

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059715.D
 Acq On : 31 Jul 2018 17:58
 Operator : VA/AP
 Sample : J4140-11
 Misc : 6.23g/5mL/MSVOA F/SOIL
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(145-147)

Quant Time: Jul 31 18:20:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:19:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	61741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	84343	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	66704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	25797	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	48342	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	
35) Dibromofluoromethane	4.29	113	43860	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	7.71	98	86048	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	
62) 4-Bromofluorobenzene	11.51	95	29057	25.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.38%	

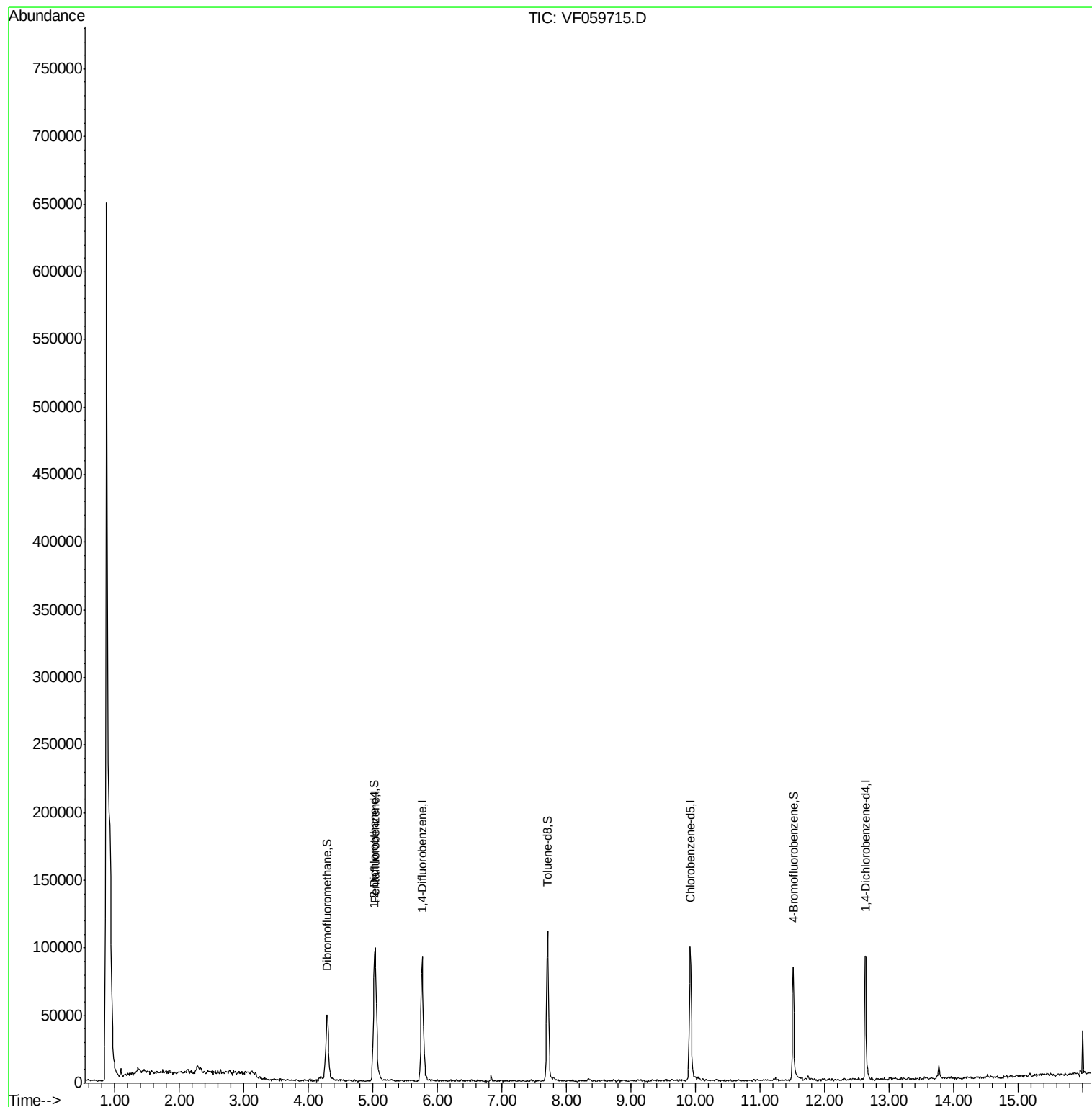
Target Compounds	Qvalue

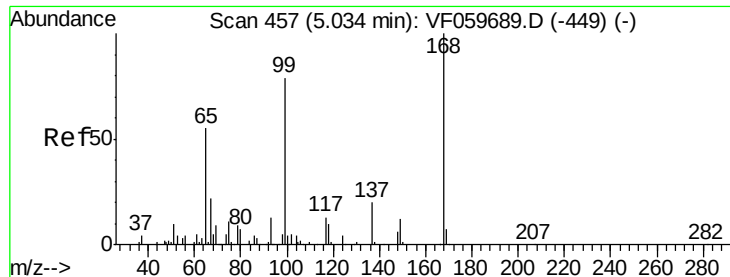
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059715.D

Acq: 31 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

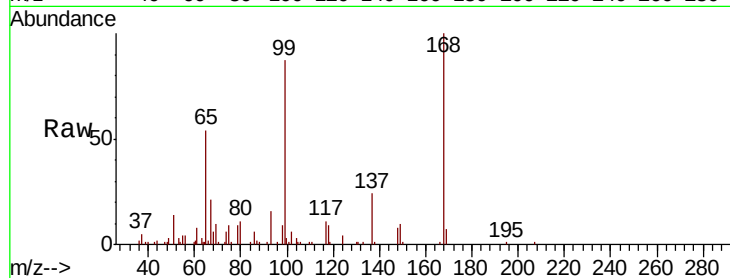
EPE-F-8(145-147)

Tot Ion:168 Resp: 61741

Ion Ratio Lower Upper

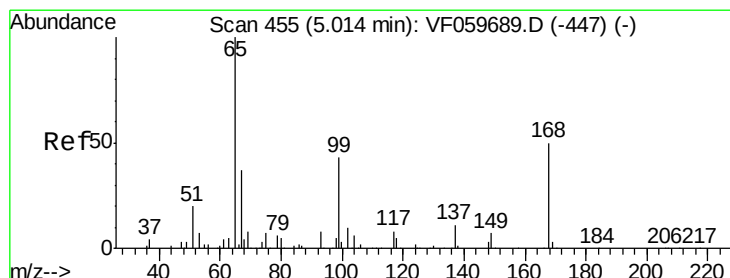
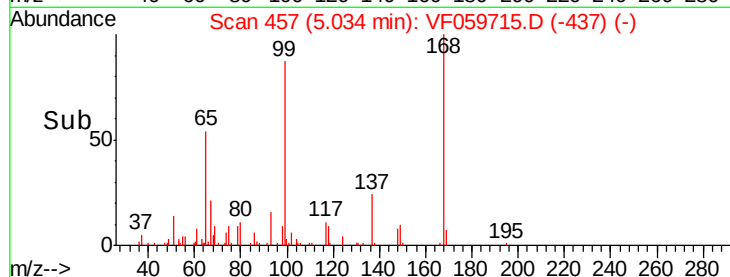
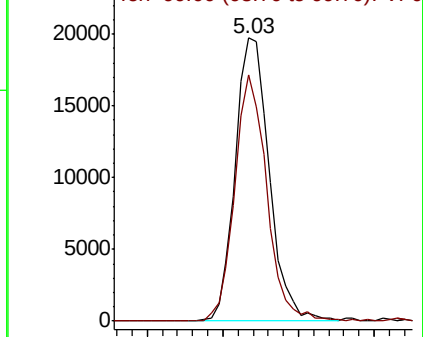
168 100

99 87.0 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 43.567 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059715.D

