

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059855.D
 Acq On : 3 Aug 2018 22:46
 Operator : VA/AP
 Sample : J4285-21RE
 Misc : 5.87g/5mL/MSVOA F/SOIL
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-6RE

Quant Time: Aug 04 04:39:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	173258	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	232762	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	151141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	42492	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	122839	39.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.90%	
35) Dibromofluoromethane	4.29	113	91016	37.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.30%	
50) Toluene-d8	7.71	98	173790	30.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.66%	
62) 4-Bromofluorobenzene	11.51	95	44690	14.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	28.64%	

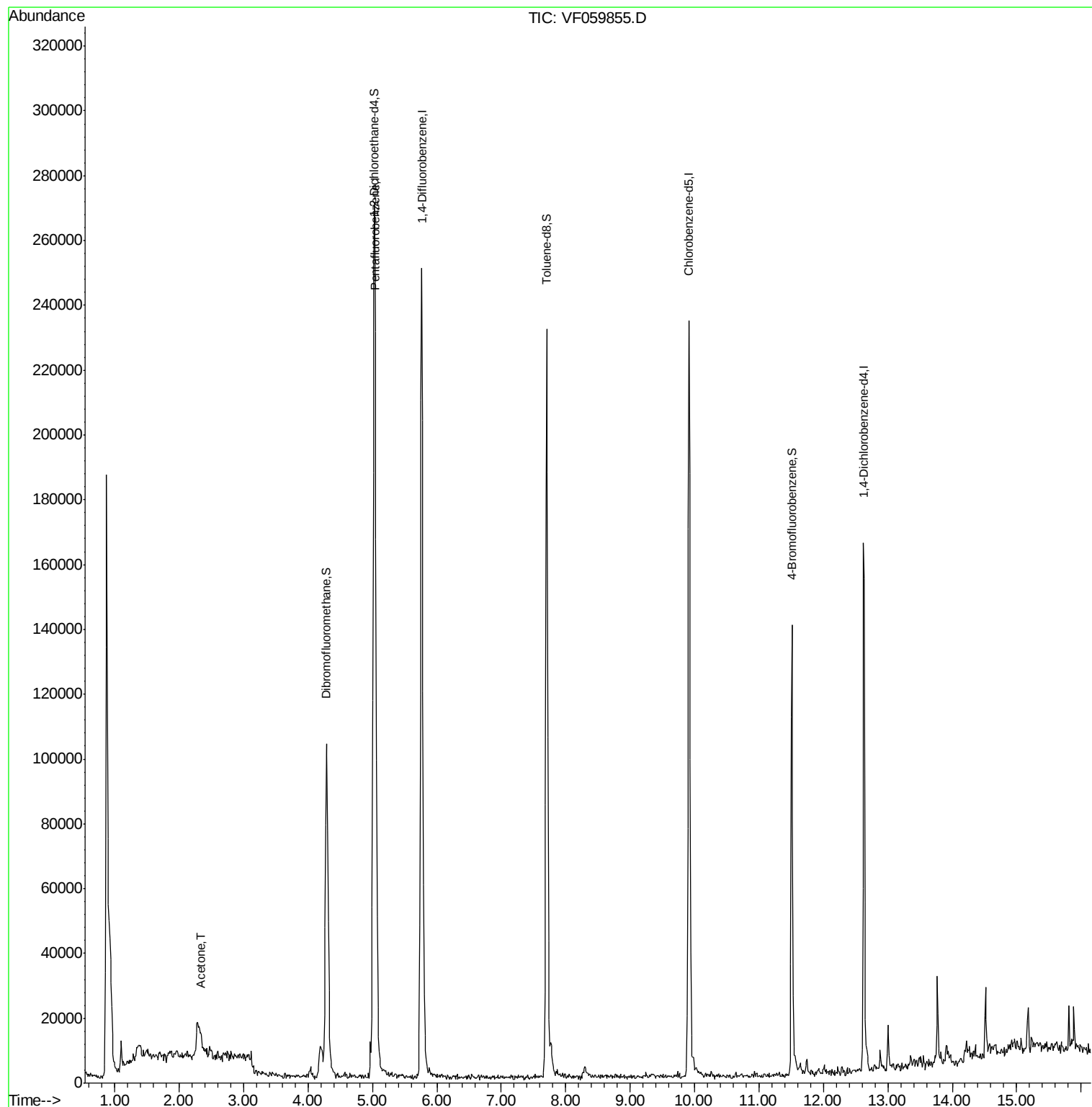
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	8946	15.97	ug/l	94

