

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060441.D
 Acq On : 4 Oct 2018 17:43
 Operator : VA/AP
 Sample : J5191-01RE
 Misc : 4.98/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 155-CLAYRE

Quant Time: Oct 05 12:28:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	30138	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.75	114	31211	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.90	117	11680	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	5170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	4638	9.83	ug/l	0.01
Spiked Amount 50.000			Recovery	=	19.66%	
35) Dibromofluoromethane	4.27	113	7137	24.34	ug/l	0.01
Spiked Amount 50.000			Recovery	=	48.68%	
50) Toluene-d8	7.69	98	22202	30.75	ug/l	0.01
Spiked Amount 50.000			Recovery	=	61.50%	
62) 4-Bromofluorobenzene	11.50	95	5908	17.92	ug/l	0.01
Spiked Amount 50.000			Recovery	=	35.84%	

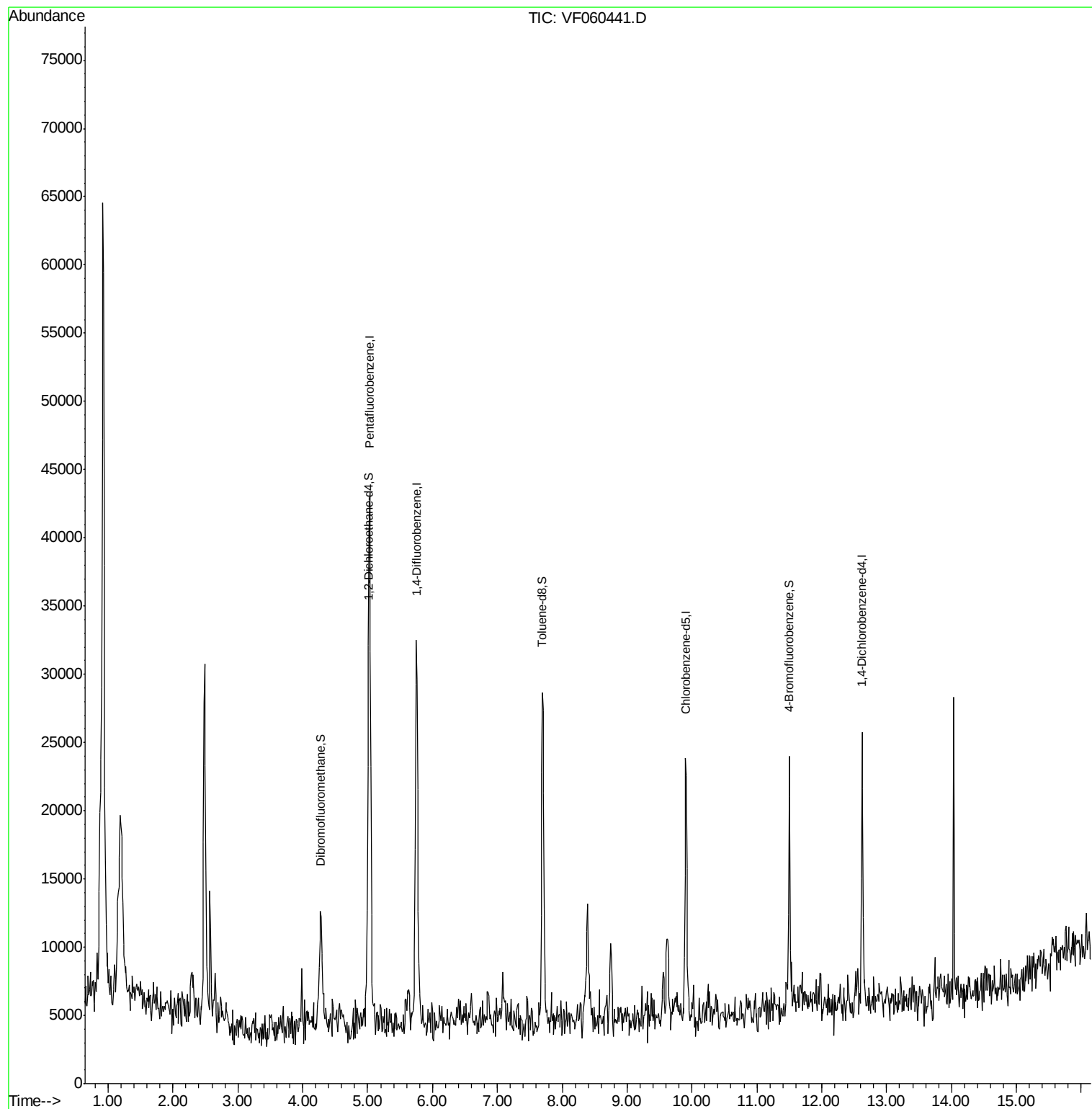
Target Compounds	Qvalue
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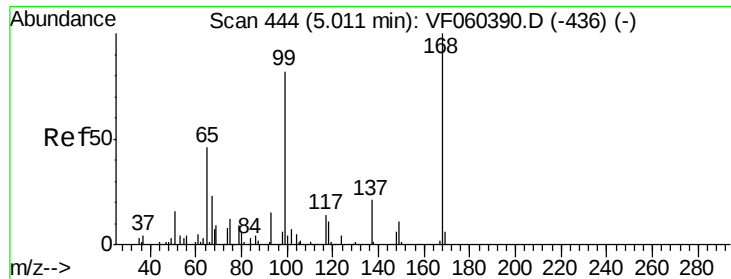
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.02 min

