

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
 Data File : VF060469.D
 Acq On : 5 Oct 2018 21:56
 Operator : VA/AP
 Sample : J5300-01RE
 Misc : 5.03/5mL/MSVOA F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-STONERE

Quant Time: Oct 06 05:16:34 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	5.02	168	191730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	303839	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	270203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	163304	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	138342	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	4.29	113	704	0.25	ug/l	0.02
Spiked Amount	50.000		Recovery	=	0.50%	
50) Toluene-d8	7.69	98	235453	33.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.98%	
62) 4-Bromofluorobenzene	11.49	95	115201	35.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.78%	

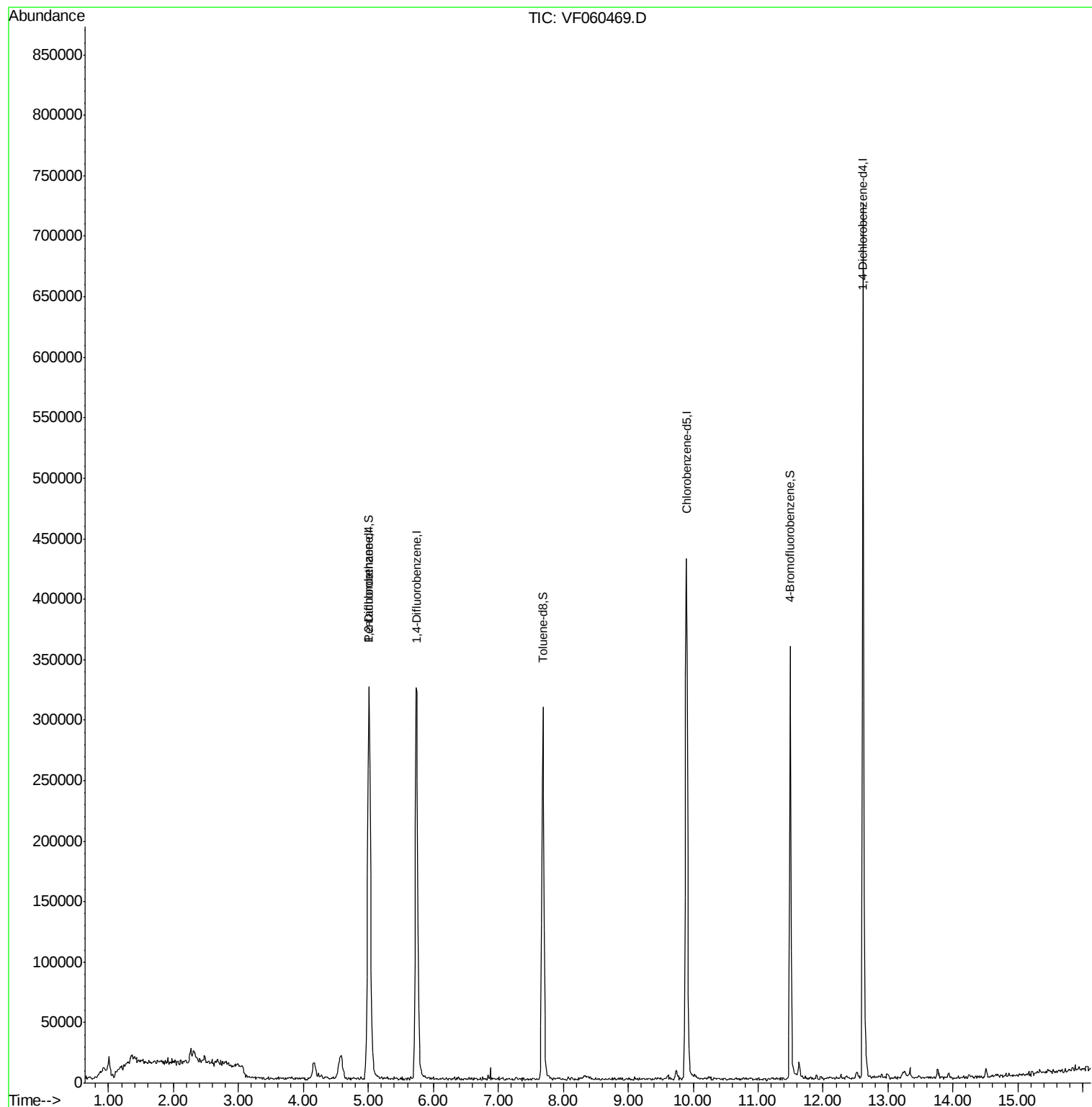
Target Compounds	Qvalue

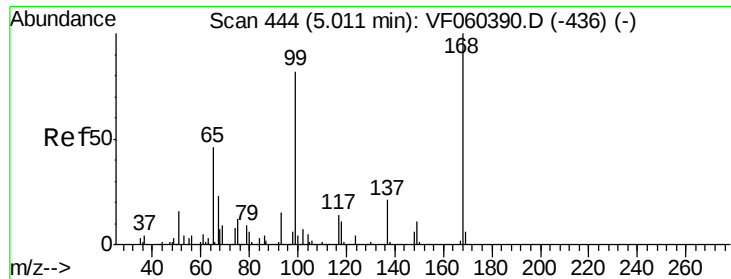
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060469.D

Acq: 5 Oct 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

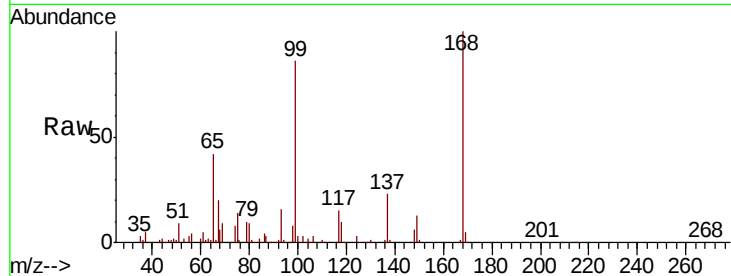
SR-STONERE

Tot Ion:168 Resp: 191730

Ion Ratio Lower Upper

168 100

99 86.1 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

60000

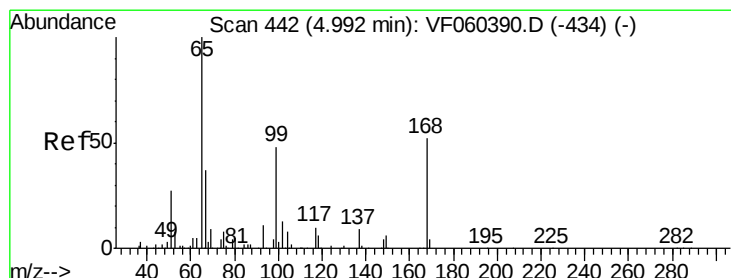
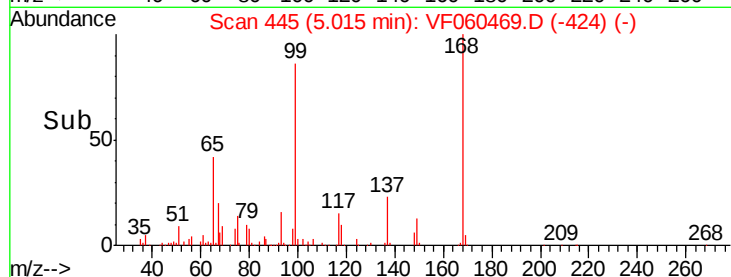
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.112 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.00 min