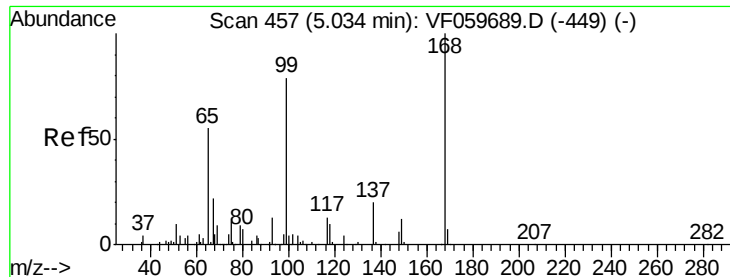
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059855.D

Acq: 3 Aug 2018 22:46

Instrument :

MSVOA_F

ClientSampleId :

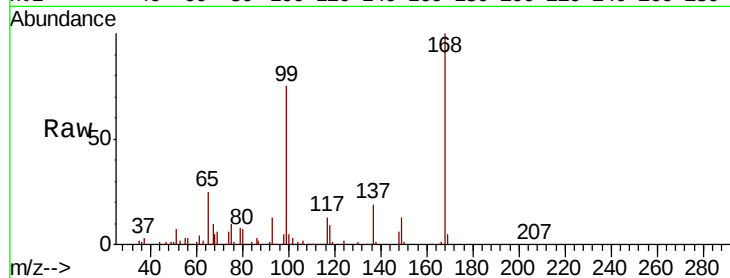
KG-PIT-6RE

Tot Ion:168 Resp: 173258

Ion Ratio Lower Upper

168 100

99 74.5 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

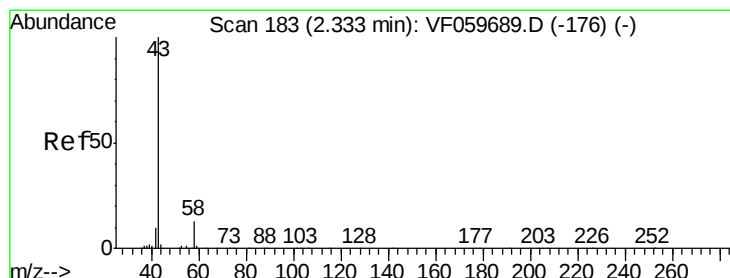
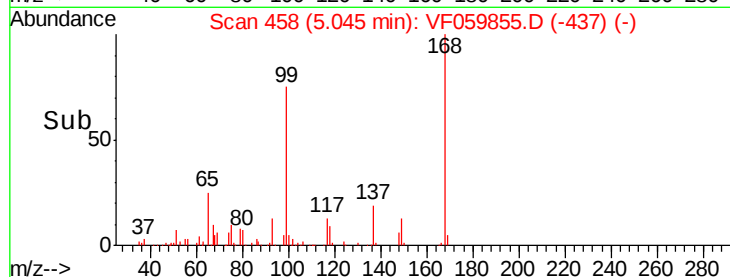
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 15.97 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF059855.D

