

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062118\
 Data File : VF059274.D
 Acq On : 21 Jun 2018 21:51
 Operator : VA/AP
 Sample : J3570-01RE
 Misc : 5.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 20180371-COMPOSITE-CS-1ARE

Quant Time: Jun 22 07:38:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	23555	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	27827	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	16516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	5811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	5981	17.69	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	35.38%	
35) Dibromofluoromethane	4.29	113	8258	35.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.54%	
50) Toluene-d8	7.70	98	26661	44.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.54%	
62) 4-Bromofluorobenzene	11.51	95	9087	27.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.04%	

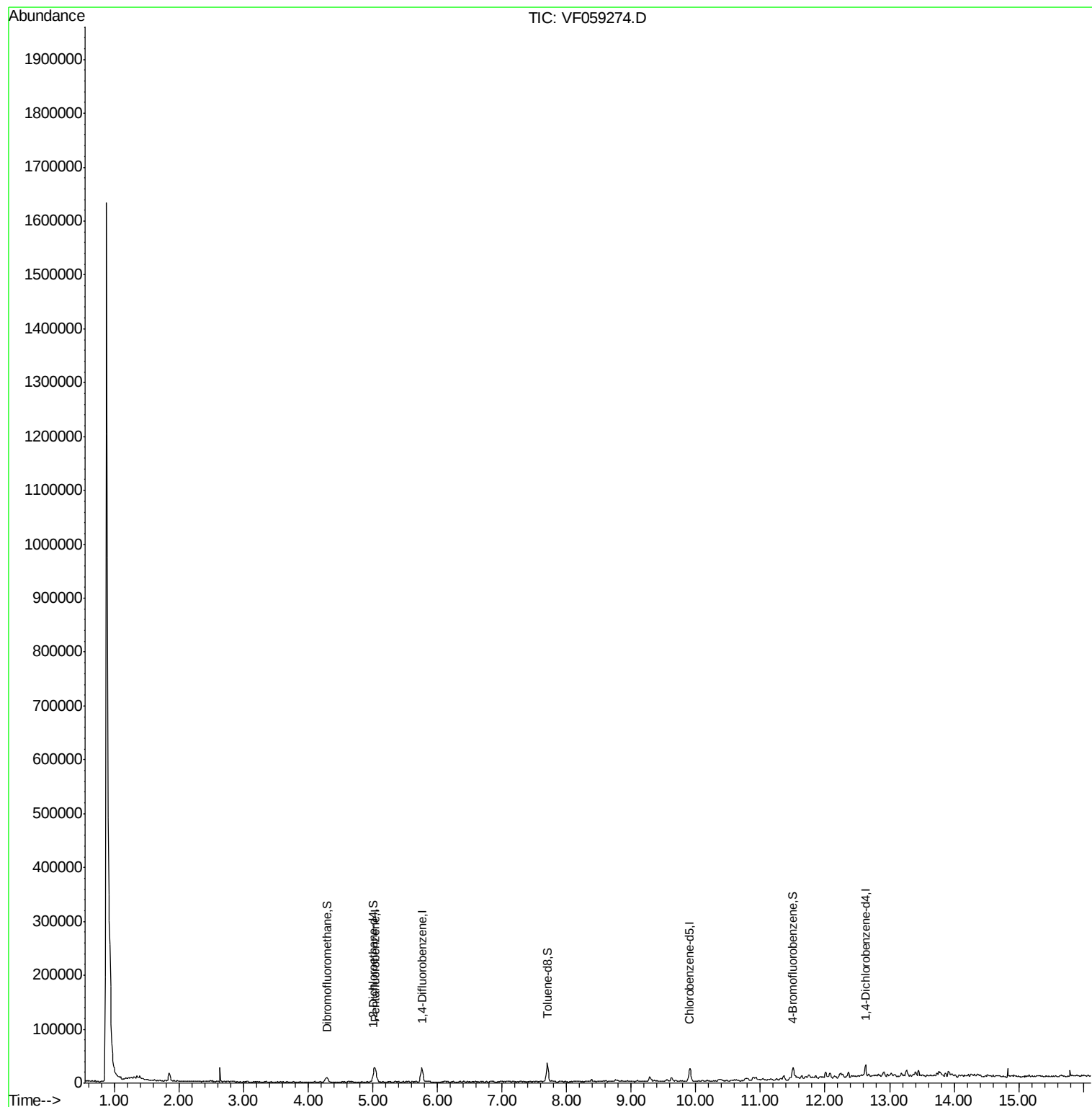
Target Compounds Qvalue

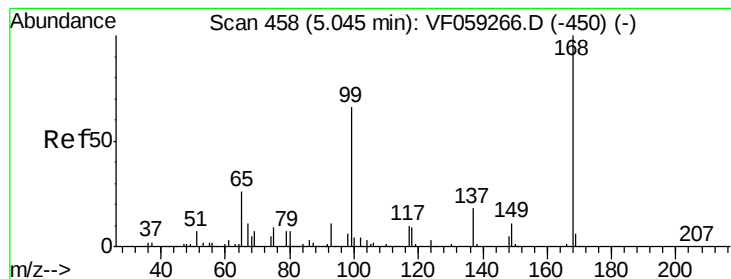
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

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Instrument :

MSVOA_F

ClientSampleId :

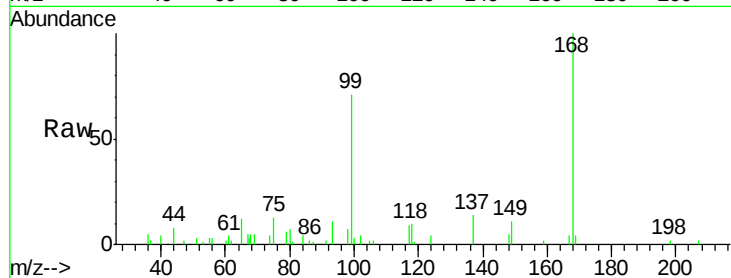
20180371-COMPOSITE-CS-1ARE

Tot Ion:168 Resp: 23555

Ion Ratio Lower Upper

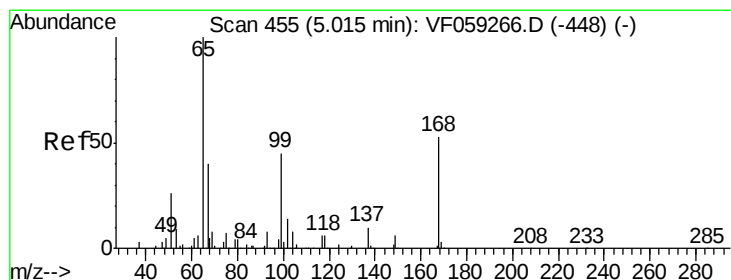
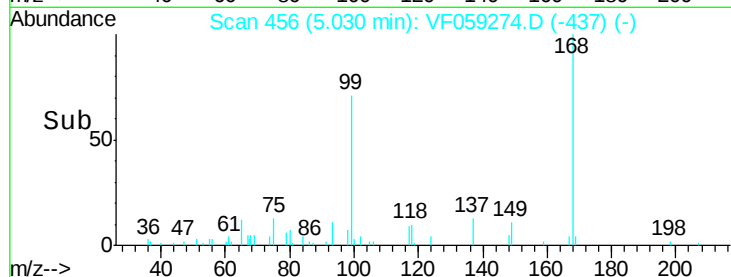
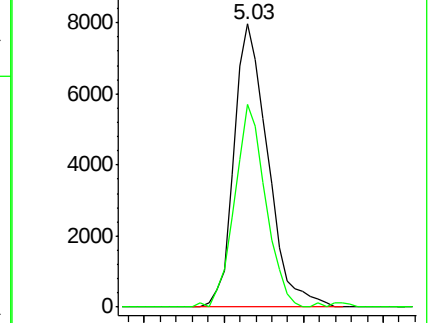
168 100

99 71.5 52.6 78.8



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: 17.69 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059274.D

