

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059853.D
 Acq On : 3 Aug 2018 21:52
 Operator : VA/AP
 Sample : J4285-13RE
 Misc : 3.40g/5mL/MSVOA F/SOIL
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-4RE

Quant Time: Aug 04 04:21:27 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

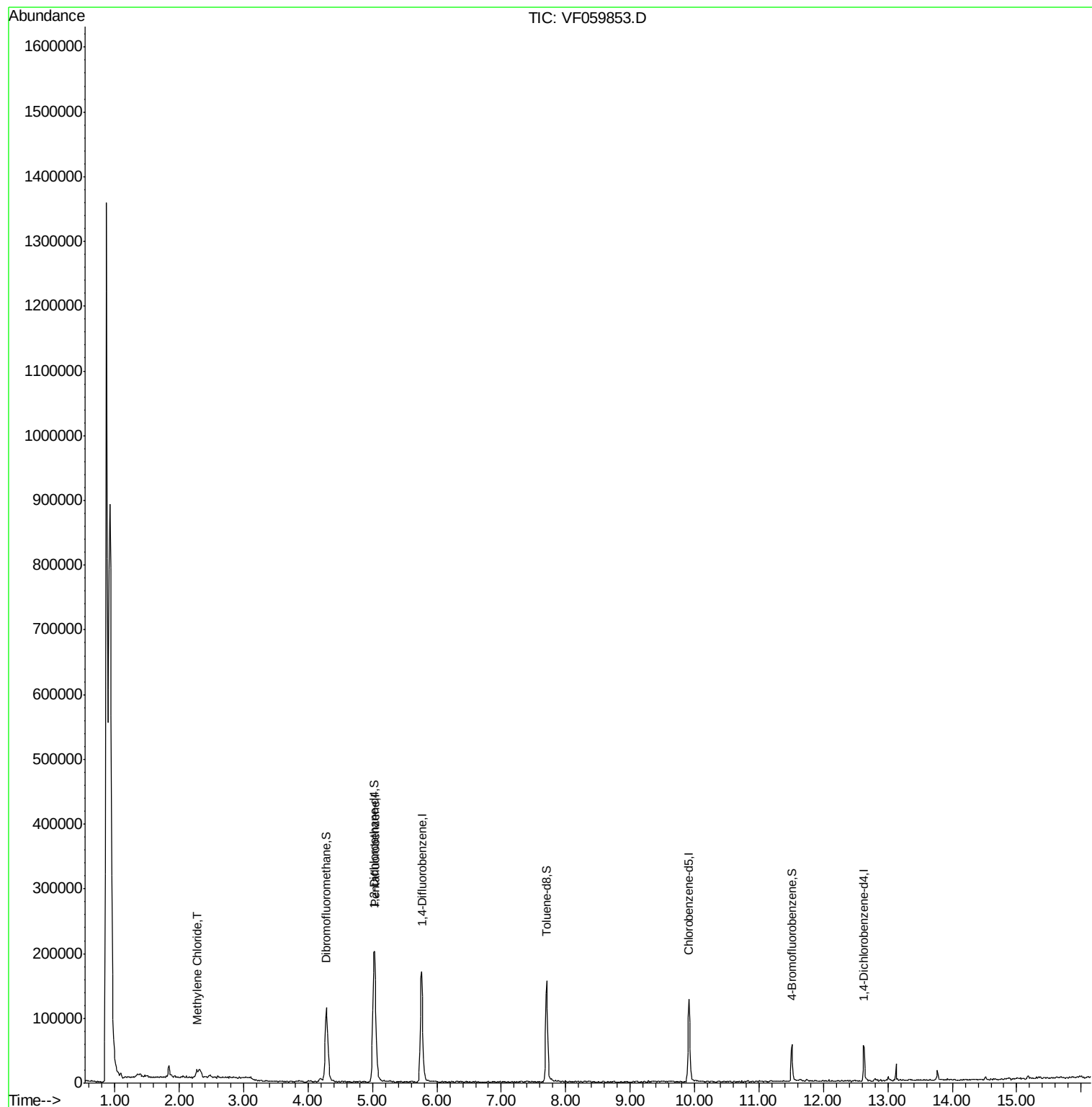
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	123926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	171698	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	82914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	15155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	115958	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
35) Dibromofluoromethane	4.28	113	103650	58.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.24%	
50) Toluene-d8	7.71	98	126824	30.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.00%	
62) 4-Bromofluorobenzene	11.51	95	19702	8.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	17.12%	
Target Compounds						
20) Methylene Chloride	2.26	84	8379	2.90	ug/l	Qvalue # 76

