

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092618\
 Data File : VF060351.D
 Acq On : 26 Sep 2018 14:57
 Operator : VA/AP
 Sample : J4779-07
 Misc : 7.05/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-092418-B

Quant Time: Sep 27 09:59:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	336486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	542523	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	445739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	220202	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	211181	46.61	ug/l	0.01
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	4.29	113	234934	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	7.71	98	494679	39.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.56%	
62) 4-Bromofluorobenzene	11.50	95	207824	38.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.34%	

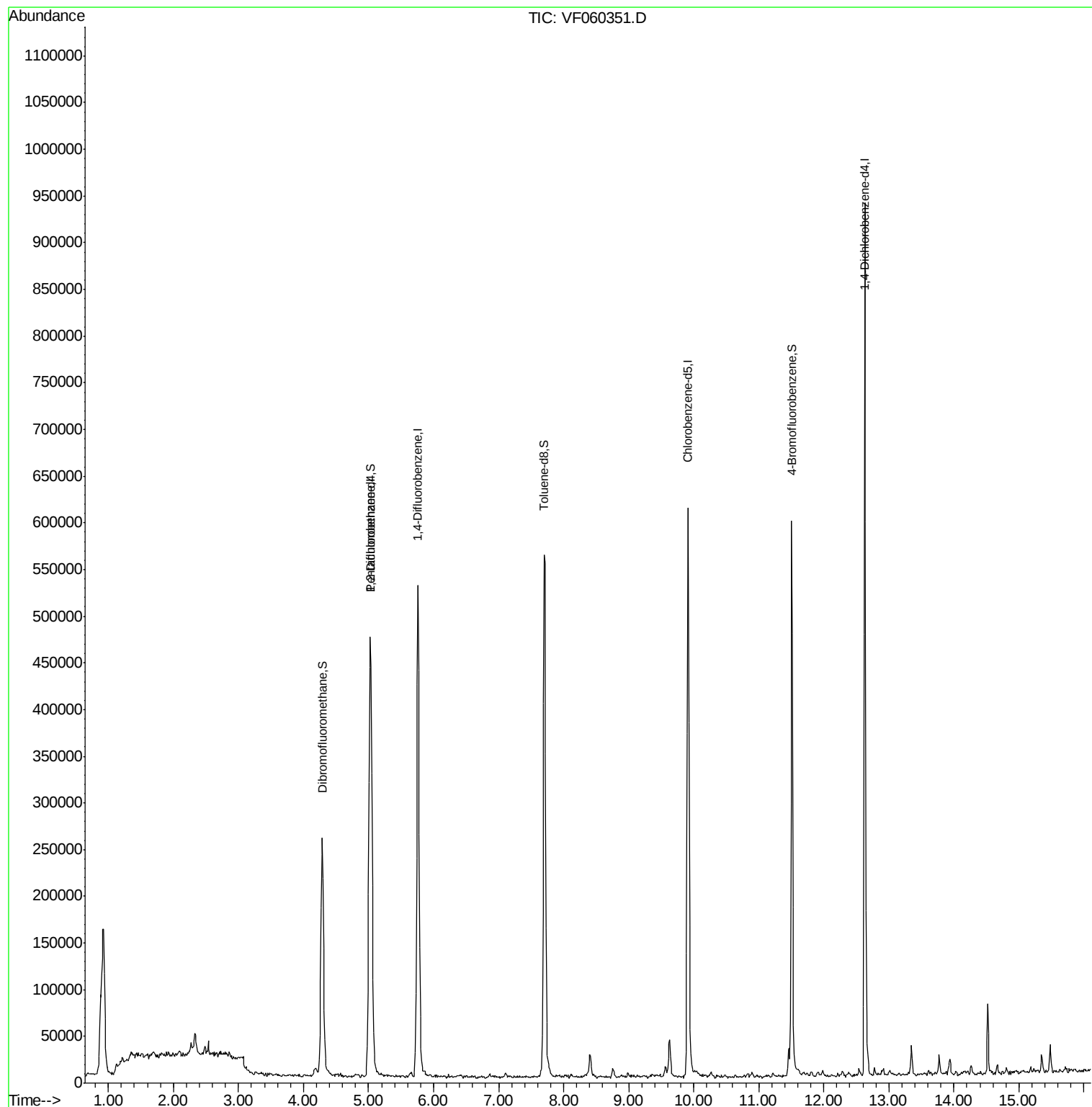
Target Compounds	Qvalue

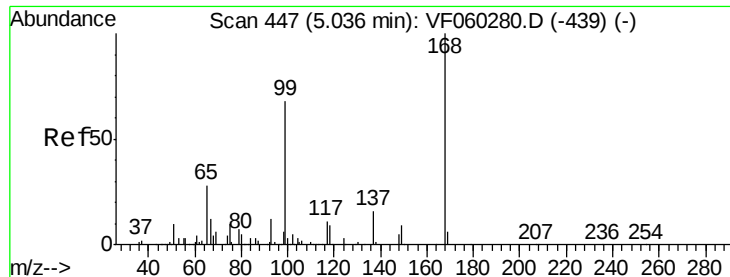
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 447

Delta R.T. 0.00 min

Lab File: VF060351.D

Acq: 26 Sep 2018 14:57

Instrument :

MSVOA_F

ClientSampleId :

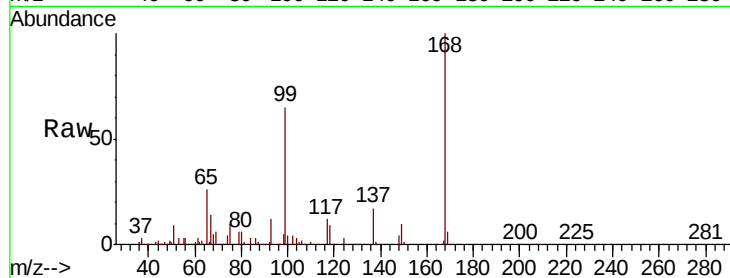
SU-02-092418-B

Tot Ion:168 Resp: 336486

Ion Ratio Lower Upper

168 100

99 64.8 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

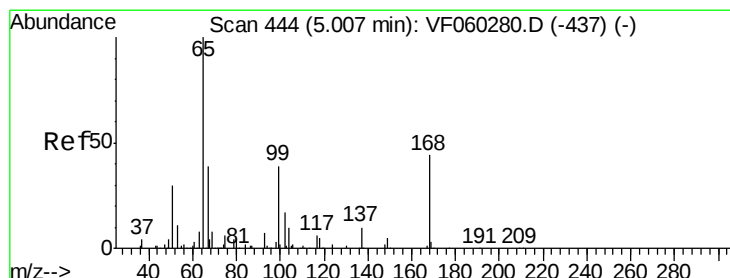
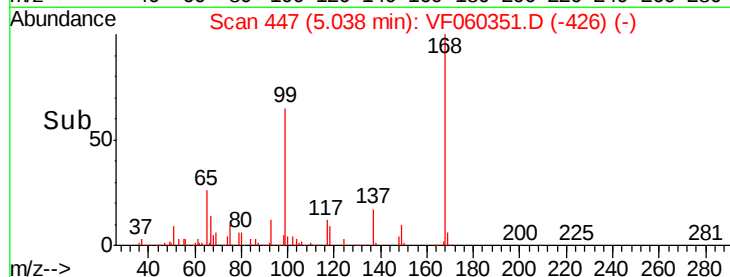
5.04

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.609 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060351.D

