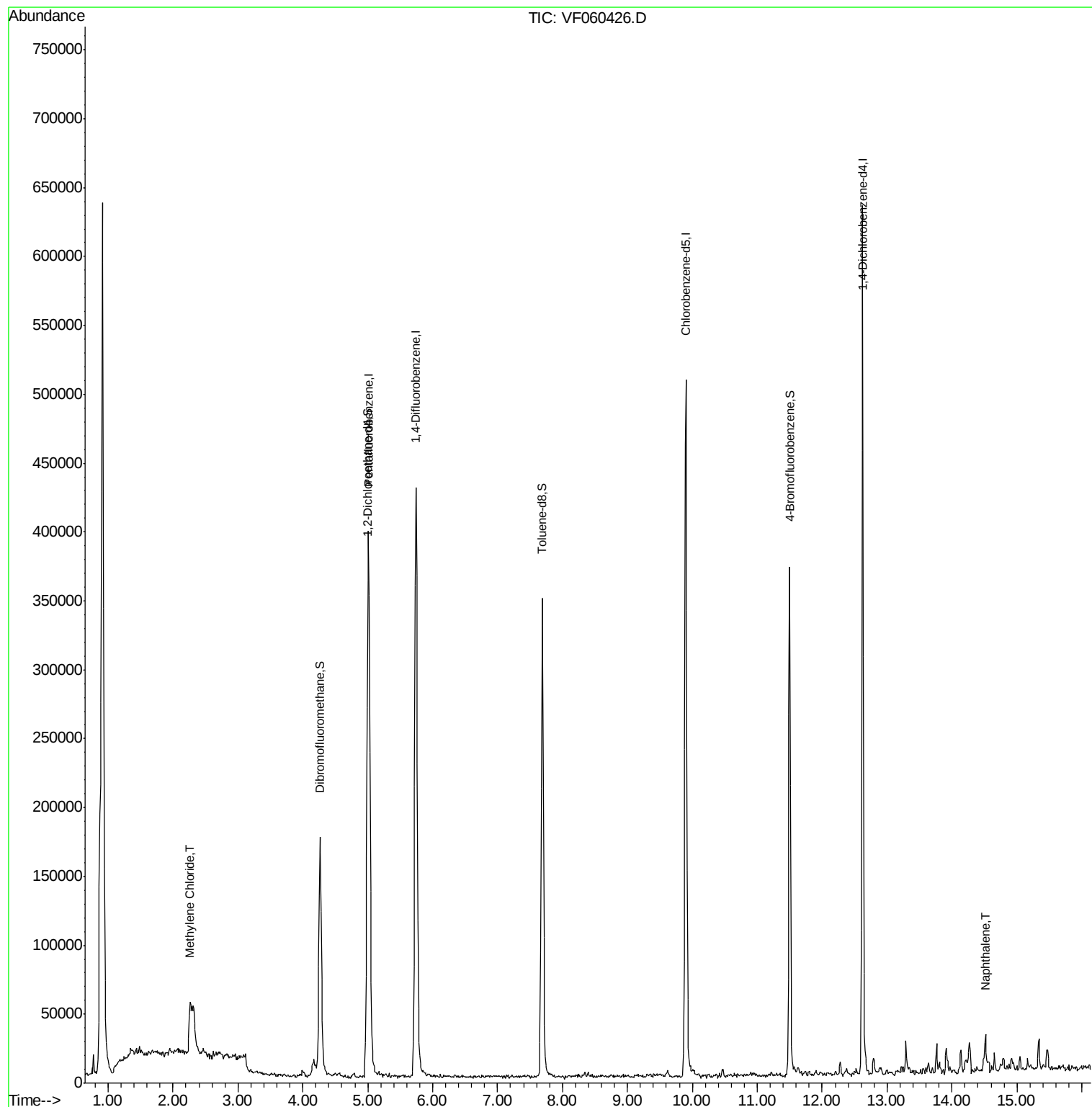
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	259553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	436142	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	342342	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	147335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	147113	36.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.44%	
35) Dibromofluoromethane	4.26	113	150540	36.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.48%	
50) Toluene-d8	7.68	98	287464	28.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.98%	
62) 4-Bromofluorobenzene	11.50	95	124460	27.01	ug/l	0.01
Spiked Amount 50.000			Recovery	=	54.02%	
Target Compounds						
20) Methylene Chloride	2.27	84	33630	6.500	ug/l	88
95) Naphthalene	14.51	128	14262	2.283	ug/l #	92

