

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059740.D
 Acq On : 1 Aug 2018 7:21
 Operator : VA/AP
 Sample : J4140-04RE
 Misc : 14.50g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(95-97)RE

Quant Time: Aug 01 08:40:42 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	5.05	168	10762	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	17436	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	2978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	319	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	12194	63.05	ug/l	0.00
Spiked Amount			Recovery	=	126.10%	
35) Dibromofluoromethane	4.29	113	13406	74.03	ug/l	0.00
Spiked Amount			Recovery	=	148.06%	
50) Toluene-d8	7.71	98	9663	22.88	ug/l	0.00
Spiked Amount			Recovery	=	45.76%	
62) 4-Bromofluorobenzene	11.53	95	573	2.45	ug/l	0.02
Spiked Amount			Recovery	=	4.90%	

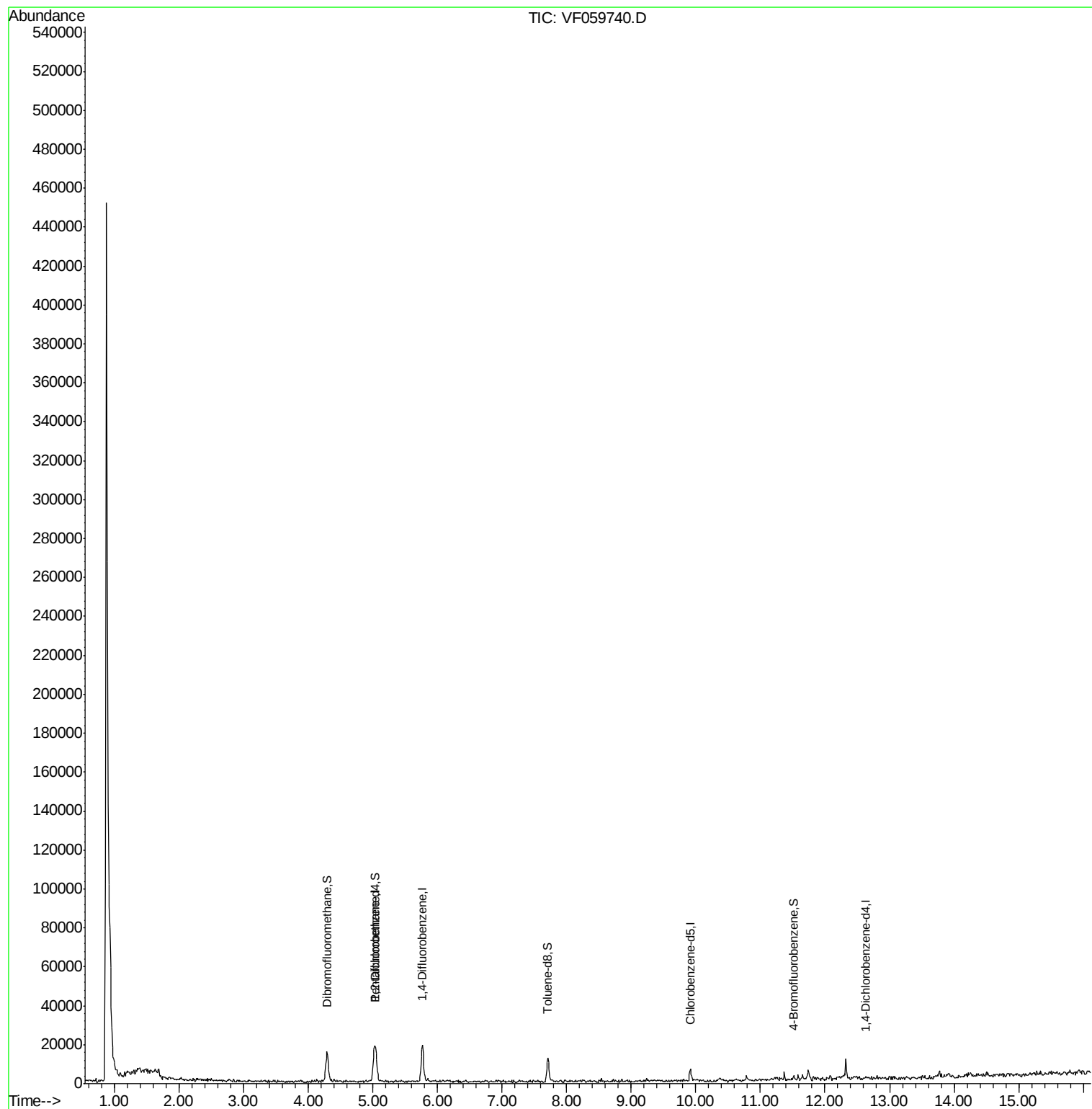
Target Compounds	Qvalue
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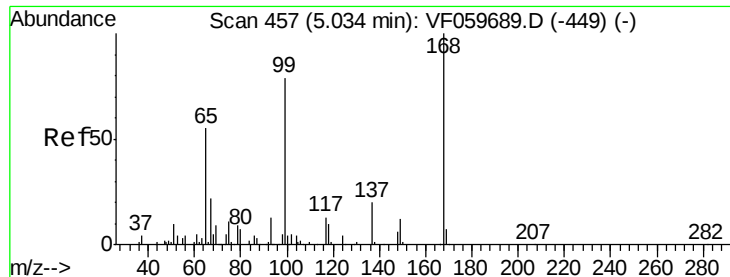
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF059740.D

