

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060479.D
 Acq On : 8 Oct 2018 11:53
 Operator : VA/AP
 Sample : VF1008SBL01
 Misc : 5.00/5mL/MSVOA_F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBL01

Quant Time: Oct 09 01:43:26 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	5.01	168	276926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.73	114	444246	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	412423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	234774	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	215644	49.76	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	4.25	113	235303	56.38	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	112.76%	
50) Toluene-d8	7.67	98	514971	50.10	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.48	95	252889	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	

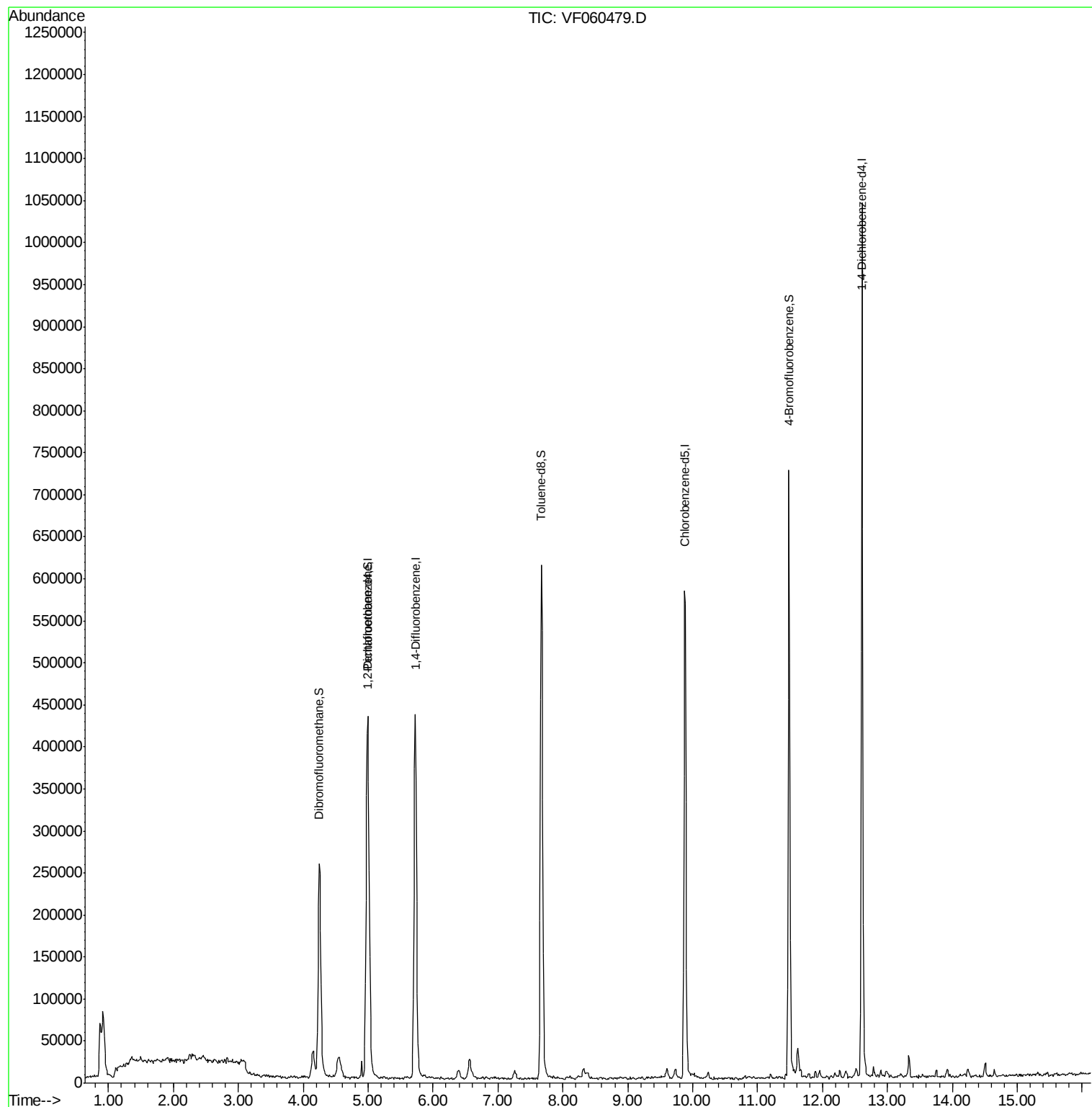
Target Compounds	Qvalue
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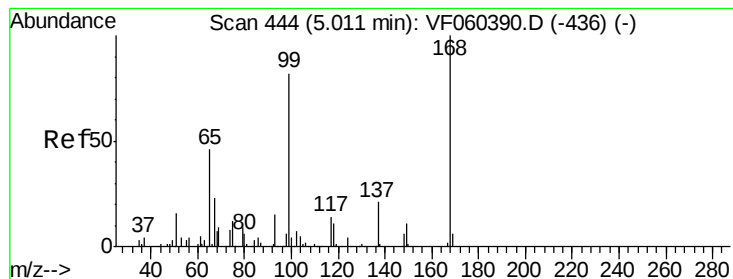
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

