

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060485.D
 Acq On : 8 Oct 2018 15:34
 Operator : VA/AP
 Sample : J5084-11RE
 Misc : 6.00/5mL/MSVOA_F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-2(13-13.5)RE

Quant Time: Oct 09 02:05:55 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	5.00	168	350283	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.72	114	563485	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.88	117	516530	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	269293	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	177999	32.47	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	64.94%	
35) Dibromofluoromethane	4.25	113	190146	35.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	71.84%	
50) Toluene-d8	7.67	98	422603	32.42	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	64.84%	
62) 4-Bromofluorobenzene	11.49	95	199416	33.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.00%	

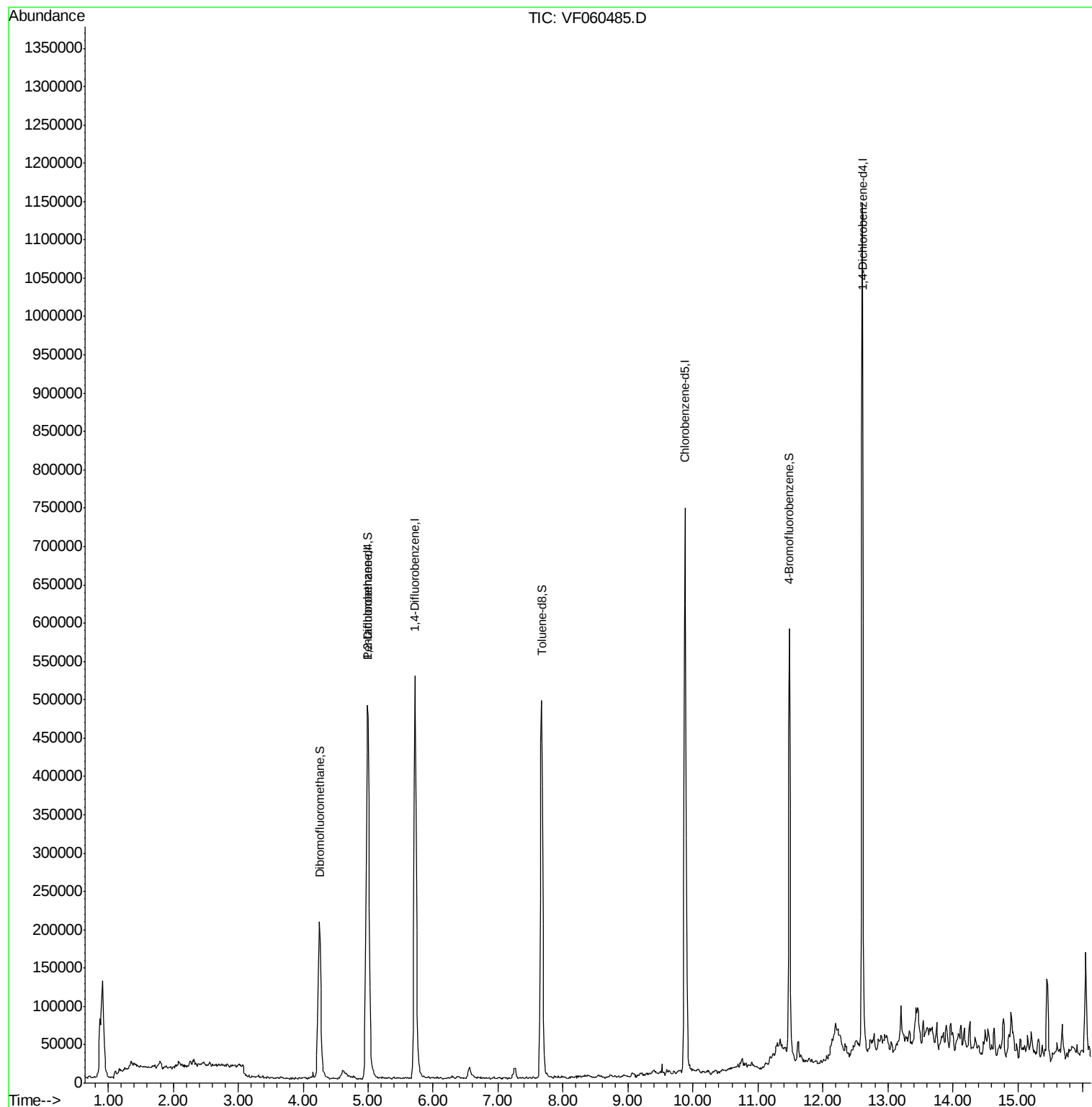
Target Compounds	Qvalue
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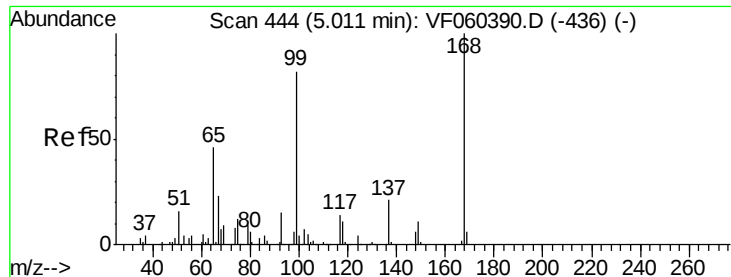
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.01 min