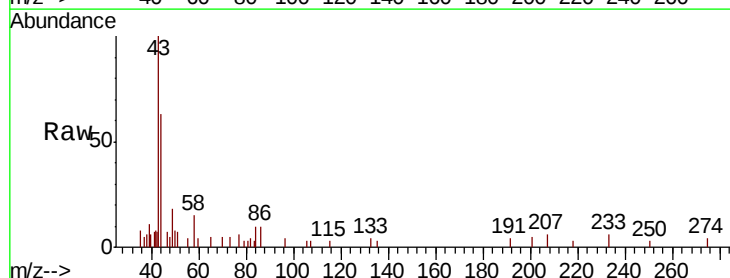
Acq: 3 Aug 2018 22:46

Tgt Ion: 43 Resp: 8946

Ion Ratio Lower Upper

43 100

58 15.1 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

4000

3000

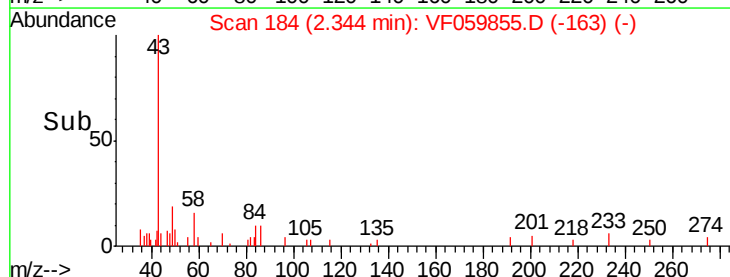
2000

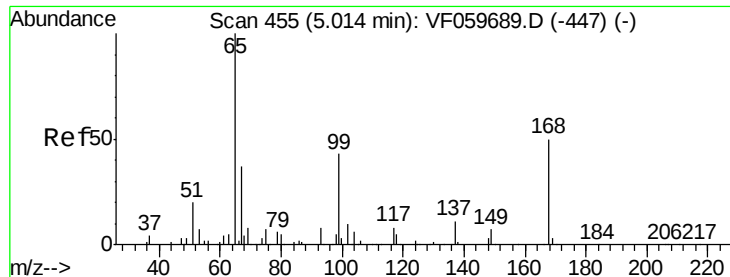
1000

0

Time-->

2.25 2.30 2.35 2.40 2.45





#33

1,2-Dichloroethane-d4

Concen: 39.45 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059855.D

Acq: 3 Aug 2018 22:46

Instrument :

MSVOA_F

ClientSampleId :

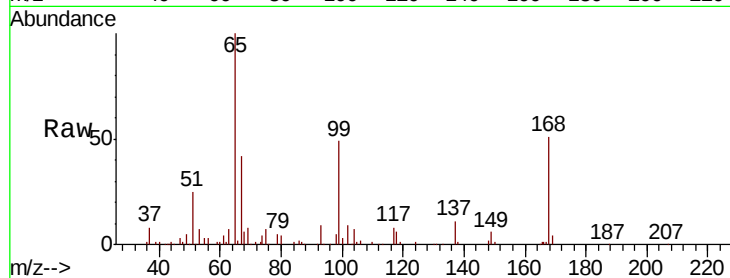
KG-PIT-6RE

Tot Ion: 65 Resp: 122839

Ion Ratio Lower Upper

65 100

67 42.3 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

50000

40000

30000

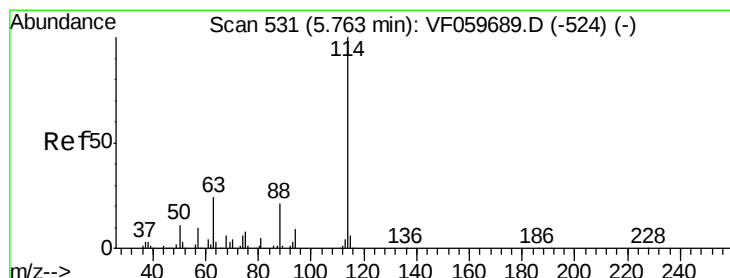
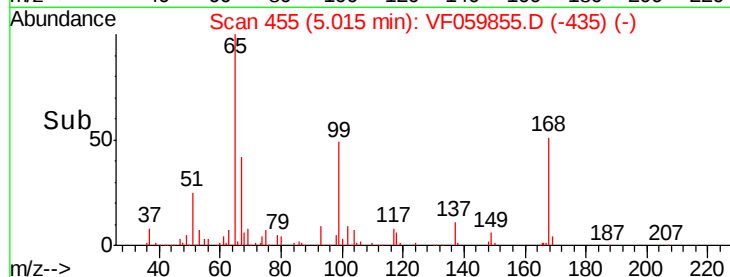
20000