Lab File: VF060469.D

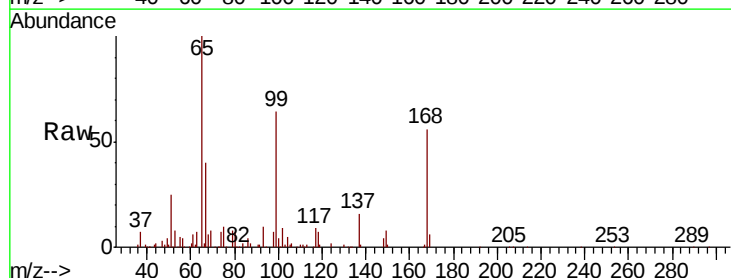
Acq: 5 Oct 2018 21:56

Tgt Ion: 65 Resp: 138342

Ion Ratio Lower Upper

65 100

67 40.2 0.0 89.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

60000

50000

40000

30000

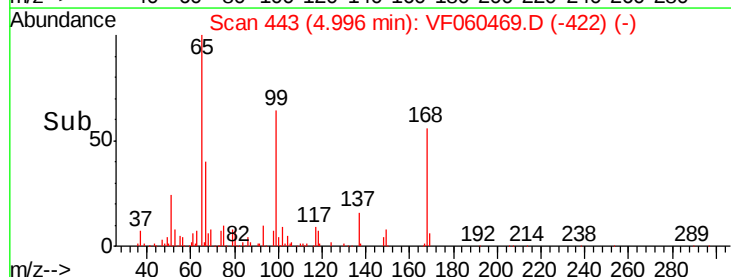
20000

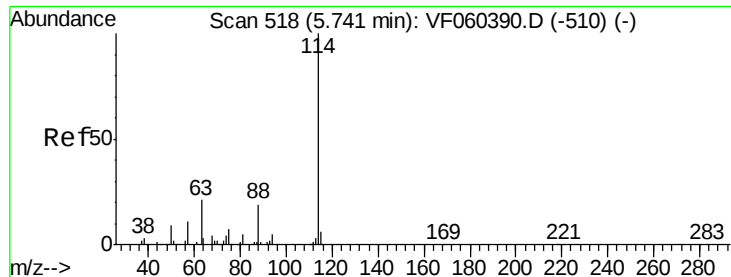
10000

0

4.80 4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 519

Delta R.T. 0.00 min

Lab File: VF060469.D

Acq: 5 Oct 2018 21:56

Instrument :

MSVOA_F

ClientSampleId :

SR-STONERE

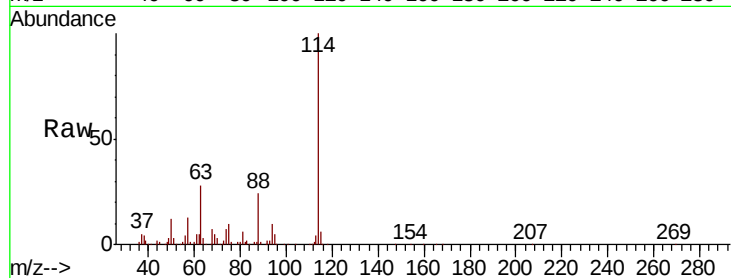
Tot Ion:114 Resp: 303839

Ion Ratio Lower Upper

114 100

63 27.6 0.0 42.2

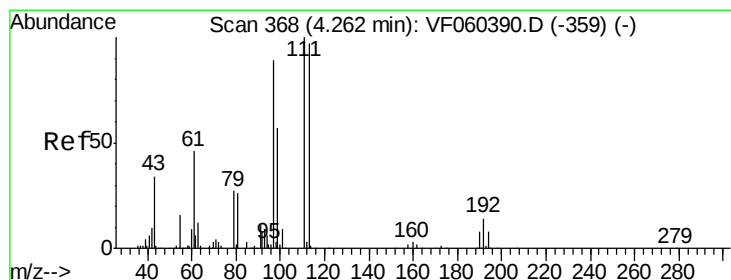
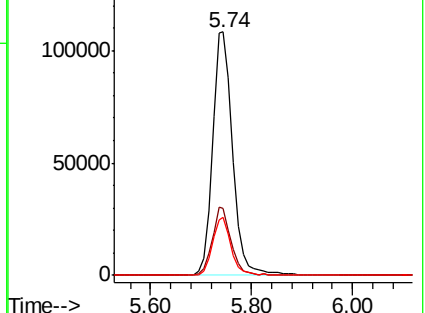
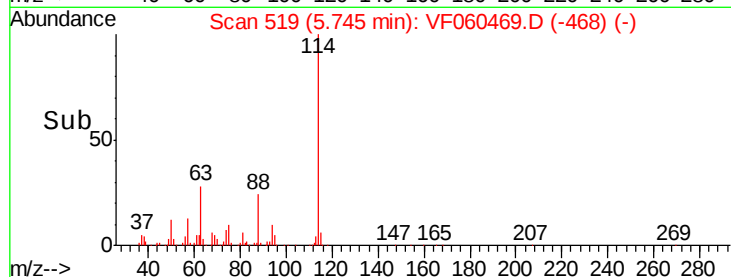
88 23.6 0.0 38.8