Lab File: VF060485.D

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MSVOA_F

ClientSampleId :

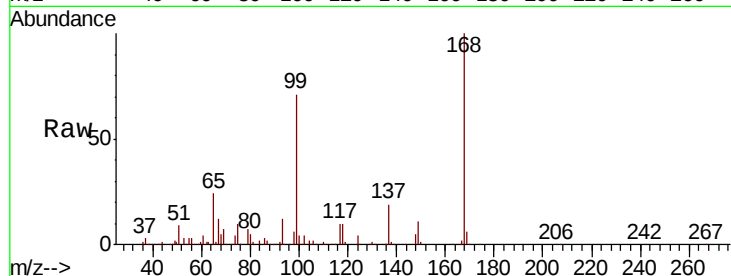
B-2(13-13.5)RE

Tgt Ion:168 Resp: 350283

Ion Ratio Lower Upper

168 100

99 70.9 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.00

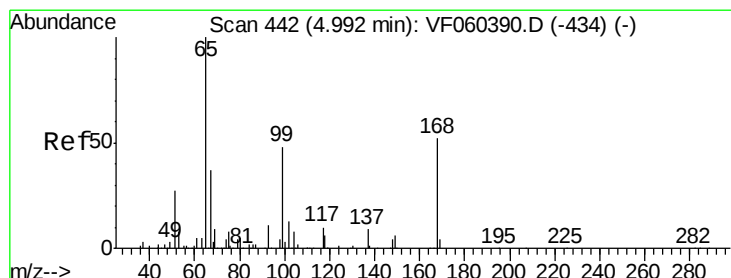
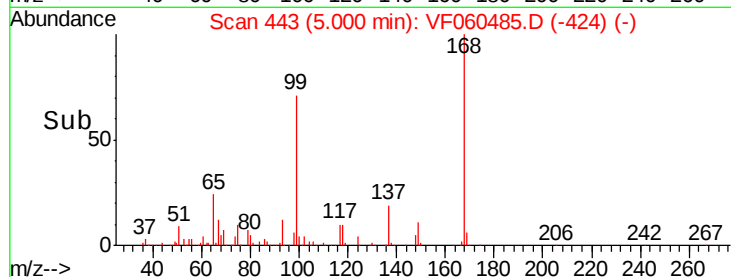
100000