10000

0

4.90 5.01 5.10 5.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059855.D

Acq: 3 Aug 2018 22:46

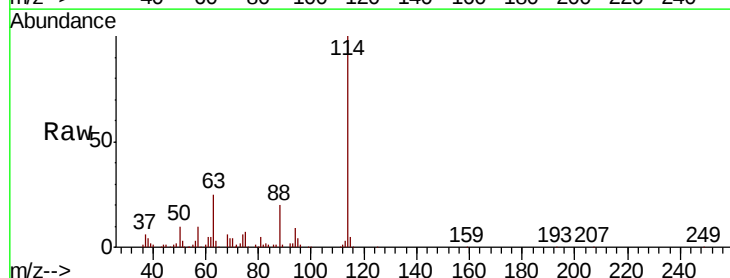
Tgt Ion: 114 Resp: 232762

Ion Ratio Lower Upper

114 100

63 25.2 0.0 47.4

88 19.9 0.0 41.2



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

120000

100000

80000

60000

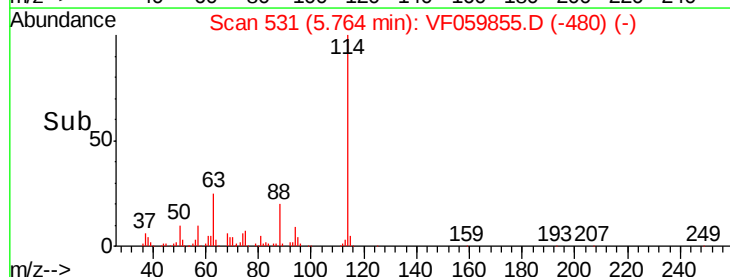
40000

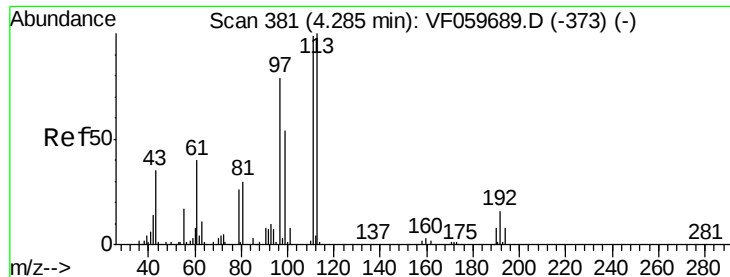
20000

0

5.60 5.70 5.80 5.90 6.00

Time-->

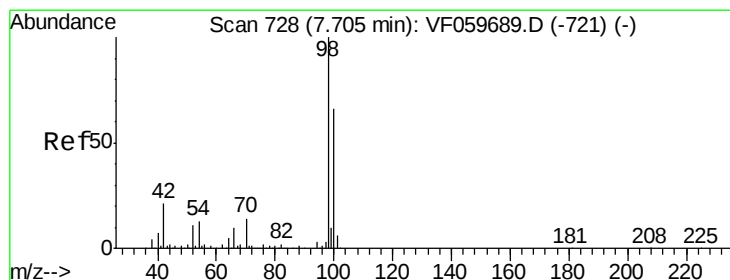
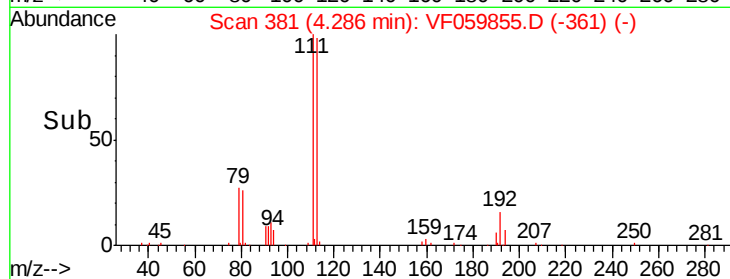
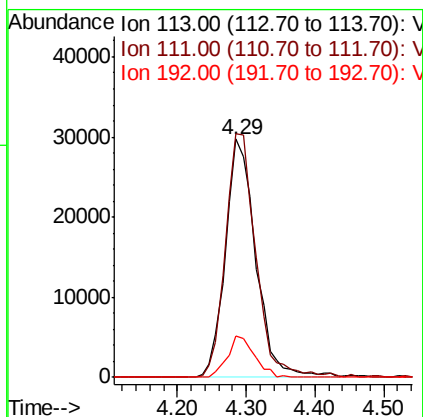
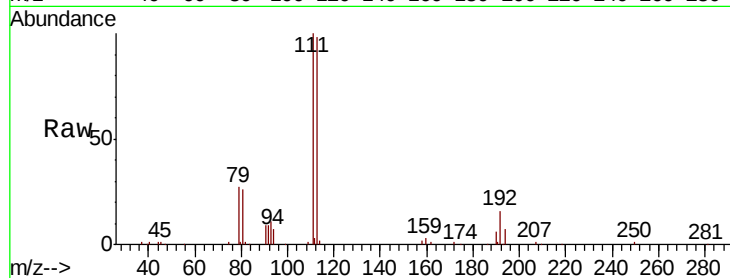




#35
 Dibromofluoromethane
 Concen: 37.65 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VF059855.D
 Acq: 3 Aug 2018 22:46

