

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100218\
 Data File : VF060403.D
 Acq On : 2 Oct 2018 15:41
 Operator : VA/AP
 Sample : J4777-37RE
 Misc : 5.69/5mL/MSVOA F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-092718-CRE

Quant Time: Oct 02 16:51:51 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

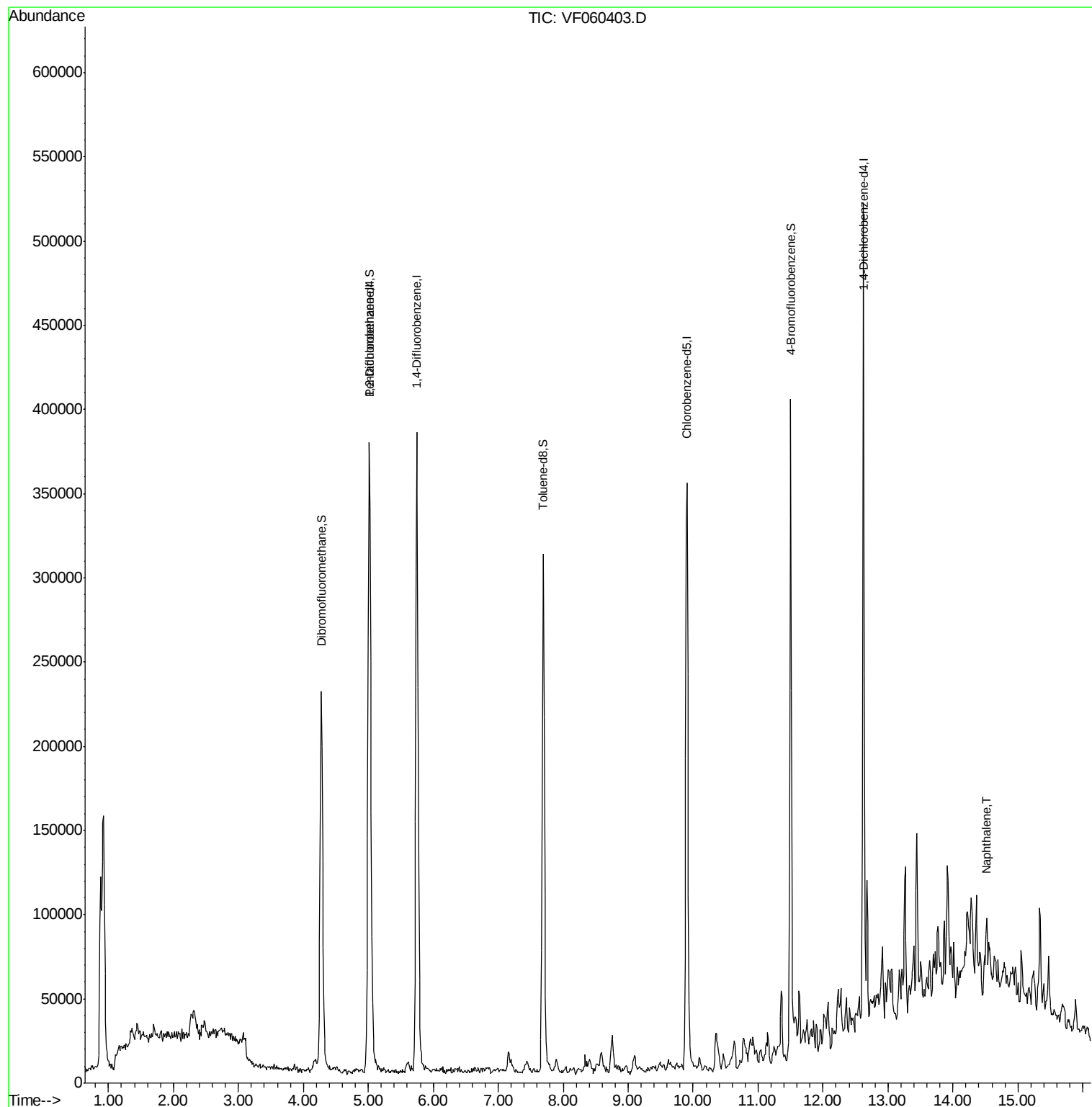
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	238861	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.75	114	402620	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	244426	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	126024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	191656	51.28	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.56%	
35) Dibromofluoromethane	4.28	113	214572	56.73	ug/l	0.02
Spiked Amount 50.000			Recovery	=	113.46%	
50) Toluene-d8	7.70	98	268216	28.79	ug/l	0.02
Spiked Amount 50.000			Recovery	=	57.58%	
62) 4-Bromofluorobenzene	11.50	95	145743	34.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	68.54%	
Target Compounds						
95) Naphthalene	14.52	128	11648	2.179	ug/l #	Qvalue 90

