

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081018\
 Data File : VF059948.D
 Acq On : 10 Aug 2018 16:52
 Operator : VA/AP
 Sample : J4394-02
 Misc : 10.69g/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-EF-01-006-ABCD

Quant Time: Aug 10 23:42:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	100043	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	136264	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	126611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	72366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	82649	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
35) Dibromofluoromethane	4.31	113	62469	46.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.16%	
50) Toluene-d8	7.72	98	117053	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
62) 4-Bromofluorobenzene	11.52	95	61119	37.70	ug/l	0.01
Spiked Amount 50.000			Recovery	=	75.40%	

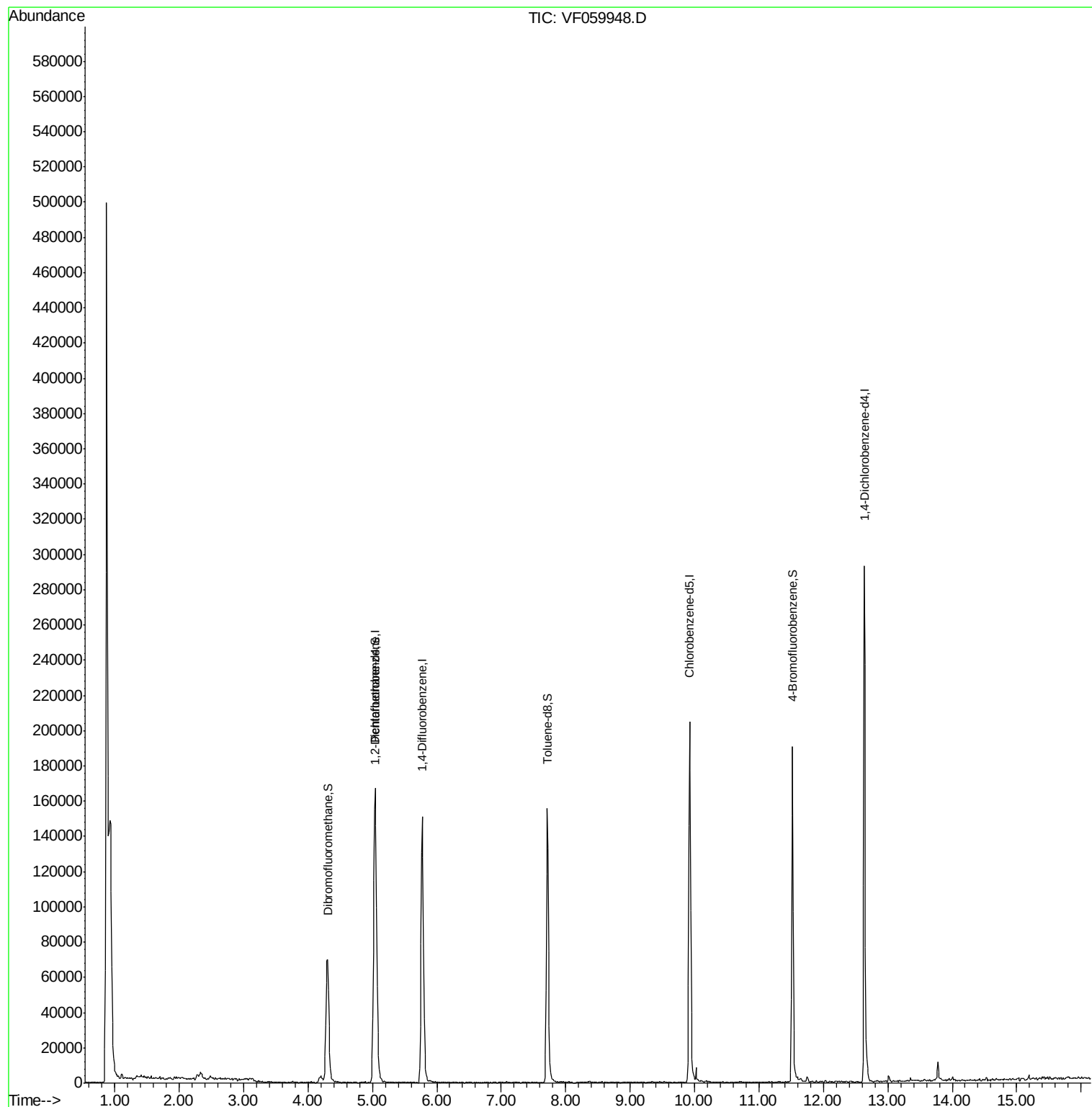
Target Compounds	Qvalue
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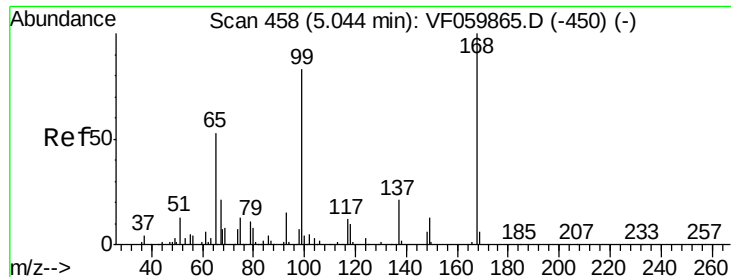
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 04 07:08:36 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF059948.D