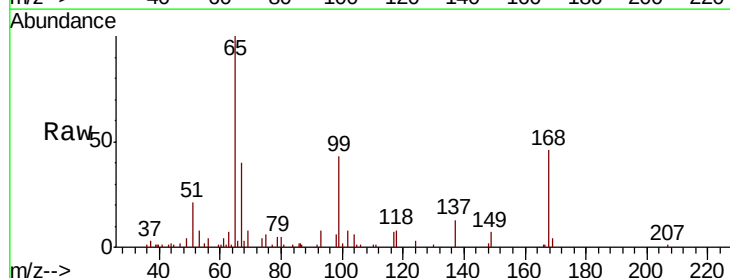
Acq: 31 Jul 2018 17:58

Tgt Ion: 65 Resp: 48342

Ion Ratio Lower Upper

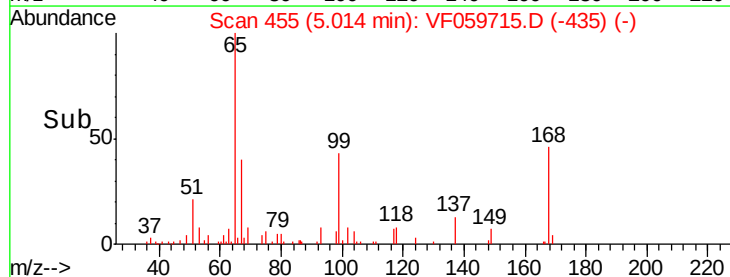
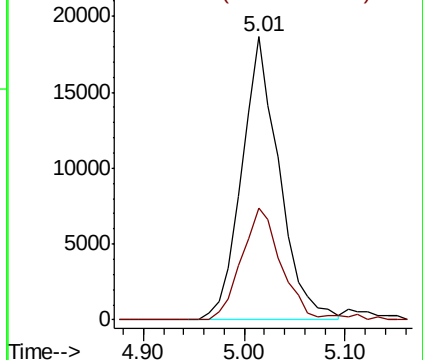
65 100

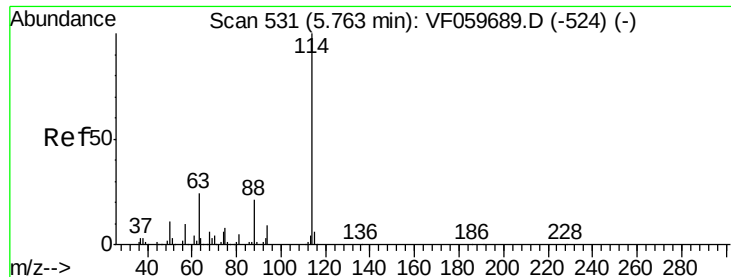
67 39.7 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059715.D

Acq: 31 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(145-147)

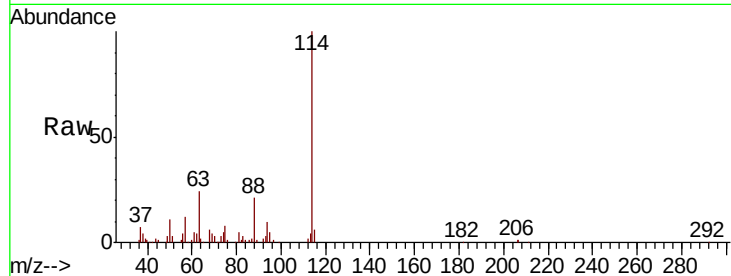
Tot Ion:114 Resp: 84343

Ion Ratio Lower Upper

114 100

63 24.1 0.0 47.4

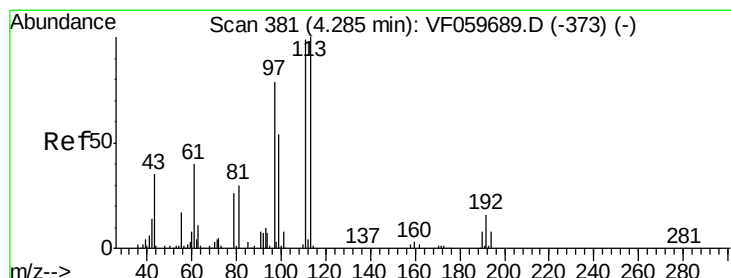
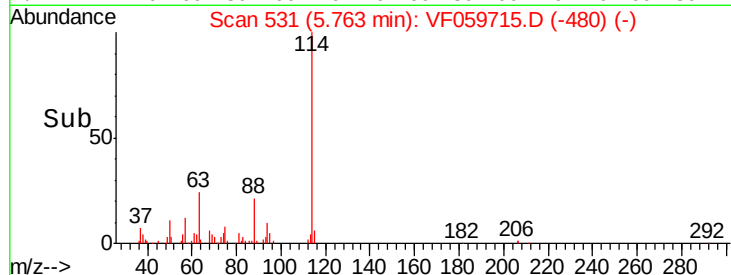
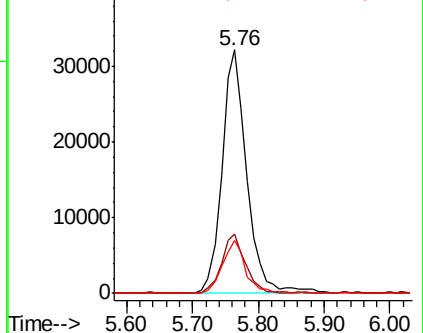
88 21.5 0.0 41.2