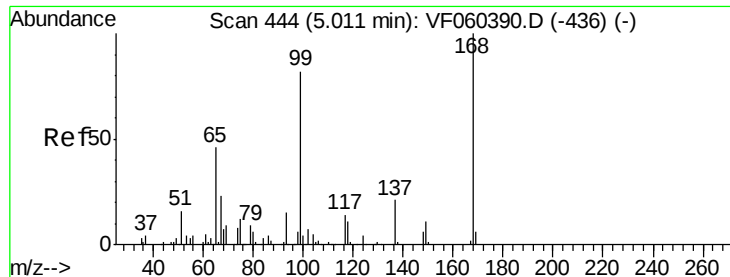
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 11:42:56 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.02 min

Lab File: VF060403.D

Acq: 2 Oct 2018 15:41

Instrument :

MSVOA_F

ClientSampleId :

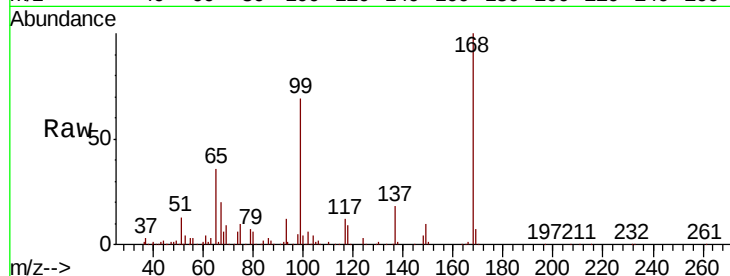
PL-01-092718-CRE

Tot Ion:168 Resp: 238861

Ion Ratio Lower Upper

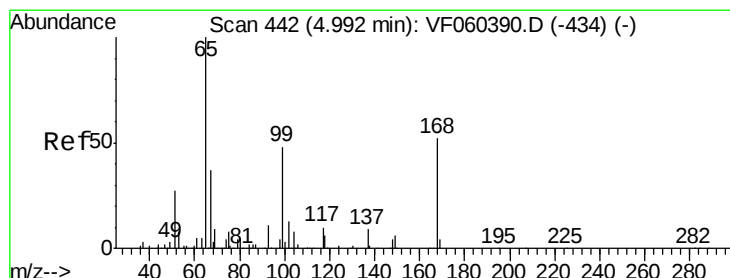
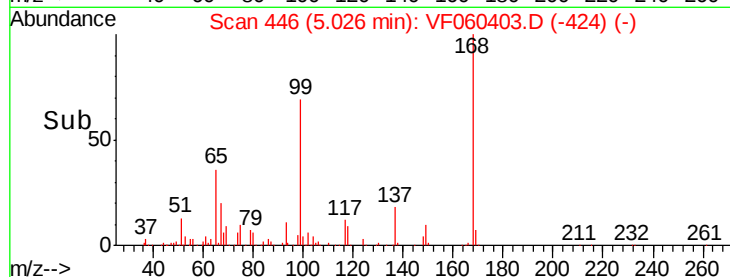
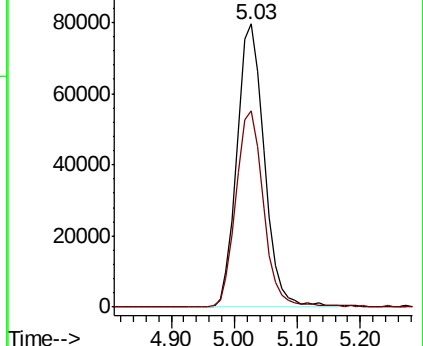
168 100