Acq: 10 Aug 2018 16:52

Instrument :

MSVOA_F

ClientSampleId :

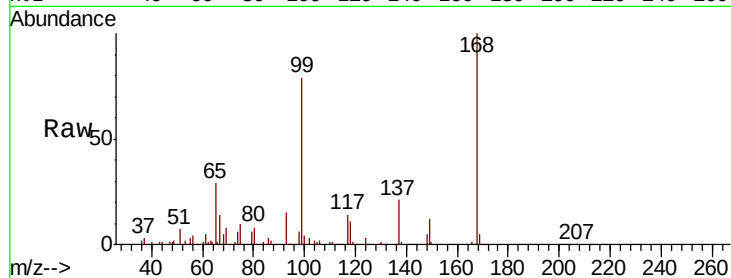
FK-EF-01-006-ABCD

Tot Ion:168 Resp: 100043

Ion Ratio Lower Upper

168 100

99 79.0 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

40000

30000

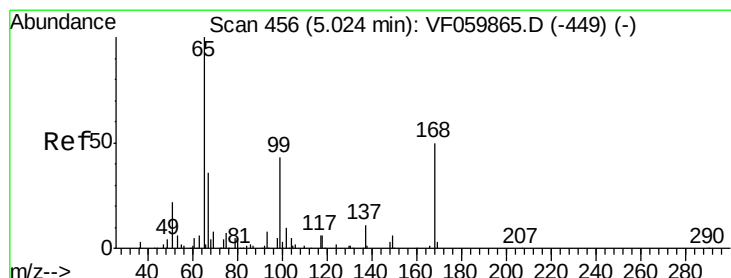
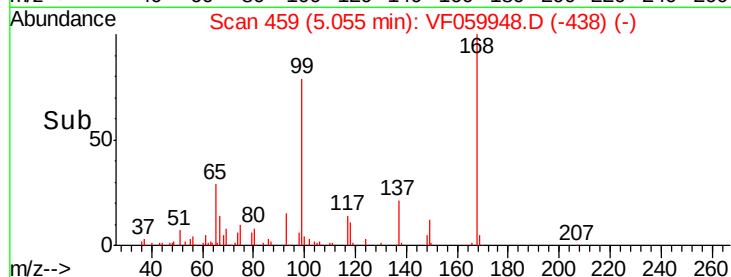
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 45.82 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059948.D