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Instrument :

MSVOA_F

ClientSampleId :

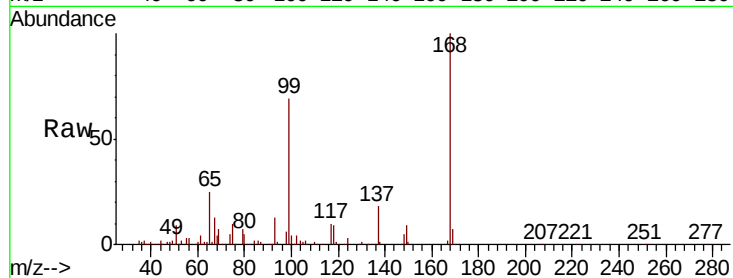
VF1008SBL01

Tgt Ion:168 Resp: 276926

Ion Ratio Lower Upper

168 100

99 69.2 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.01

100000

80000

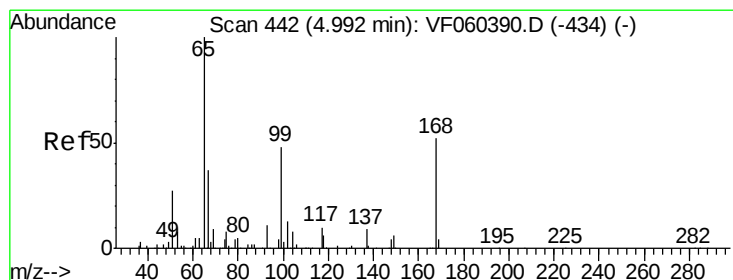
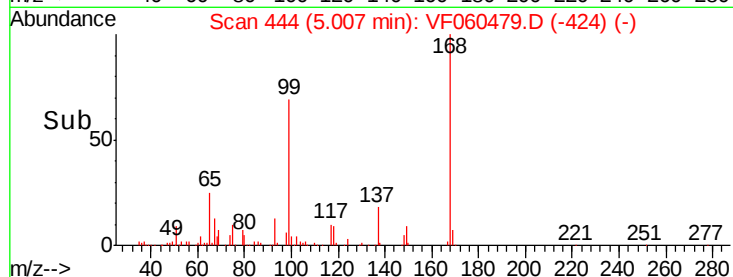
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.765 ug/l