99 69.3 65.3 97.9



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: 51.278 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.02 min

Lab File: VF060403.D

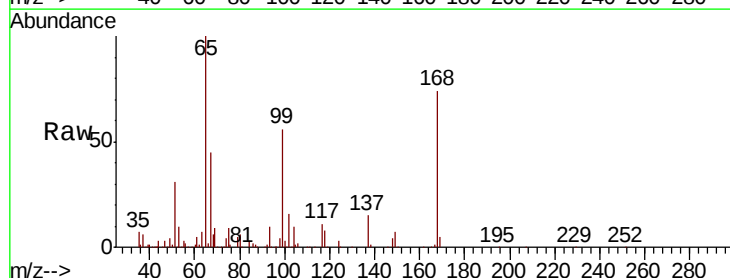
Acq: 2 Oct 2018 15:41

Tgt Ion: 65 Resp: 191656

Ion Ratio Lower Upper

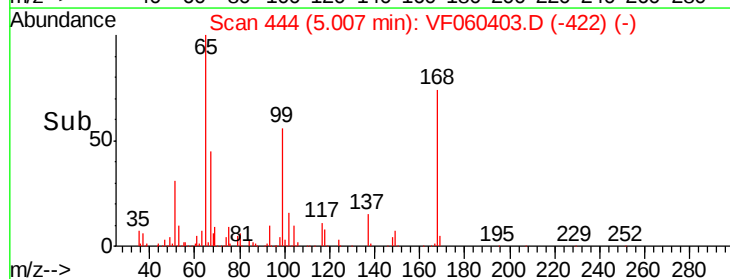
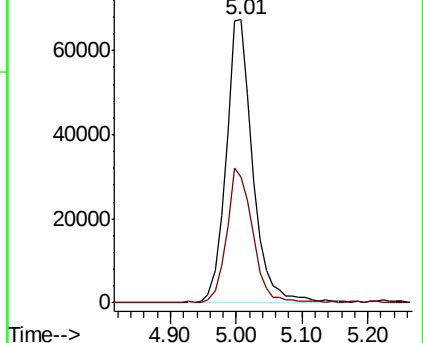
65 100

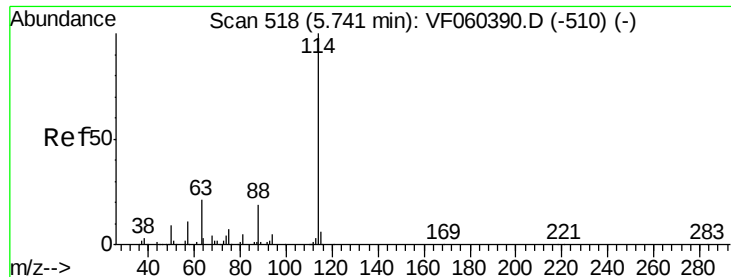
67 44.6 0.0 89.4



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: 5.75 min Scan# 519

Delta R.T. 0.01 min

Lab File: VF060403.D

Acq: 2 Oct 2018 15:41

Instrument :

