

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059830.D
 Acq On : 3 Aug 2018 10:34
 Operator : VA/AP
 Sample : J4267-11RE
 Misc : 5.04g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-NRE

Quant Time: Aug 03 11:18:39 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	5.04	168	200463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	268517	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	191353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	90488	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	150070	41.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.30%	
35) Dibromofluoromethane	4.28	113	127198	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
50) Toluene-d8	7.71	98	163373	25.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.24%	
62) 4-Bromofluorobenzene	11.50	95	82301	22.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.72%	

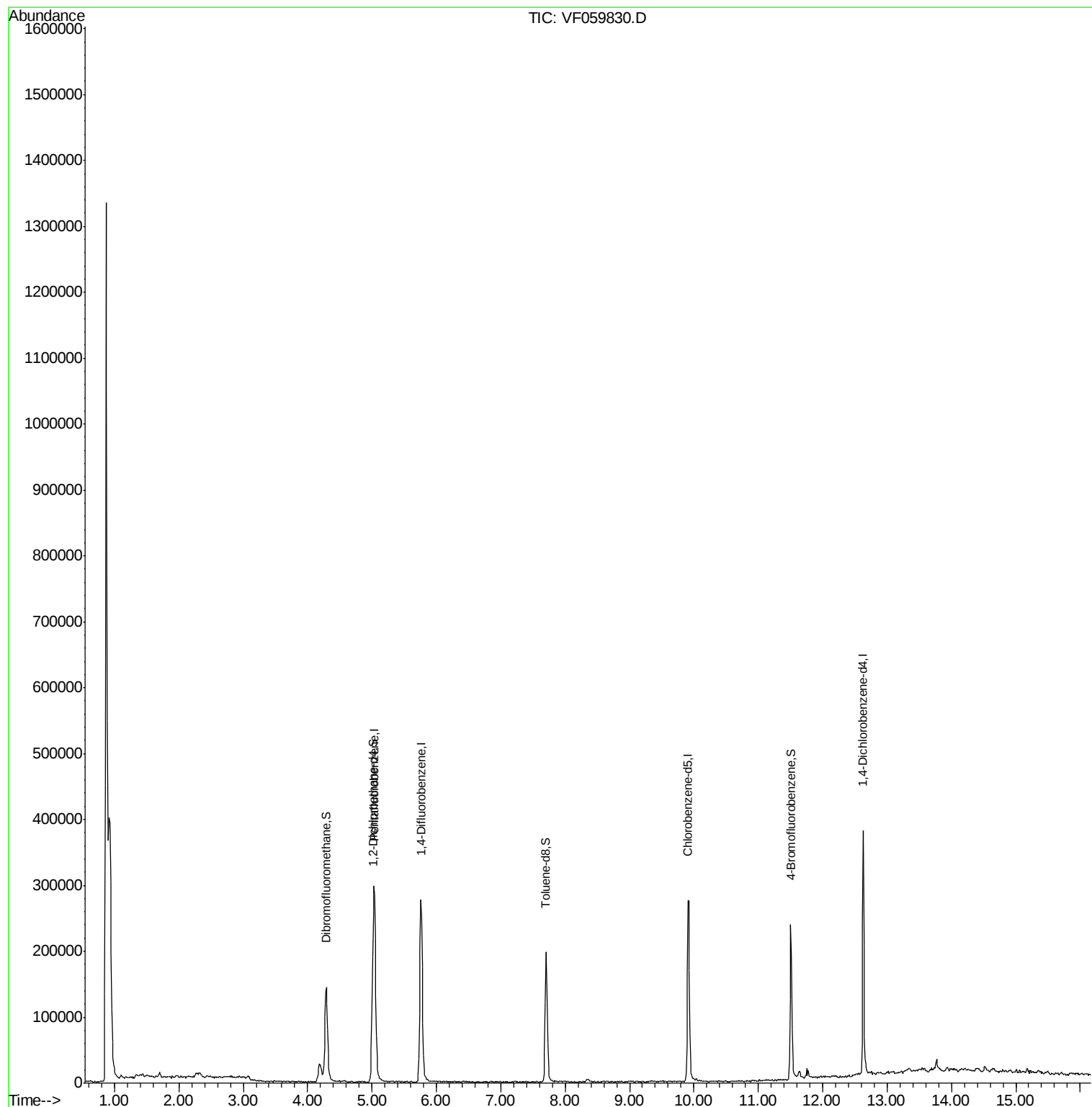
Target Compounds	Qvalue

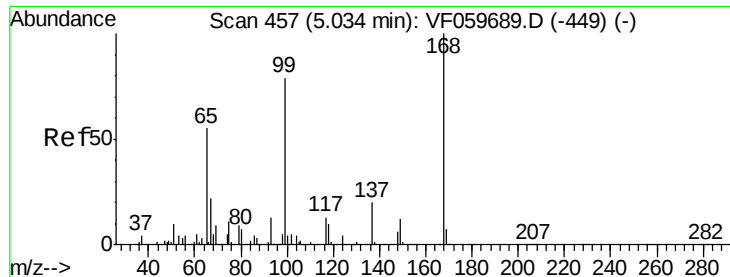
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059830.D

Acq: 3 Aug 2018 10:34

Instrument :

MSVOA_F

ClientSampleId :

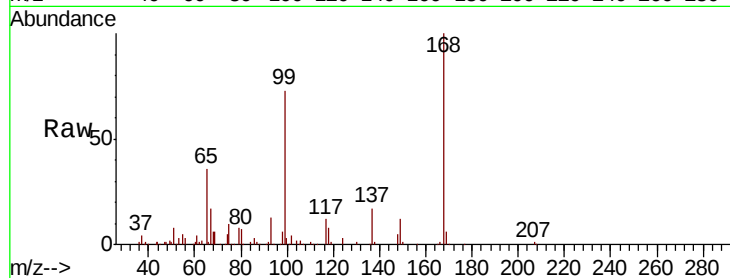
UST-NRE

Tot Ion:168 Resp: 200463

Ion Ratio Lower Upper

168 100

99 73.0 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

60000

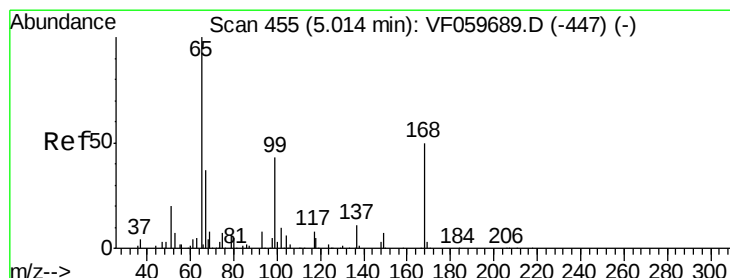
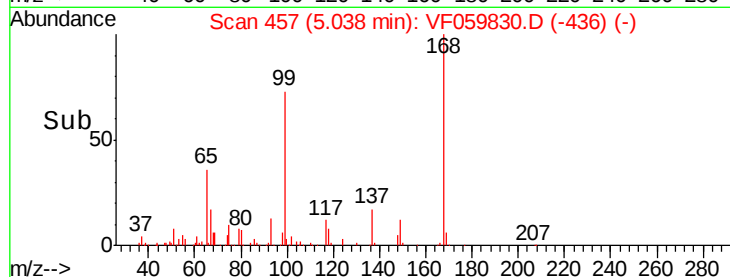
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 41.65 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059830.D