Lab File: VF060441.D

Acq: 4 Oct 2018 17:43

Instrument :

MSVOA_F

ClientSampleId :

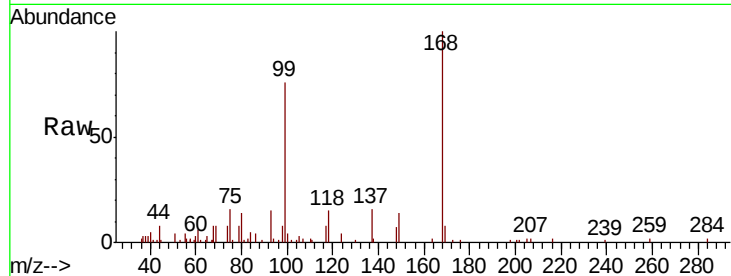
155-CLAYRE

Tot Ion:168 Resp: 30138

Ion Ratio Lower Upper

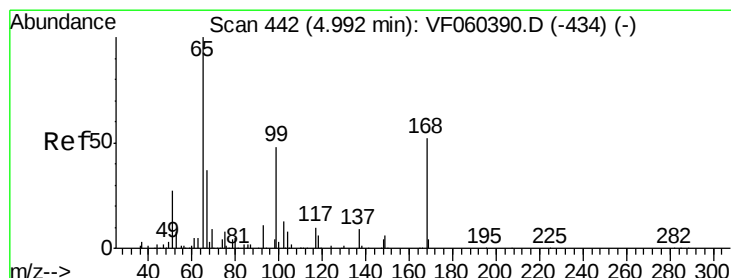
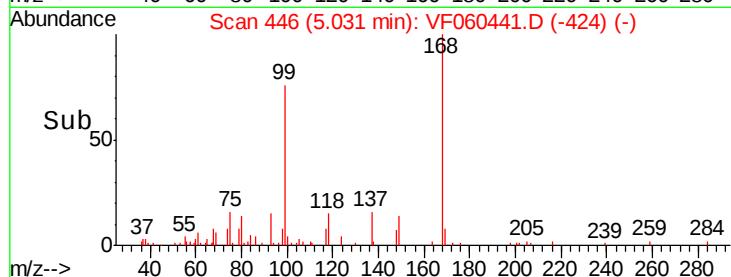
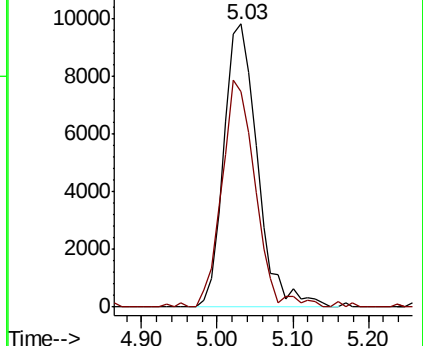
168 100

99 76.1 65.3 97.9



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: 9.835 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.01 min