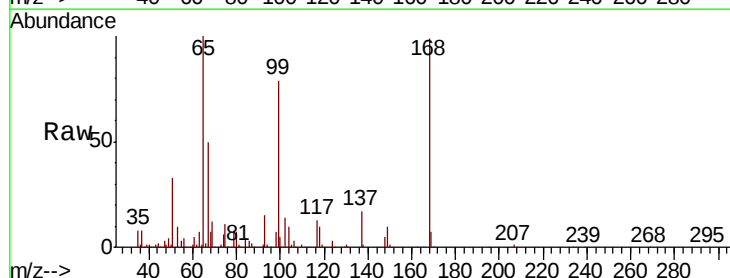
Acq: 26 Sep 2018 14:57

Tgt Ion: 65 Resp: 211181

Ion Ratio Lower Upper

65 100

67 49.8 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

80000

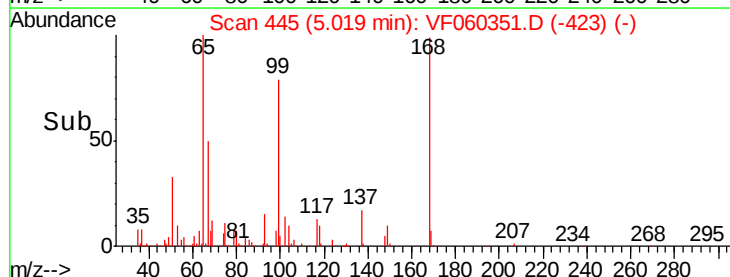
60000

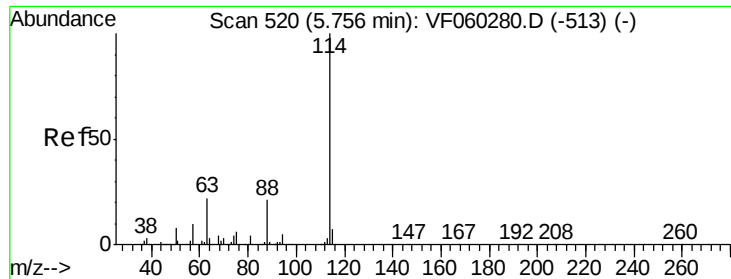
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 520

Delta R.T. 0.00 min

Lab File: VF060351.D

Acq: 26 Sep 2018 14:57

Instrument :

MSVOA_F

ClientSampleId :

SU-02-092418-B

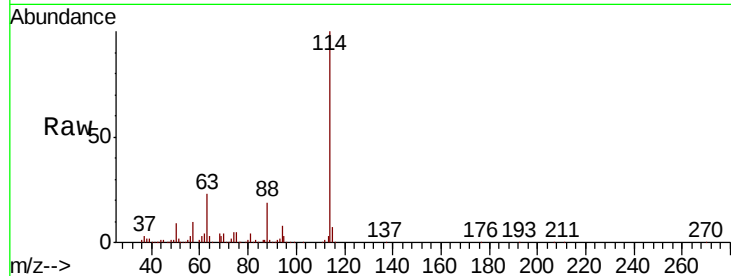
Tot Ion:114 Resp: 542523

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.8

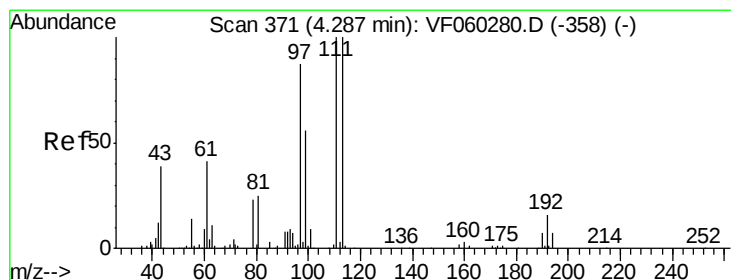
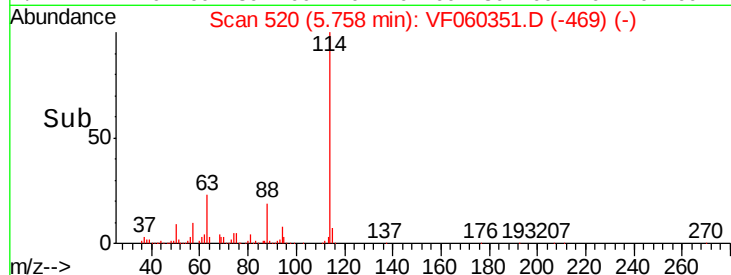
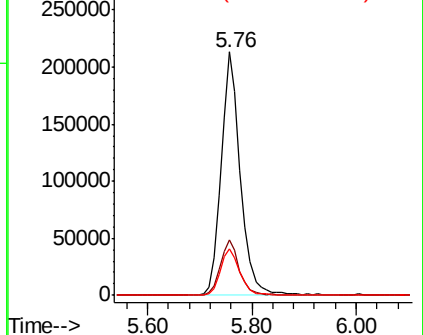
88 19.3 0.0 41.2