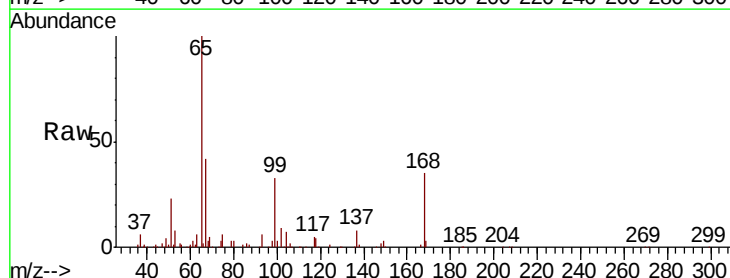
Acq: 3 Aug 2018 10:34

Tgt Ion: 65 Resp: 150070

Ion Ratio Lower Upper

65 100

67 42.4 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

60000

50000

40000

30000

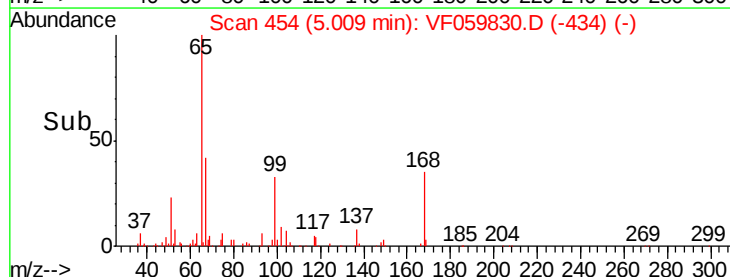
20000

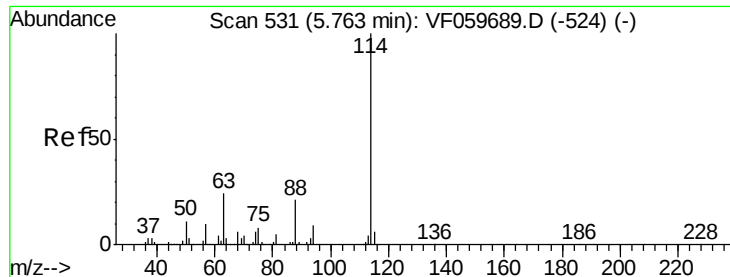
10000

0

Time-->

4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059830.D

Acq: 3 Aug 2018 10:34

Instrument :

MSVOA_F

ClientSampleId :

UST-NRE

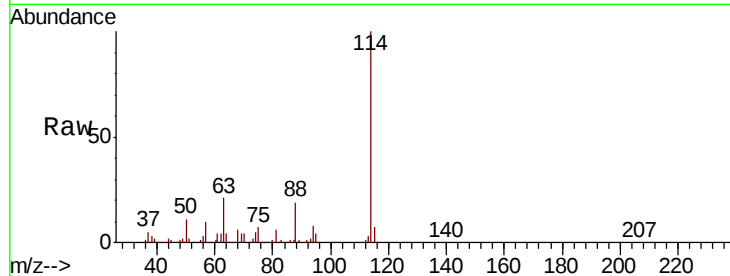
Tot Ion:114 Resp: 268517

Ion Ratio Lower Upper

114 100

63 20.6 0.0 47.4

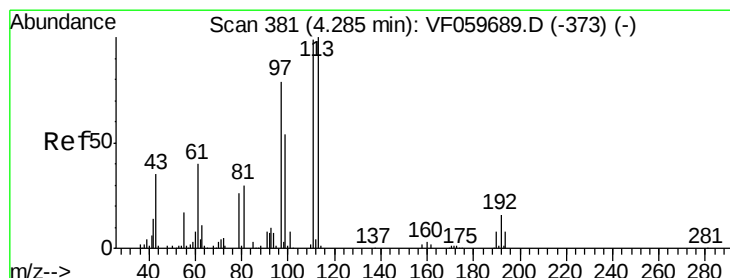
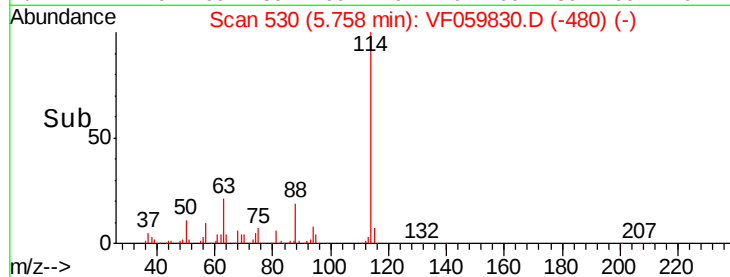
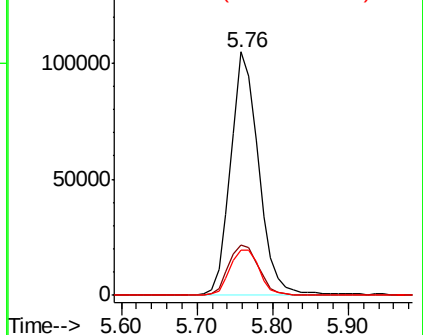
88 18.7 0.0 41.2