Lab File: VF060441.D

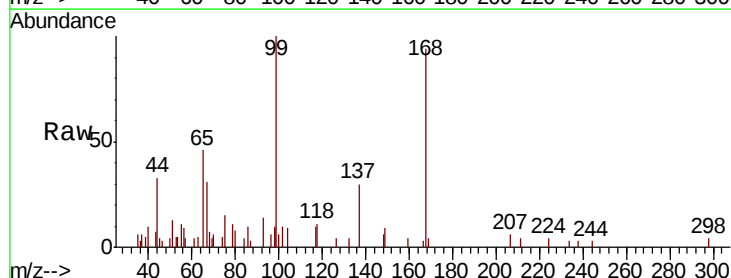
Acq: 4 Oct 2018 17:43

Tgt Ion: 65 Resp: 4638

Ion Ratio Lower Upper

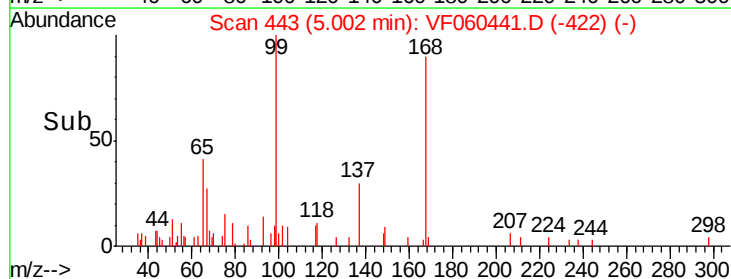
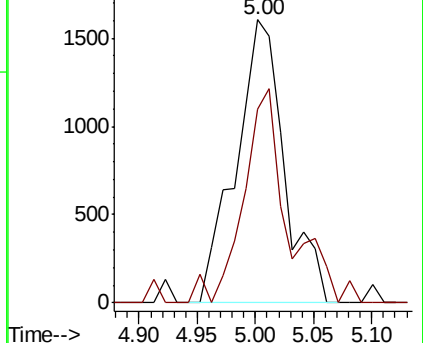
65 100

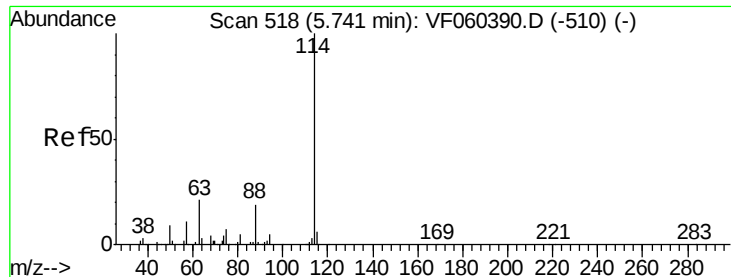
67 68.3 0.0 89.4



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: 5.75 min Scan# 519

Delta R.T. 0.01 min

Lab File: VF060441.D

Acq: 4 Oct 2018 17:43

Instrument :

MSVOA_F

ClientSampleId :