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: 48.578 ug/l

RT: 4.29 min Scan# 371

Delta R.T. 0.00 min

Lab File: VF060351.D

Acq: 26 Sep 2018 14:57

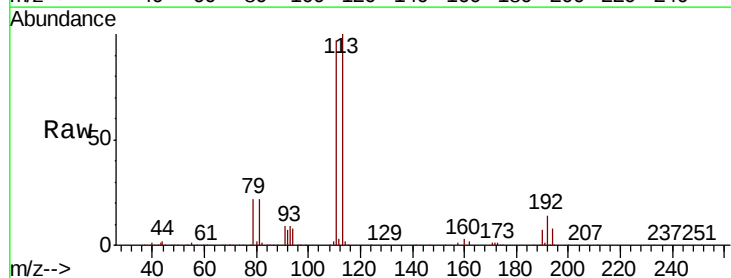
Tgt Ion:113 Resp: 234934

Ion Ratio Lower Upper

113 100

111 96.9 79.6 119.4

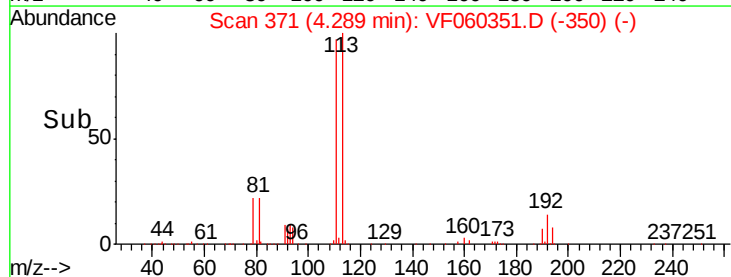
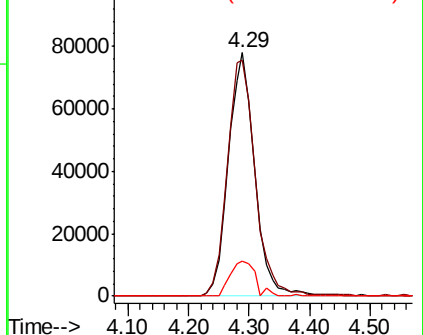
192 14.4 13.0 19.6