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: 45.61 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.01 min

Lab File: VF059830.D

Acq: 3 Aug 2018 10:34

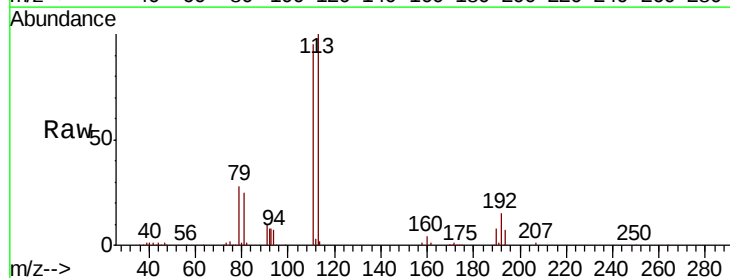
Tgt Ion:113 Resp: 127198

Ion Ratio Lower Upper

113 100

111 93.4 79.0 118.4

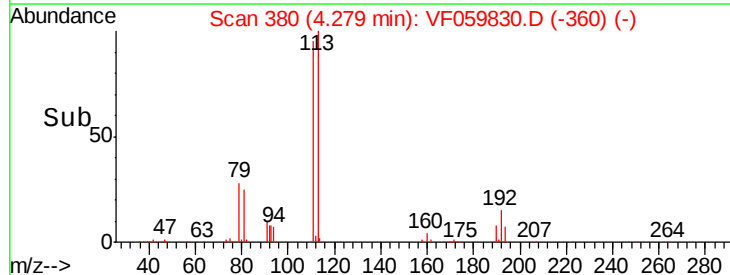
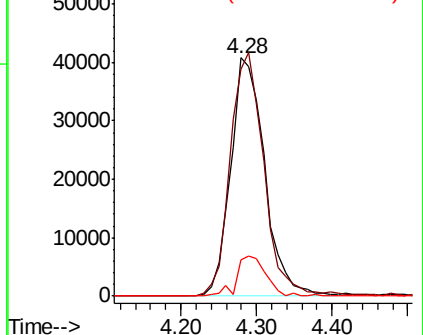
192 15.2 13.2 19.8

