

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059709.D
 Acq On : 31 Jul 2018 15:11
 Operator : VA/AP
 Sample : J4140-05
 Misc : 6.47g/5mL/MSVOA F/SOIL
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(105-107)

Quant Time: Jul 31 16:53:03 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	7330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	7825	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	4924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	1647	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	2673	20.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	40.58%	
35) Dibromofluoromethane	4.28	113	2776	34.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.32%	
50) Toluene-d8	7.70	98	8185	43.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.38%	
62) 4-Bromofluorobenzene	11.51	95	2282	21.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.50%	

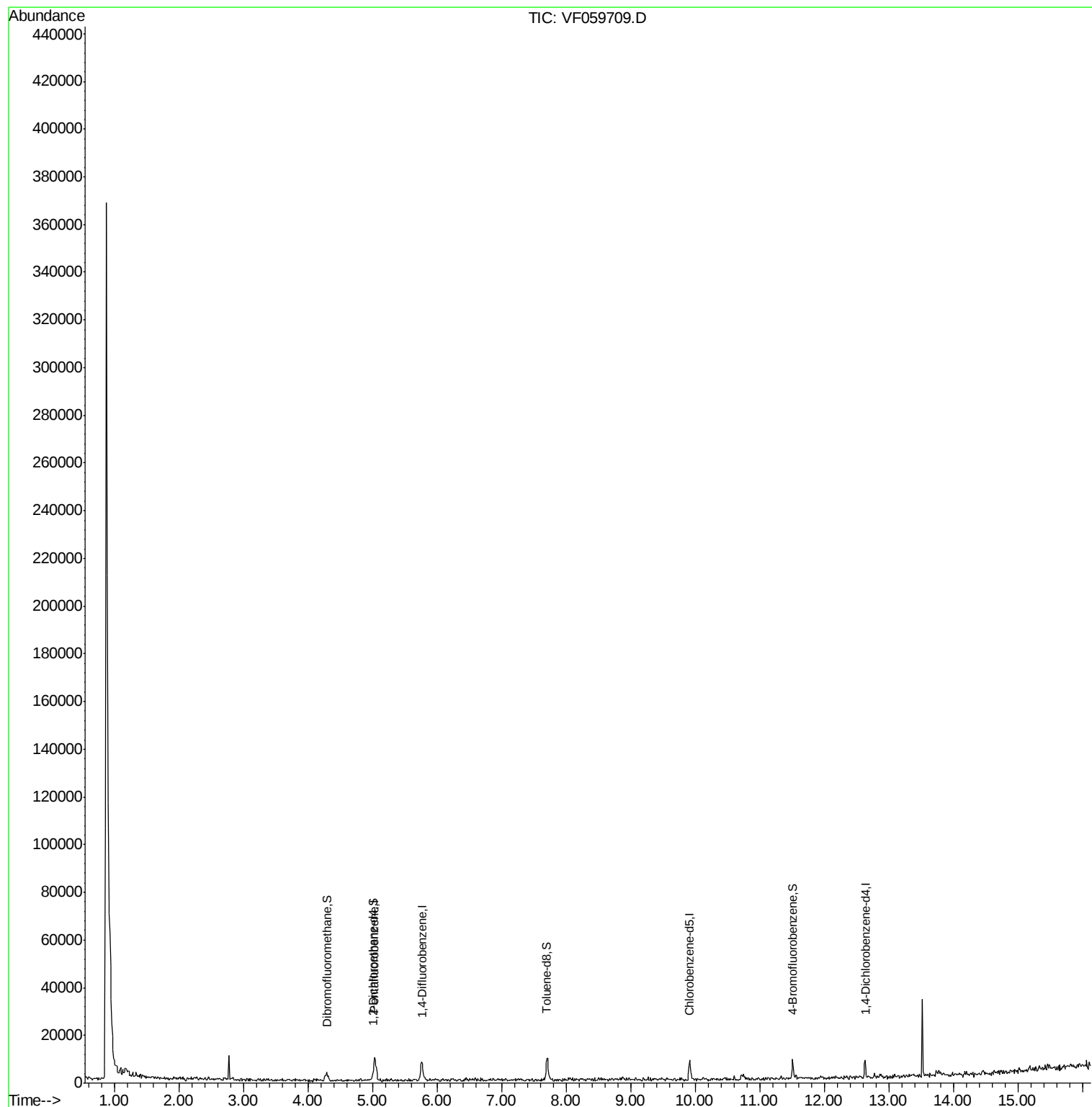
Target Compounds	Qvalue

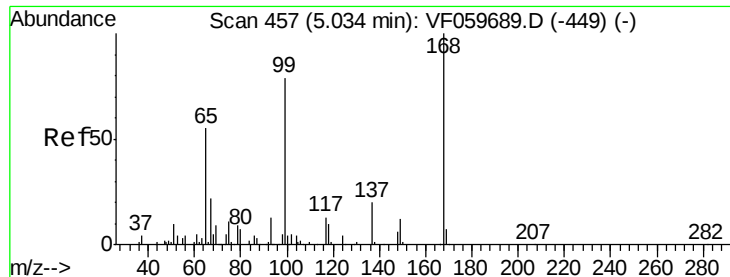
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF073118\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059709.D

Acq: 31 Jul 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

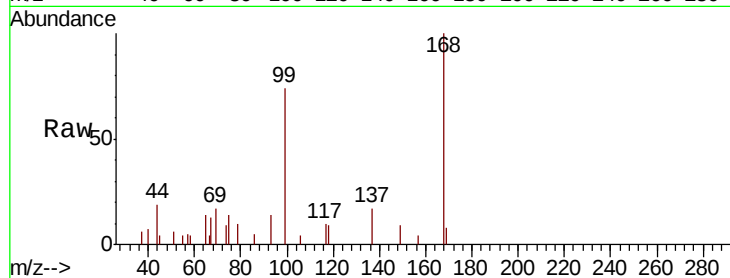
EPE-F-8(105-107)

Tot Ion:168 Resp: 7330

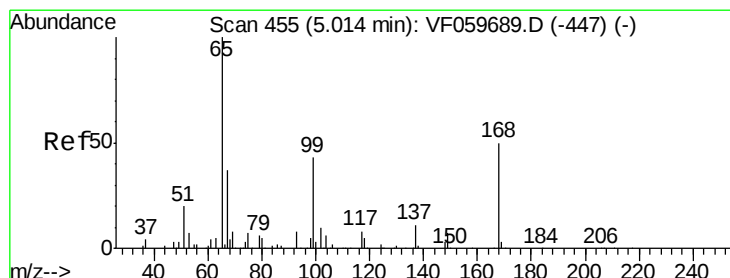
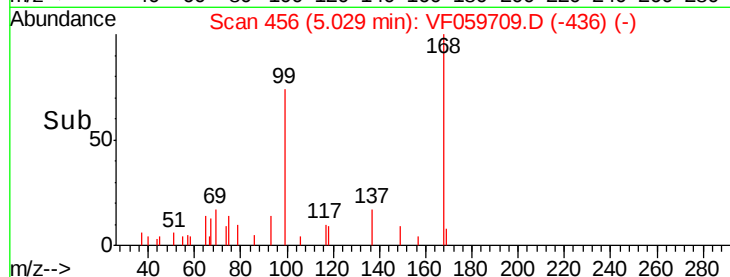
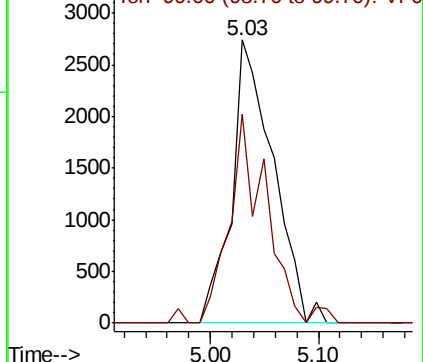
Ion Ratio Lower Upper

168 100

99 74.0 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 20.291 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059709.D