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: 0.247 ug/l

RT: 4.29 min Scan# 371

Delta R.T. 0.02 min

Lab File: VF060469.D

Acq: 5 Oct 2018 21:56

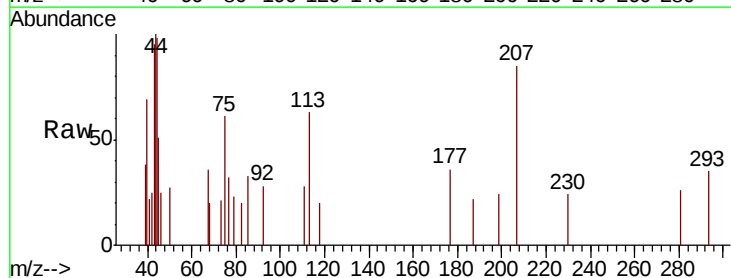
Tgt Ion:113 Resp: 704

Ion Ratio Lower Upper

113 100

111 44.3 82.3 123.5#

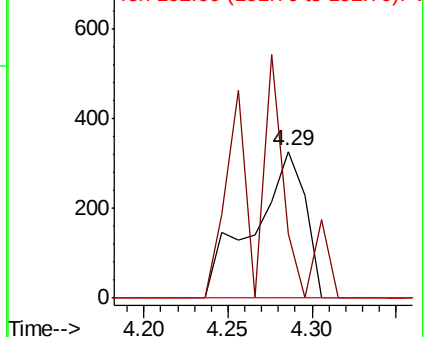
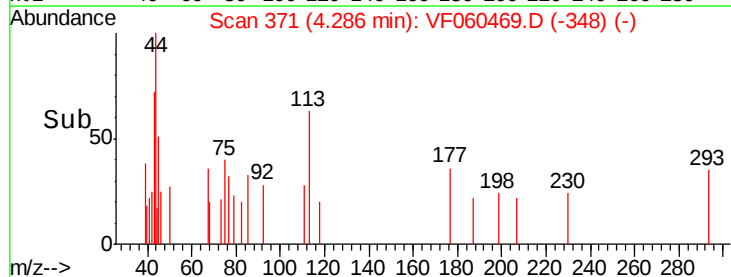
192 0.0 11.8 17.6#