RT: 4.98 min Scan# 441

Delta R.T. -0.01 min

Lab File: VF060479.D

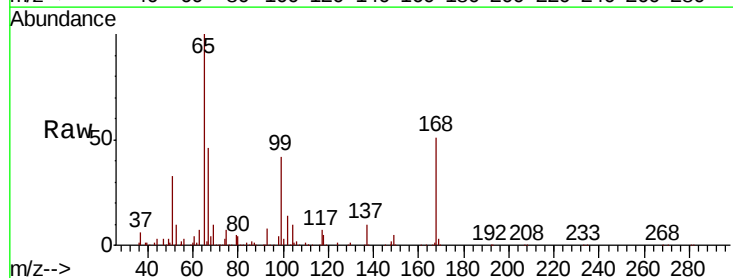
Acq: 8 Oct 2018 11:53

Tgt Ion: 65 Resp: 215644

Ion Ratio Lower Upper

65 100

67 46.2 0.0 89.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.98

80000

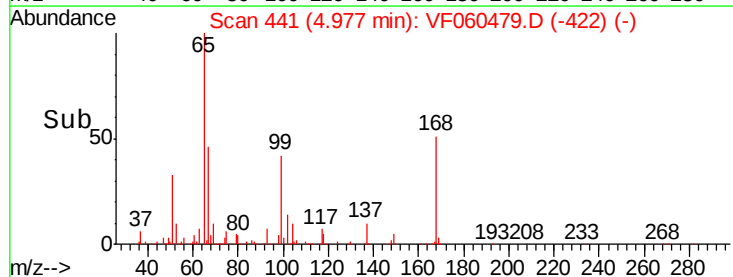
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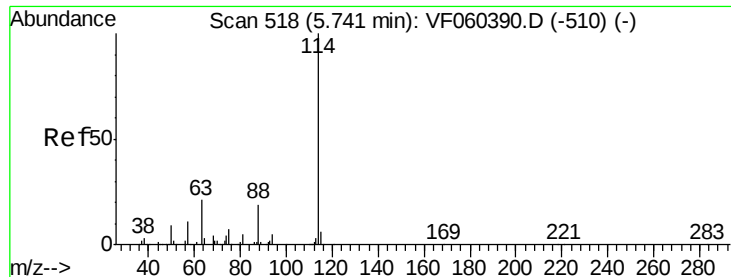
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.73 min Scan# 517

Delta R.T. -0.01 min

Lab File: VF060479.D

Acq: 8 Oct 2018 11:53

Instrument :

MSVOA_F

ClientSampleId :

VF1008SBL01

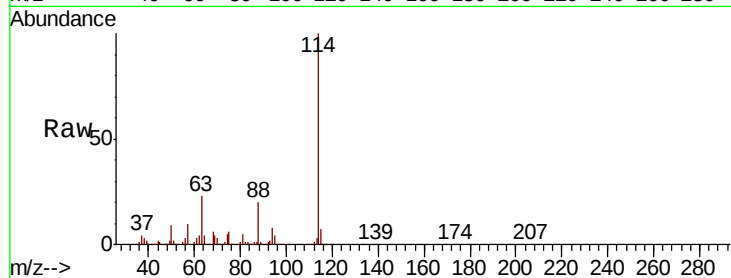
Tgt Ion:114 Resp: 444246

Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.2

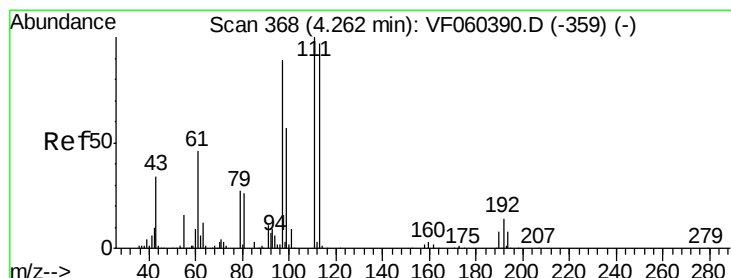
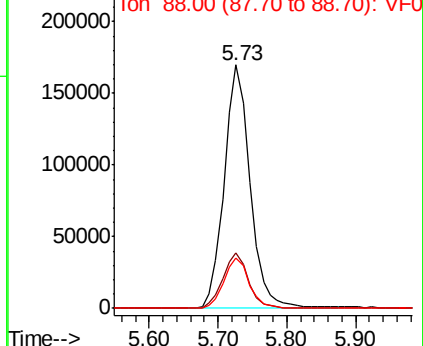
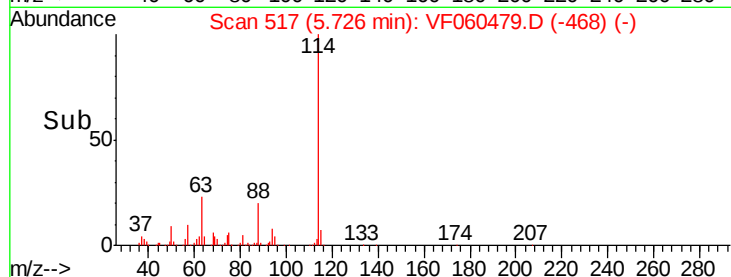
88 20.4 0.0 38.8



