

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060644.D
 Acq On : 7 Nov 2018 22:39
 Operator : VA/AP
 Sample : J5839-15RE
 Misc : 5.8g/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-7-DRE

Quant Time: Nov 08 16:27:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	271415	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.60	114	455301	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	421795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	240996	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	120174	43.82	ug/l	0.00
Spiked Amount						
			Recovery	=	87.64%	
35) Dibromofluoromethane	4.12	113	146002	41.51	ug/l	0.01
Spiked Amount						
			Recovery	=	83.02%	
50) Toluene-d8	7.56	98	342874	32.90	ug/l	0.00
Spiked Amount						
			Recovery	=	65.80%	
62) 4-Bromofluorobenzene	11.42	95	175443	38.49	ug/l	0.00
Spiked Amount						
			Recovery	=	76.98%	

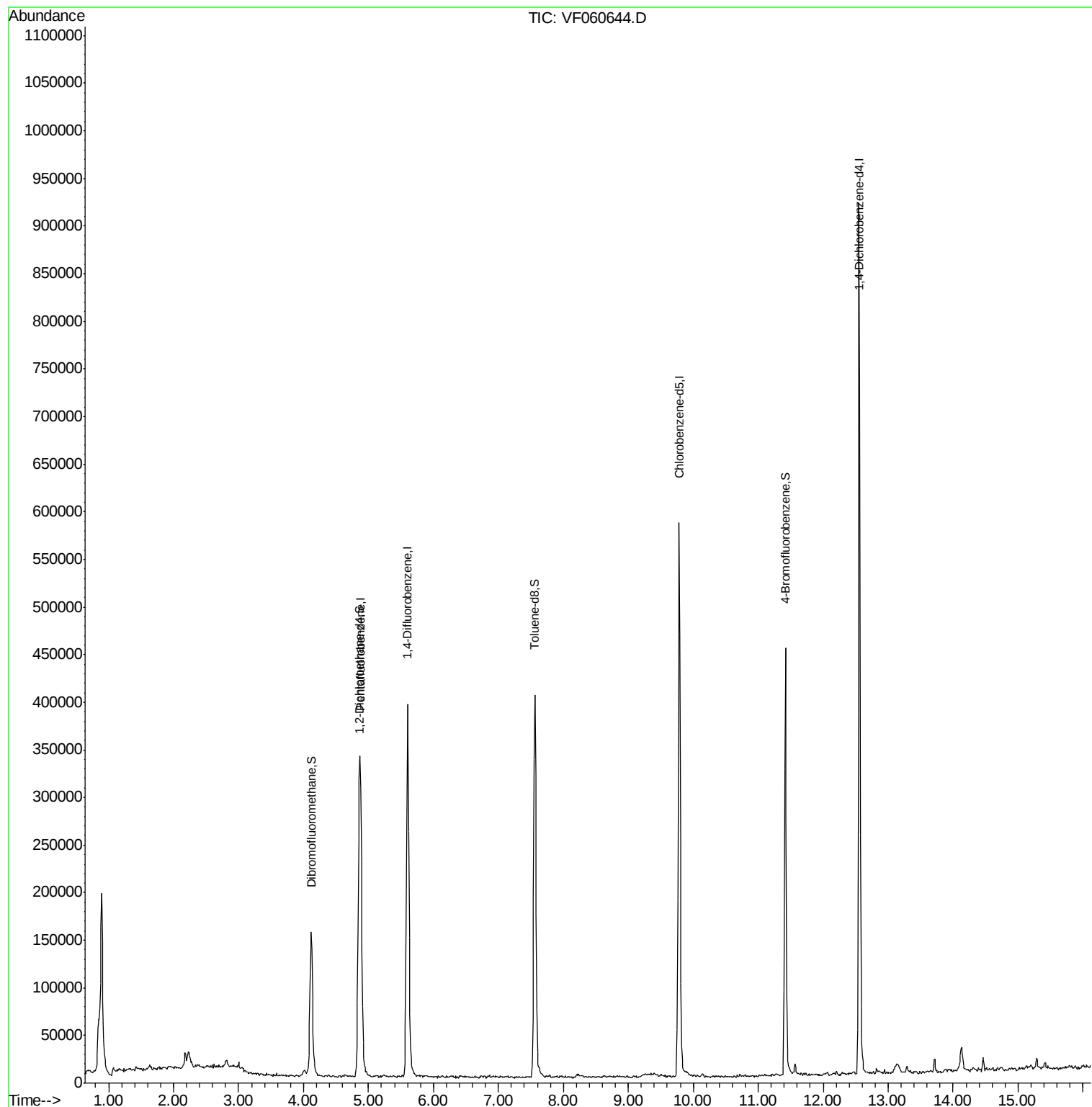
Target Compounds	Qvalue

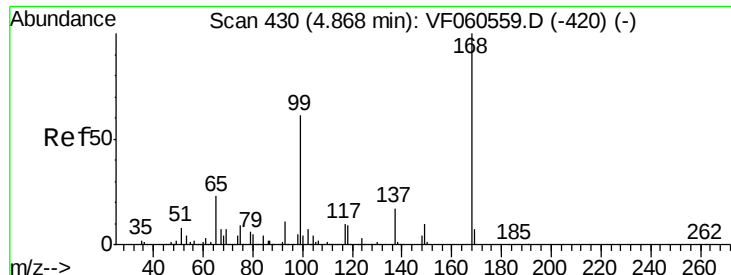
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060644.D

Acq: 7 Nov 2018 22:39

Instrument :

MSVOA_F

ClientSampleId :

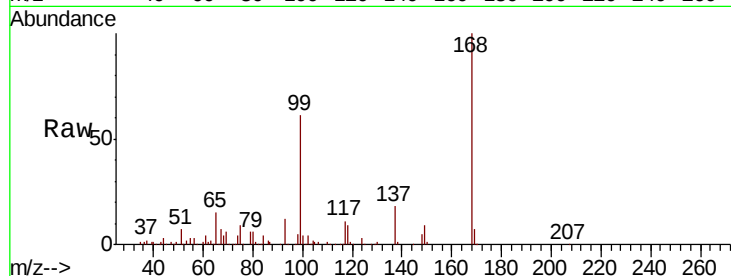
SB-7-DRE

Tot Ion:168 Resp: 271415

Ion Ratio Lower Upper

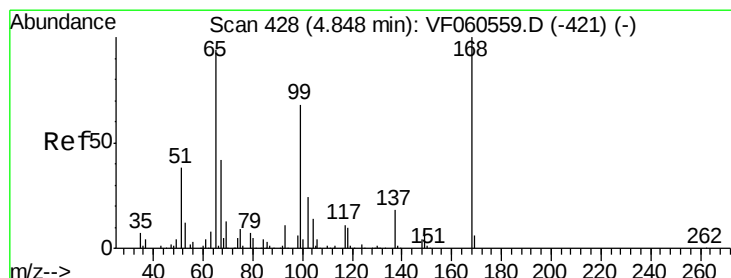
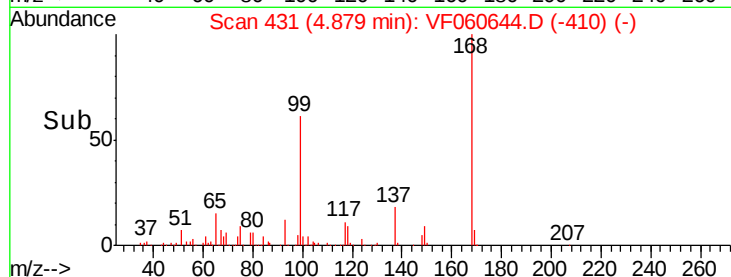
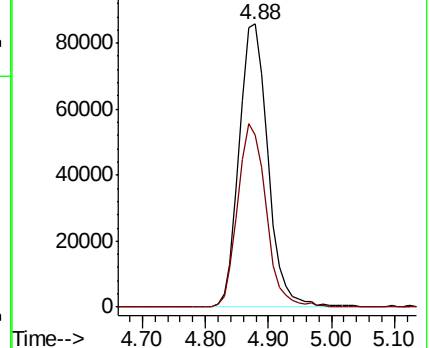
168 100