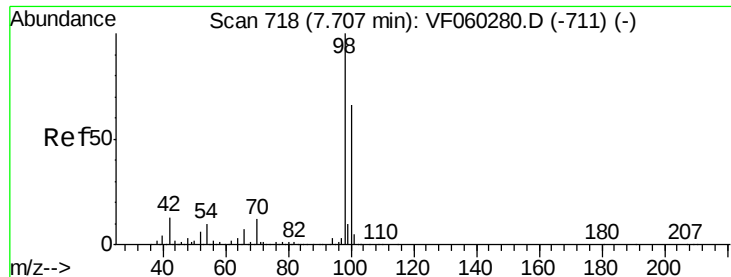


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

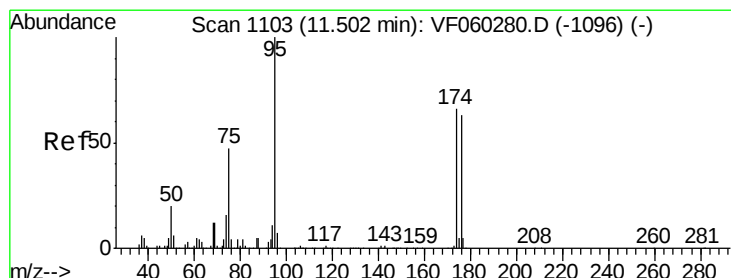
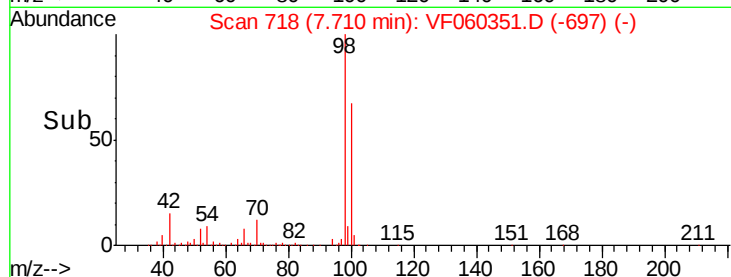
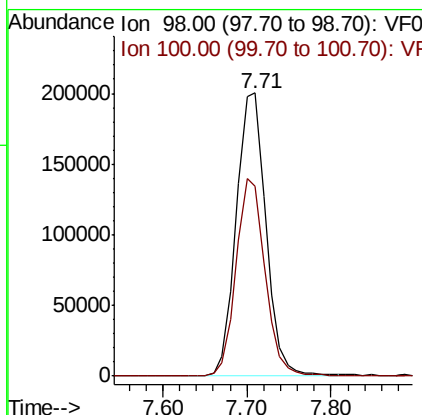
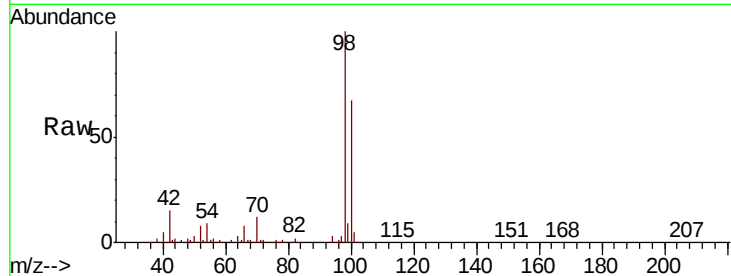




#50
Toluene-d8
Concen: 39.277 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.00 min
Lab File: VF060351.D
Acq: 26 Sep 2018 14:57

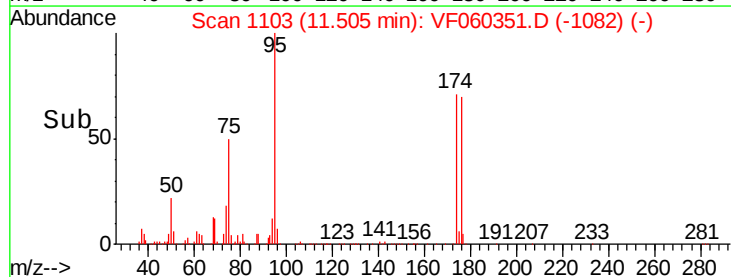
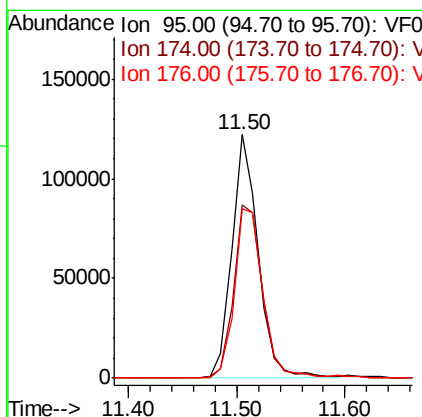
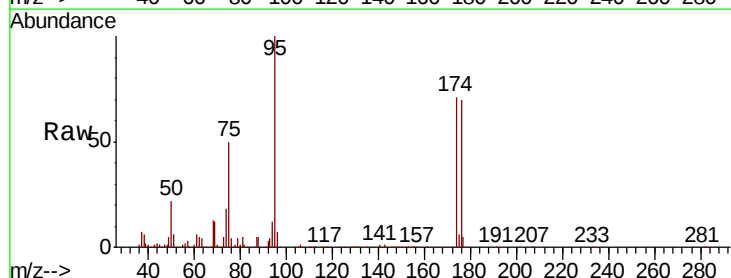
Instrument :
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SU-02-092418-B