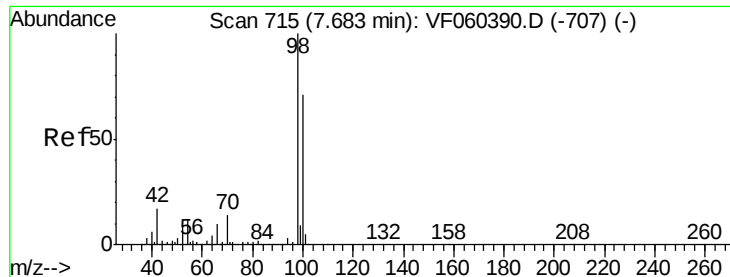


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

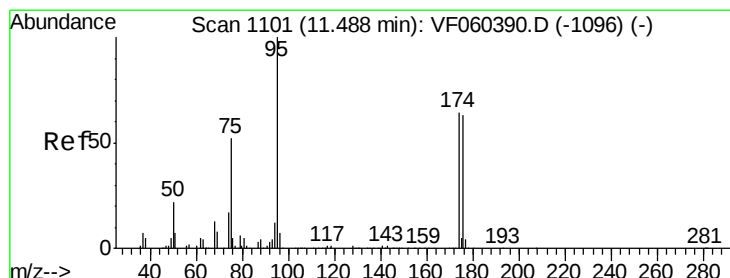
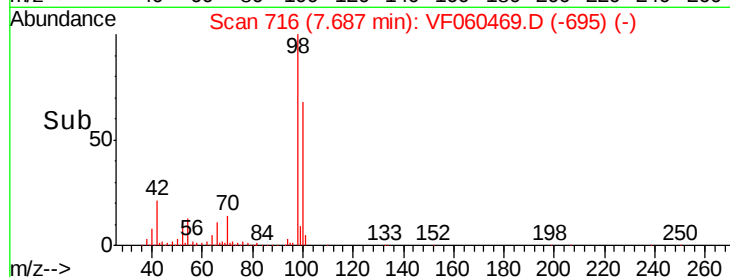
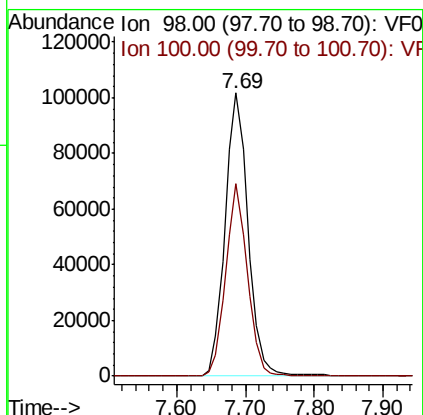
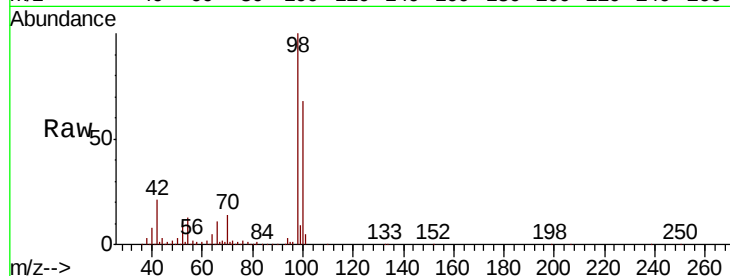




#50
Toluene-d8
Concen: 33.494 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.00 min
Lab File: VF060469.D
Acq: 5 Oct 2018 21:56

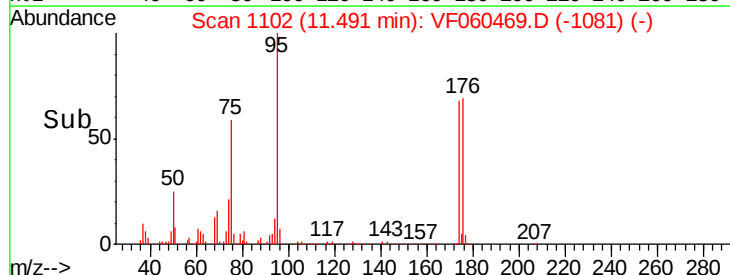
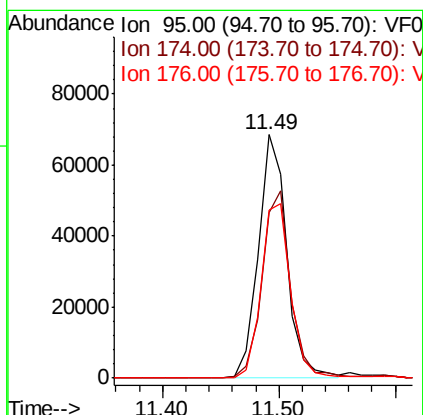
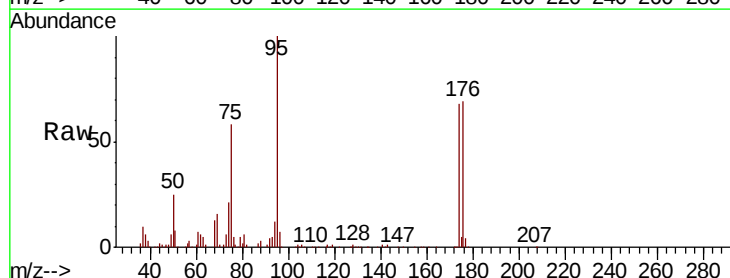
Instrument :
MSVOA_F
ClientSampleId :
SR-STONERE