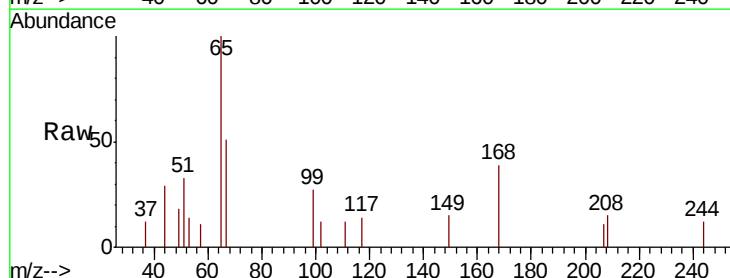
Acq: 31 Jul 2018 15:11

Tgt Ion: 65 Resp: 2673

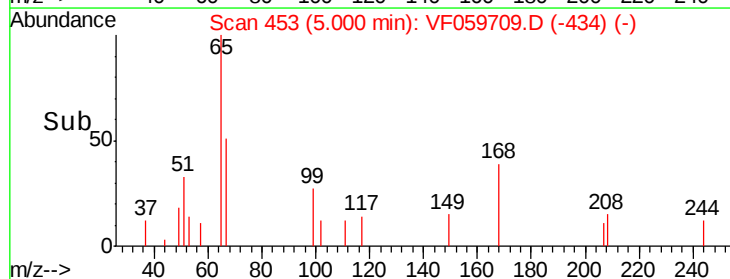
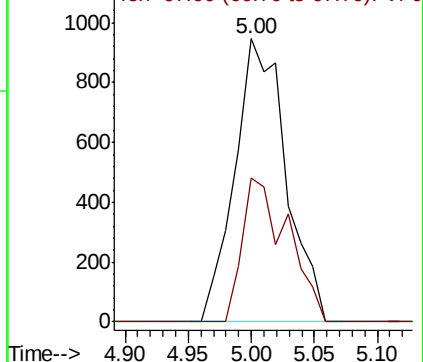
Ion Ratio Lower Upper

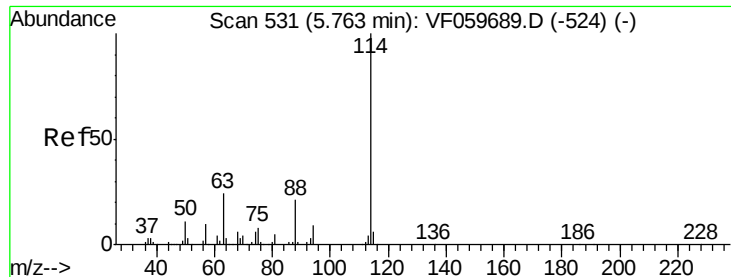
65 100

67 50.8 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059709.D

Acq: 31 Jul 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(105-107)

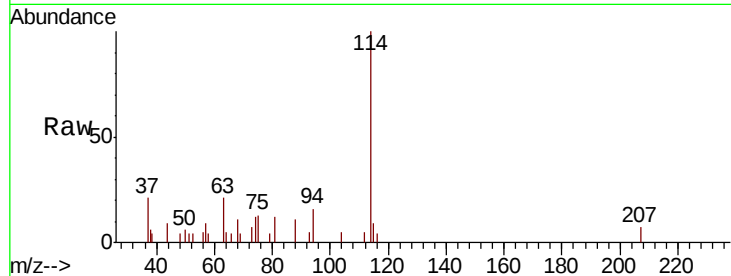
Tot Ion:114 Resp: 7825

Ion Ratio Lower Upper

114 100

63 21.1 0.0 47.4

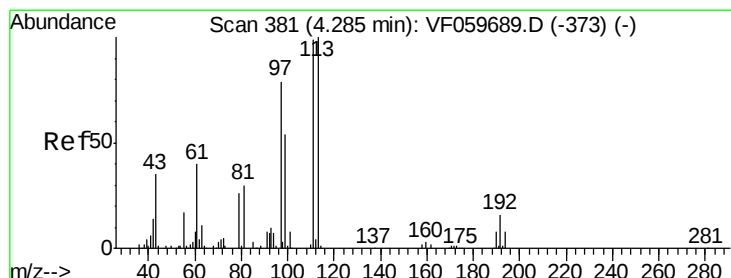
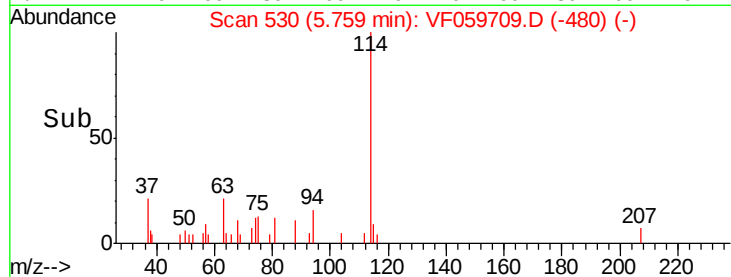
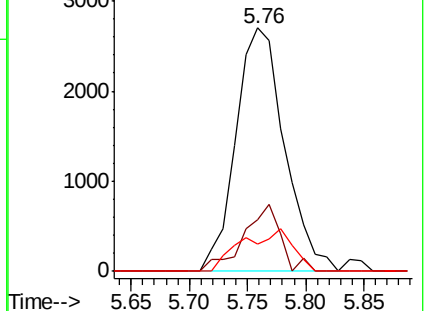
88 11.3 0.0 41.2