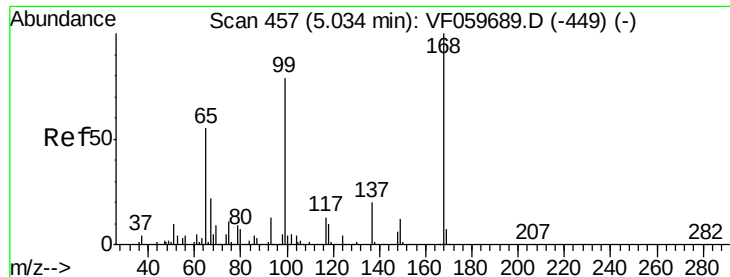
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059853.D

Acq: 3 Aug 2018 21:52

Instrument :

MSVOA_F

ClientSampleId :

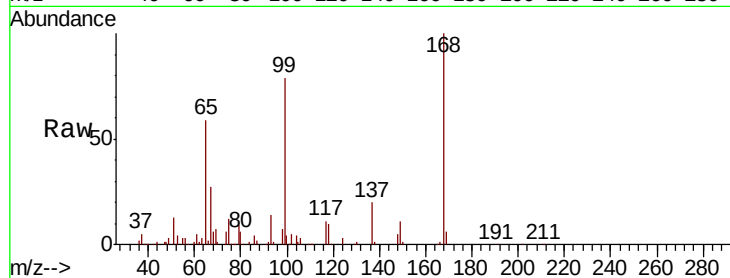
KG-PIT-4RE

Tot Ion:168 Resp: 123926

Ion Ratio Lower Upper

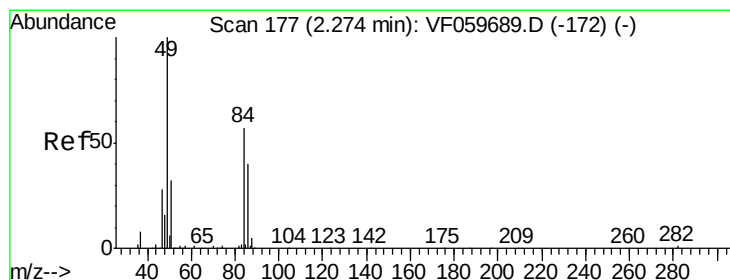
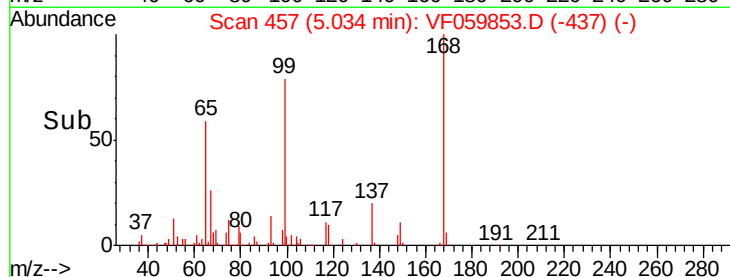
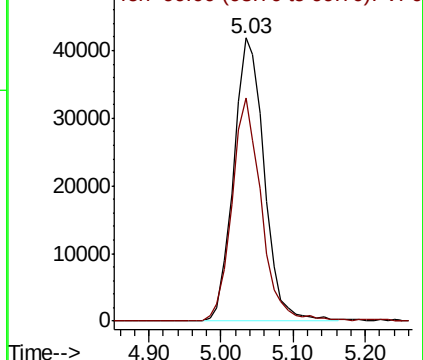
168 100