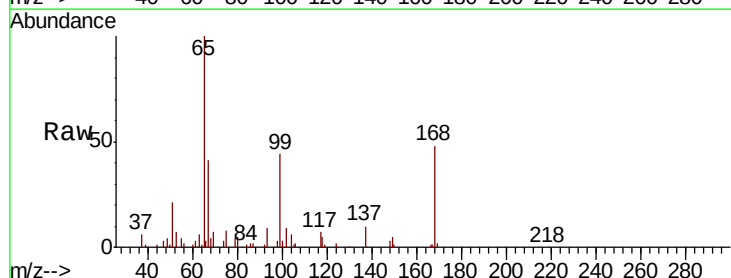
Acq: 10 Aug 2018 16:52

Tgt Ion: 65 Resp: 82649

Ion Ratio Lower Upper

65 100

67 40.9 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.03

30000

25000

20000

15000

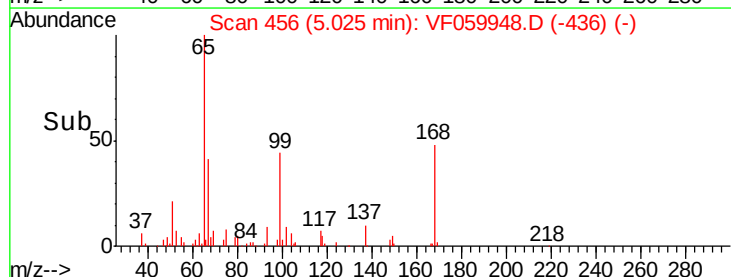
10000

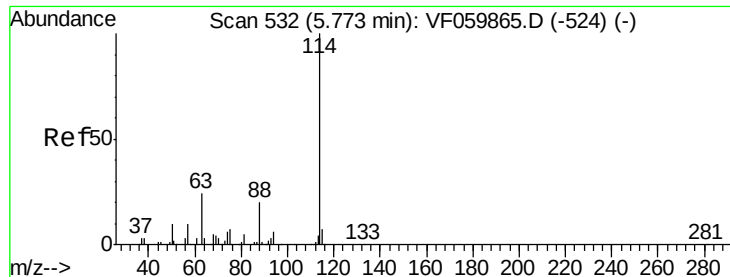
5000

0

Time-->

4.90 5.00 5.10 5.20

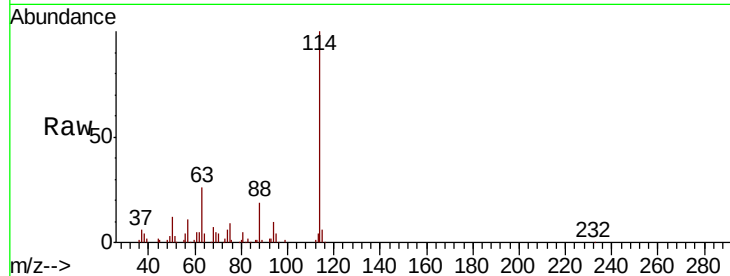




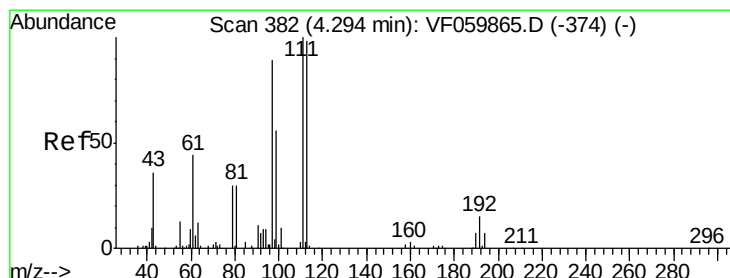
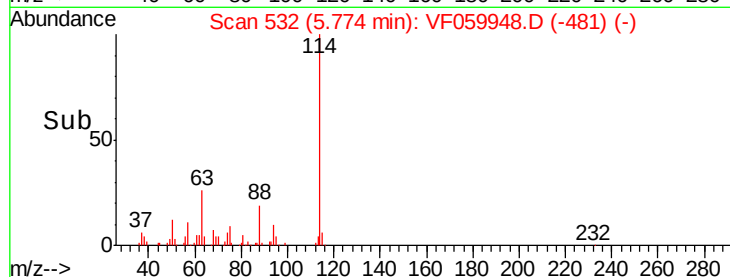
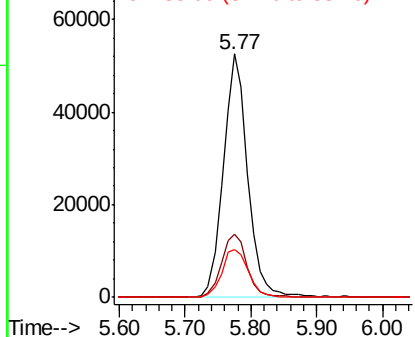
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF059948.D
 Acq: 10 Aug 2018 16:52