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: 50.067 ug/l

RT: 4.29 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF059715.D

Acq: 31 Jul 2018 17:58

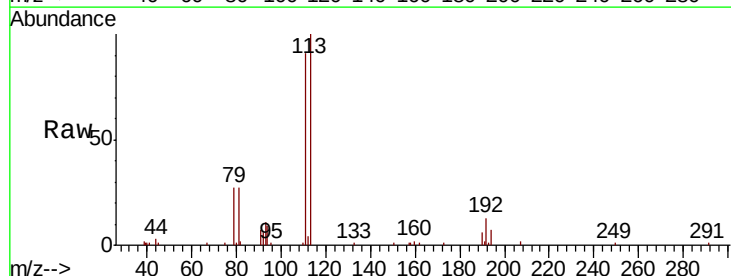
Tgt Ion:113 Resp: 43860

Ion Ratio Lower Upper

113 100

111 91.5 79.0 118.4

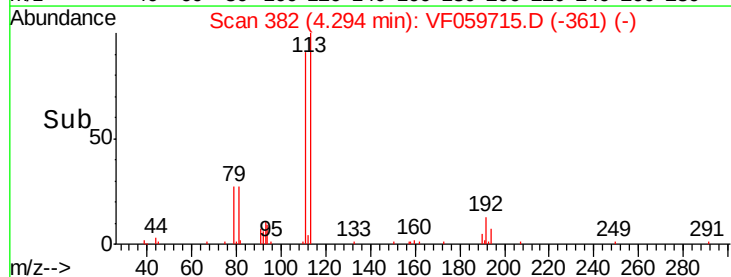
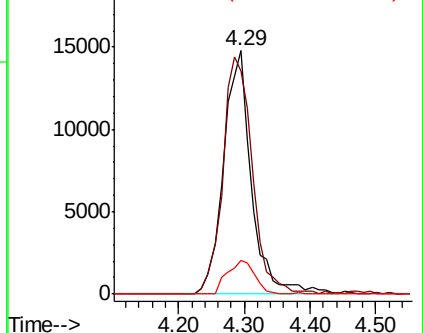
192 13.8 13.2 19.8