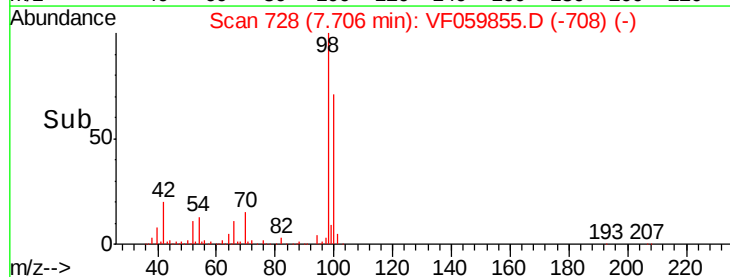
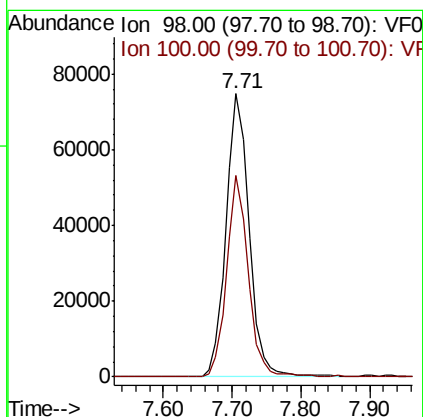
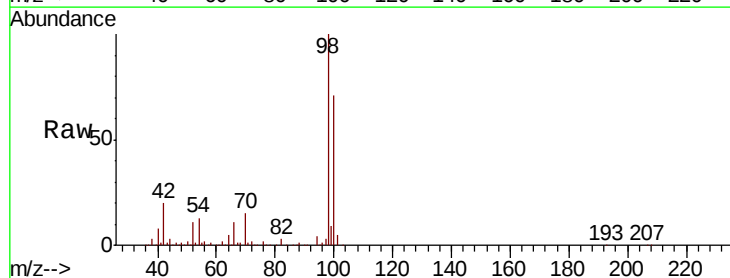
Instrument :
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 KG-PIT-6RE

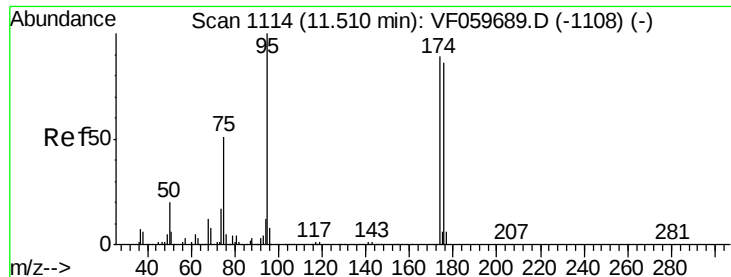
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	79.0	118.4
192	17.2	13.2	19.8



#50
 Toluene-d8
 Concen: 30.83 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VF059855.D
 Acq: 3 Aug 2018 22:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	71.2	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 14.32 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059855.D

Acq: 3 Aug 2018 22:46

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-6RE

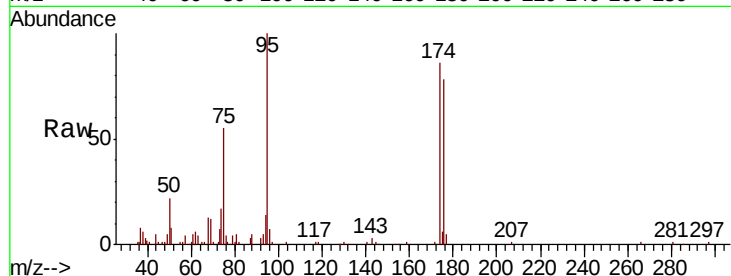
Tot Ion: 95 Resp: 44690

Ion Ratio Lower Upper

95 100

174 86.2 0.0 178.4

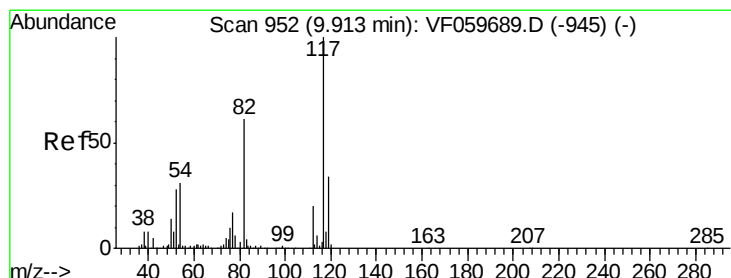
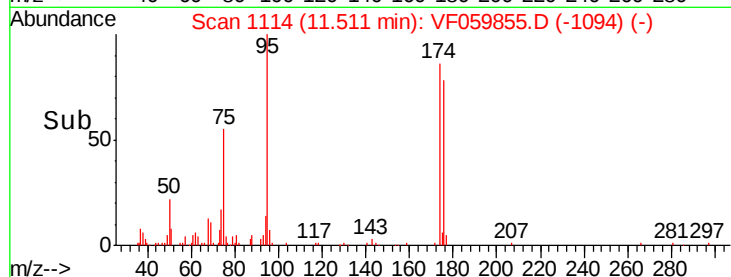
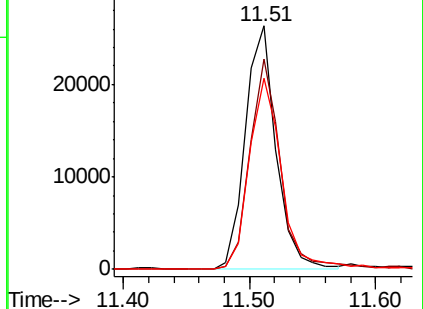
176 78.4 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059855.D