99 60.9 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 43.822 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.00 min

Lab File: VF060644.D

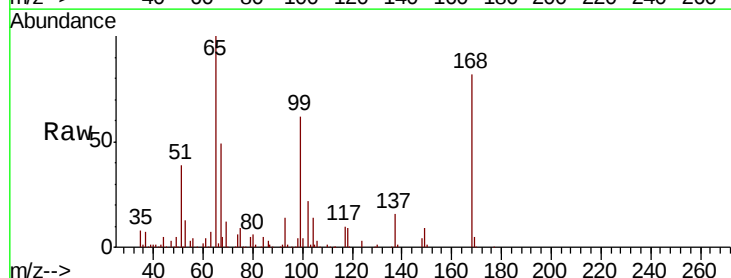
Acq: 7 Nov 2018 22:39

Tgt Ion: 65 Resp: 120174

Ion Ratio Lower Upper

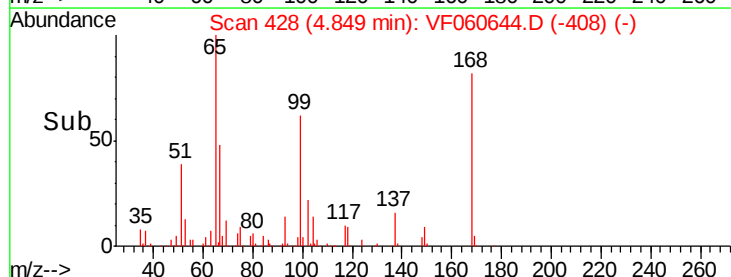
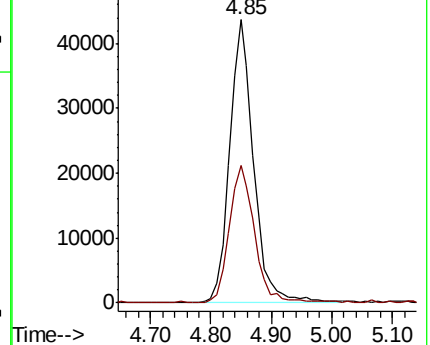
65 100

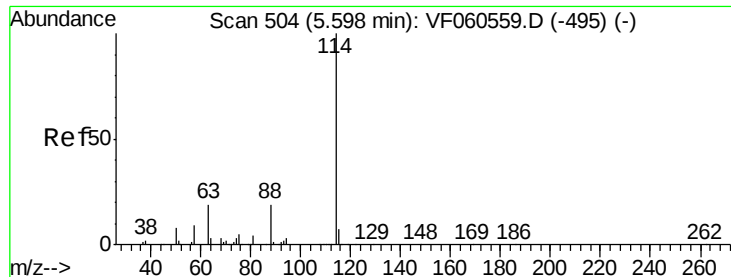
67 48.7 0.0 101.8



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: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF060644.D

Acq: 7 Nov 2018 22:39

Instrument :

MSVOA_F

ClientSampleId :