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: 34.156 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059709.D

Acq: 31 Jul 2018 15:11

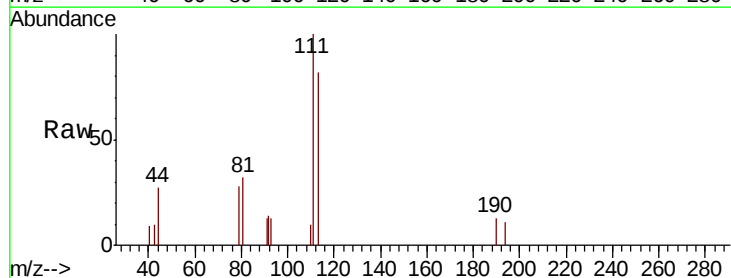
Tgt Ion:113 Resp: 2776

Ion Ratio Lower Upper

113 100

111 122.4 79.0 118.4#

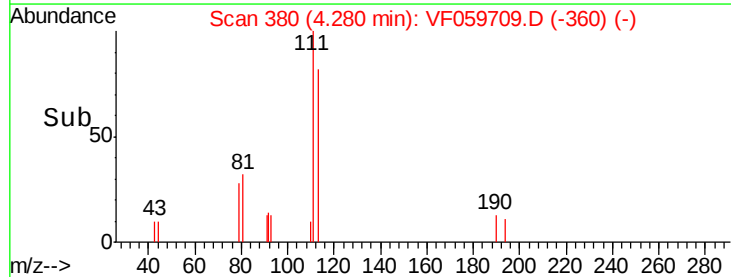
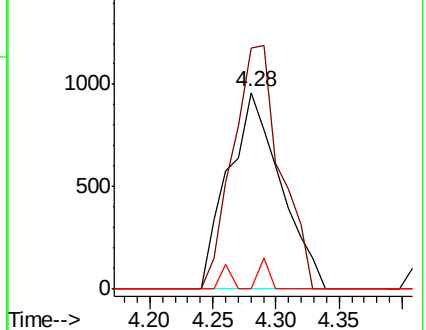
192 0.0 13.2 19.8#