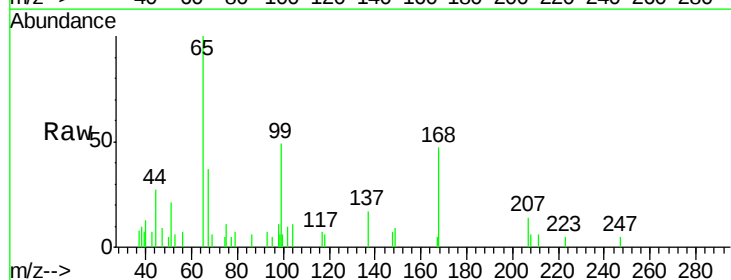
Acq: 21 Jun 2018 21:51

Tgt Ion: 65 Resp: 5981

Ion Ratio Lower Upper

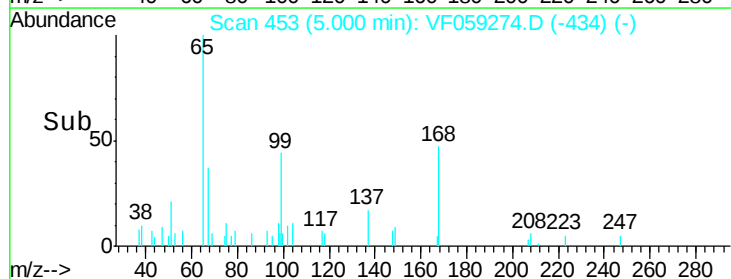
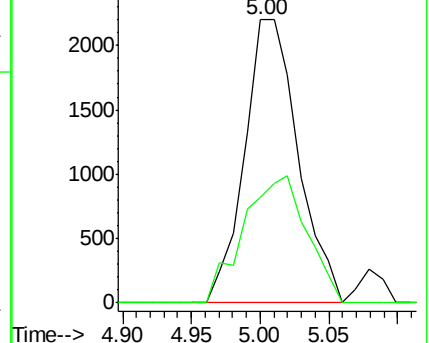
65 100

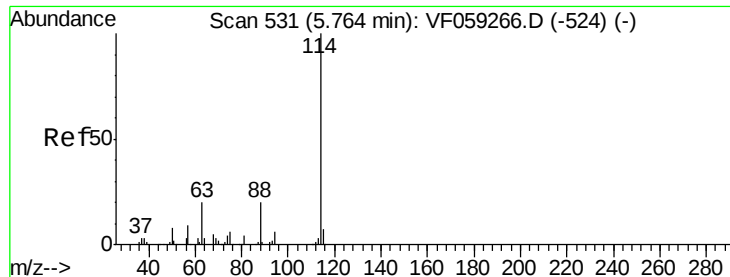
67 37.1 0.0 95.8



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# 530

Delta R.T. -0.01 min

Lab File: VF059274.D

Acq: 21 Jun 2018 21:51

Instrument :

MSVOA_F

ClientSampleId :

20180371-COMPOSITE-CS-1ARE

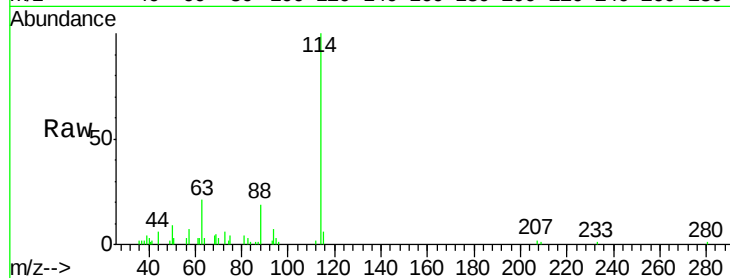
Tot Ion:114 Resp: 27827

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.0

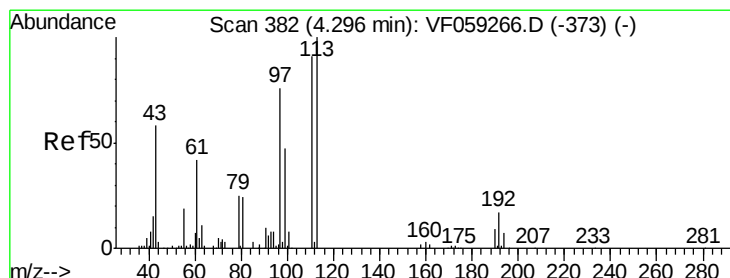
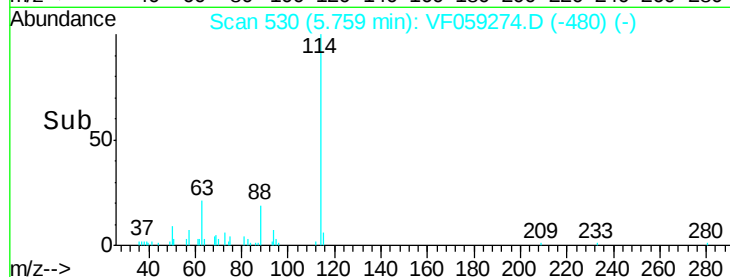
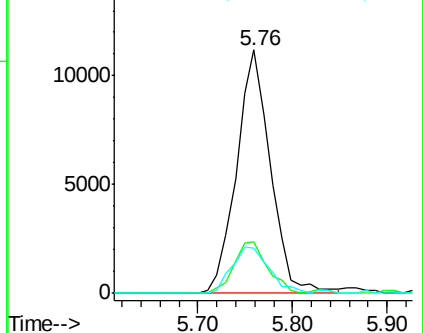
88 18.6 0.0 39.6