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PL-01-092718-CRE

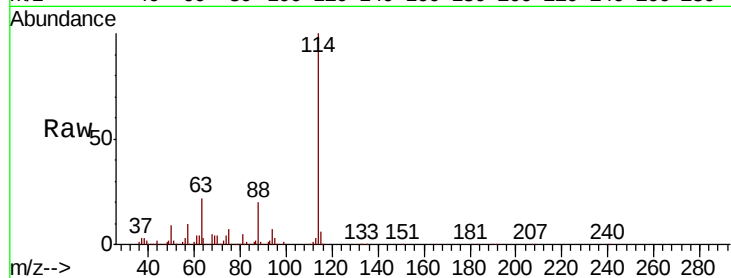
Tot Ion:114 Resp: 402620

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

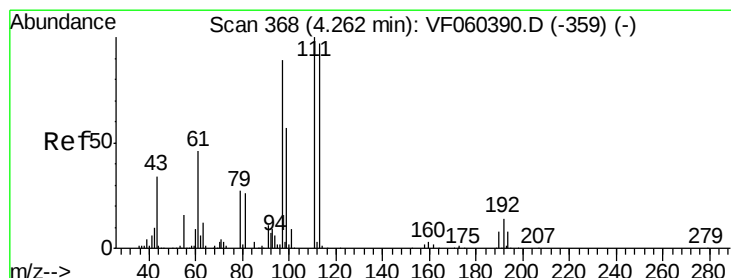
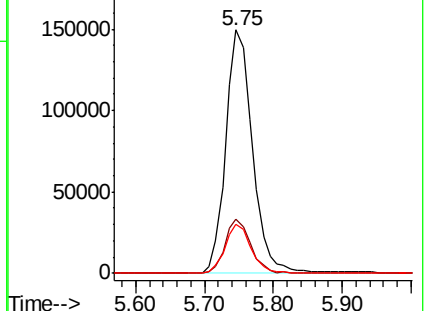
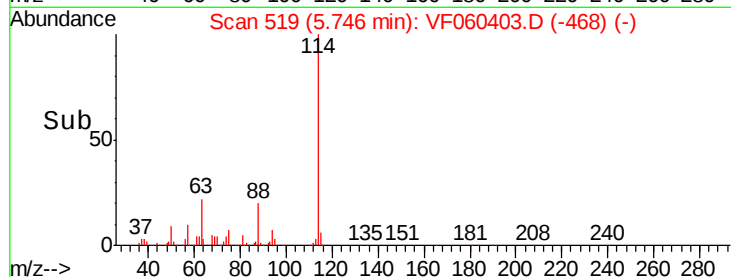
88 20.3 0.0 38.8



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: 56.730 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.02 min

Lab File: VF060403.D

Acq: 2 Oct 2018 15:41

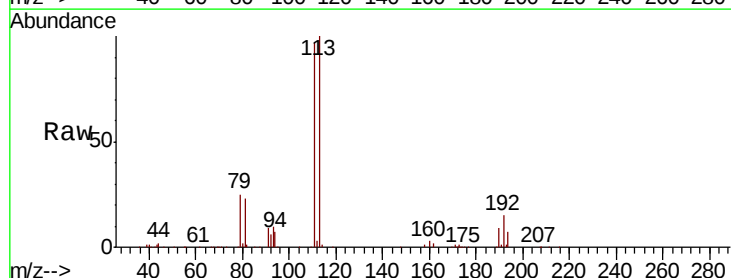
Tgt Ion:113 Resp: 214572

Ion Ratio Lower Upper

113 100

111 97.1 82.3 123.5

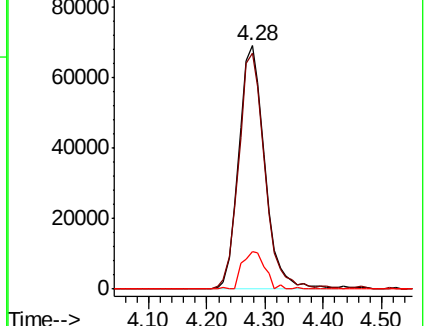
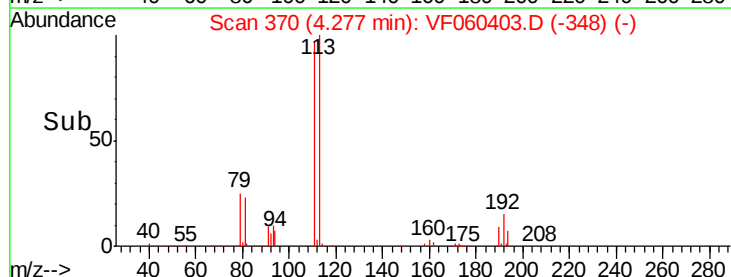
192 15.5 11.8 17.6