99 78.8 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 2.90 ug/l

RT: 2.26 min Scan# 176

Delta R.T. -0.01 min

Lab File: VF059853.D

Acq: 3 Aug 2018 21:52

Tgt Ion: 84 Resp: 8379

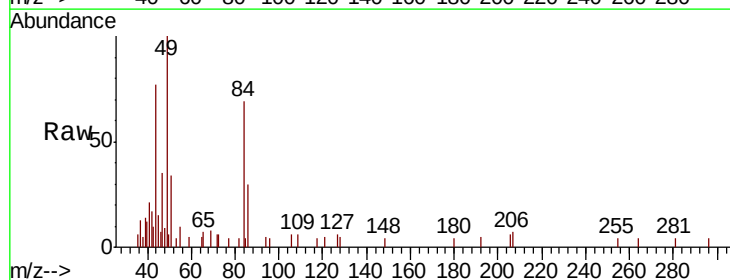
Ion Ratio Lower Upper

84 100

49 144.6 142.2 213.4

51 48.8 46.2 69.2

86 43.8 57.1 85.7#

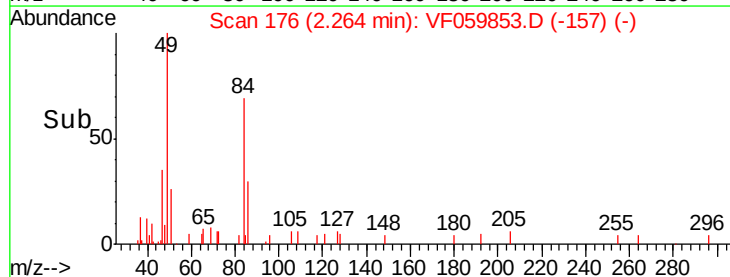
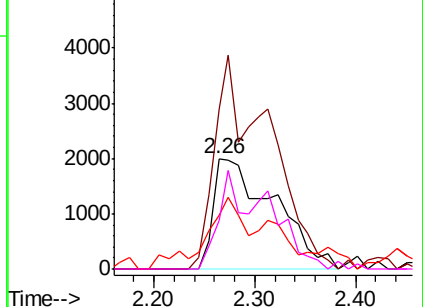


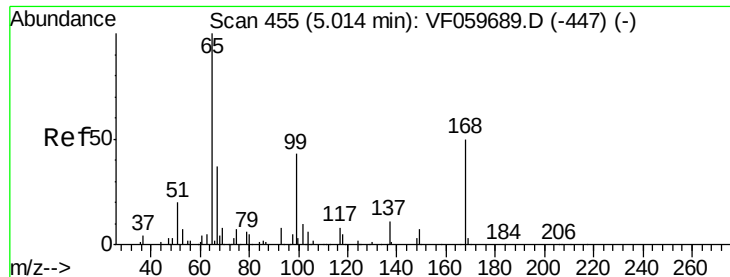
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





#33

1,2-Dichloroethane-d4

Concen: 52.06 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059853.D

Acq: 3 Aug 2018 21:52

Instrument :

MSVOA_F

ClientSampleId :