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-EF-01-006-ABCD

Tot Ion:114	Resp:	136264
Ion Ratio	Lower	Upper
114	100	
63	25.8	0.0 48.0
88	19.5	0.0 39.4

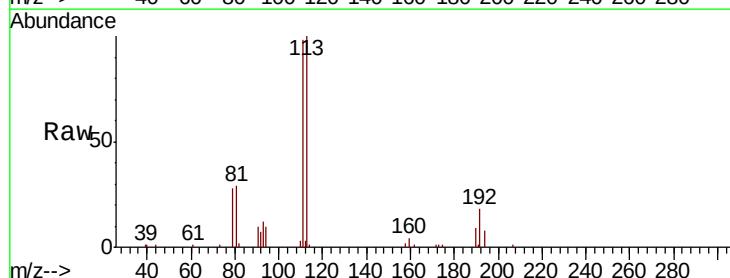


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

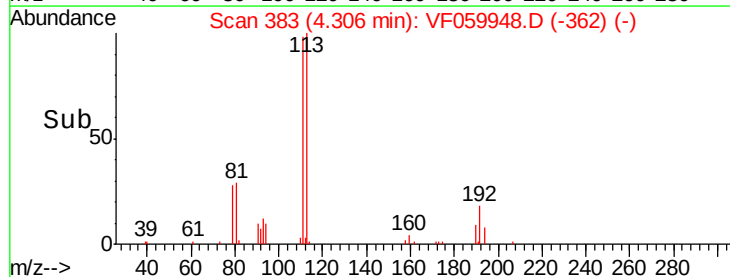
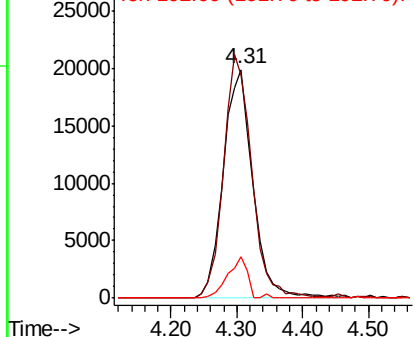


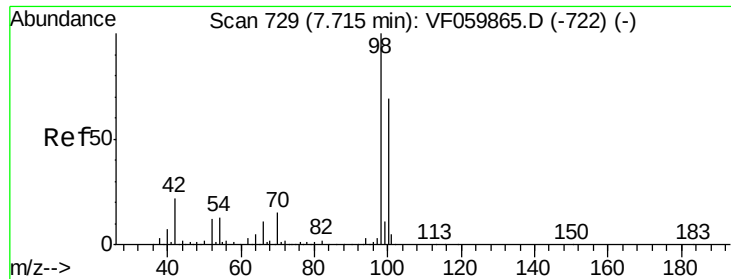
#35
 Dibromofluoromethane
 Concen: 46.08 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VF059948.D
 Acq: 10 Aug 2018 16:52

Tgt Ion:113	Resp:	62469
Ion Ratio	Lower	Upper
113	100	
111	97.9	81.8 122.8
192	18.1	12.4 18.6



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: 40.58 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.00 min

Lab File: VF059948.D

Acq: 10 Aug 2018 16:52

Instrument :

MSVOA_F

ClientSampleId :