Acq: 1 Aug 2018 7:21

Instrument :

MSVOA_F

ClientSampleId :

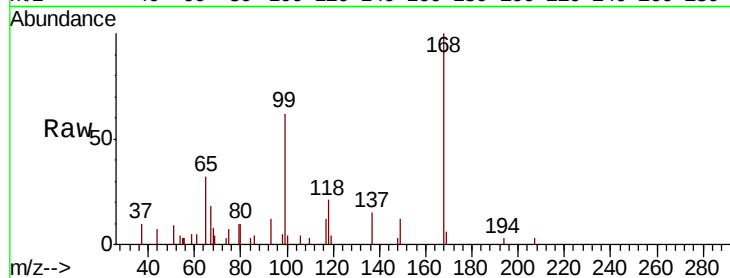
EPE-F-8(95-97)RE

Tot Ion:168 Resp: 10762

Ion Ratio Lower Upper

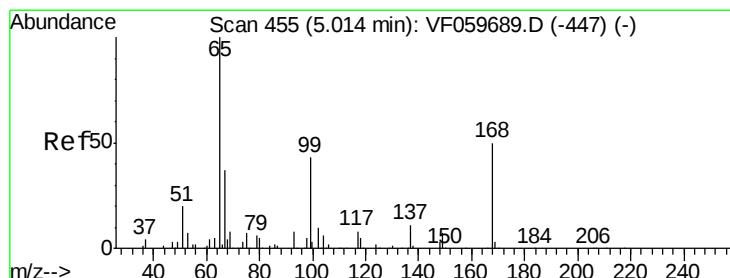
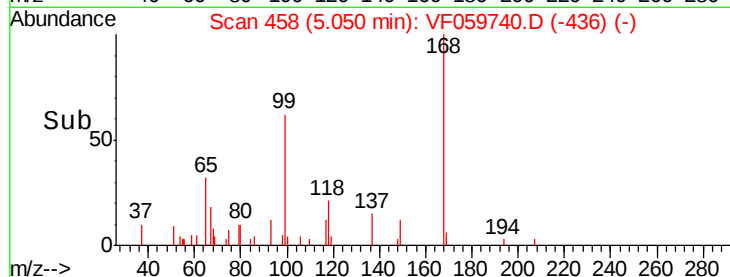
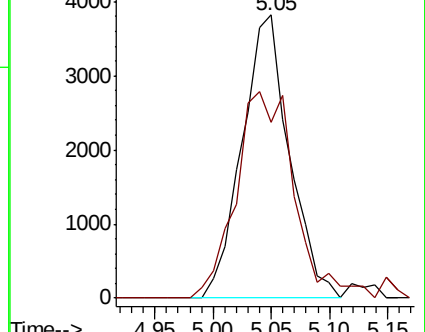
168 100

99 62.0 63.3 94.9#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 63.046 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059740.D