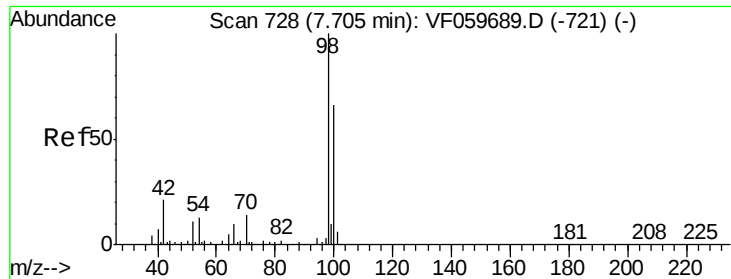


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

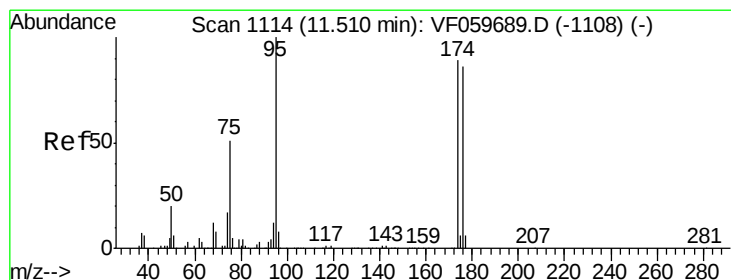
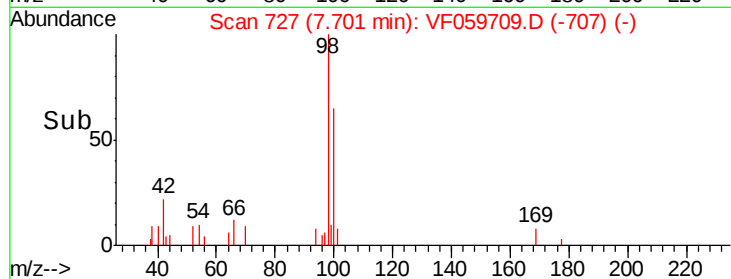
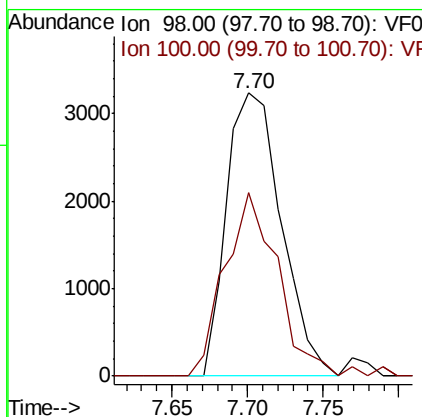
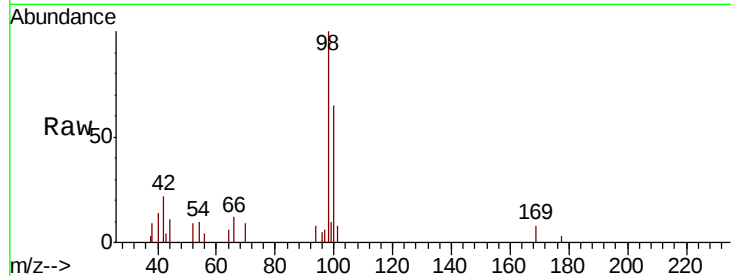




#50
Toluene-d8
Concen: 43.186 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059709.D
Acq: 31 Jul 2018 15:11

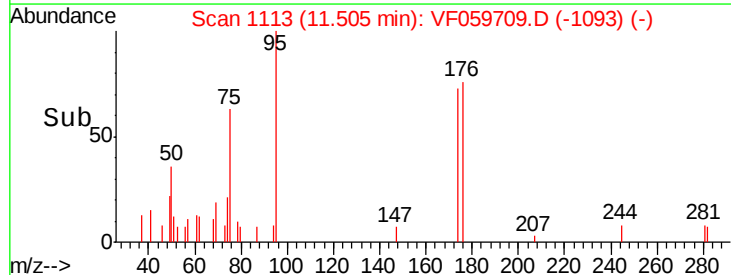
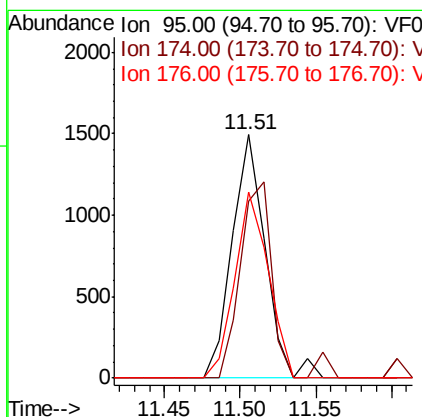
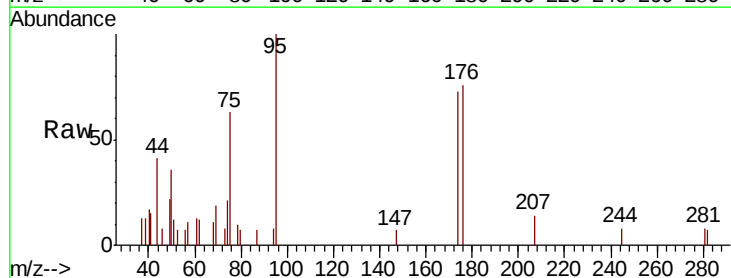
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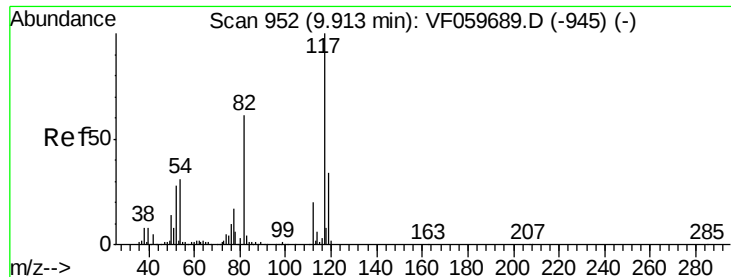
Tot Ion: 98 Resp: 8185
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 21.749 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059709.D
Acq: 31 Jul 2018 15:11