SB-7-DRE

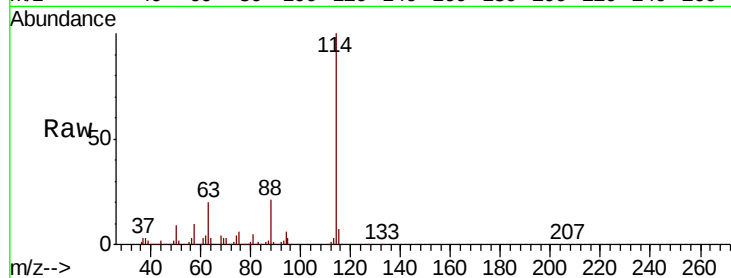
Tot Ion:114 Resp: 455301

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

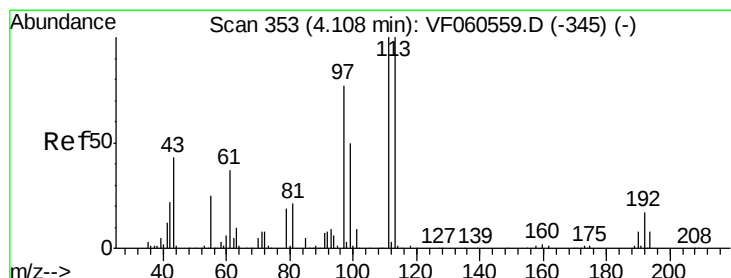
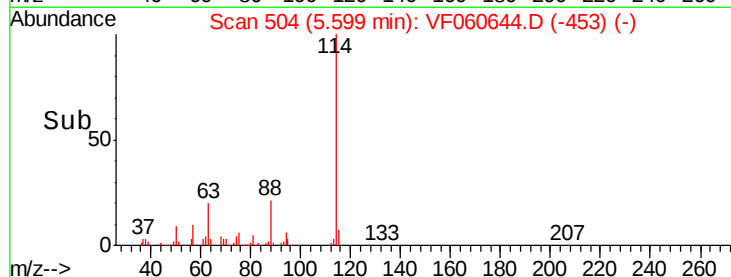
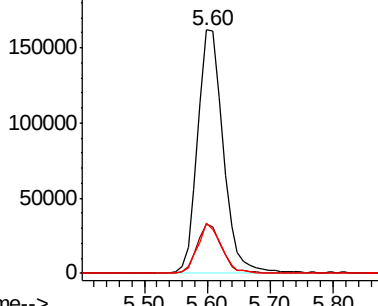
88 20.5 0.0 38.2



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: 41.506 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF060644.D

Acq: 7 Nov 2018 22:39

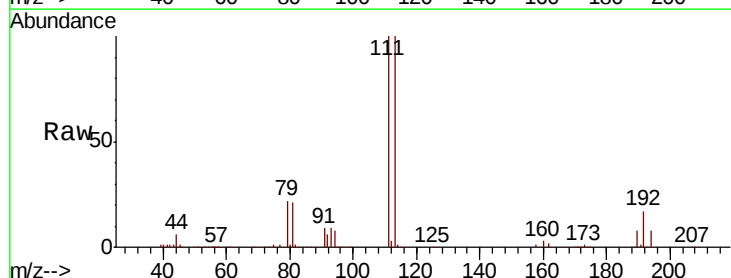
Tgt Ion:113 Resp: 146002

Ion Ratio Lower Upper

113 100

111 99.9 79.9 119.9

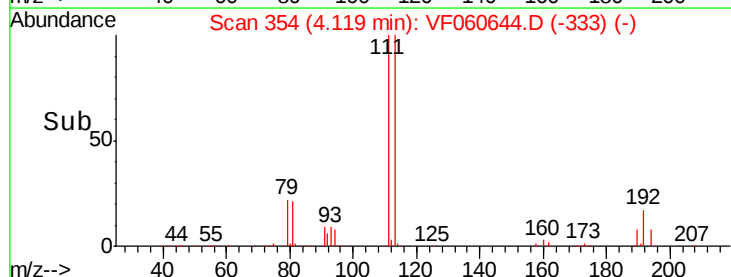
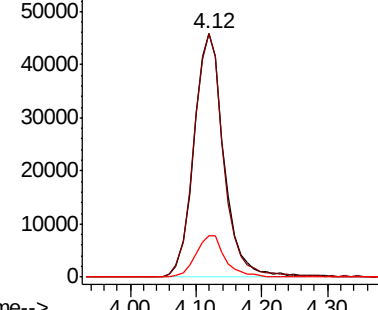
192 17.0 13.3 19.9