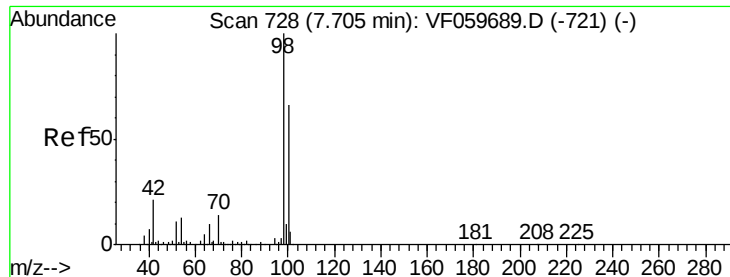


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

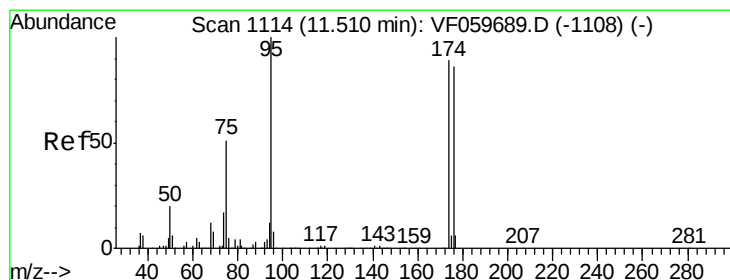
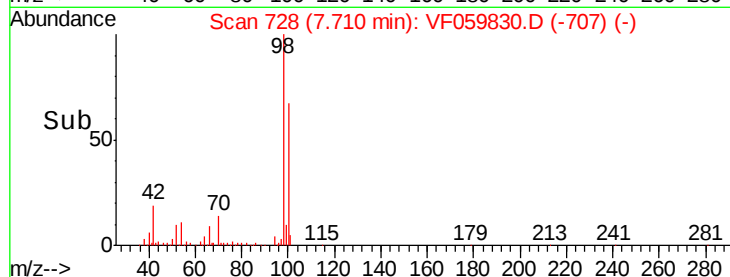
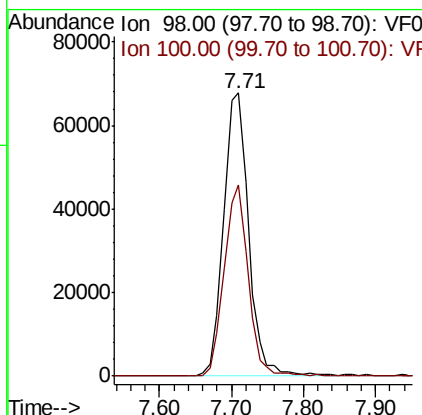
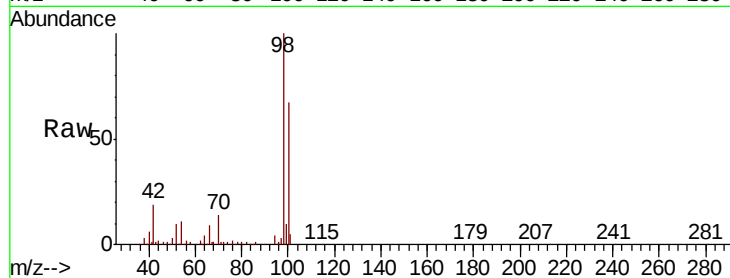




#50
Toluene-d8
Concen: 25.12 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059830.D
Acq: 3 Aug 2018 10:34

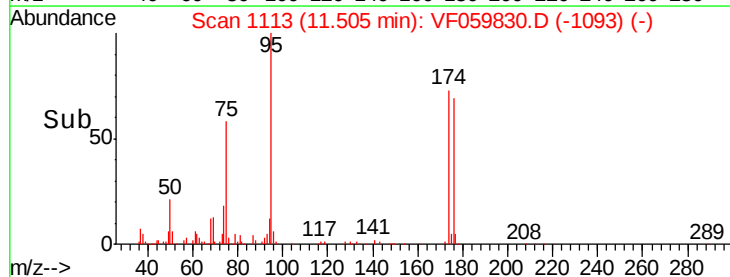
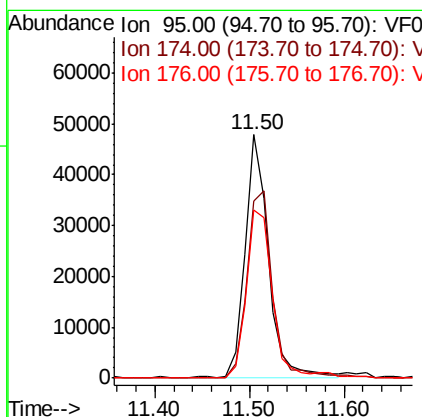
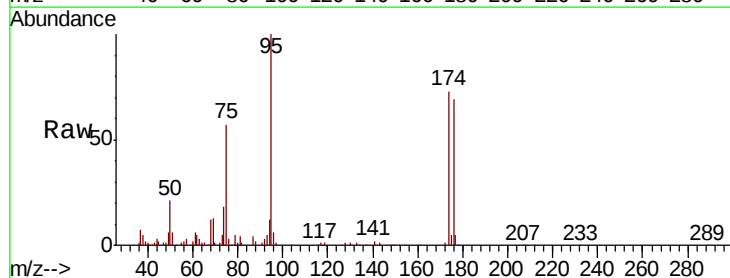
Instrument :
MSVOA_F
ClientSampleId :
UST-NRE

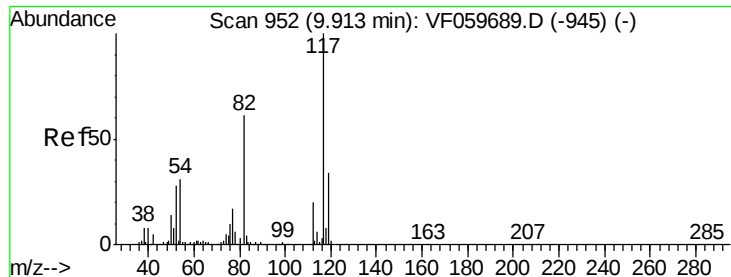
Tot Ion: 98 Resp: 163373
Ion Ratio Lower Upper
98 100
100 67.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 22.86 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059830.D
Acq: 3 Aug 2018 10:34