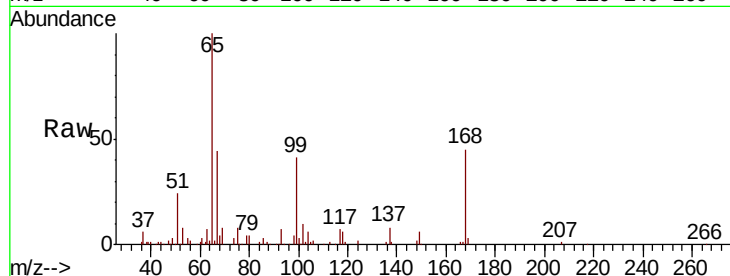
KG-PIT-4RE

Tot Ion: 65 Resp: 115958

Ion Ratio Lower Upper

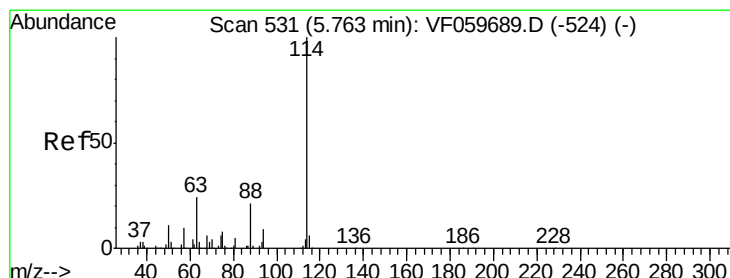
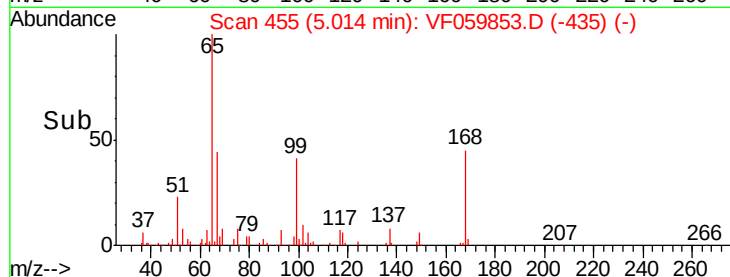
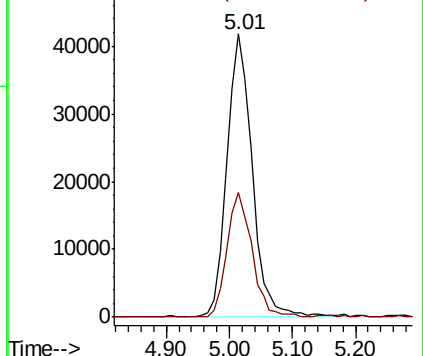
65 100

67 44.2 0.0 84.6



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: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059853.D

Acq: 3 Aug 2018 21:52

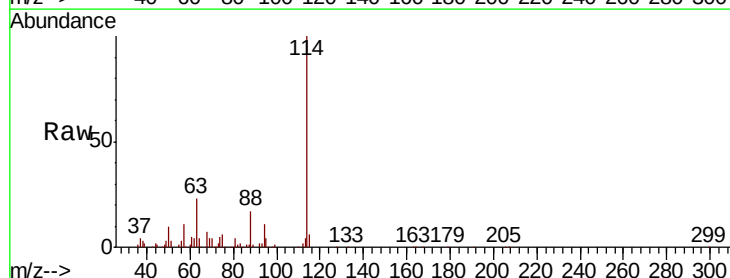
Tgt Ion: 114 Resp: 171698

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.4

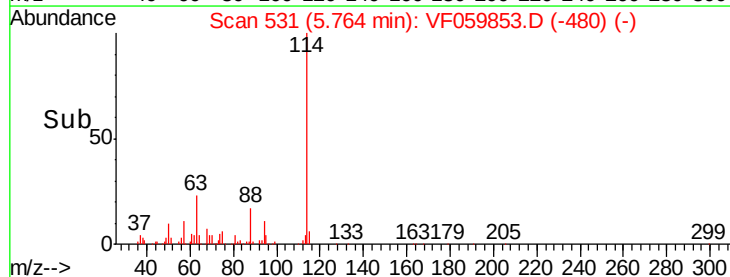
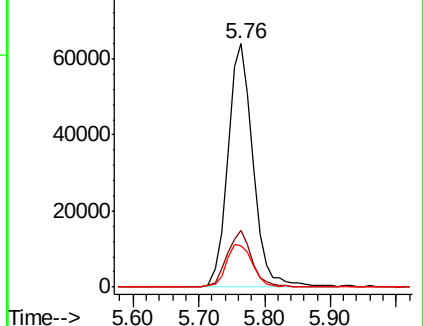
88 17.0 0.0 41.2