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

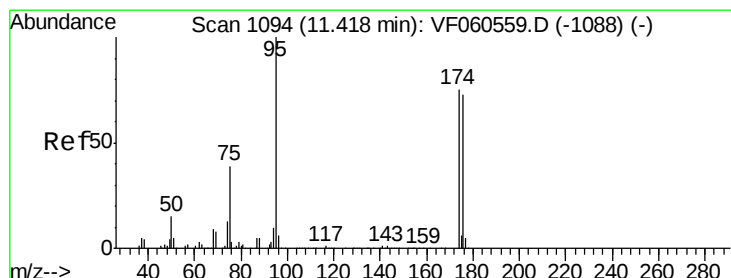
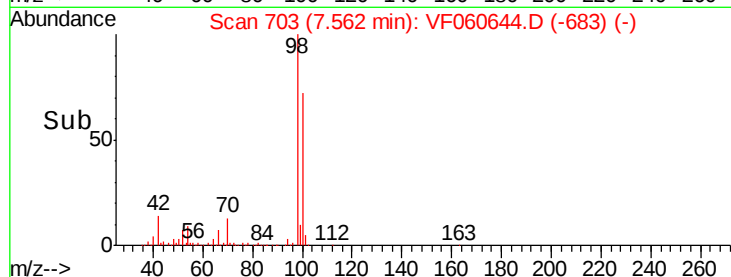
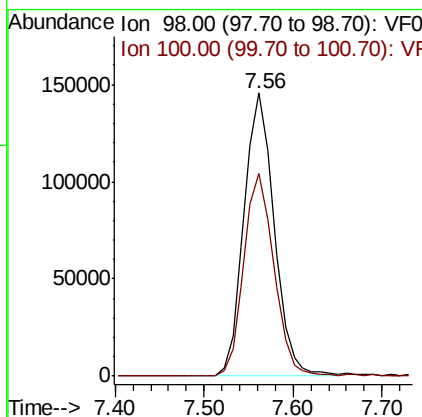
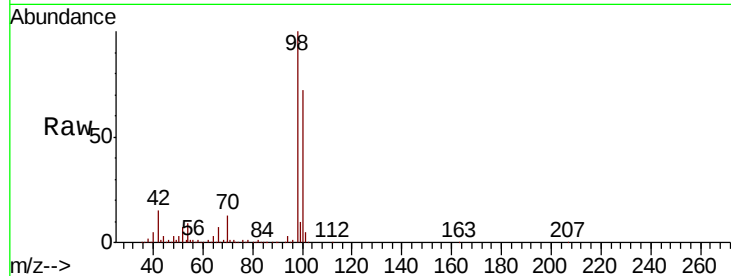




#50
Toluene-d8
Concen: 32.904 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060644.D
Acq: 7 Nov 2018 22:39

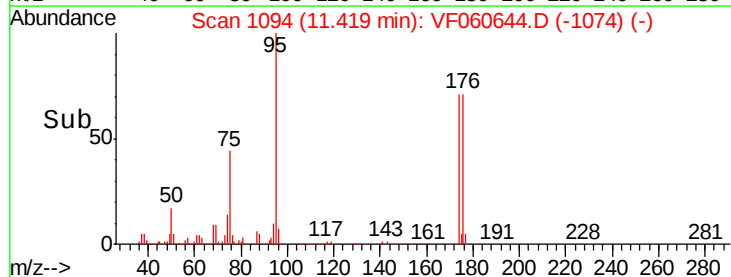
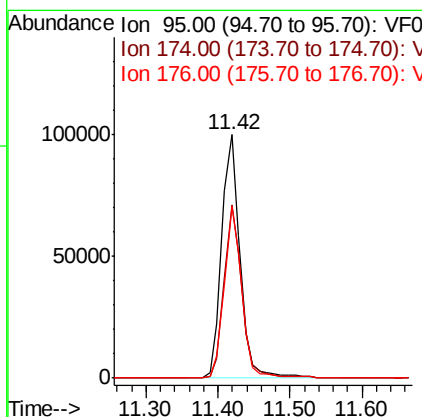
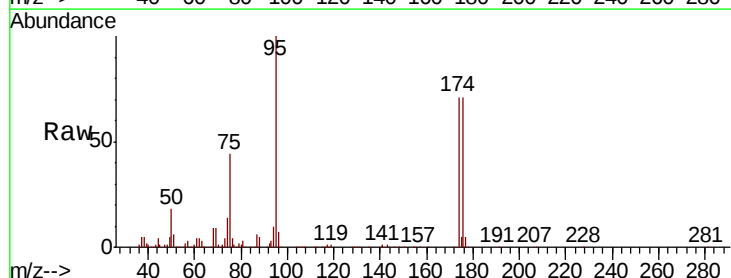
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SB-7-DRE