Tgt Ion: 95 Resp: 82301
Ion Ratio Lower Upper
95 100
174 72.8 0.0 178.4
176 69.1 0.0 173.0

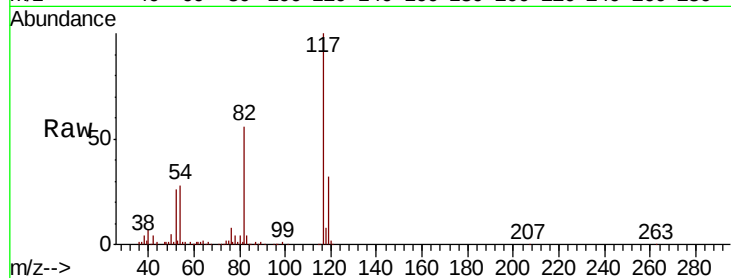




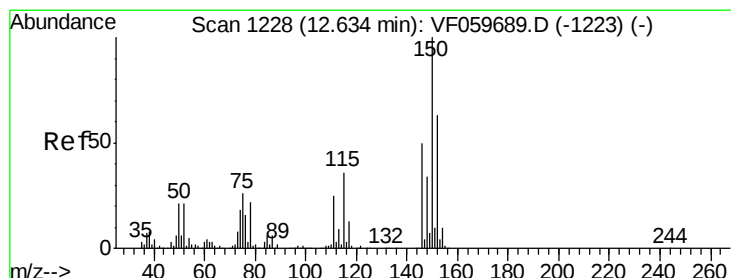
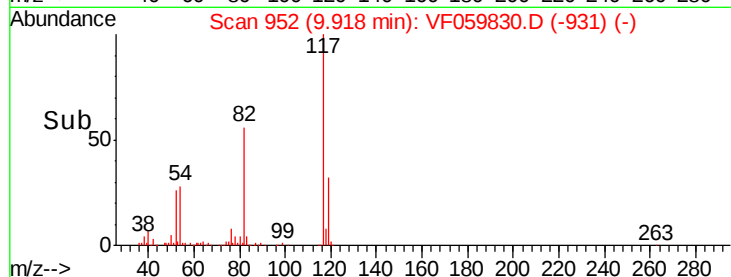
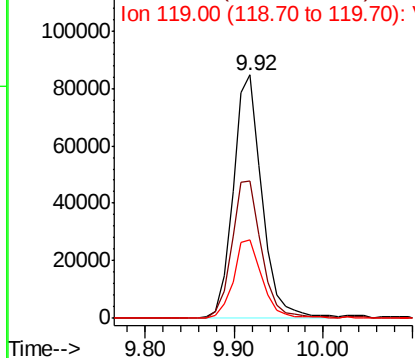
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059830.D
Acq: 3 Aug 2018 10:34

Instrument :
MSVOA_F
ClientSampled :
UST-NRE

Tot Ion:117 Resp: 191353
Ion Ratio Lower Upper
117 100
82 56.4 49.0 73.4
119 32.3 27.3 40.9

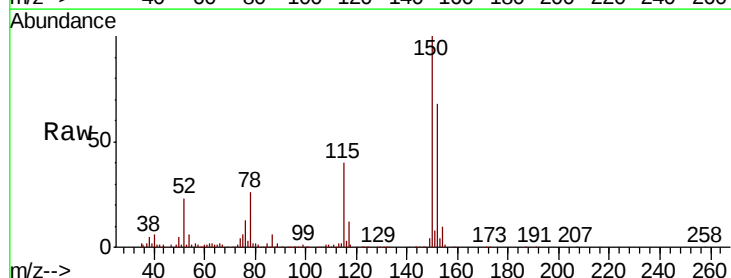


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059830.D
Acq: 3 Aug 2018 10:34

Tgt Ion:152 Resp: 90488
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.6
150 147.5 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