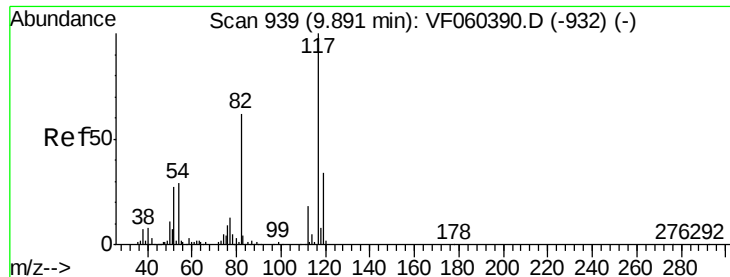
Tot Ion: 98 Resp: 235453
Ion Ratio Lower Upper
98 100
100 68.1 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 35.891 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VF060469.D
Acq: 5 Oct 2018 21:56

Tgt Ion: 95 Resp: 115201
Ion Ratio Lower Upper
95 100
174 67.9 0.0 129.0
176 68.8 0.0 125.6

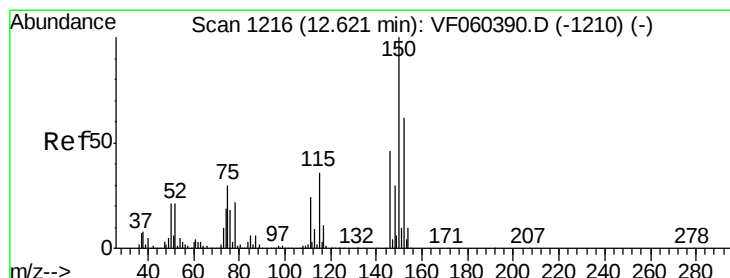
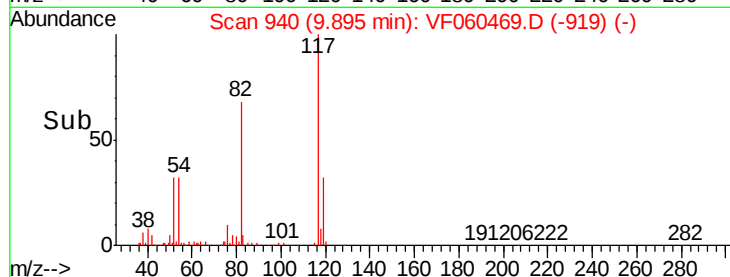
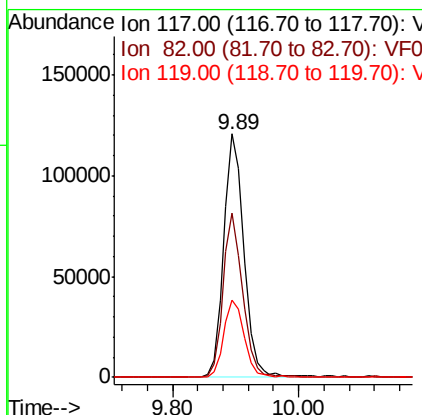
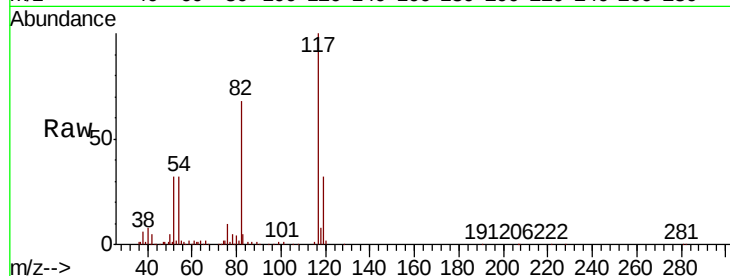




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 940
Delta R.T. 0.00 min
Lab File: VF060469.D
Acq: 5 Oct 2018 21:56

Instrument :
MSVOA_F
ClientSampleId :
SR-STONERE

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.6	49.5	74.3
119	31.8	27.0	40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF060469.D
Acq: 5 Oct 2018 21:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	28.6	85.8
150	152.4	0.0	324.6