155-CLAYRE

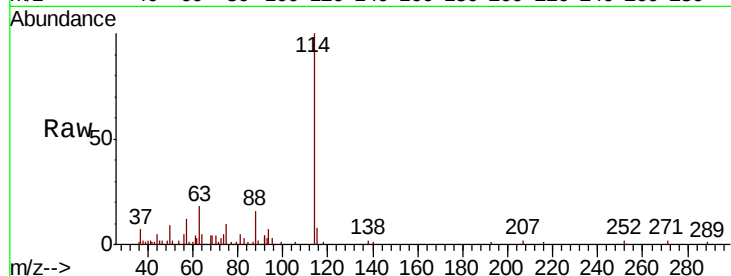
Tot Ion:114 Resp: 31211

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.2

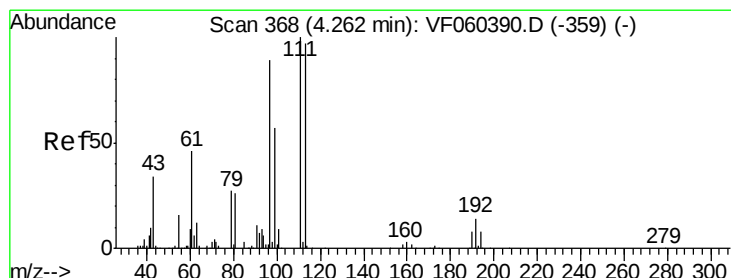
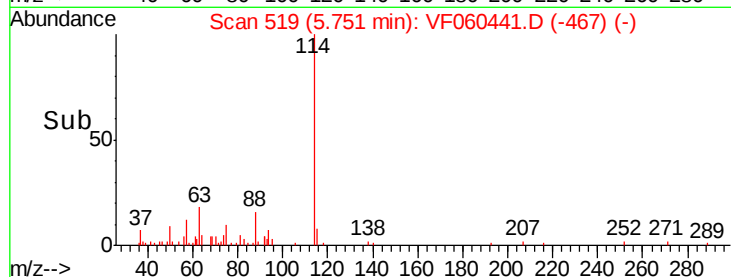
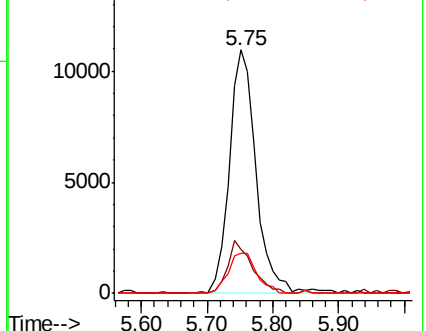
88 16.3 0.0 38.8



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: 24.341 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.01 min

Lab File: VF060441.D

Acq: 4 Oct 2018 17:43

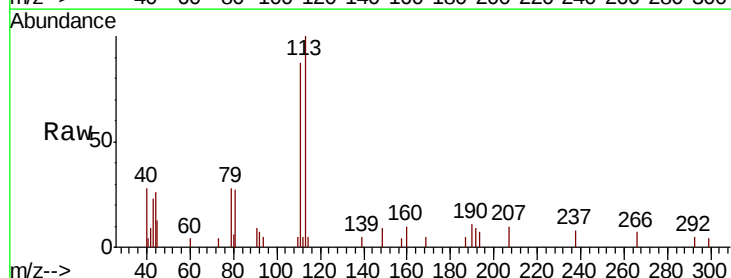
Tgt Ion:113 Resp: 7137

Ion Ratio Lower Upper

113 100

111 91.7 82.3 123.5

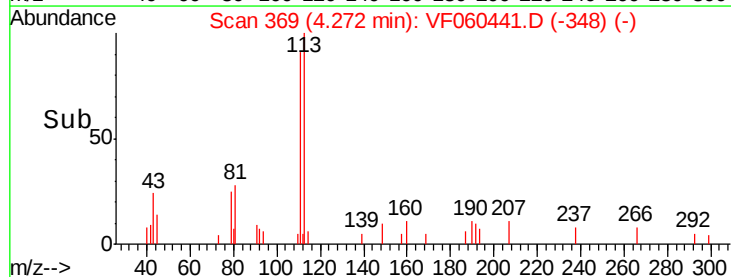
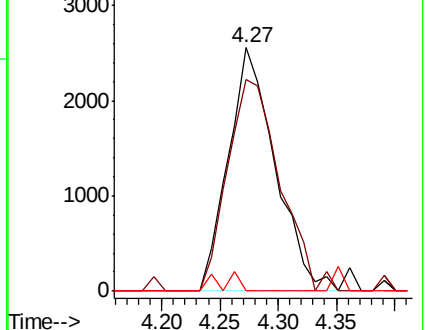
192 0.0 11.8 17.6#