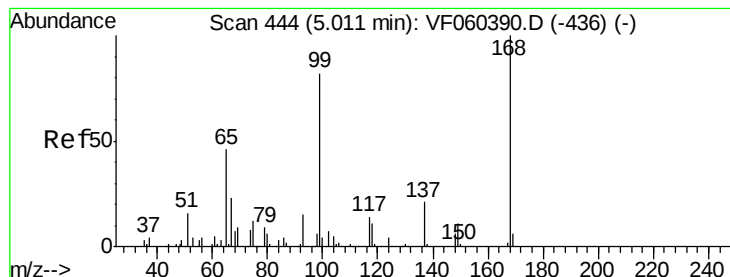
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF060426.D

Acq: 3 Oct 2018 20:35

Instrument :

MSVOA_F

ClientSampleId :

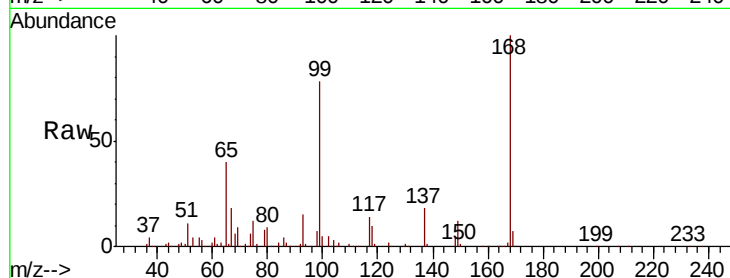
AU-05-100218-B

Tot Ion:168 Resp: 259553

Ion Ratio Lower Upper

168 100

99 78.4 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.01

80000

60000

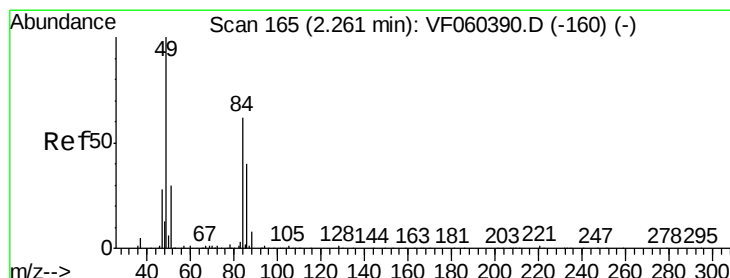
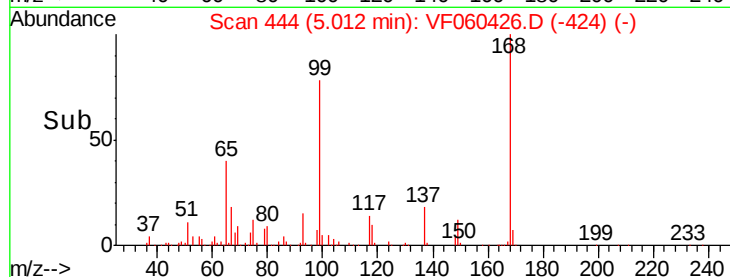
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 6.500 ug/l