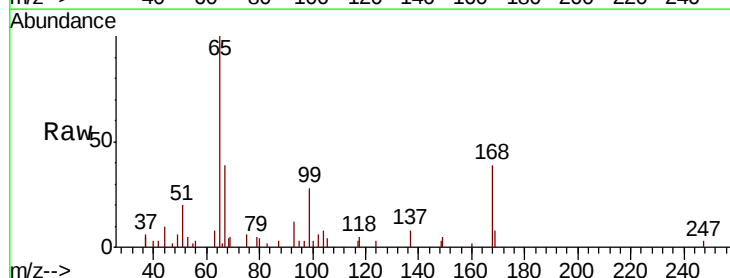
Acq: 1 Aug 2018 7:21

Tgt Ion: 65 Resp: 12194

Ion Ratio Lower Upper

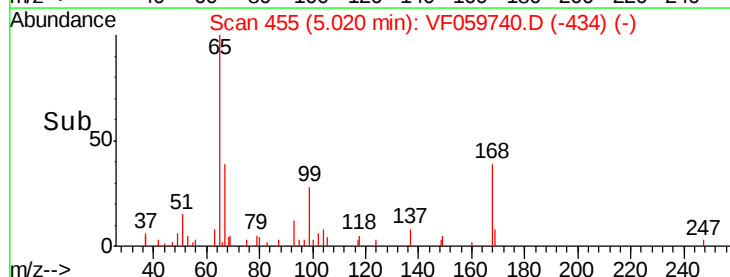
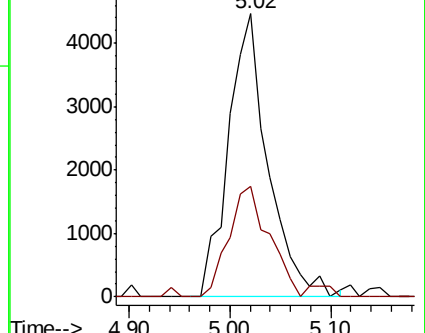
65 100

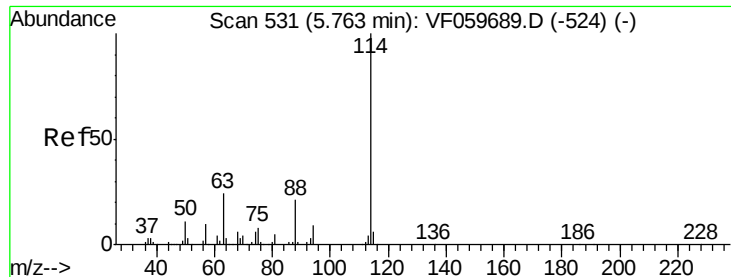
67 39.0 0.0 84.6



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: 5.77 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059740.D