Acq: 3 Aug 2018 22:46

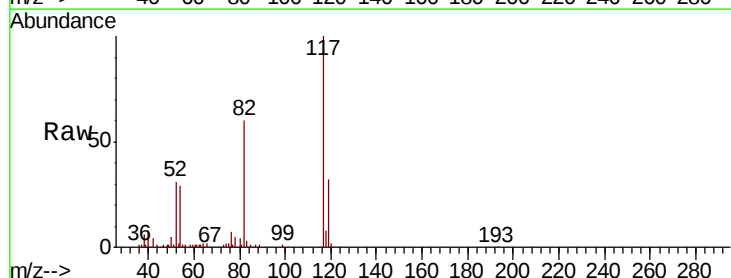
Tgt Ion: 117 Resp: 151141

Ion Ratio Lower Upper

117 100

82 59.6 49.0 73.4

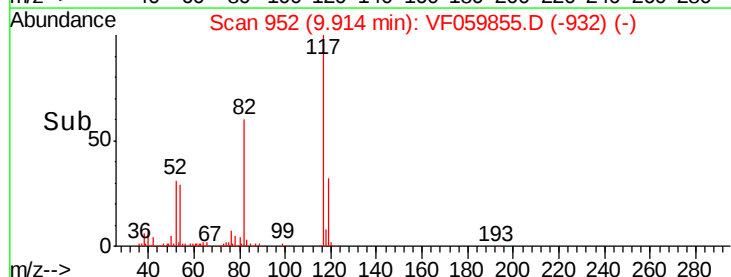
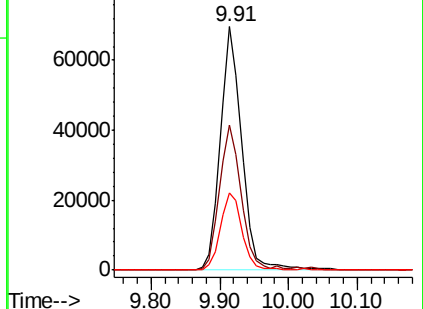
119 31.7 27.3 40.9

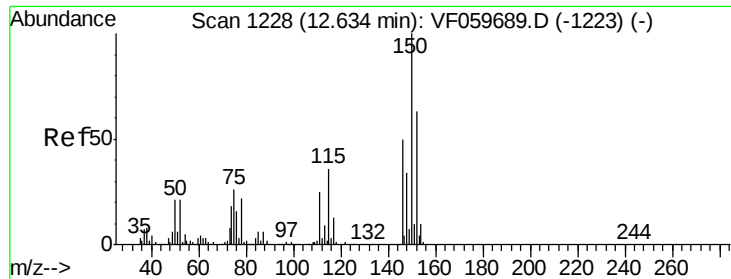


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059855.D

Acq: 3 Aug 2018 22:46

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-6RE

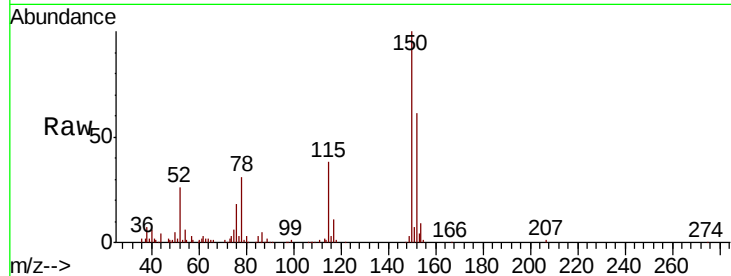
Tot Ion:152 Resp: 42492

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.6

150 163.0 0.0 316.2



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