RT: 2.27 min Scan# 166

Delta R.T. 0.01 min

Lab File: VF060426.D

Acq: 3 Oct 2018 20:35

Tgt Ion: 84 Resp: 33630

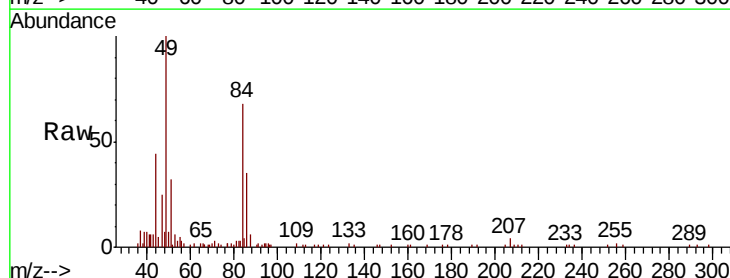
Ion Ratio Lower Upper

84 100

49 146.9 130.2 195.2

51 47.1 41.0 61.6

86 51.9 51.5 77.3



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

20000

15000

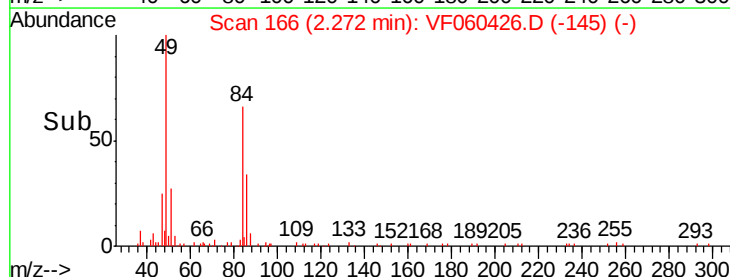
10000

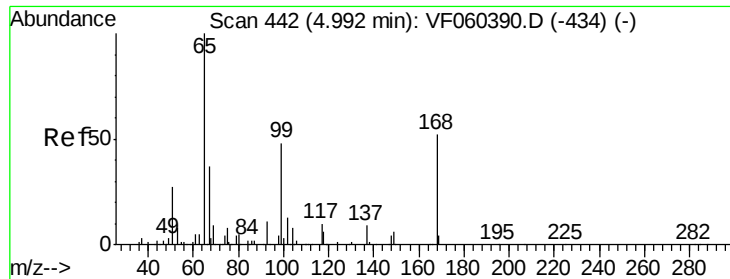
5000

0

Time-->

2.10 2.20 2.30 2.40

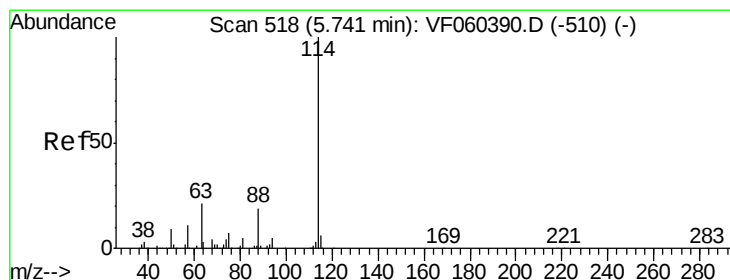
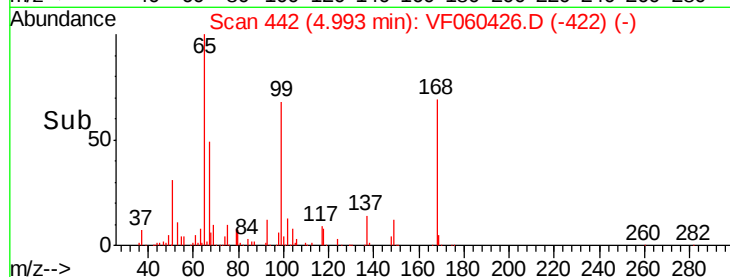
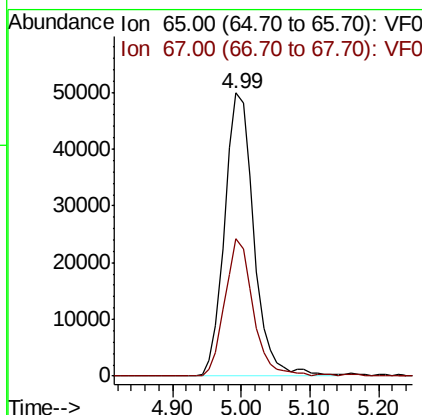
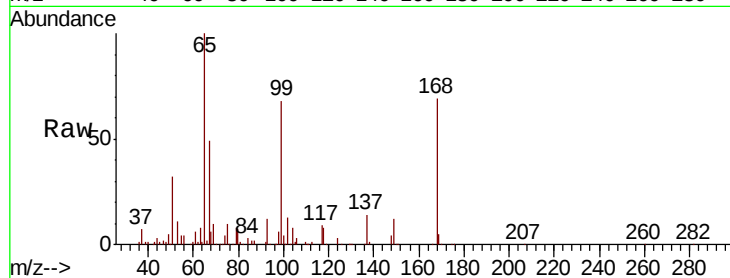