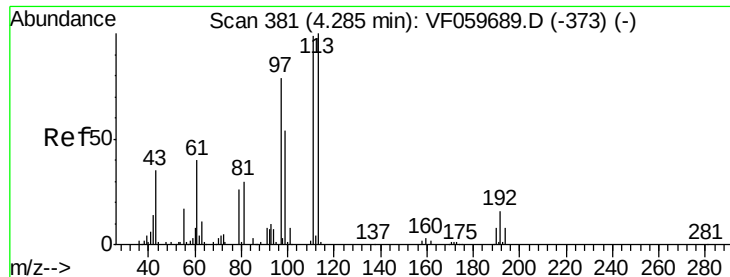


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

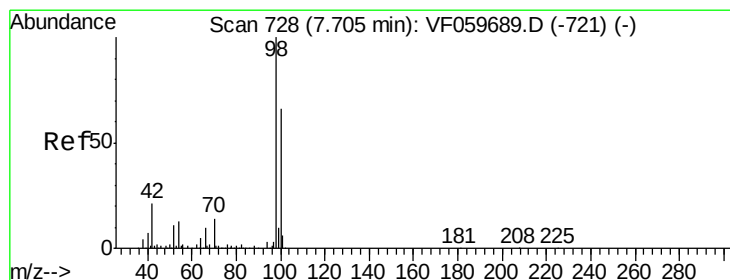
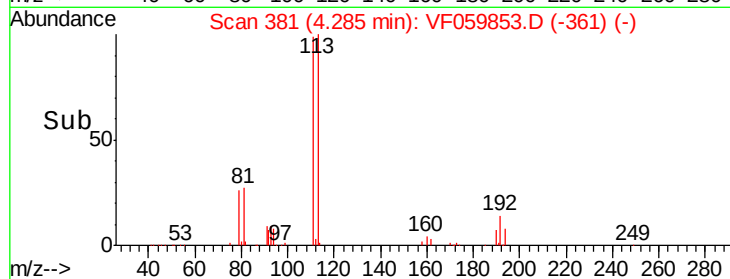
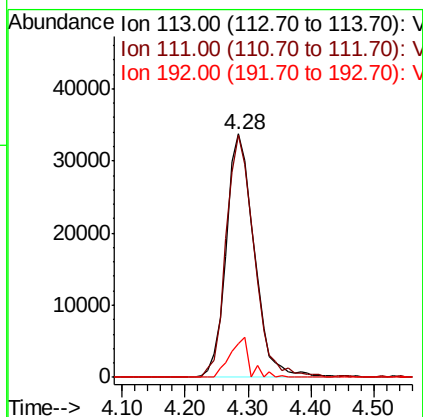
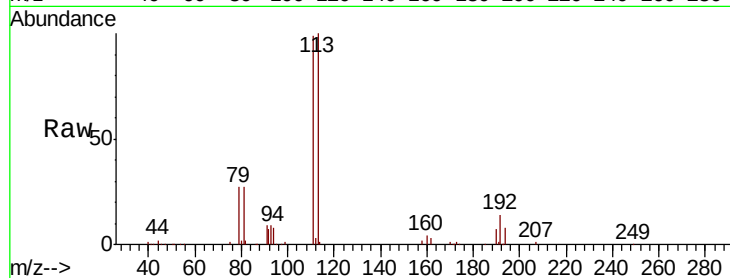




#35
 Dibromofluoromethane
 Concen: 58.12 ug/l
 RT: 4.28 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VF059853.D
 Acq: 3 Aug 2018 21:52

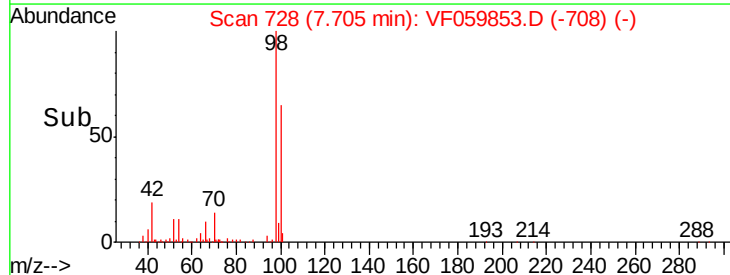
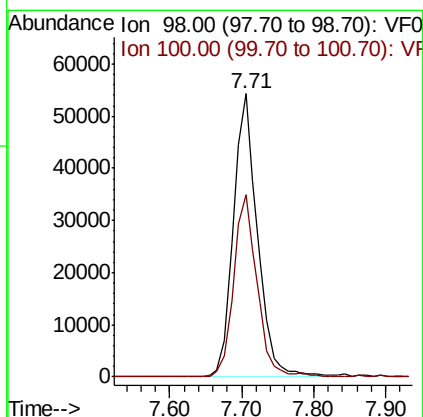
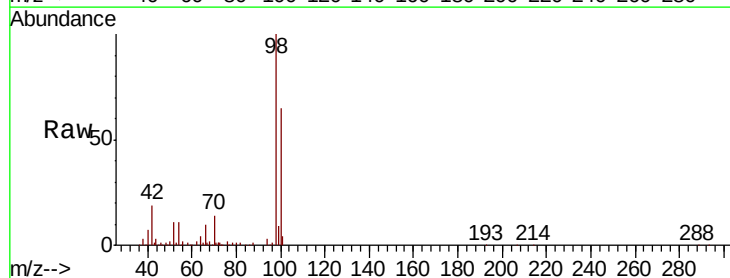
Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-4RE