50000

0

Time-->

4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 32.475 ug/l

RT: 4.98 min Scan# 441

Delta R.T. -0.01 min

Lab File: VF060485.D

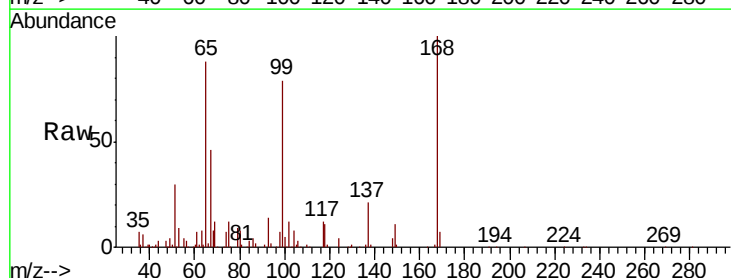
Acq: 8 Oct 2018 15:34

Tgt Ion: 65 Resp: 177999

Ion Ratio Lower Upper

65 100

67 52.3 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

60000

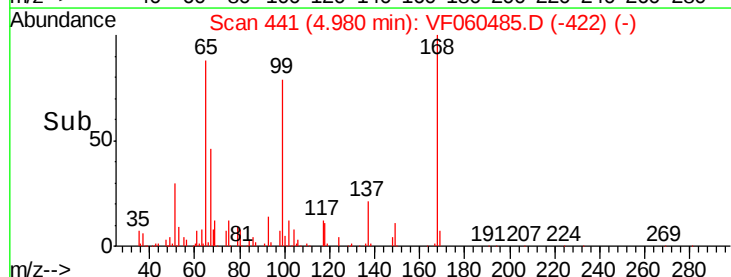
40000

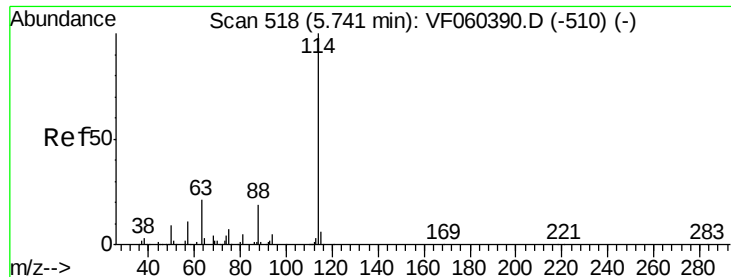
20000

0

Time-->

4.80 4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.72 min Scan# 516

Delta R.T. -0.02 min

Lab File: VF060485.D

Acq: 8 Oct 2018 15:34

Instrument :

MSVOA_F

ClientSampleId :

B-2(13-13.5)RE

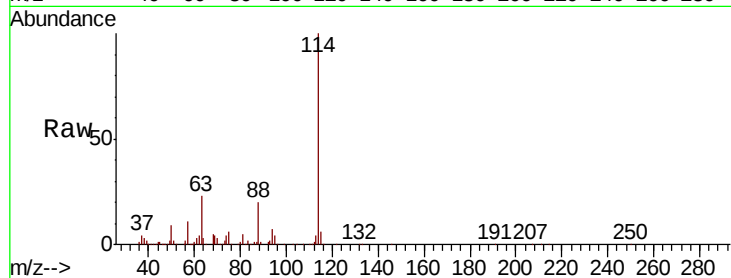
Tgt Ion:114 Resp: 563485

Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.2

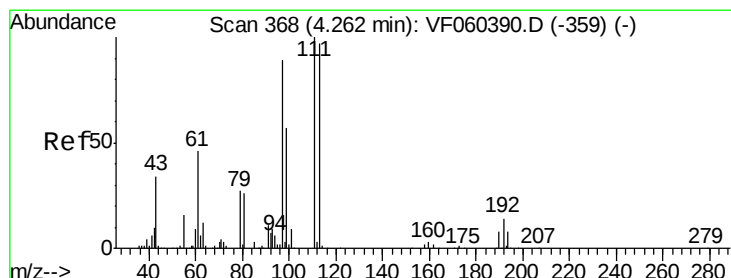
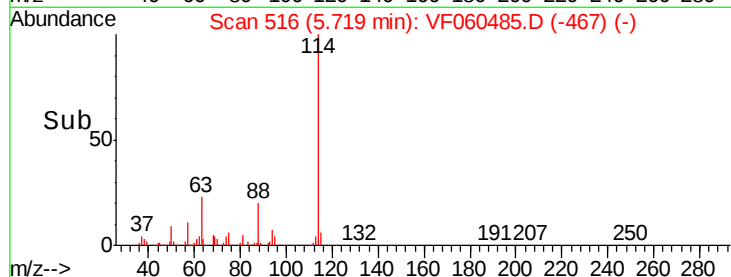
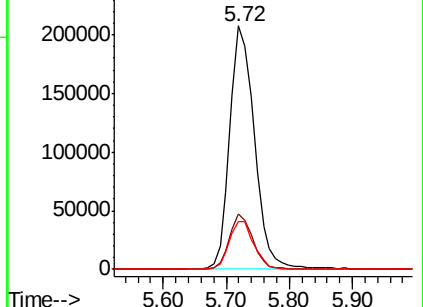
88 19.8 0.0 38.8



