

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059817.D
 Acq On : 2 Aug 2018 22:53
 Operator : VA/AP
 Sample : J4267-11
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-N

Quant Time: Aug 03 07:53:47 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	178543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	252307	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	219709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	111678	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	146670	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
35) Dibromofluoromethane	4.28	113	117900	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
50) Toluene-d8	7.70	98	189842	31.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.14%	
62) 4-Bromofluorobenzene	11.51	95	99465	29.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.80%	

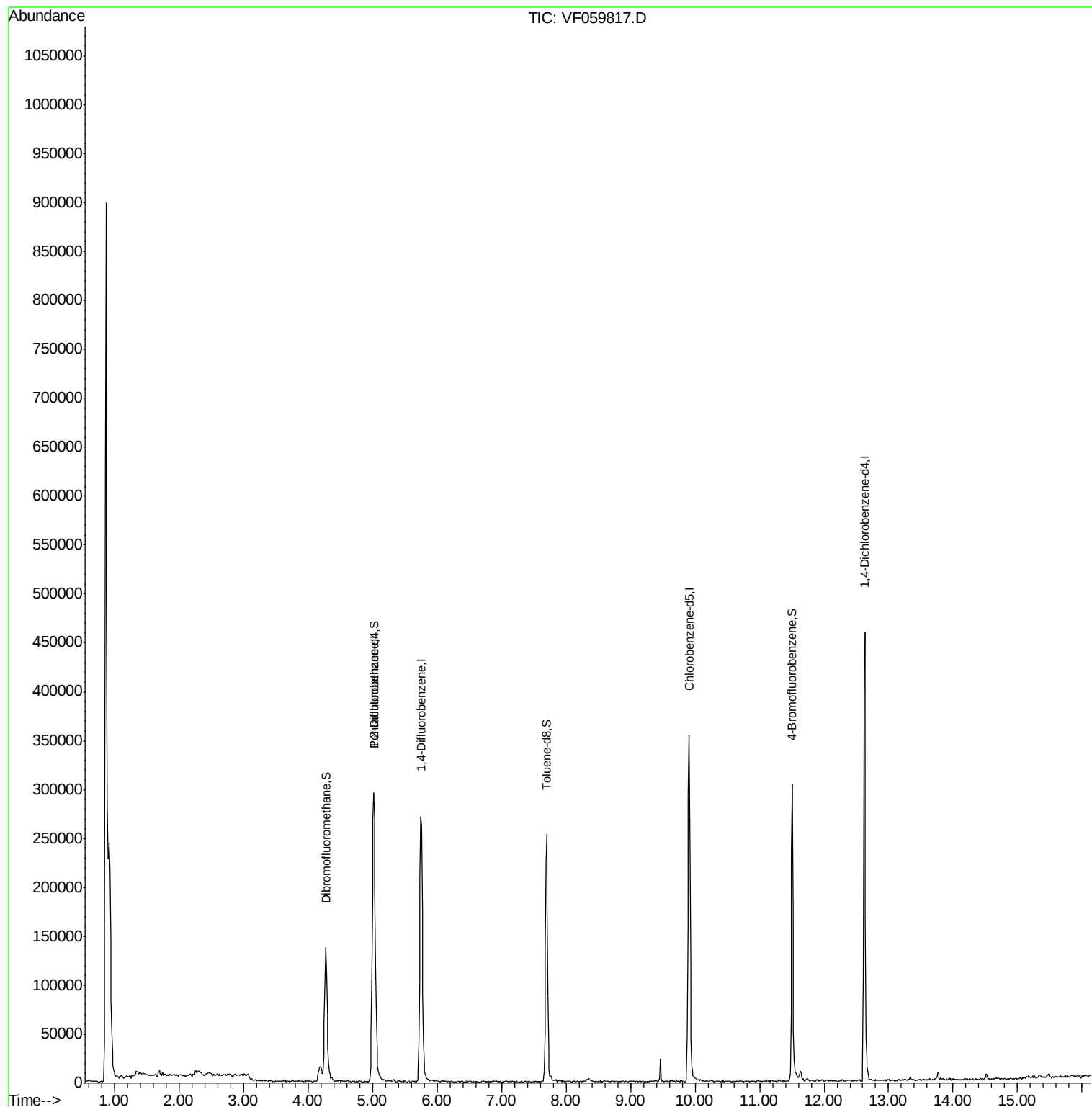
Target Compounds	Qvalue
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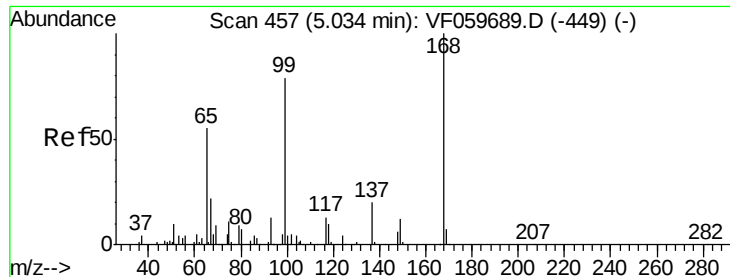
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 456