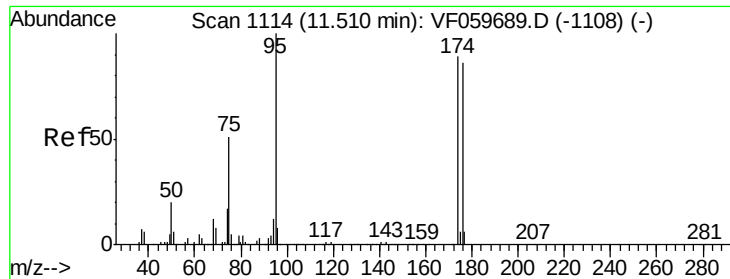
Tot Ion:113 Resp: 103650
 Ion Ratio Lower Upper
 113 100
 111 99.5 79.0 118.4
 192 14.0 13.2 19.8



#50
 Toluene-d8
 Concen: 30.50 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VF059853.D
 Acq: 3 Aug 2018 21:52

Tgt Ion: 98 Resp: 126824
 Ion Ratio Lower Upper
 98 100
 100 64.5 52.8 79.2

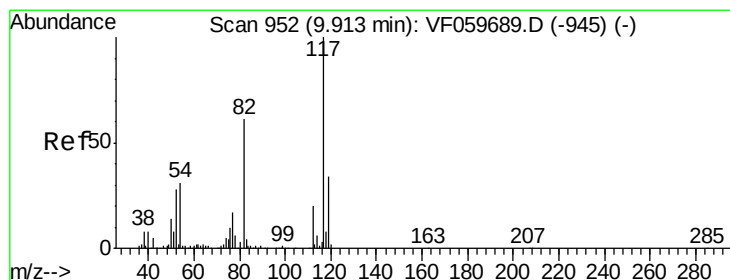
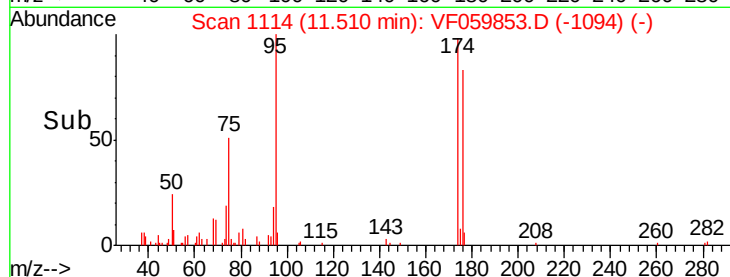
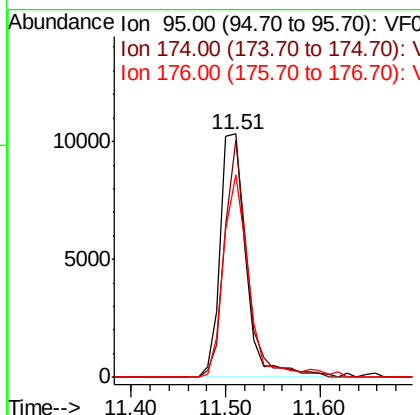
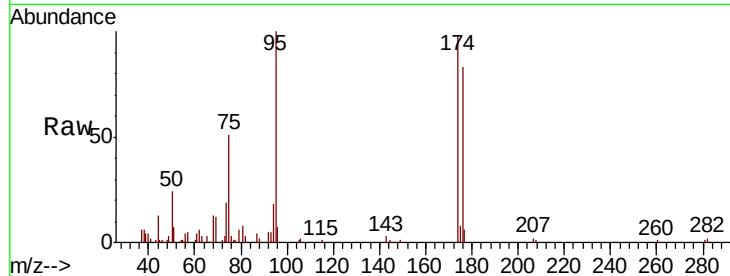