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: 35.27 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059274.D

Acq: 21 Jun 2018 21:51

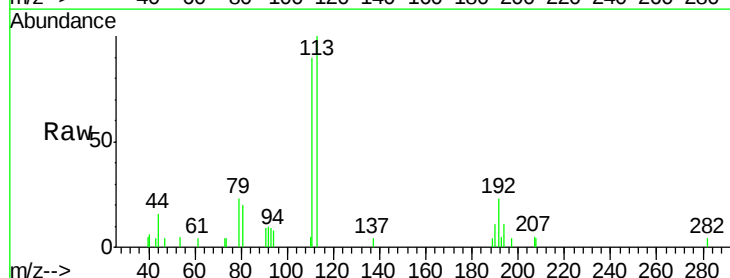
Tgt Ion:113 Resp: 8258

Ion Ratio Lower Upper

113 100

111 90.1 73.1 109.7

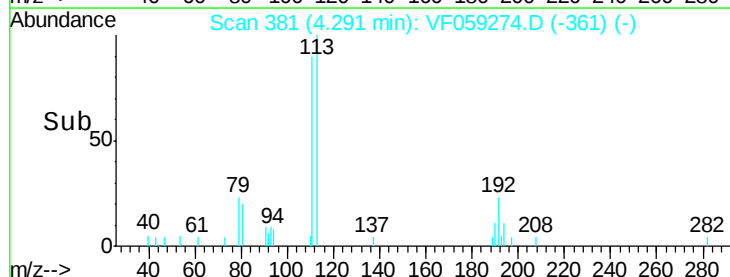
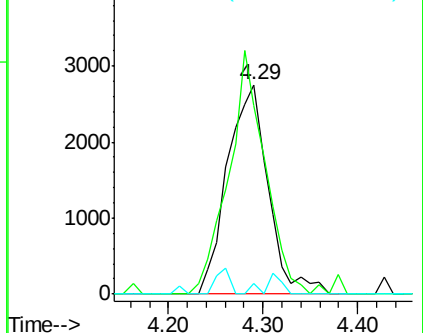
192 5.2 13.9 20.9#