Delta R.T. -0.00 min

Lab File: VF059817.D

Acq: 2 Aug 2018 22:53

Instrument :

MSVOA_F

ClientSampleId :

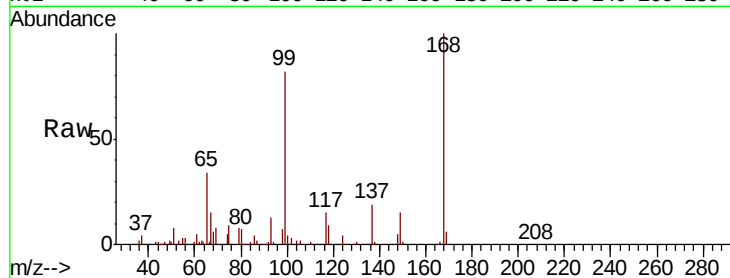
UST-N

Tot Ion:168 Resp: 178543

Ion Ratio Lower Upper

168 100

99 81.8 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

60000

5.03

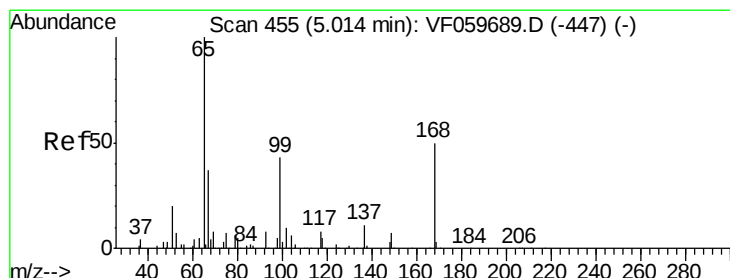
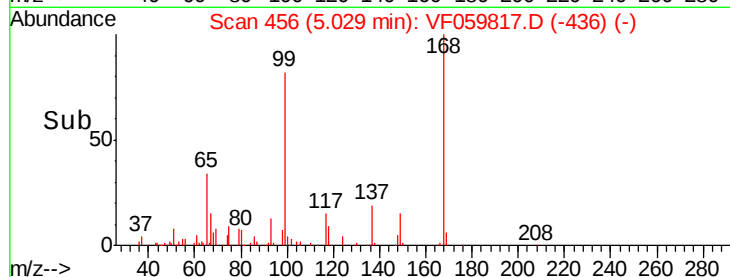
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 45.71 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059817.D