#33
 1,2-Dichloroethane-d4
 Concen: 36.222 ug/l
 RT: 4.99 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VF060426.D
 Acq: 3 Oct 2018 20:35

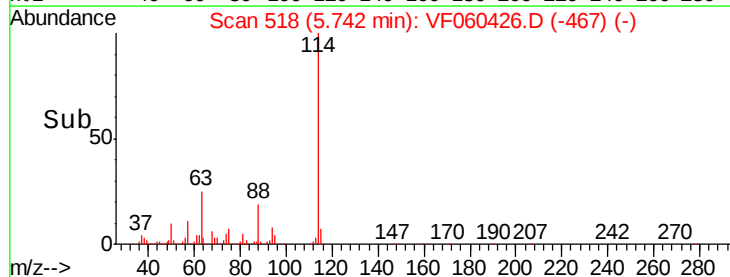
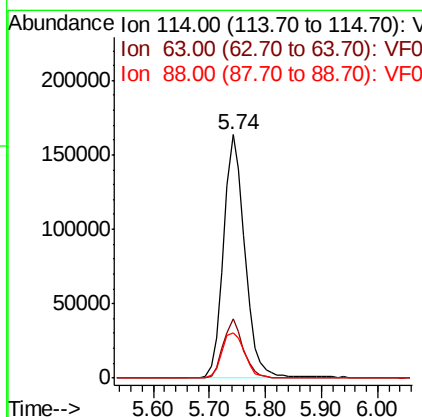
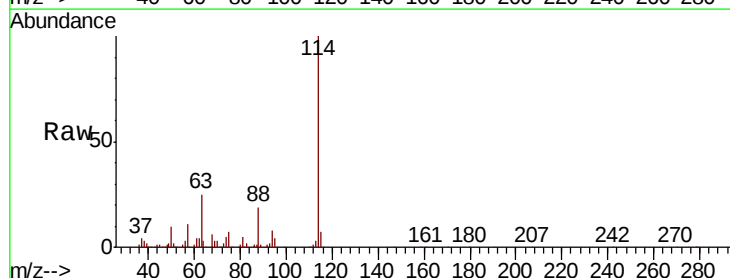
Instrument :
 MSVOA_F
 ClientSampleId :
 AU-05-100218-B

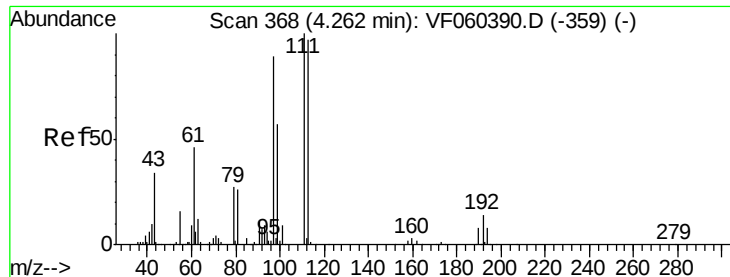
Tot Ion: 65 Resp: 147113
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 89.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.74 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VF060426.D
 Acq: 3 Oct 2018 20:35