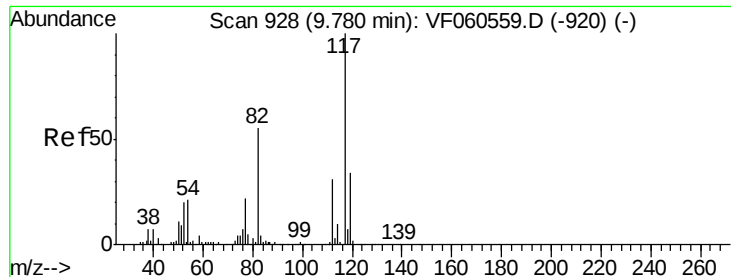
Tot Ion: 98 Resp: 342874
Ion Ratio Lower Upper
98 100
100 71.6 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 38.491 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060644.D
Acq: 7 Nov 2018 22:39

Tgt Ion: 95 Resp: 175443
Ion Ratio Lower Upper
95 100
174 70.9 0.0 149.0
176 70.5 0.0 145.6

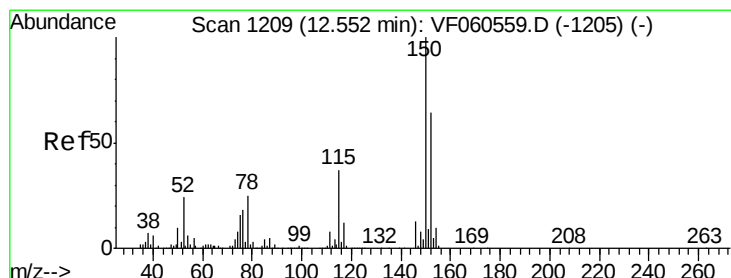
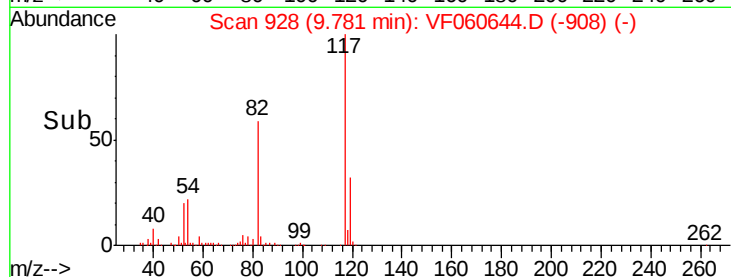
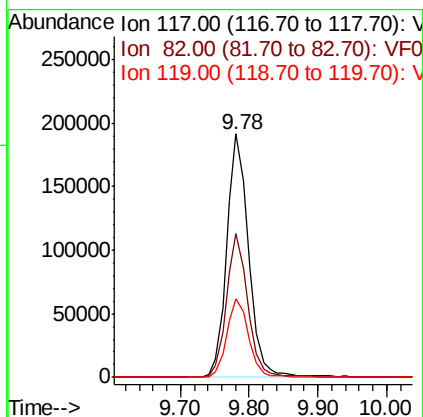
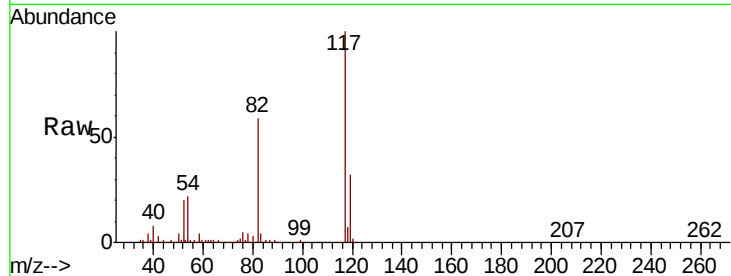




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060644.D
Acq: 7 Nov 2018 22:39

Instrument :
MSVOA_F
ClientSampled :
SB-7-DRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	43.9	65.9
119	32.5	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060644.D
Acq: 7 Nov 2018 22:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.6	88.8
150	152.5	0.0	315.6