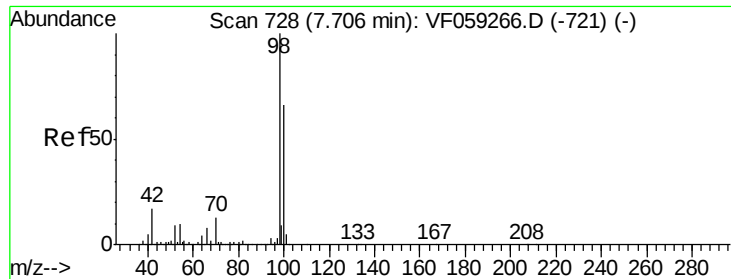


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

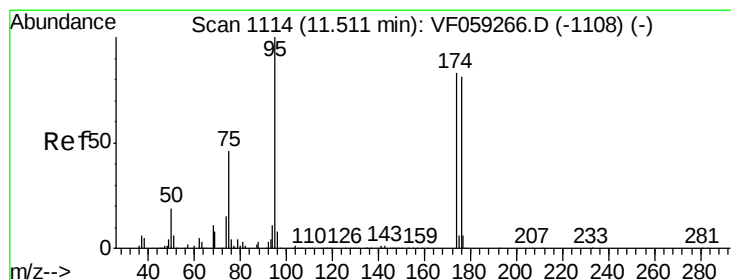
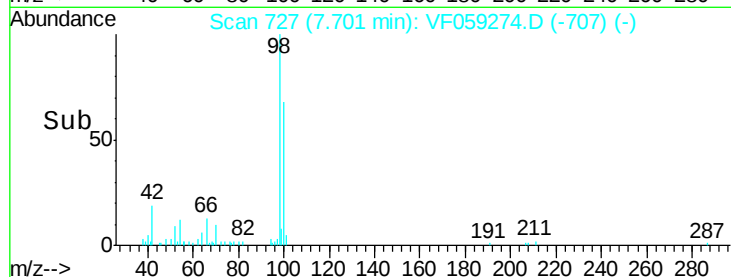
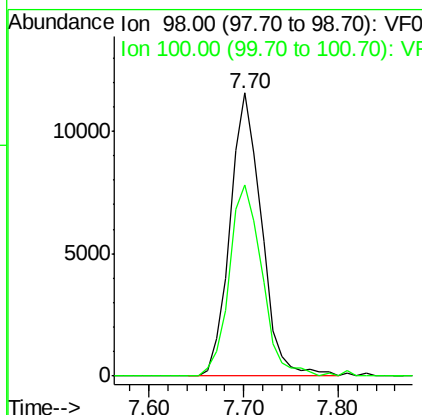
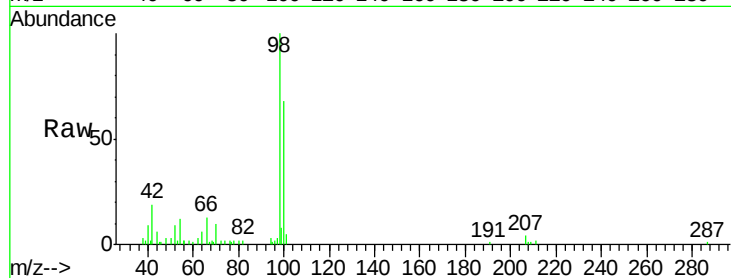




#50
Toluene-d8
Concen: 44.77 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059274.D
Acq: 21 Jun 2018 21:51

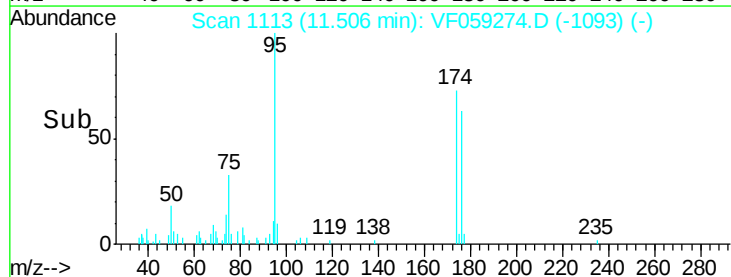
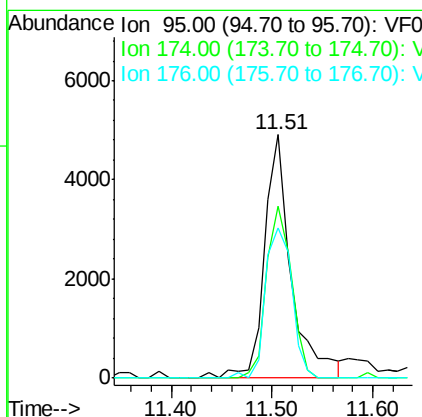
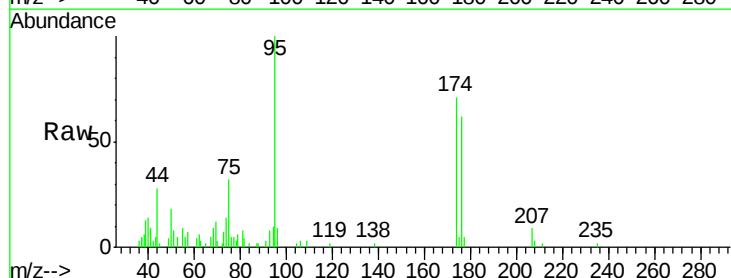
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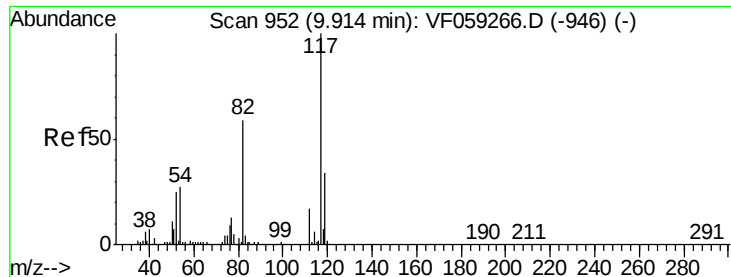
Tot Ion: 98 Resp: 26661
Ion Ratio Lower Upper
98 100
100 67.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 27.52 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059274.D
Acq: 21 Jun 2018 21:51