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: 56.381 ug/l

RT: 4.25 min Scan# 367

Delta R.T. -0.01 min

Lab File: VF060479.D

Acq: 8 Oct 2018 11:53

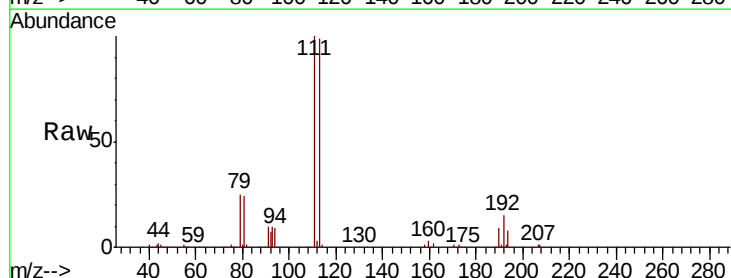
Tgt Ion:113 Resp: 235303

Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

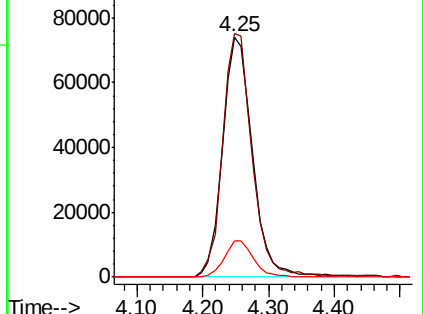
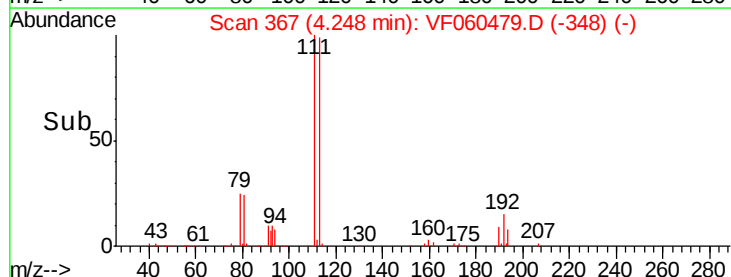
192 15.0 11.8 17.6