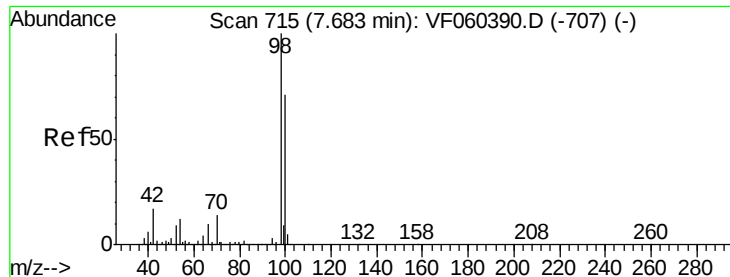


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

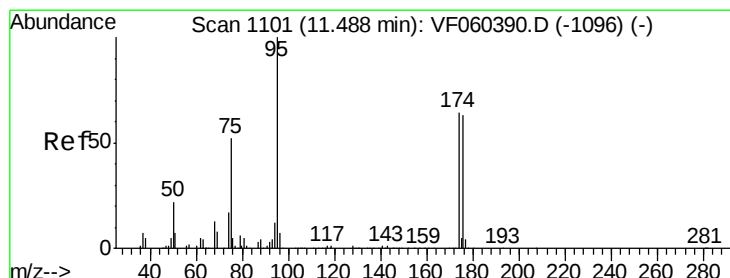
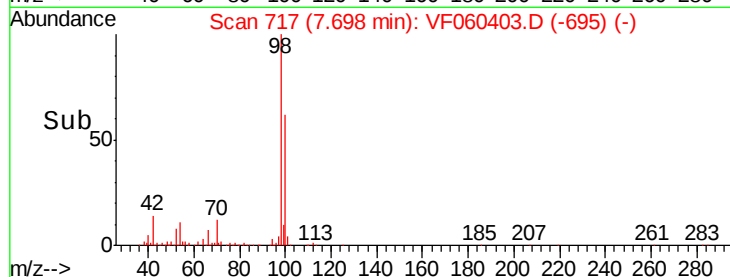
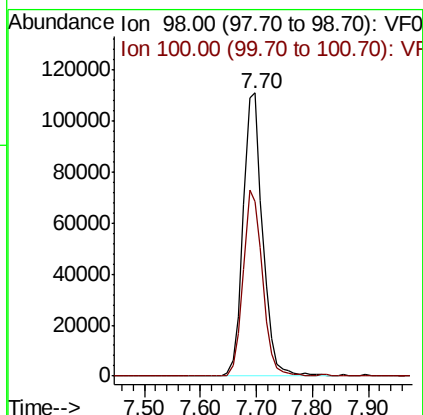
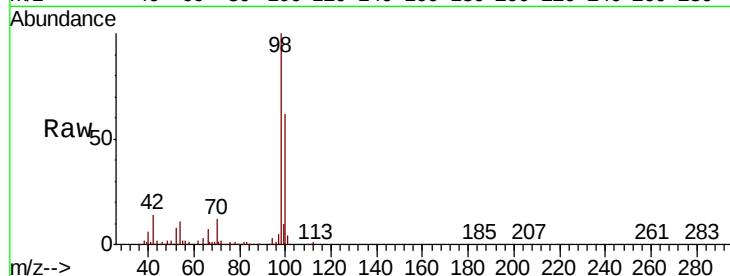




#50
Toluene-d8
Concen: 28.793 ug/l
RT: 7.70 min Scan# 717
Delta R.T. 0.02 min
Lab File: VF060403.D
Acq: 2 Oct 2018 15:41