Tgt Ion: 114 Resp: 436142
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 42.2
 88 18.5 0.0 38.8

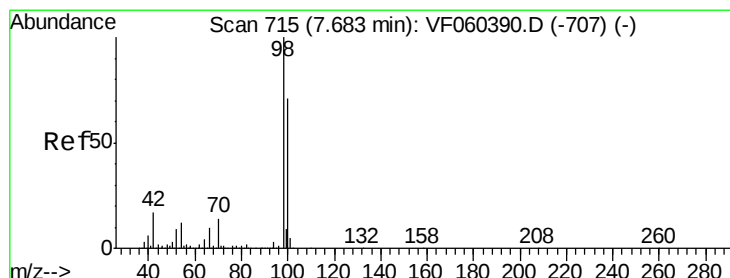
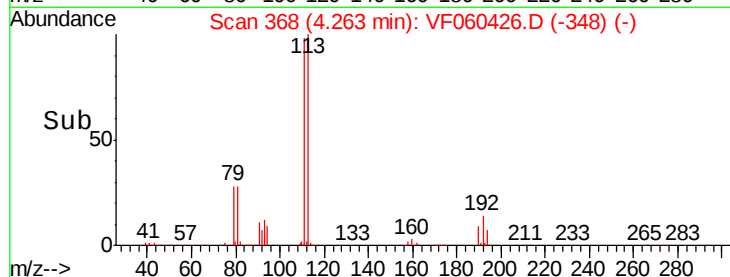
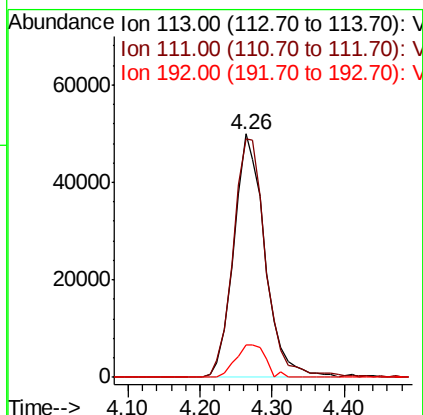
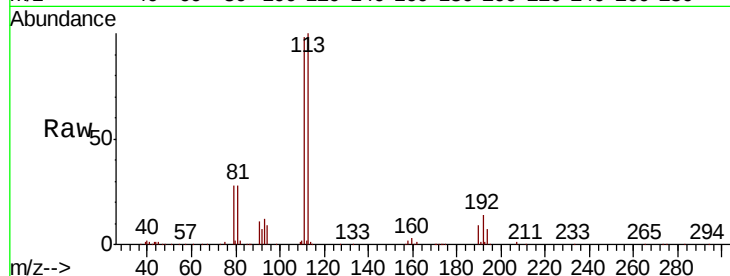




#35
 Dibromofluoromethane
 Concen: 36.741 ug/l
 RT: 4.26 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VF060426.D
 Acq: 3 Oct 2018 20:35