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: 35.920 ug/l

RT: 4.25 min Scan# 367

Delta R.T. -0.01 min

Lab File: VF060485.D

Acq: 8 Oct 2018 15:34

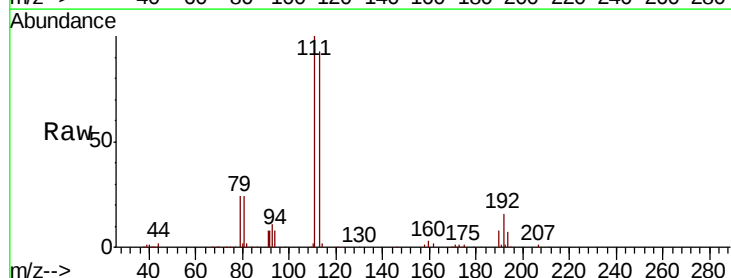
Tgt Ion:113 Resp: 190146

Ion Ratio Lower Upper

113 100

111 107.6 82.3 123.5

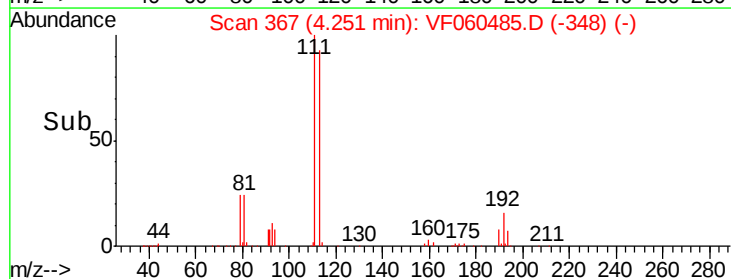
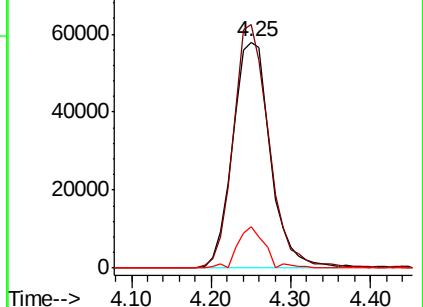
192 18.2 11.8 17.6#