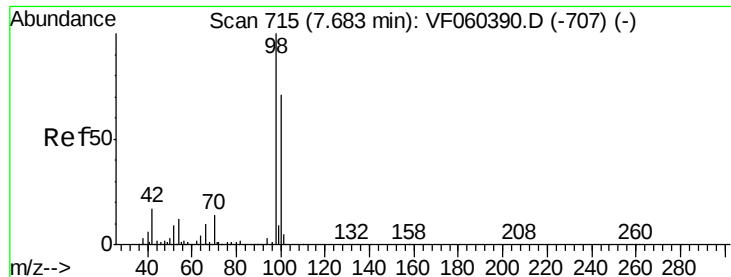


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

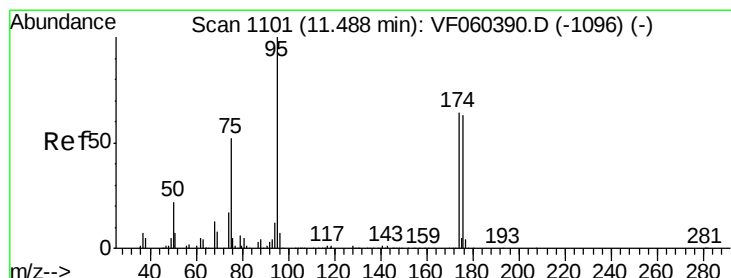
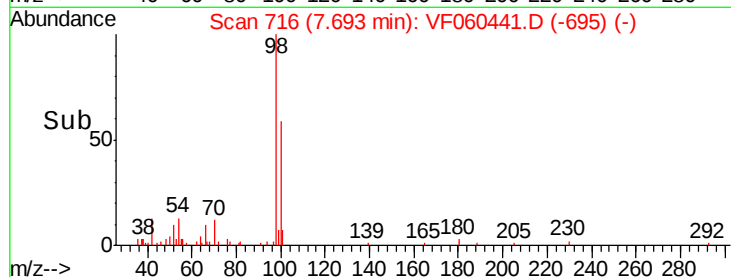
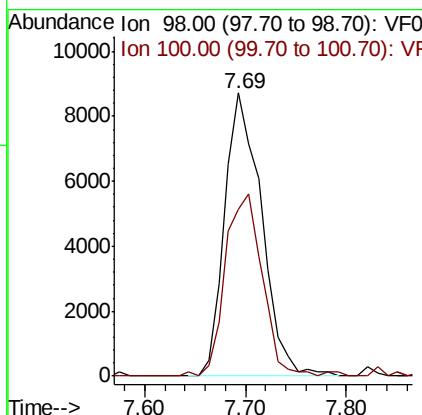
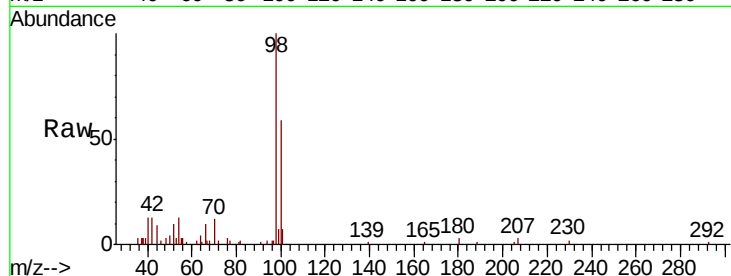




#50
Toluene-d8
Concen: 30.746 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060441.D
Acq: 4 Oct 2018 17:43

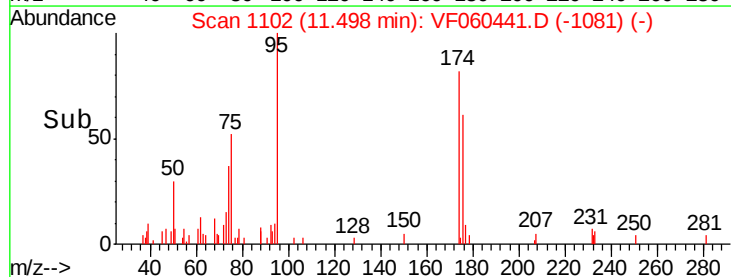
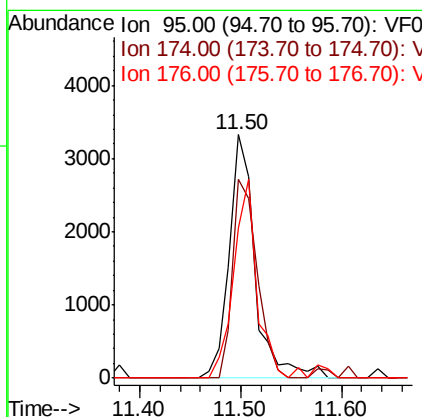
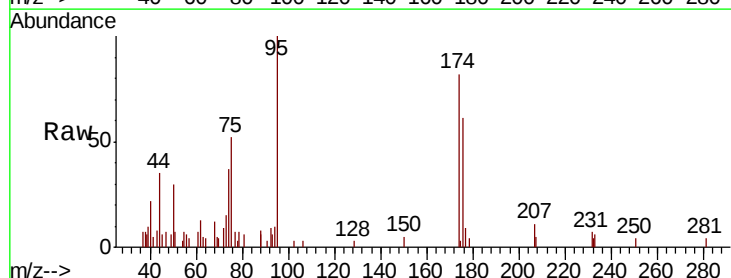
Instrument :
MSVOA_F
ClientSampleId :
155-CLAYRE