Acq: 1 Aug 2018 7:21

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(95-97)RE

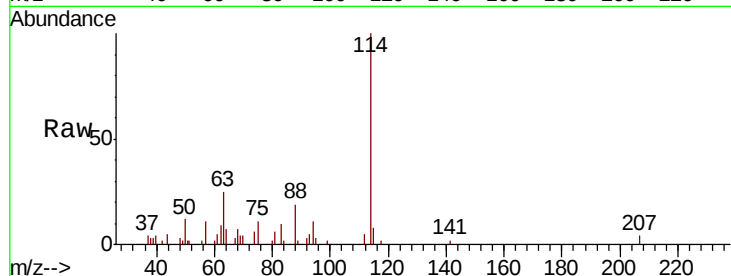
Tot Ion:114 Resp: 17436

Ion Ratio Lower Upper

114 100

63 25.2 0.0 47.4

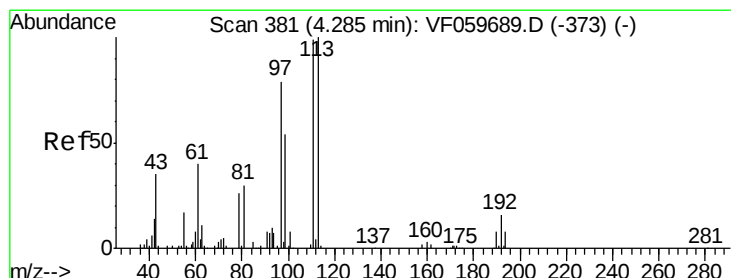
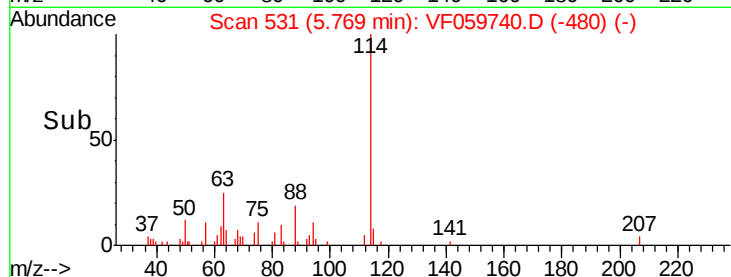
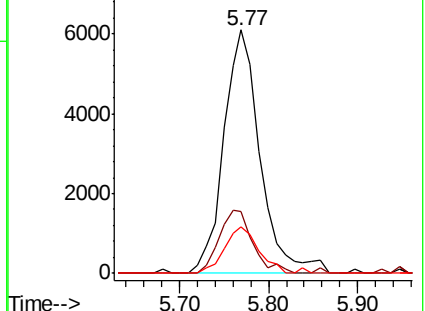
88 18.9 0.0 41.2



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



#35

Dibromofluoromethane

Concen: 74.026 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059740.D

Acq: 1 Aug 2018 7:21

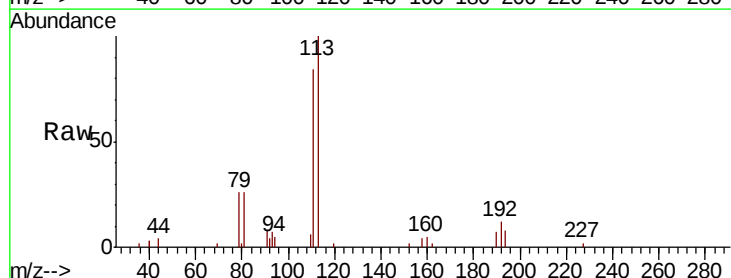
Tgt Ion:113 Resp: 13406

Ion Ratio Lower Upper

113 100

111 84.5 79.0 118.4

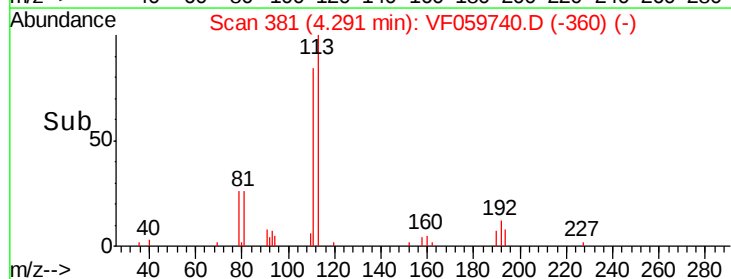
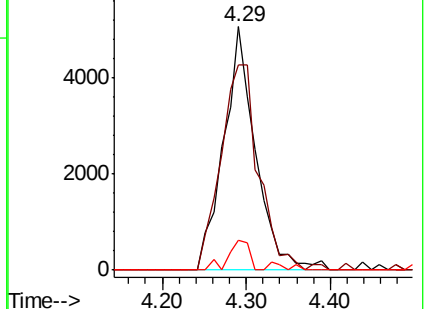
192 12.2 13.2 19.8#