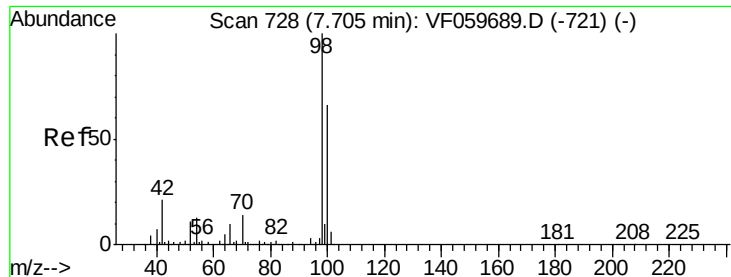


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

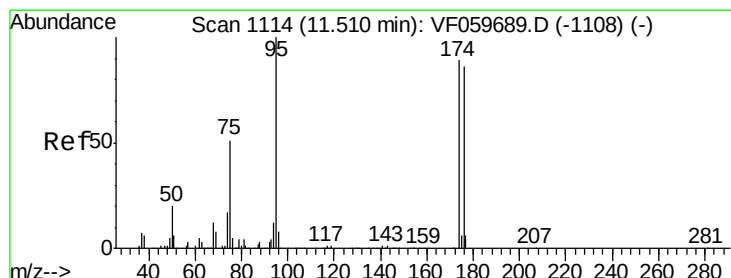
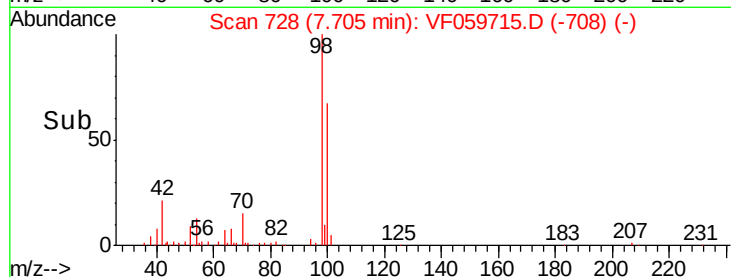
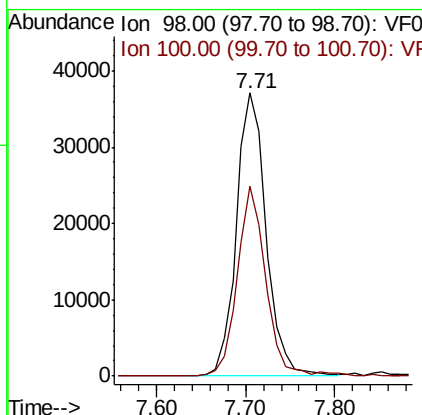
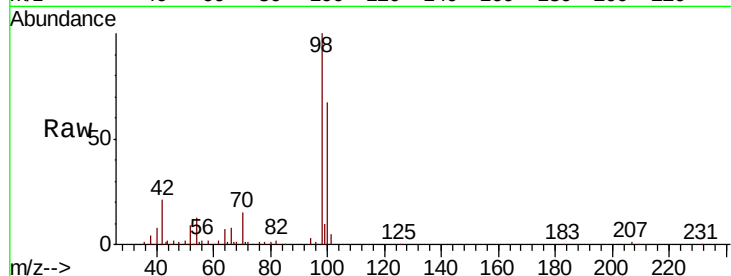




#50
Toluene-d8
Concen: 42.121 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059715.D
Acq: 31 Jul 2018 17:58

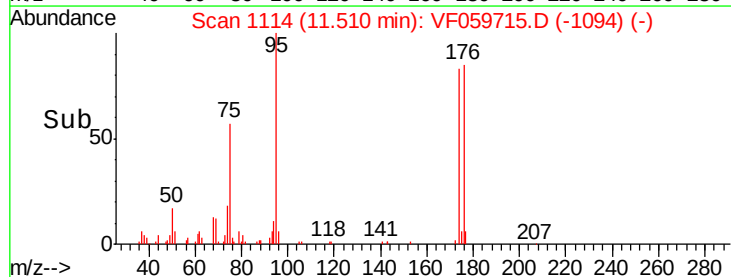
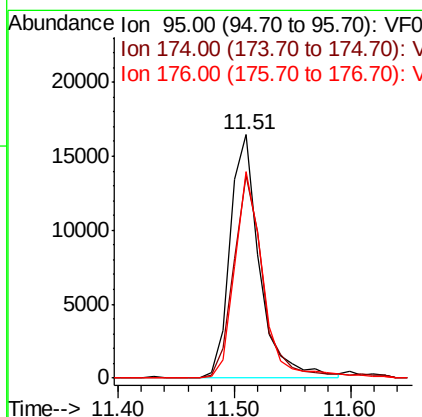
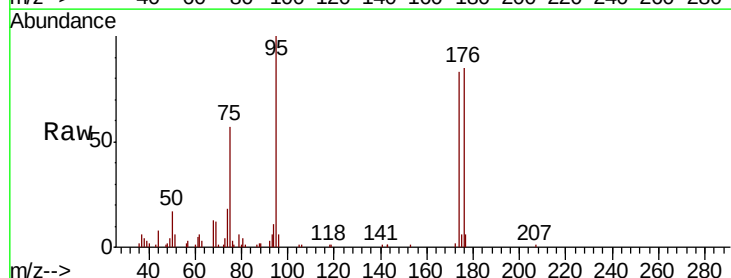
Instrument :
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EPE-F-8(145-147)