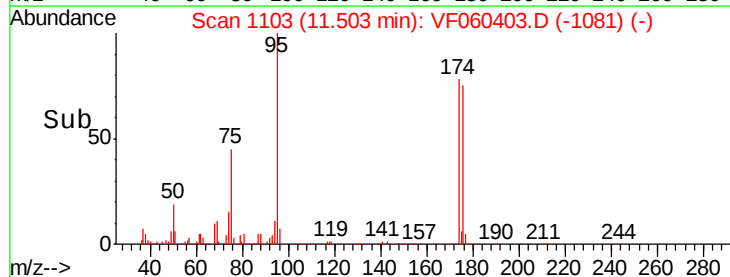
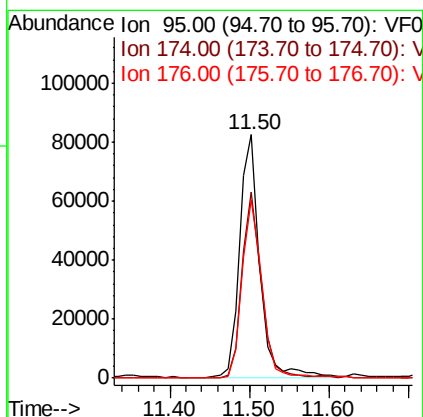
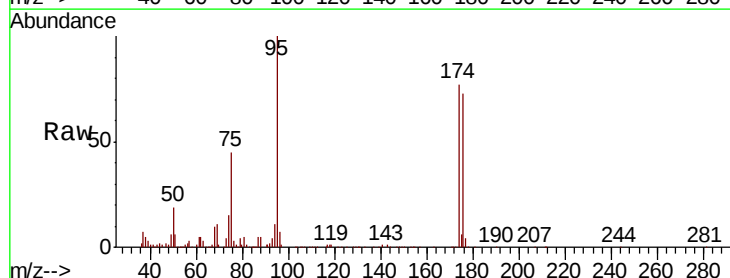
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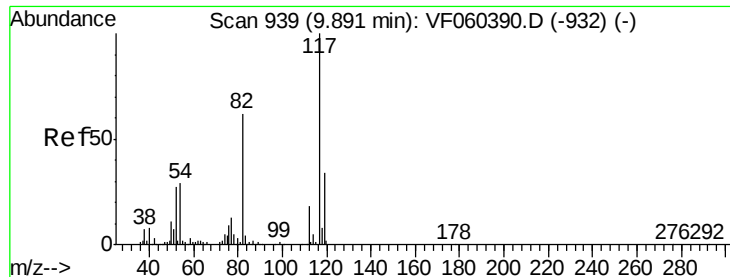
Tot Ion: 98 Resp: 268216
Ion Ratio Lower Upper
98 100
100 61.8 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 34.266 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.02 min
Lab File: VF060403.D
Acq: 2 Oct 2018 15:41

Tgt Ion: 95 Resp: 145743
Ion Ratio Lower Upper
95 100
174 76.6 0.0 129.0
176 73.3 0.0 125.6

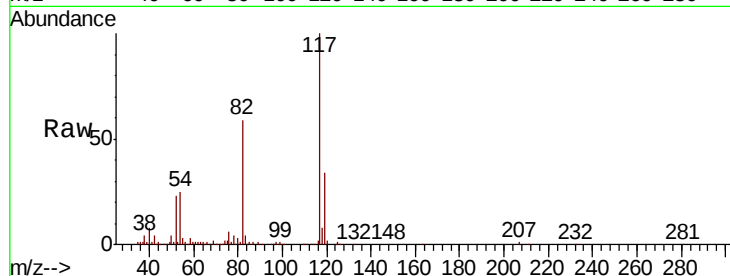




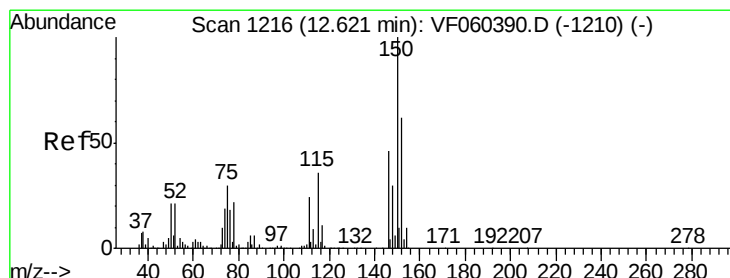
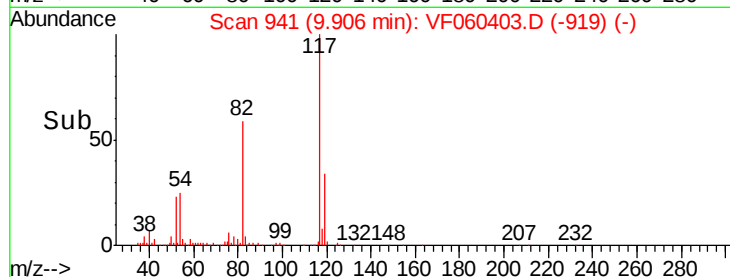
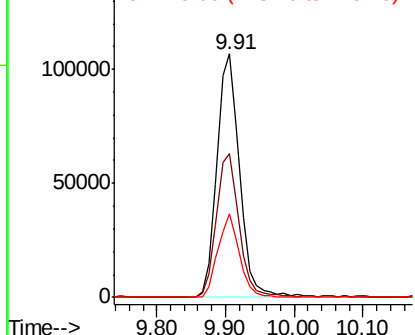
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.02 min
Lab File: VF060403.D
Acq: 2 Oct 2018 15:41