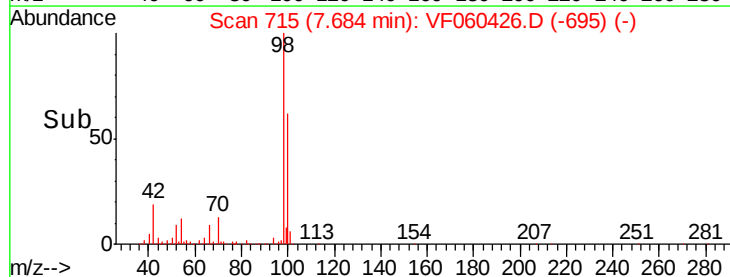
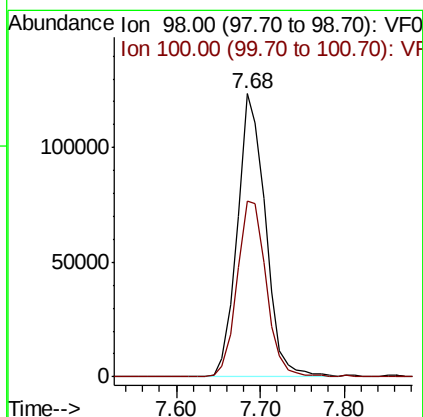
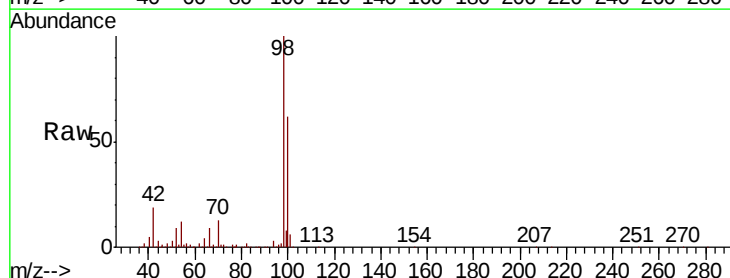
Instrument :
 MSVOA_F
 ClientSampleId :
 AU-05-100218-B

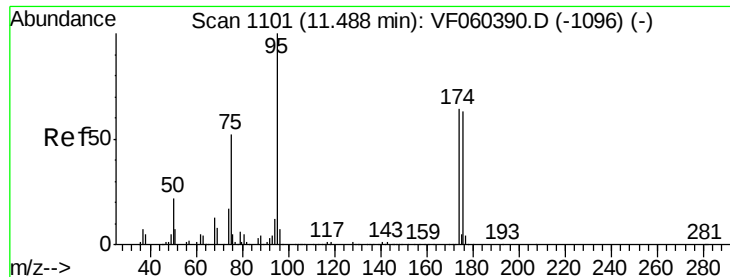
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.0	82.3	123.5
192	13.6	11.8	17.6



#50
 Toluene-d8
 Concen: 28.488 ug/l
 RT: 7.68 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VF060426.D
 Acq: 3 Oct 2018 20:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.1	56.5	84.7





#62

4-Bromofluorobenzene

Concen: 27.013 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VF060426.D

Acq: 3 Oct 2018 20:35

Instrument :

MSVOA_F

ClientSampleId :