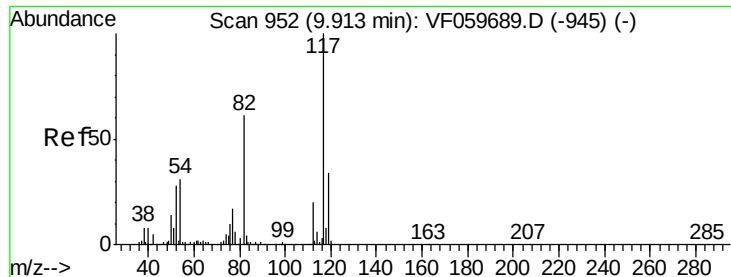
Tot Ion: 98 Resp: 86048
Ion Ratio Lower Upper
98 100
100 67.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 25.693 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059715.D
Acq: 31 Jul 2018 17:58

Tgt Ion: 95 Resp: 29057
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.4
176 84.8 0.0 173.0

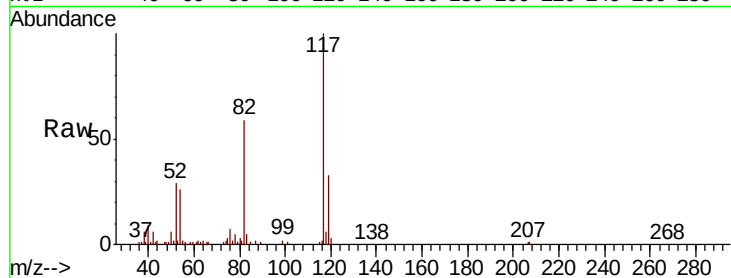




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059715.D
Acq: 31 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(145-147)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	49.0	73.4
119	33.0	27.3	40.9

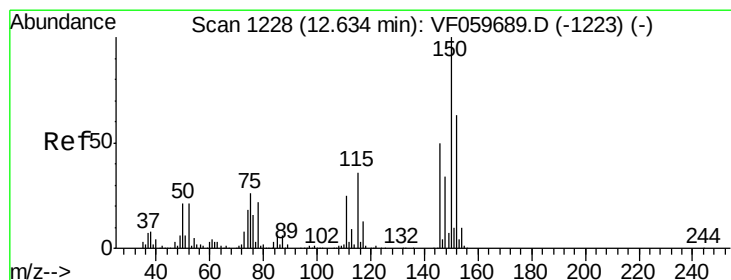
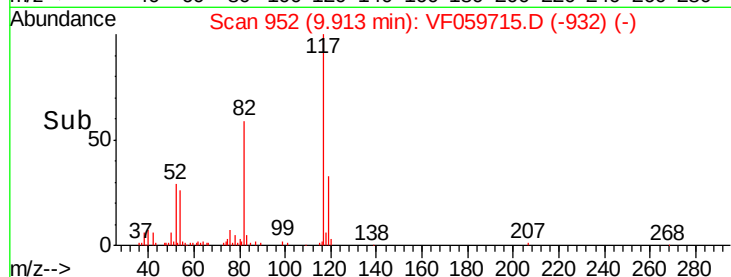
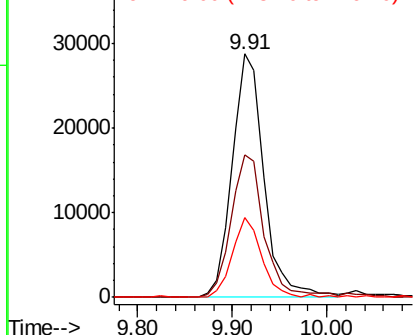


Abundance

Ion 117.00 (116.70 to 117.70): V

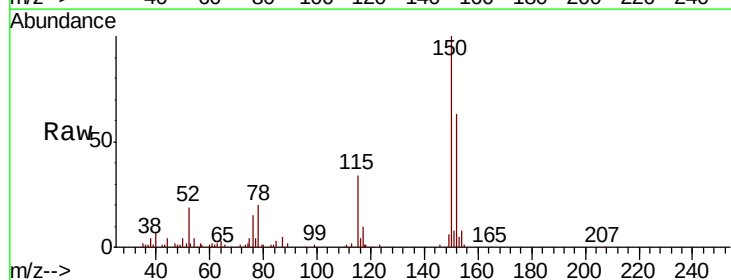
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059715.D
Acq: 31 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.2	84.6
150	159.3	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