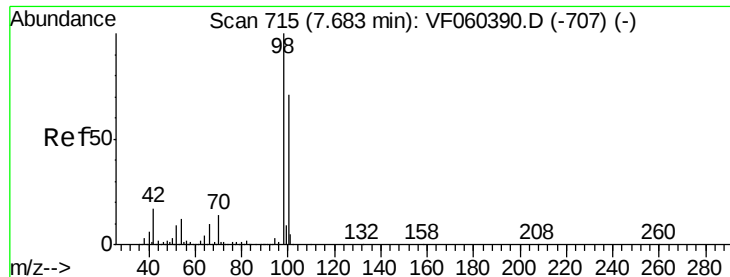


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

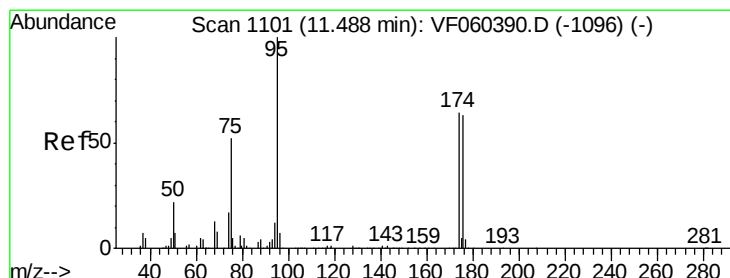
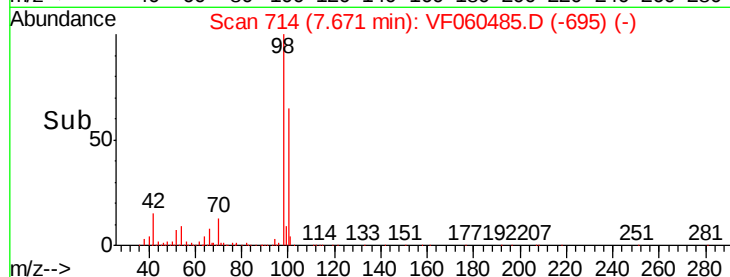
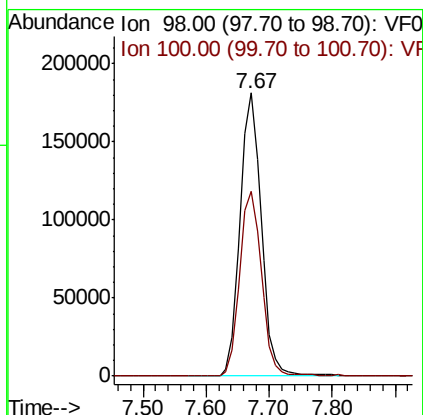
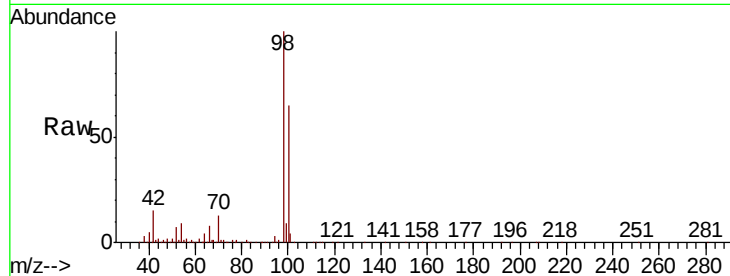




#50
Toluene-d8
Concen: 32.416 ug/l
RT: 7.67 min Scan# 714
Delta R.T. -0.01 min
Lab File: VF060485.D
Acq: 8 Oct 2018 15:34

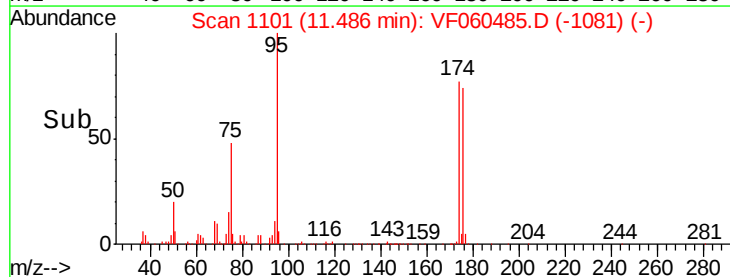
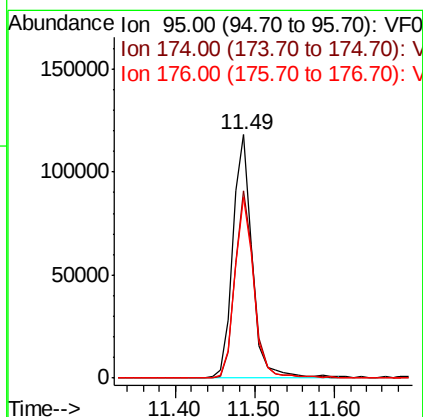
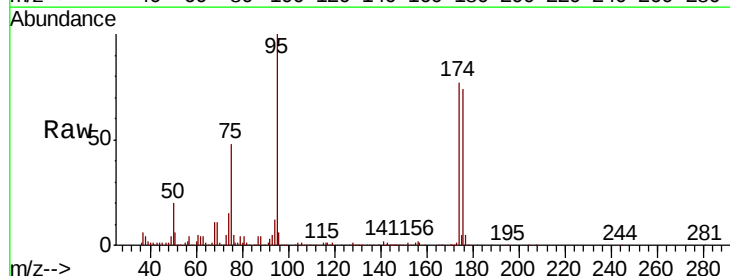
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B-2(13-13.5)RE