AU-05-100218-B

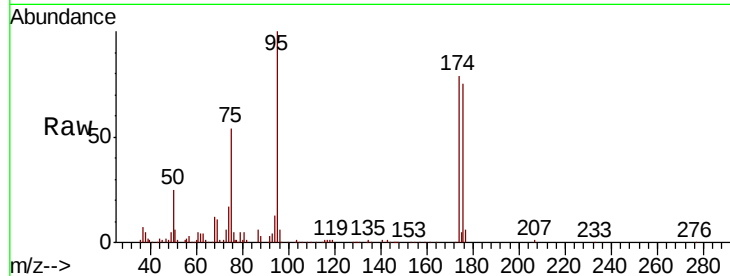
Tot Ion: 95 Resp: 124460

Ion Ratio Lower Upper

95 100

174 78.5 0.0 129.0

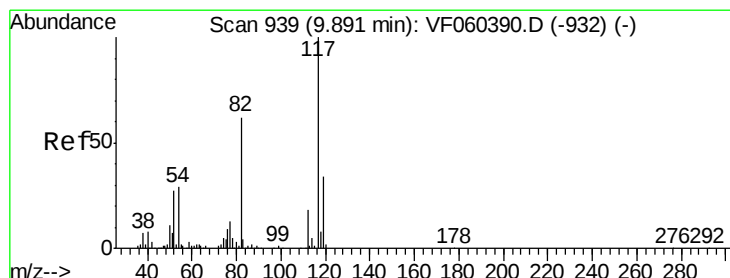
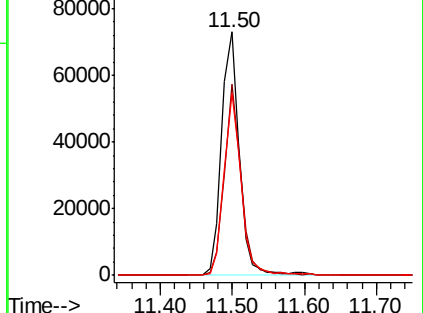
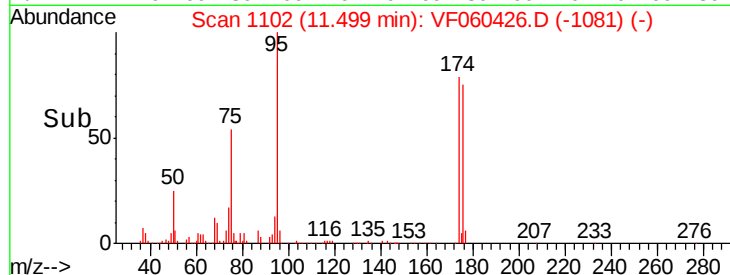
176 74.6 0.0 125.6



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: VF060426.D

Acq: 3 Oct 2018 20:35

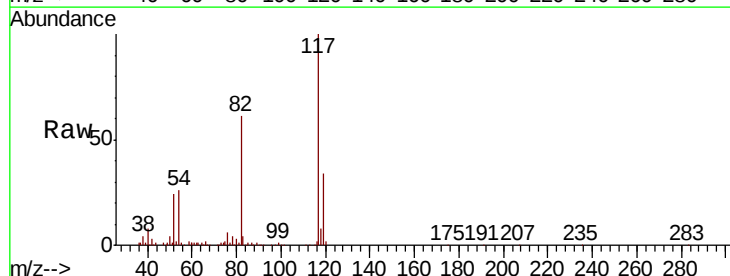
Tgt Ion: 117 Resp: 342342

Ion Ratio Lower Upper

117 100

82 60.7 49.5 74.3

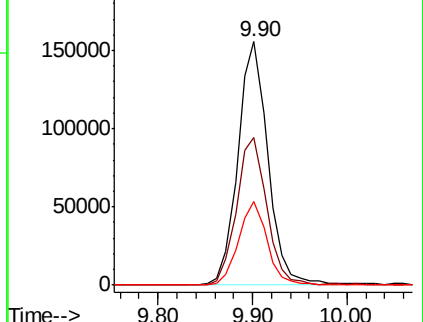
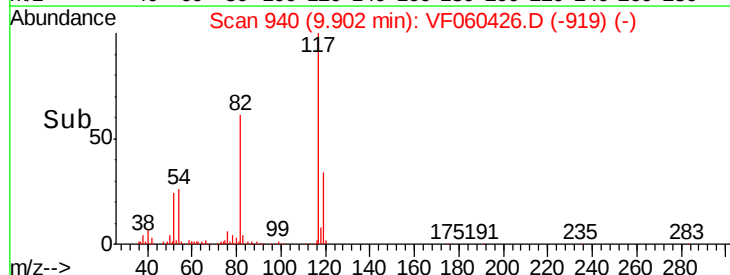
119 34.2 27.0 40.6

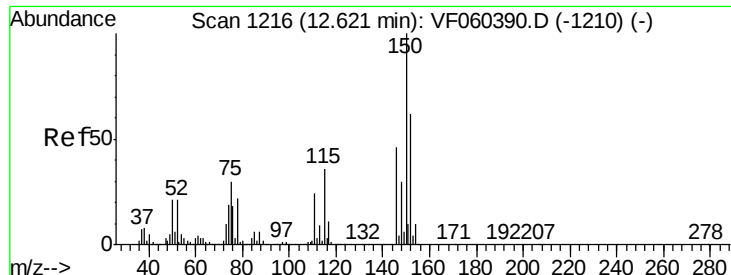


Abundance Ion 117.00 (116.70 to 117.70): V

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: VF060426.D

Acq: 3 Oct 2018 20:35

Instrument :