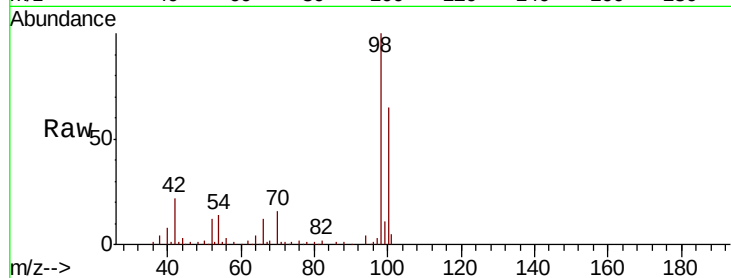
FK-EF-01-006-ABCD

Tot Ion: 98 Resp: 117053

Ion Ratio Lower Upper

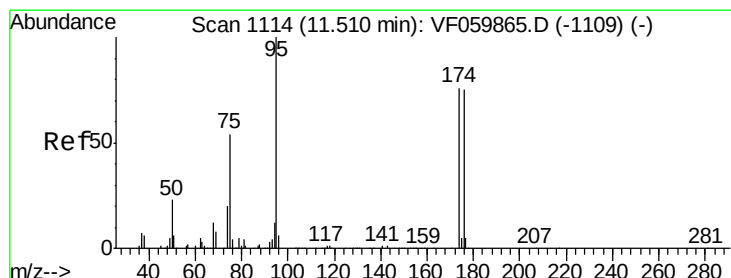
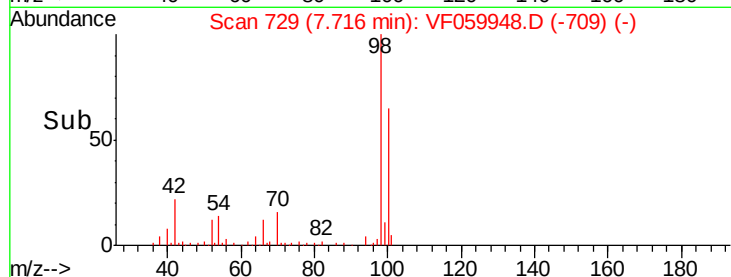
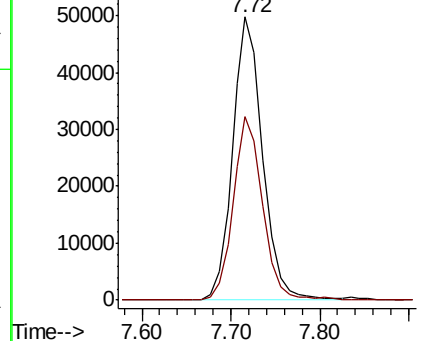
98 100

100 64.9 55.0 82.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 37.70 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VF059948.D

Acq: 10 Aug 2018 16:52

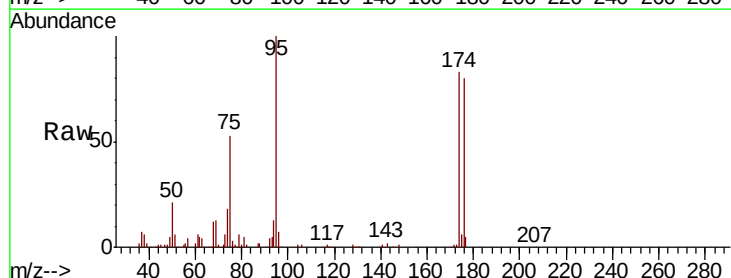
Tgt Ion: 95 Resp: 61119

Ion Ratio Lower Upper

95 100

174 83.3 0.0 151.6

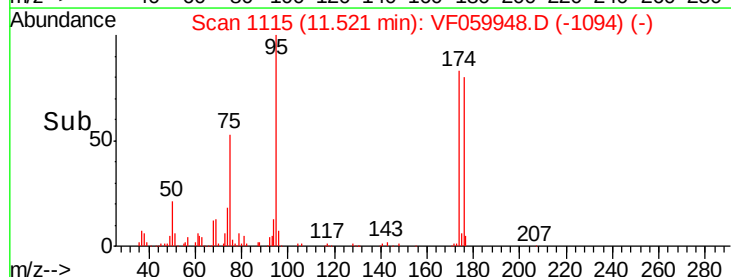
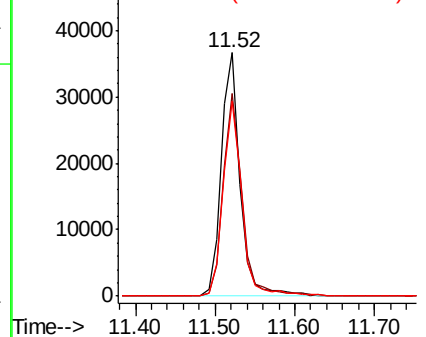
176 80.0 0.0 149.8