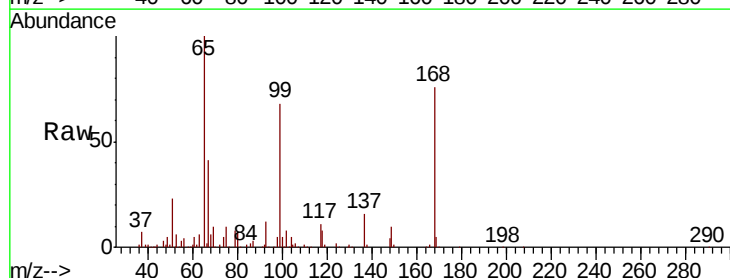
Acq: 2 Aug 2018 22:53

Tgt Ion: 65 Resp: 146670

Ion Ratio Lower Upper

65 100

67 40.5 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

60000

5.01

50000

40000

30000

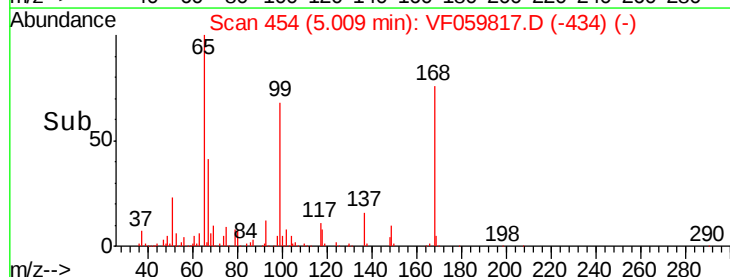
20000

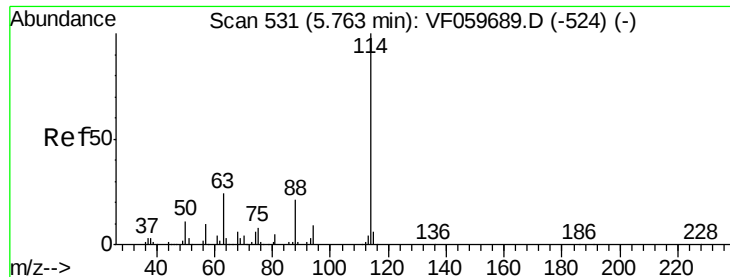
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059817.D

Acq: 2 Aug 2018 22:53

Instrument :

MSVOA_F

ClientSampleId :

UST-N

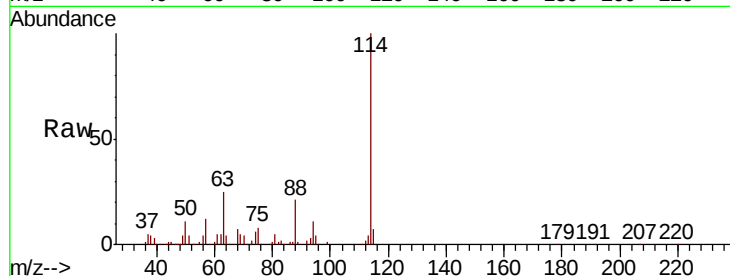
Tot Ion:114 Resp: 252307

Ion Ratio Lower Upper

114 100

63 25.3 0.0 47.4

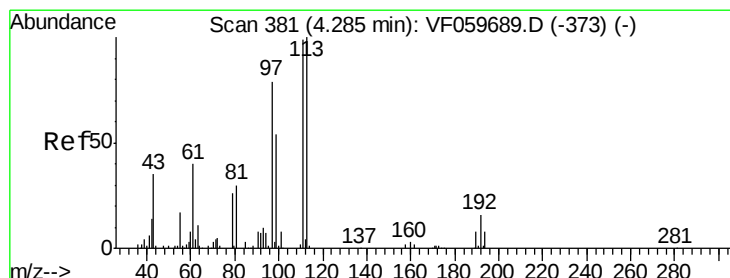
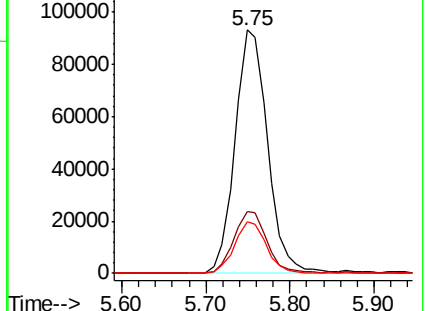
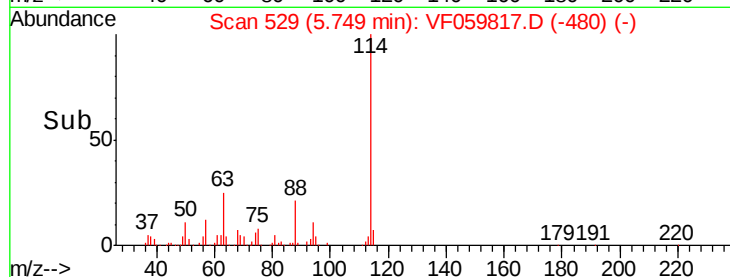
88 21.2 0.0 41.2