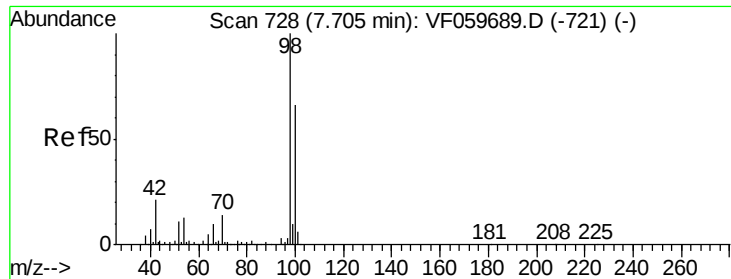


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

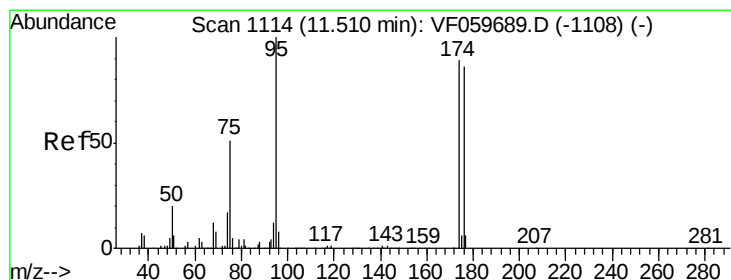
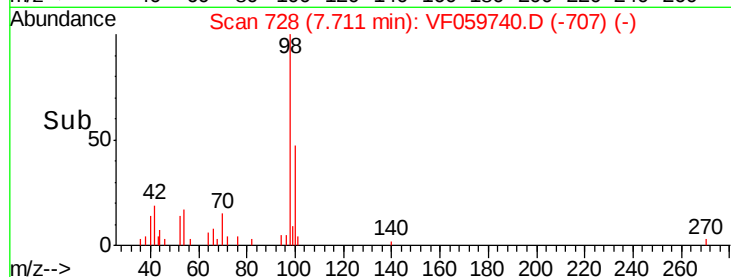
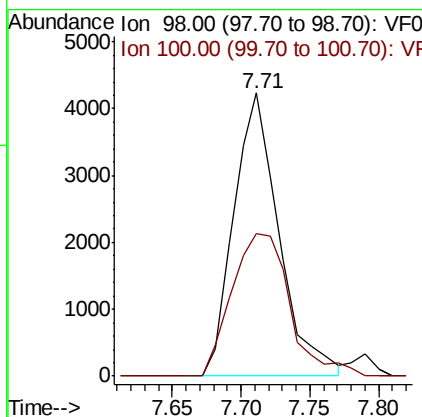
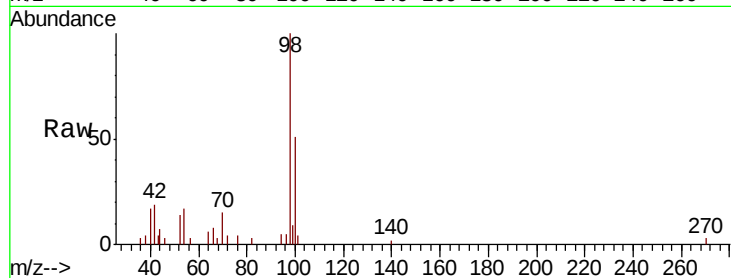




#50
Toluene-d8
Concen: 22.881 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059740.D
Acq: 1 Aug 2018 7:21

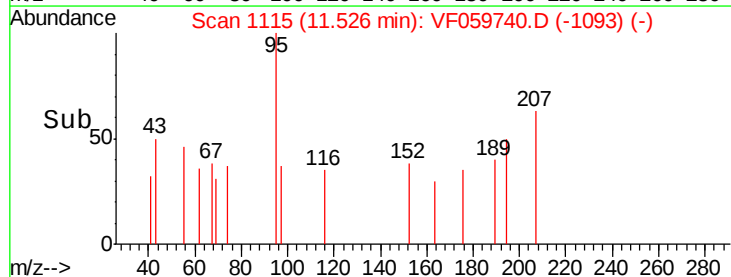
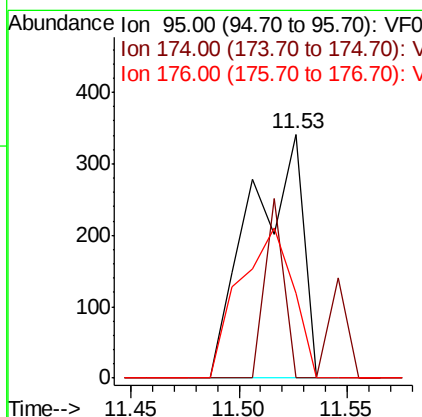
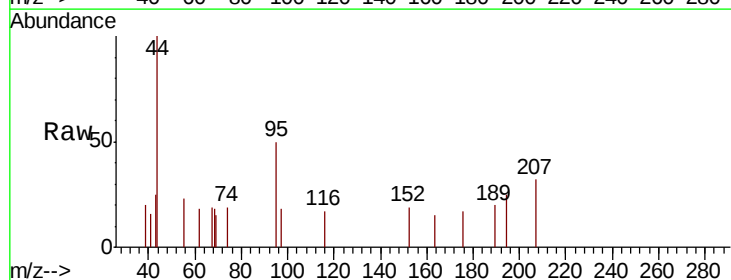
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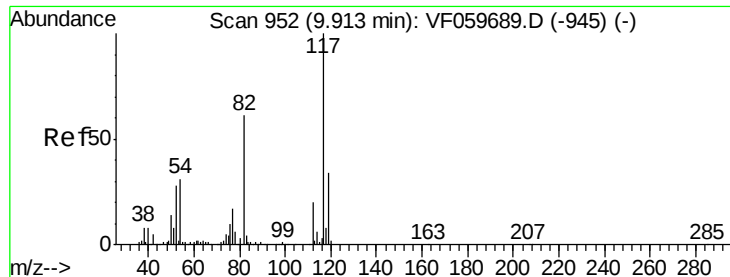
Tot Ion: 98 Resp: 9663
Ion Ratio Lower Upper
98 100
100 50.5 52.8 79.2#