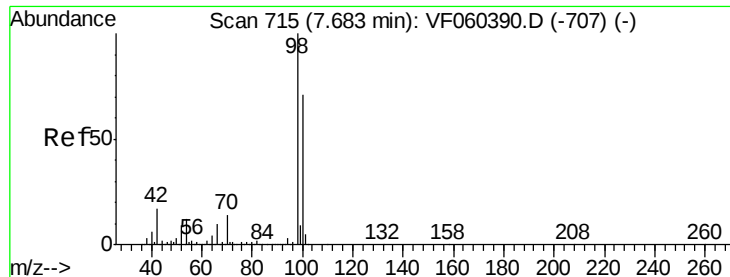


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

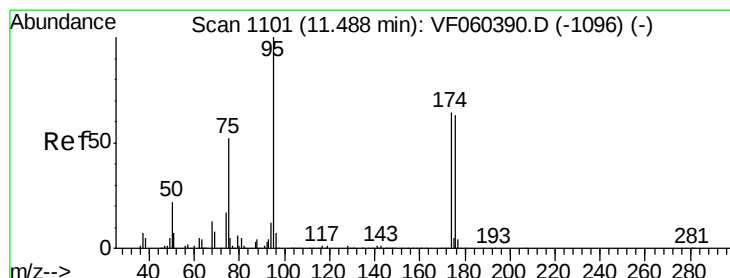
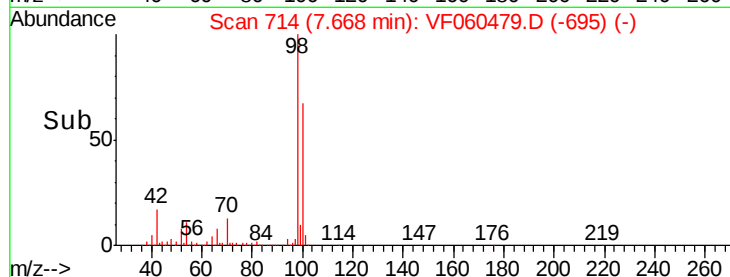
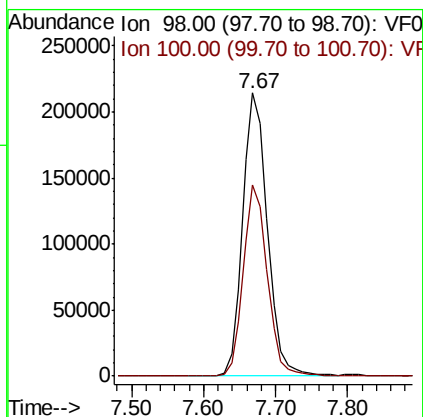
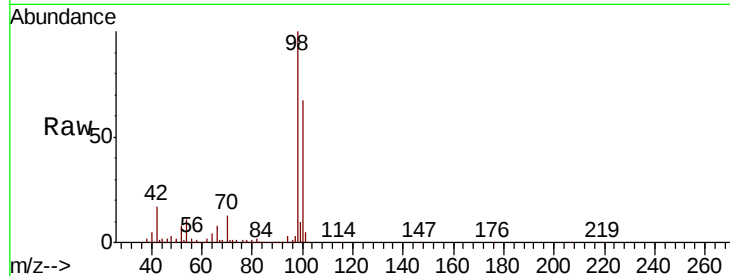




#50
Toluene-d8
Concen: 50.103 ug/l
RT: 7.67 min Scan# 714
Delta R.T. -0.01 min
Lab File: VF060479.D
Acq: 8 Oct 2018 11:53

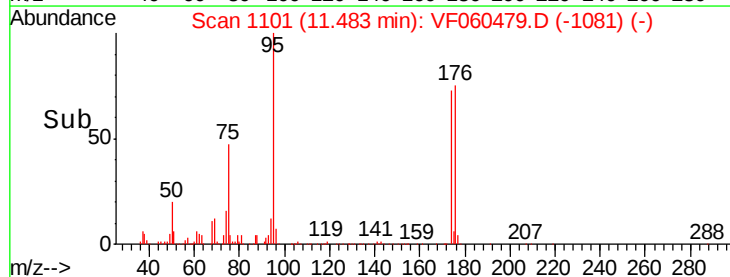
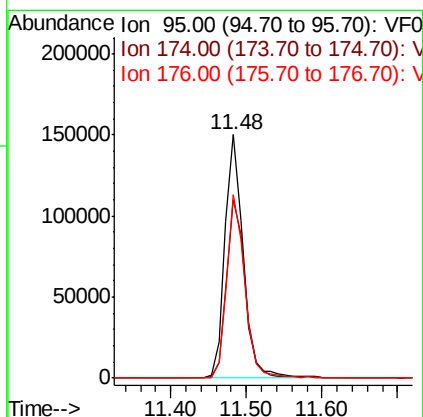
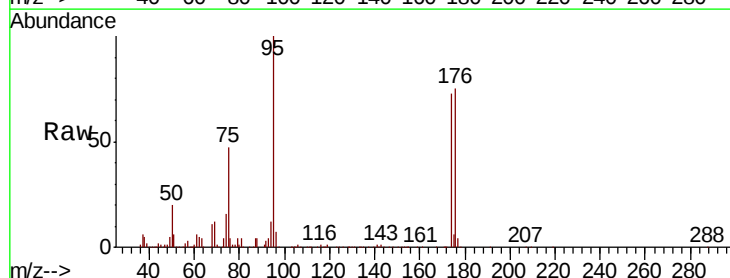
Instrument :
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VF1008SBL01