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: 44.99 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059817.D

Acq: 2 Aug 2018 22:53

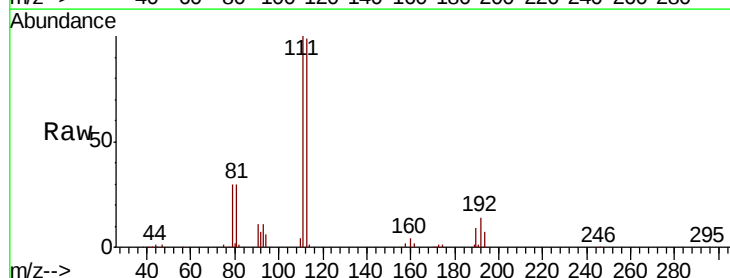
Tgt Ion:113 Resp: 117900

Ion Ratio Lower Upper

113 100

111 101.5 79.0 118.4

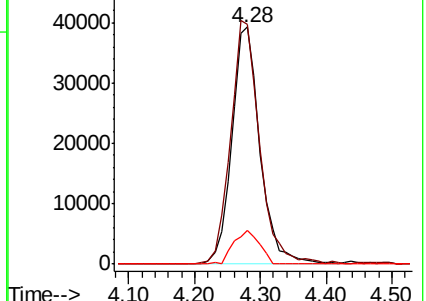
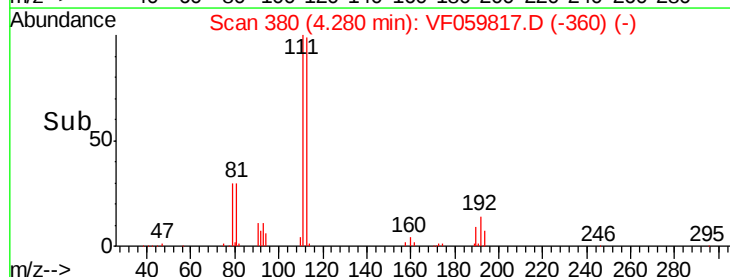
192 14.5 13.2 19.8