MSVOA_F

ClientSampleId :

AU-05-100218-B

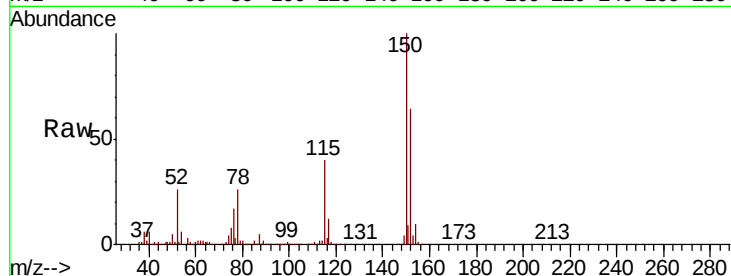
Tot Ion:152 Resp: 147335

Ion Ratio Lower Upper

152 100

115 62.3 28.6 85.8

150 155.9 0.0 324.6

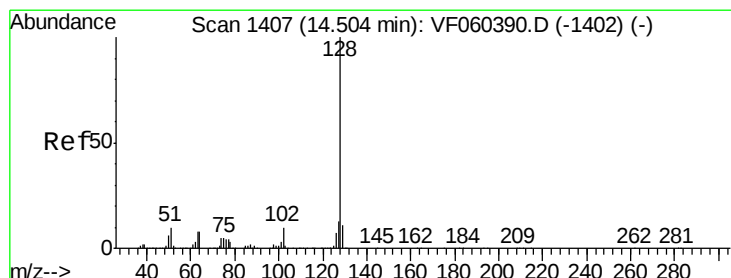
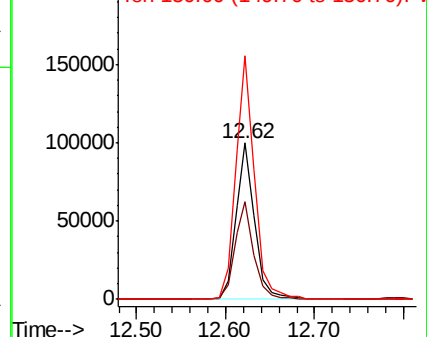
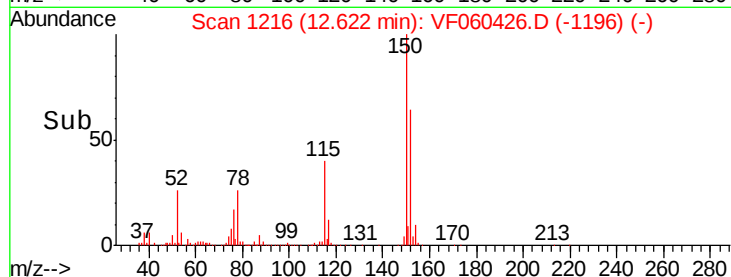


Abundance

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



#95

Naphthalene

Concen: 2.283 ug/l

RT: 14.51 min Scan# 1408

Delta R.T. 0.01 min

Lab File: VF060426.D

Acq: 3 Oct 2018 20:35

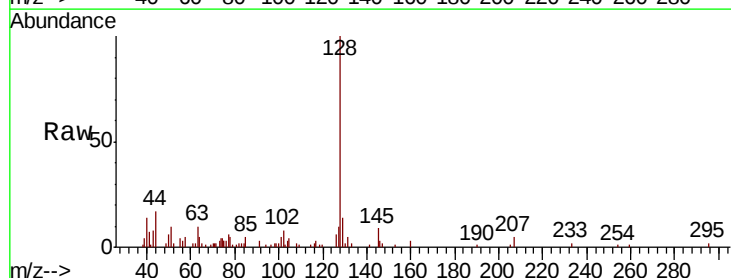
Tgt Ion:128 Resp: 14262

Ion Ratio Lower Upper

128 100

127 9.6 10.0 15.0#

129 13.9 8.7 13.1#



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