#62
4-Bromofluorobenzene
Concen: 2.451 ug/l
RT: 11.53 min Scan# 1115
Delta R.T. 0.02 min
Lab File: VF059740.D
Acq: 1 Aug 2018 7:21

Tgt Ion: 95 Resp: 573
Ion Ratio Lower Upper
95 100
174 0.0 0.0 178.4
176 34.9 0.0 173.0

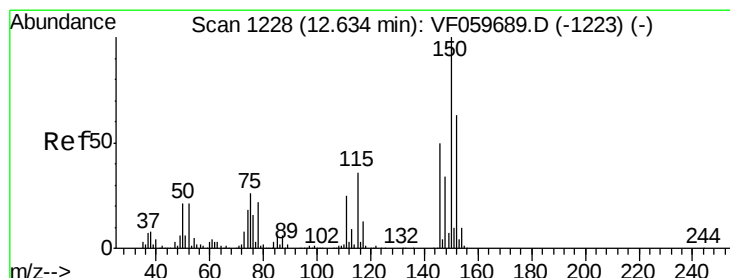
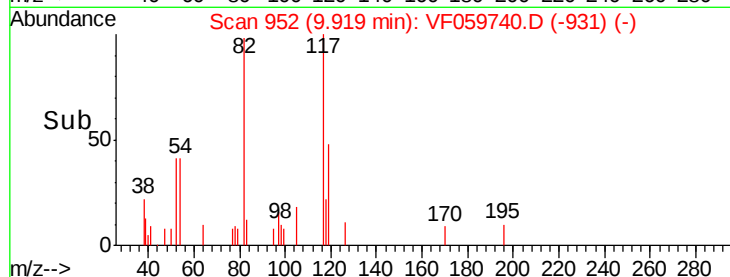
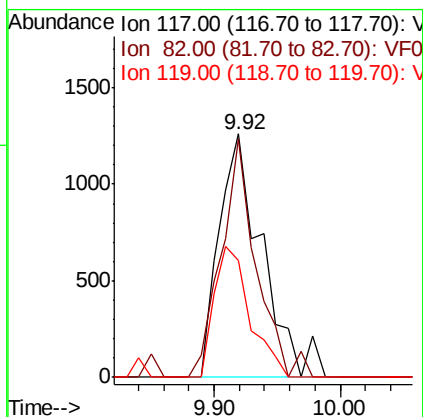
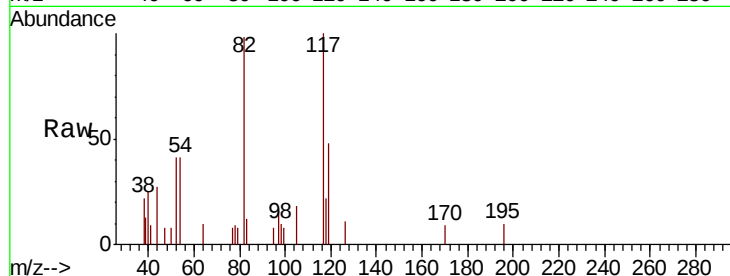




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059740.D
Acq: 1 Aug 2018 7:21

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(95-97)RE

Tot Ion:117 Resp: 2978
Ion Ratio Lower Upper
117 100
82 98.2 49.0 73.4#
119 48.1 27.3 40.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059740.D
Acq: 1 Aug 2018 7:21

Tgt Ion:152 Resp: 319
Ion Ratio Lower Upper
152 100
115 53.5 28.2 84.6
150 98.7 0.0 316.2