#62
4-Bromofluorobenzene
Concen: 8.56 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059853.D
Acq: 3 Aug 2018 21:52

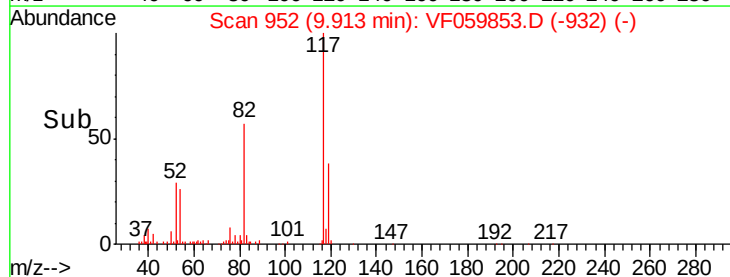
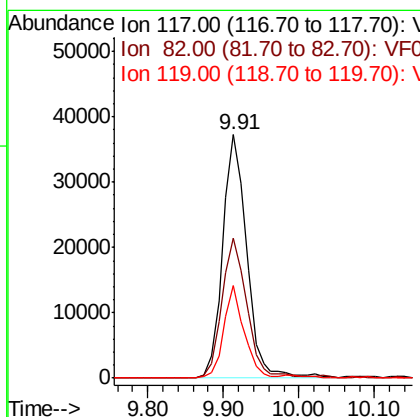
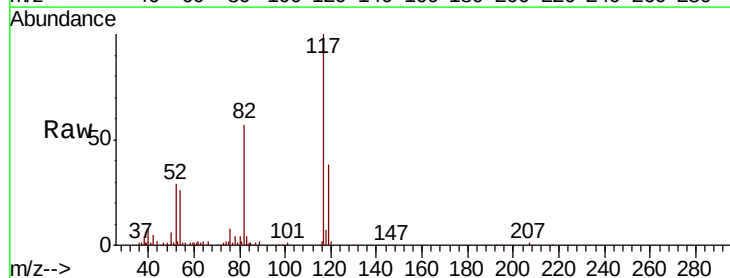
Instrument :
MSVOA_F
ClientSampled :
KG-PIT-4RE

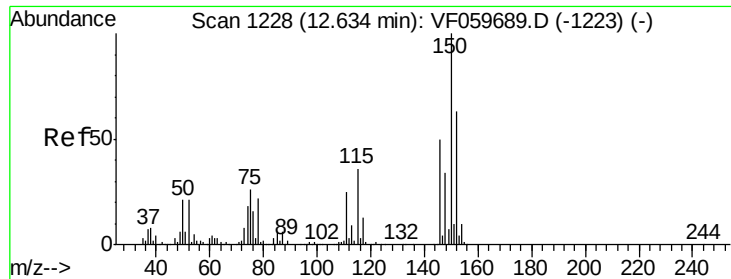
Tot Ion: 95 Resp: 19702
Ion Ratio Lower Upper
95 100
174 97.7 0.0 178.4
176 83.2 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059853.D
Acq: 3 Aug 2018 21:52

Tgt Ion: 117 Resp: 82914
Ion Ratio Lower Upper
117 100
82 57.4 49.0 73.4
119 38.2 27.3 40.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059853.D

Acq: 3 Aug 2018 21:52

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-4RE

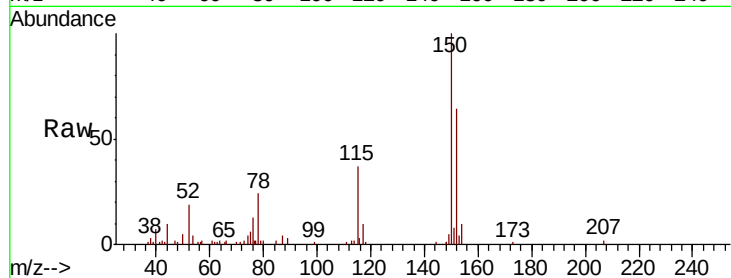
Tot Ion:152 Resp: 15155

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.6

150 156.5 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