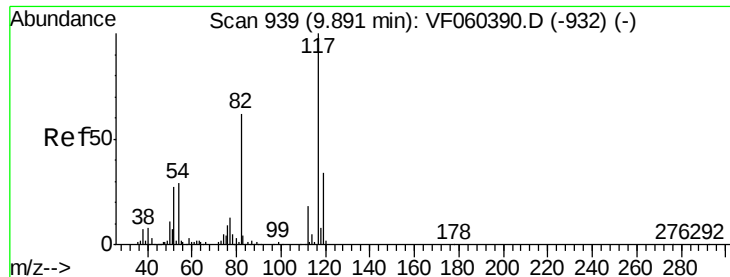
Tgt Ion: 98 Resp: 514971
Ion Ratio Lower Upper
98 100
100 67.4 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 53.886 ug/l
RT: 11.48 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VF060479.D
Acq: 8 Oct 2018 11:53

Tgt Ion: 95 Resp: 252889
Ion Ratio Lower Upper
95 100
174 73.3 0.0 129.0
176 75.1 0.0 125.6

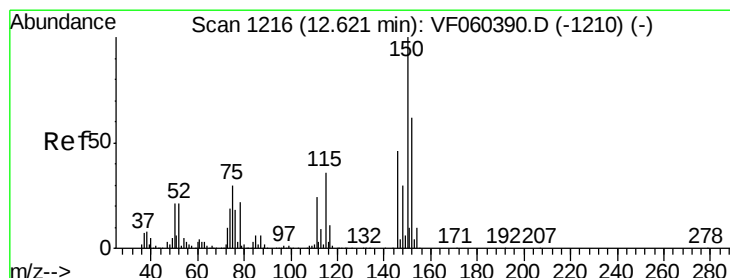
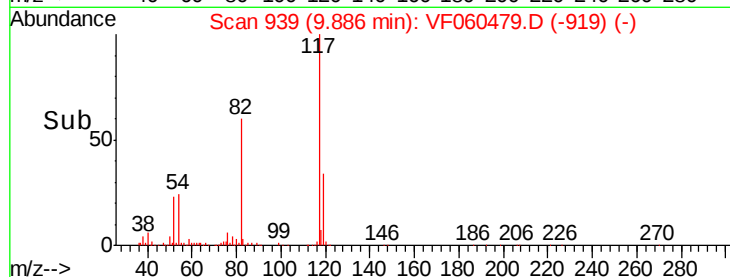
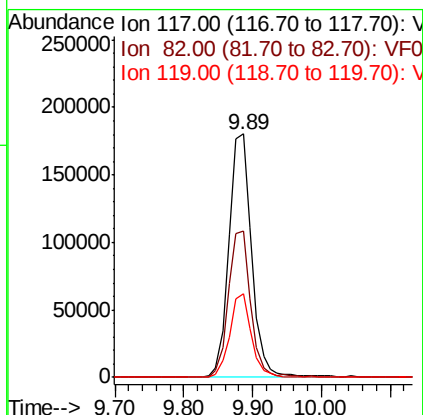
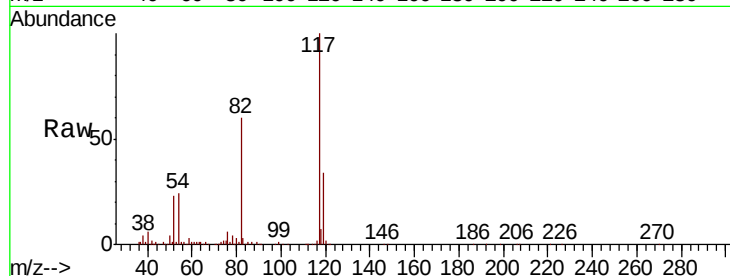




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 939
Delta R.T. -0.00 min
Lab File: VF060479.D
Acq: 8 Oct 2018 11:53

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBL01

Tgt Ion:117 Resp: 412423
Ion Ratio Lower Upper
117 100
82 60.3 49.5 74.3
119 34.2 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1215
Delta R.T. -0.01 min
Lab File: VF060479.D
Acq: 8 Oct 2018 11:53

Tgt Ion:152 Resp: 234774
Ion Ratio Lower Upper
152 100
115 63.2 28.6 85.8
150 151.6 0.0 324.6