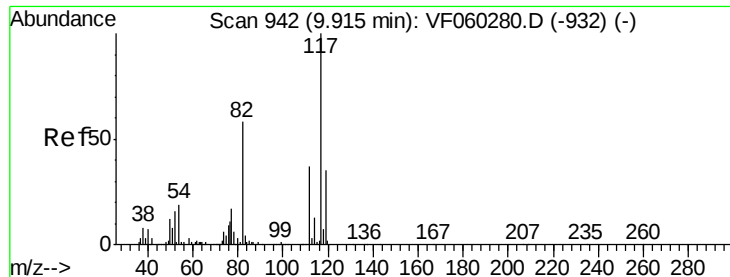
Tot Ion: 98 Resp: 494679
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 38.173 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060351.D
Acq: 26 Sep 2018 14:57

Tgt Ion: 95 Resp: 207824
Ion Ratio Lower Upper
95 100
174 71.2 0.0 131.2
176 69.6 0.0 126.6

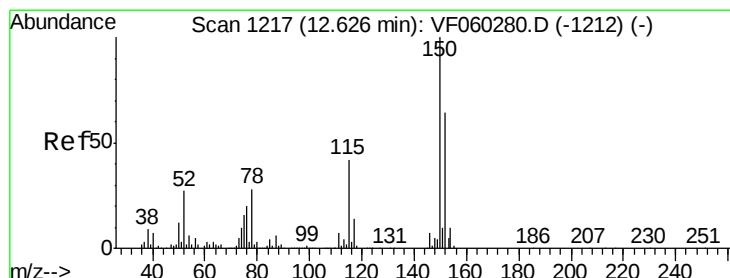
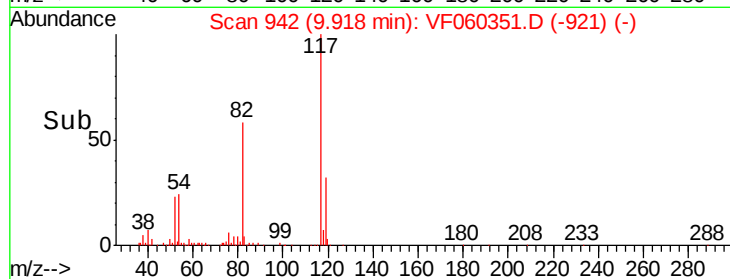
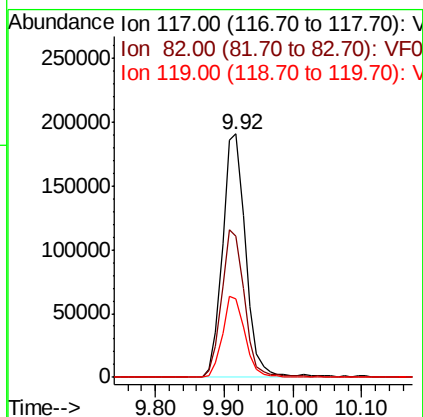
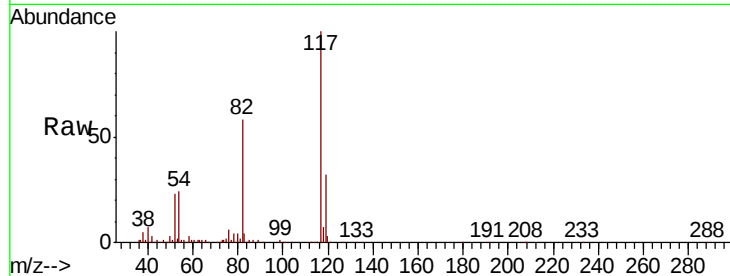




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060351.D
Acq: 26 Sep 2018 14:57

Instrument :
MSVOA_F
ClientSampleId :
SU-02-092418-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.2	69.2
119	32.0	27.8	41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060351.D
Acq: 26 Sep 2018 14:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	32.6	97.8
150	155.5	0.0	314.2