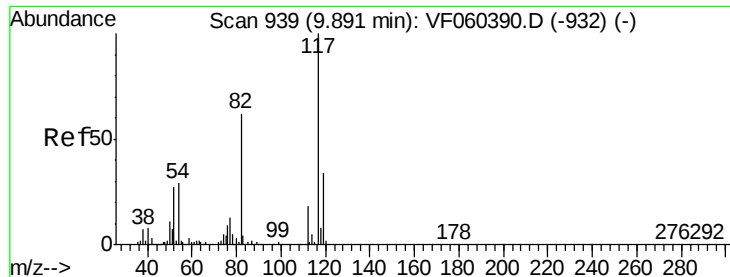
Tgt Ion: 98 Resp: 422603
Ion Ratio Lower Upper
98 100
100 65.4 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 33.500 ug/l
RT: 11.49 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VF060485.D
Acq: 8 Oct 2018 15:34

Tgt Ion: 95 Resp: 199416
Ion Ratio Lower Upper
95 100
174 76.7 0.0 129.0
176 74.1 0.0 125.6

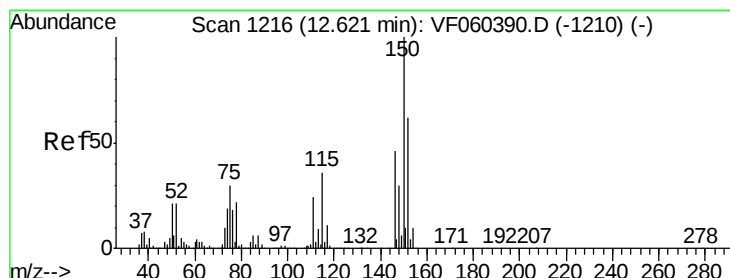
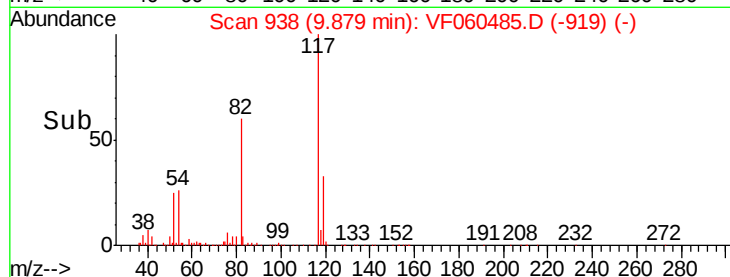
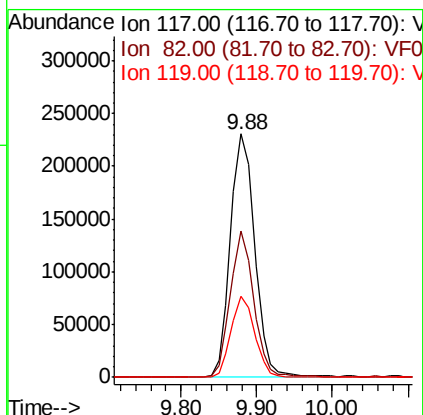
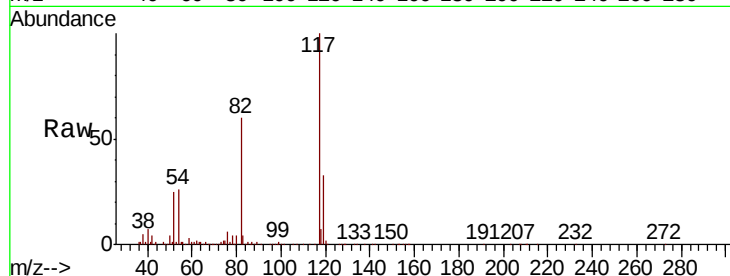




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.88 min Scan# 938
Delta R.T. -0.01 min
Lab File: VF060485.D
Acq: 8 Oct 2018 15:34

Instrument :
MSVOA_F
ClientSampleId :
B-2(13-13.5)RE

Tgt Ion:117 Resp: 516530
Ion Ratio Lower Upper
117 100
82 60.1 49.5 74.3
119 33.2 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: VF060485.D
Acq: 8 Oct 2018 15:34

Tgt Ion:152 Resp: 269293
Ion Ratio Lower Upper
152 100
115 61.3 28.6 85.8
150 152.1 0.0 324.6