Tgt Ion: 95 Resp: 2282
Ion Ratio Lower Upper
95 100
174 72.8 0.0 178.4
176 76.3 0.0 173.0

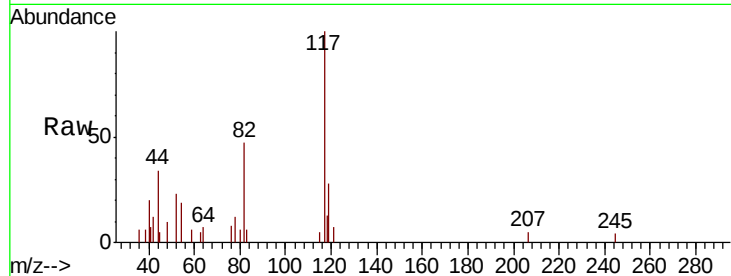




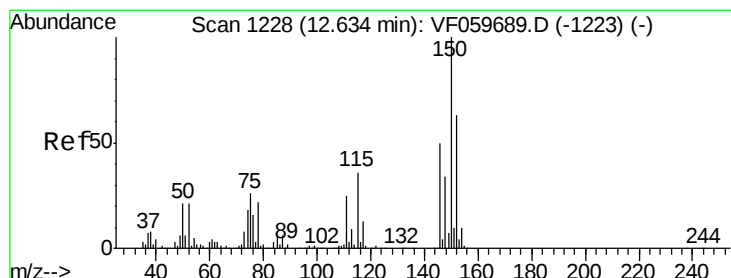
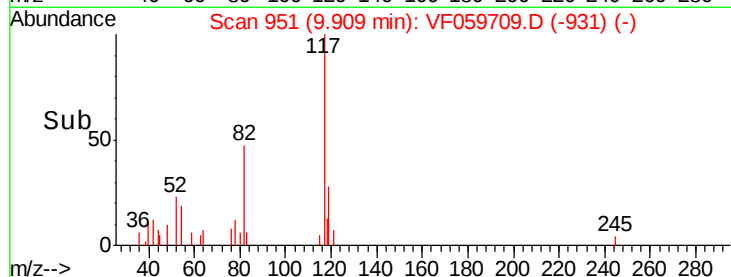
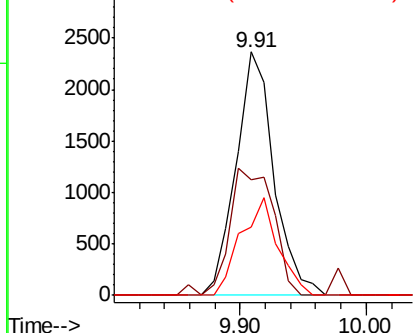
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059709.D
Acq: 31 Jul 2018 15:11

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(105-107)

Tot Ion:117 Resp: 4924
Ion Ratio Lower Upper
117 100
82 53.7 49.0 73.4
119 28.0 27.3 40.9

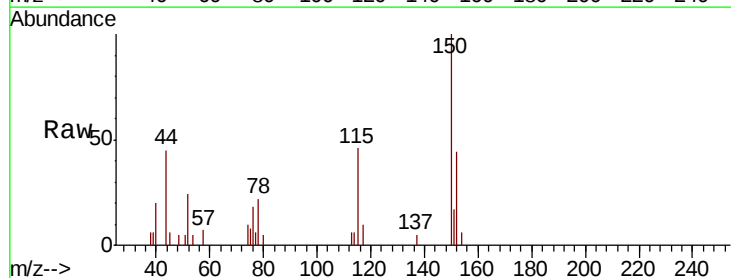


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059709.D
Acq: 31 Jul 2018 15:11

Tgt Ion:152 Resp: 1647
Ion Ratio Lower Upper
152 100
115 104.3 28.2 84.6#
150 227.6 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