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-CRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	49.5	74.3
119	34.3	27.0	40.6

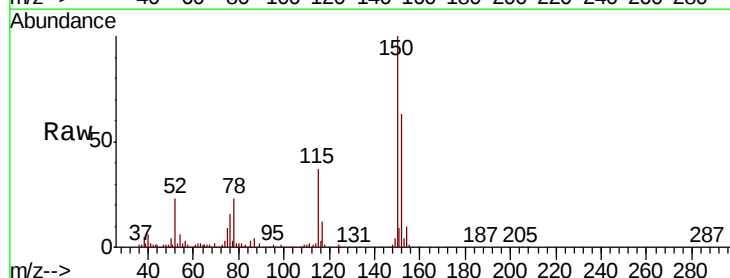


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

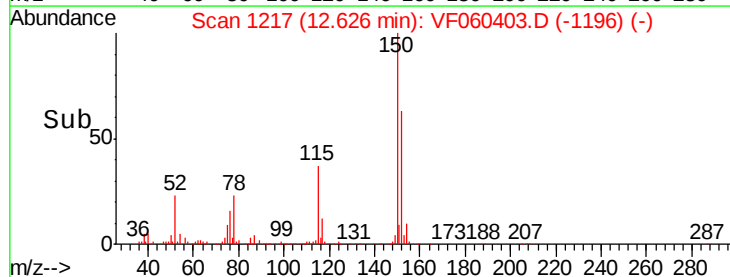
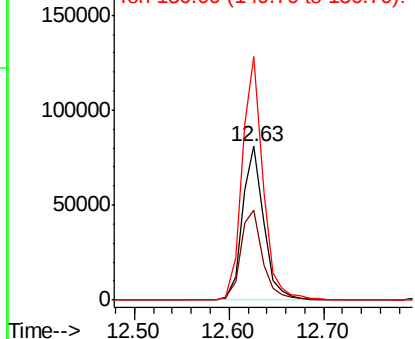


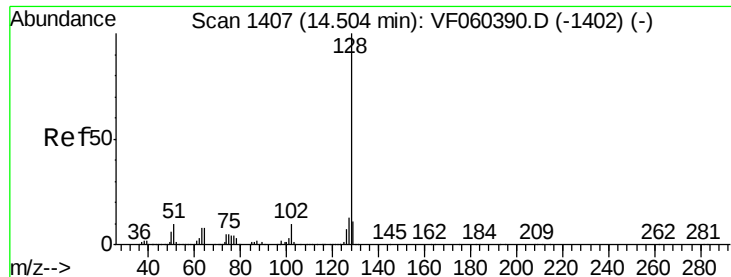
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060403.D
Acq: 2 Oct 2018 15:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.6	85.8
150	158.6	0.0	324.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

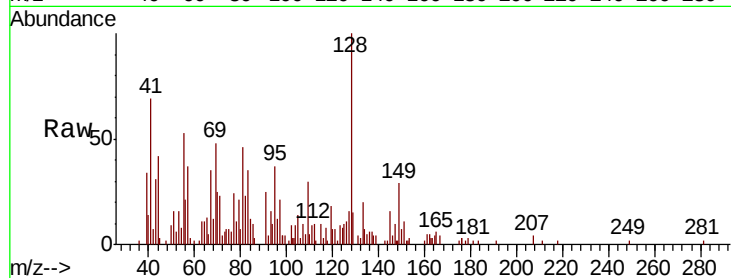




#95
 Naphthalene
 Concen: 2.179 ug/l
 RT: 14.52 min Scan# 1409
 Delta R.T. 0.02 min
 Lab File: VF060403.D
 Acq: 2 Oct 2018 15:41

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-092718-CRE

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.0	15.0#
129	14.9	8.7	13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