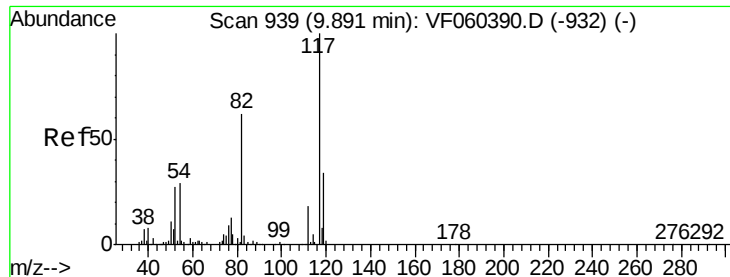
Tot Ion: 98 Resp: 22202
Ion Ratio Lower Upper
98 100
100 58.8 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 17.919 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. 0.01 min
Lab File: VF060441.D
Acq: 4 Oct 2018 17:43

Tgt Ion: 95 Resp: 5908
Ion Ratio Lower Upper
95 100
174 84.9 0.0 129.0
176 61.4 0.0 125.6

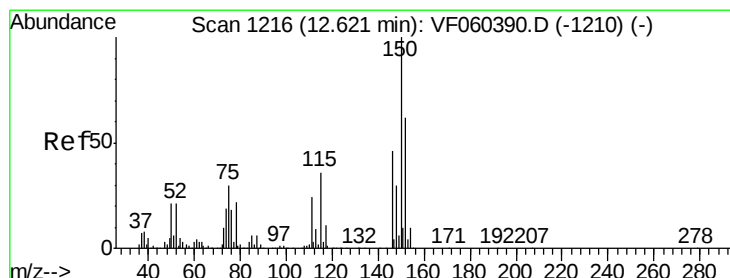
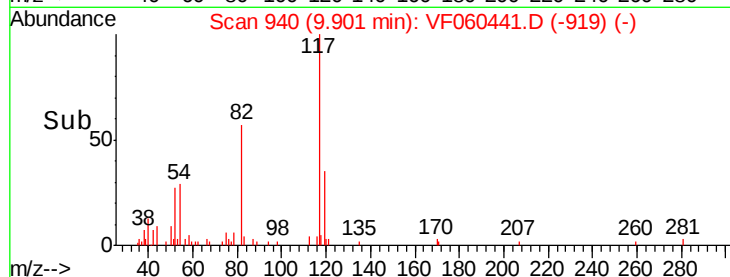
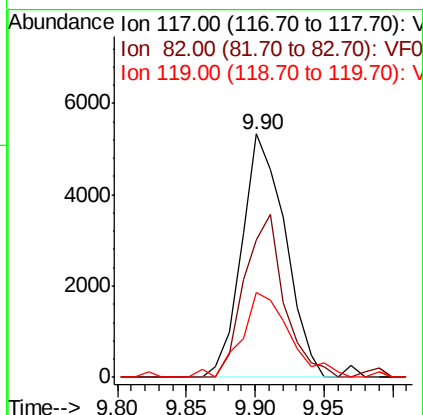
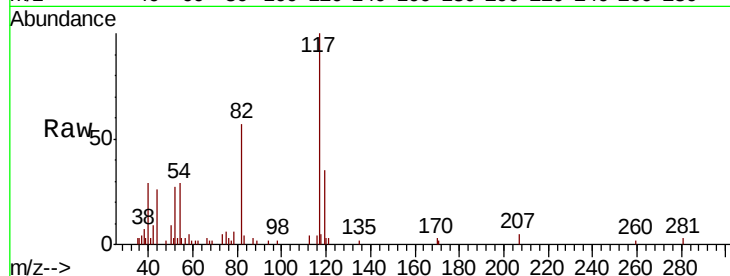




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060441.D
Acq: 4 Oct 2018 17:43

Instrument :
MSVOA_F
ClientSampleId :
155-CLAYRE

Tot Ion:117 Resp: 11680
Ion Ratio Lower Upper
117 100
82 56.6 49.5 74.3
119 34.9 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. 0.00 min
Lab File: VF060441.D
Acq: 4 Oct 2018 17:43

Tgt Ion:152 Resp: 5170
Ion Ratio Lower Upper
152 100
115 44.6 28.6 85.8
150 119.0 0.0 324.6