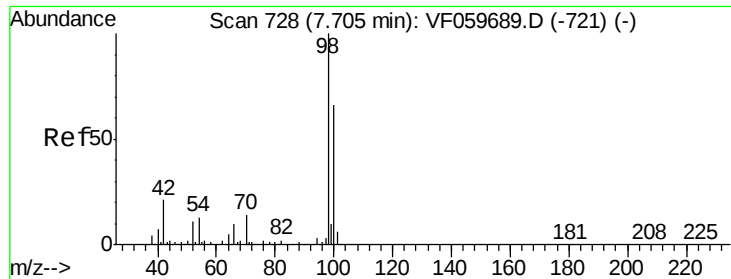


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

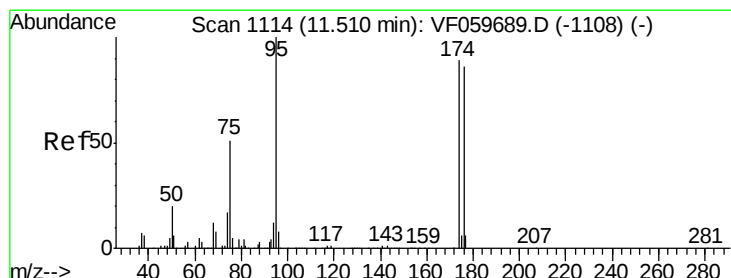
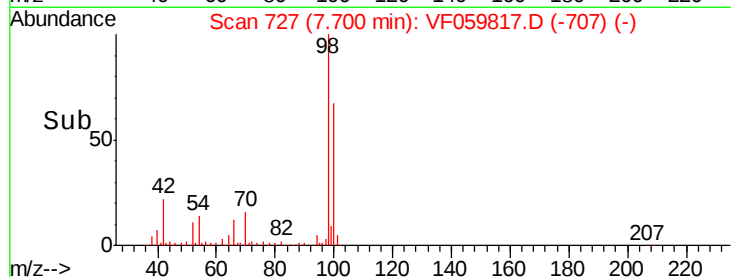
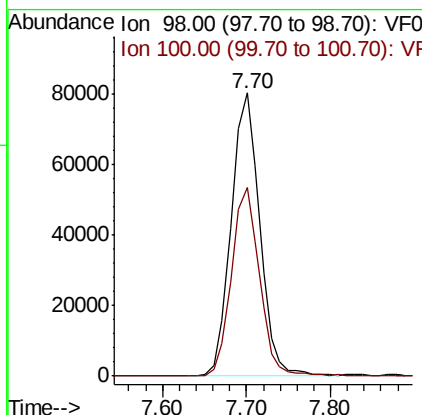
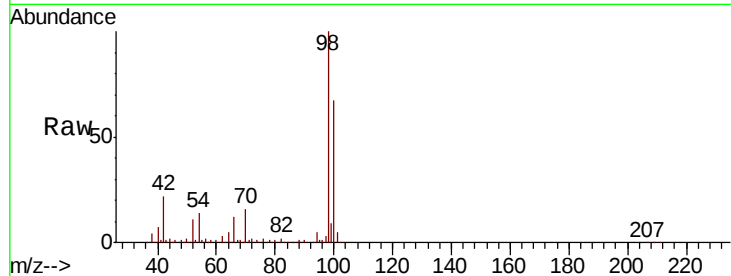




#50
Toluene-d8
Concen: 31.07 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059817.D
Acq: 2 Aug 2018 22:53

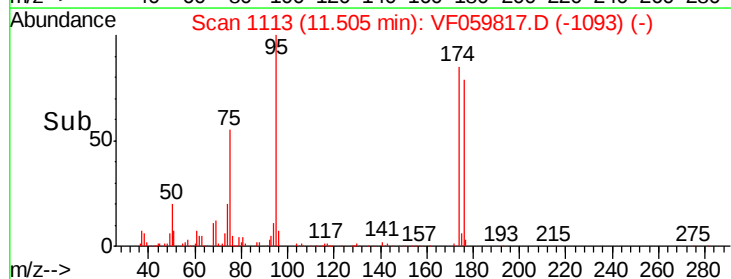
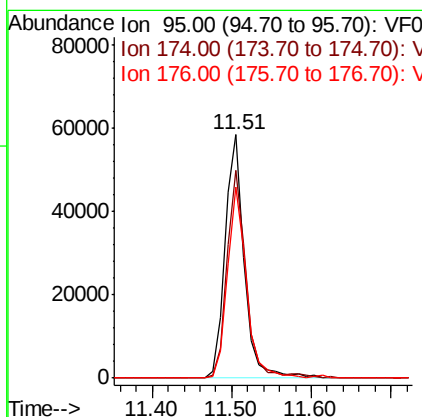
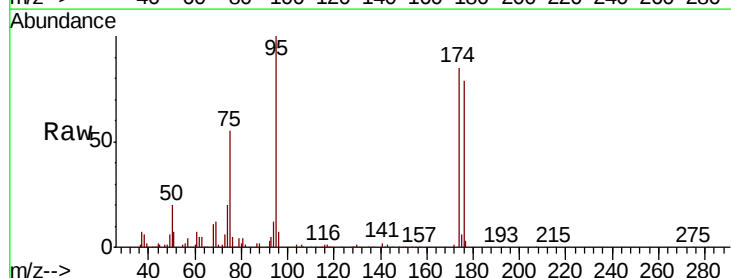
Instrument :
MSVOA_F
ClientSampleId :
UST-N