Tgt Ion: 95 Resp: 9087
Ion Ratio Lower Upper
95 100
174 70.9 0.0 166.2
176 61.6 0.0 162.8

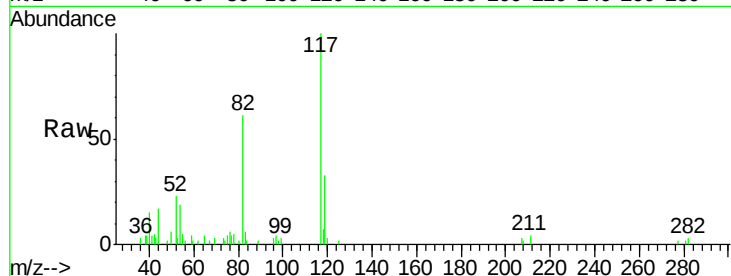




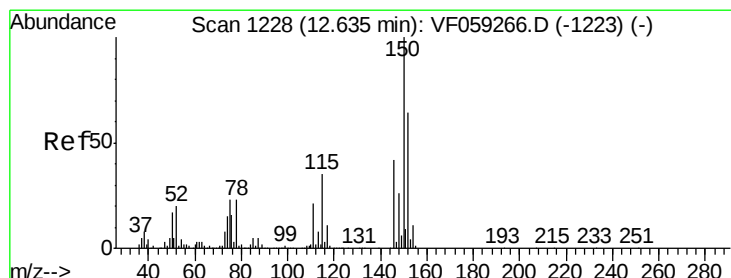
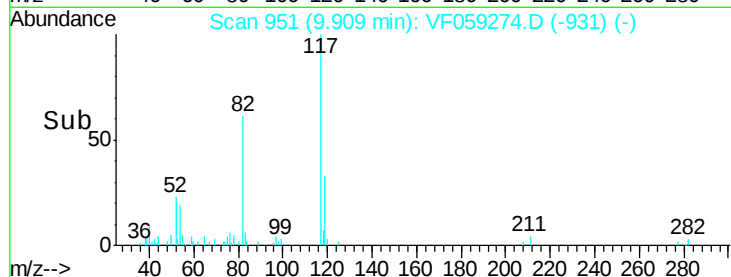
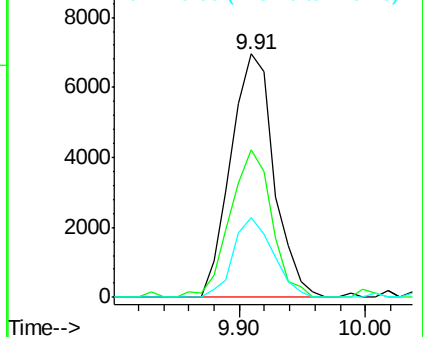
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059274.D
Acq: 21 Jun 2018 21:51

Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1ARE

Tot Ion:117 Resp: 16516
Ion Ratio Lower Upper
117 100
82 60.6 47.1 70.7
119 32.9 26.9 40.3

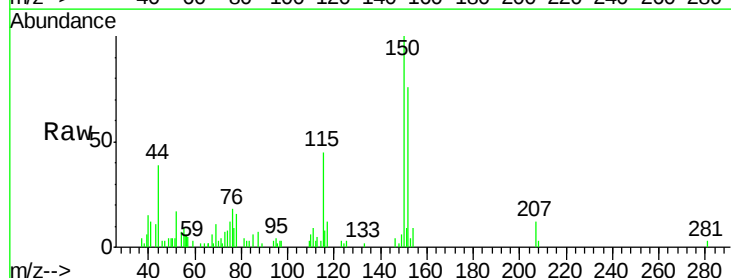


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059274.D
Acq: 21 Jun 2018 21:51

Tgt Ion:152 Resp: 5811
Ion Ratio Lower Upper
152 100
115 59.0 27.8 83.3
150 131.1 0.0 313.8



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