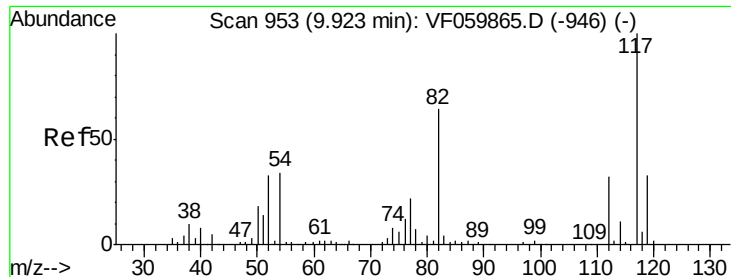


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

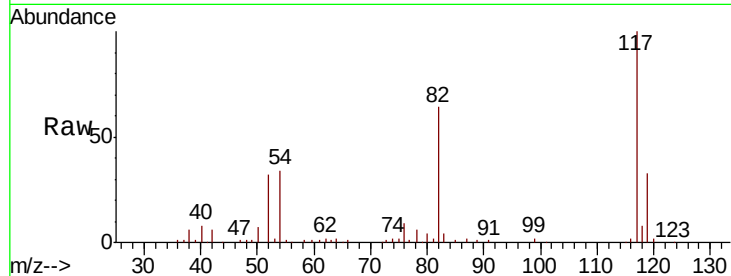




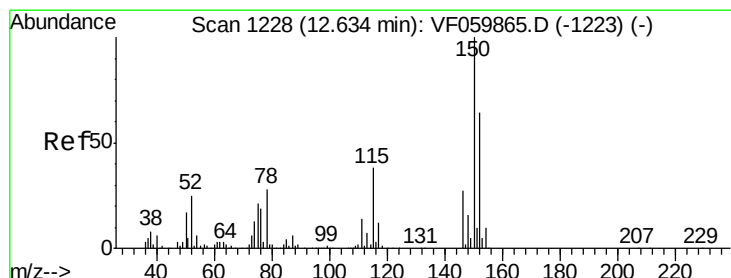
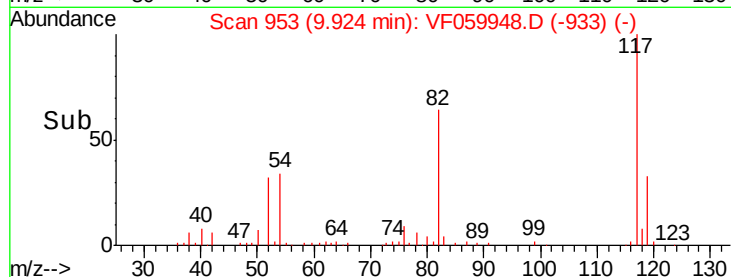
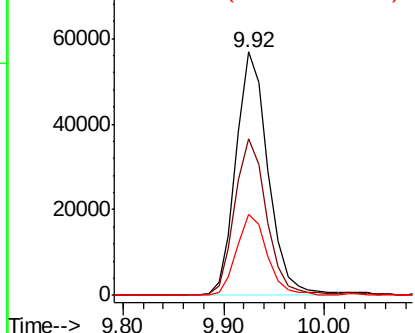
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059948.D
Acq: 10 Aug 2018 16:52

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-006-ABCD

Tot Ion:117 Resp: 126611
Ion Ratio Lower Upper
117 100
82 64.4 51.3 76.9
119 33.4 26.4 39.6

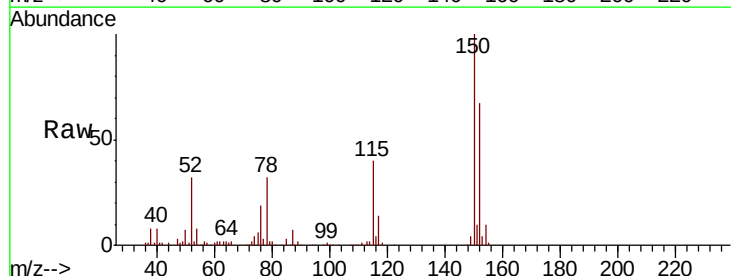


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059948.D
Acq: 10 Aug 2018 16:52

Tgt Ion:152 Resp: 72366
Ion Ratio Lower Upper
152 100
115 59.2 29.8 89.4
150 148.9 0.0 315.6



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