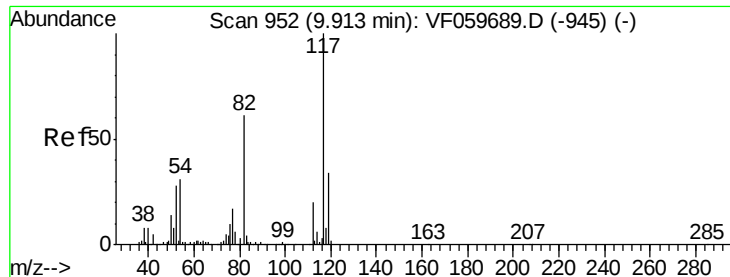
Tot Ion: 98 Resp: 189842
Ion Ratio Lower Upper
98 100
100 66.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 29.40 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059817.D
Acq: 2 Aug 2018 22:53

Tgt Ion: 95 Resp: 99465
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.4
176 78.8 0.0 173.0

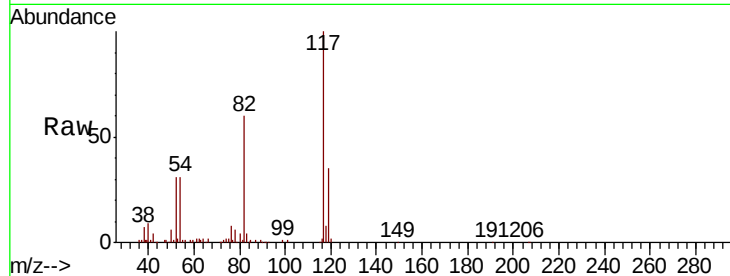




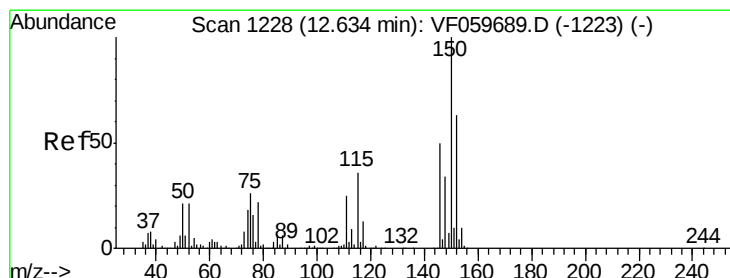
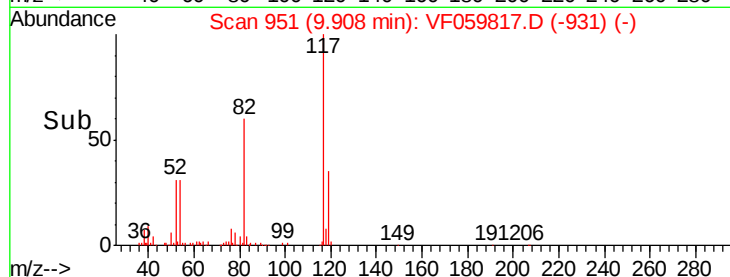
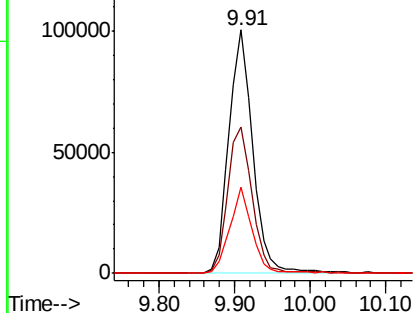
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059817.D
Acq: 2 Aug 2018 22:53

Instrument :
MSVOA_F
ClientSampled :
UST-N

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	49.0	73.4
119	35.5	27.3	40.9

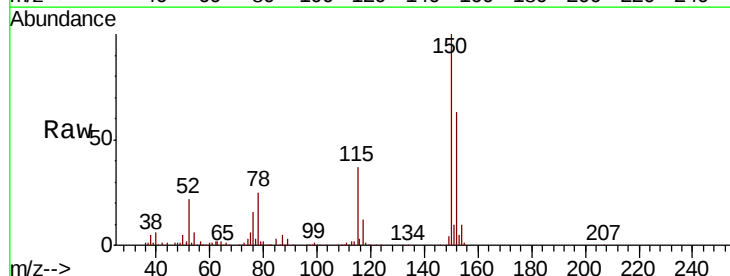


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059817.D
Acq: 2 Aug 2018 22:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.2	84.6
150	159.6	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

