

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
 Data File : VF060465.D
 Acq On : 5 Oct 2018 20:04
 Operator : VA/AP
 Sample : J5270-06RE
 Misc : 4.99/5mL/MSVOA F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 STOCK-PILE-CRE

Quant Time: Oct 06 05:07:42 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	61546	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.74	114	67579	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	18735	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	2517	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	36735	38.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.28%	
35) Dibromofluoromethane	4.28	113	38520	60.67	ug/l	0.01
Spiked Amount	50.000		Recovery	=	121.34%	
50) Toluene-d8	7.69	98	32071	20.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.02%	
62) 4-Bromofluorobenzene	11.50	95	3700	5.18	ug/l	0.01
Spiked Amount	50.000		Recovery	=	10.36%	

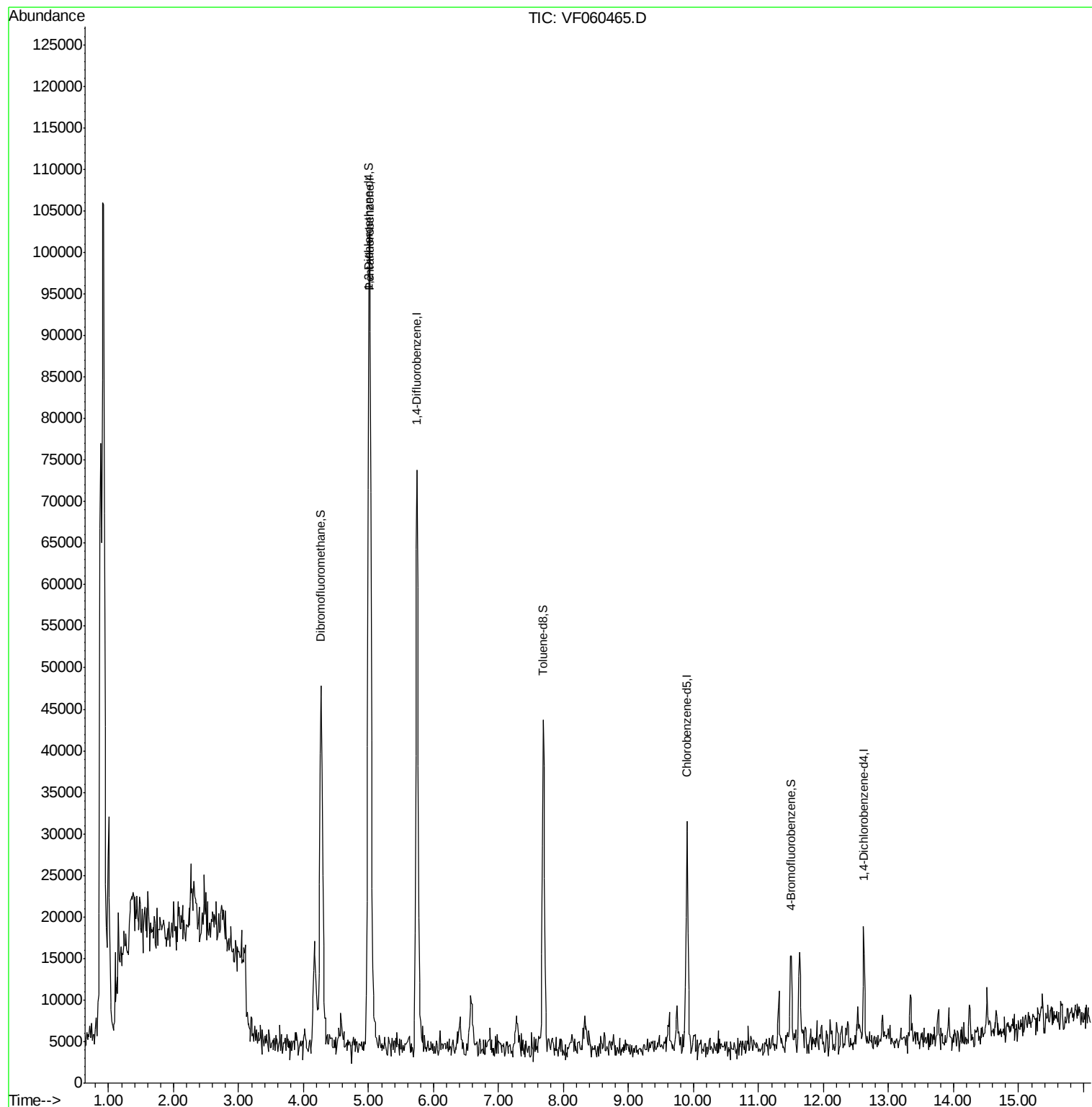
Target Compounds	Qvalue
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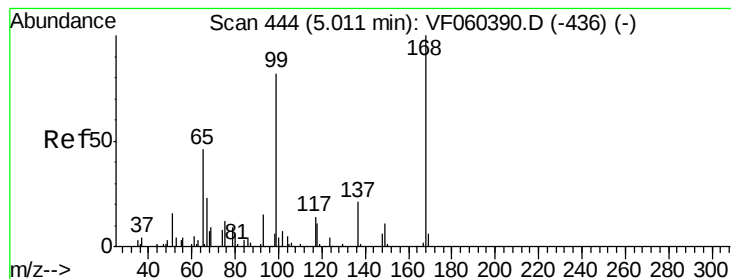
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.01 min

Lab File: VF060465.D

Acq: 5 Oct 2018 20:04

Instrument :

MSVOA_F

ClientSampleId :

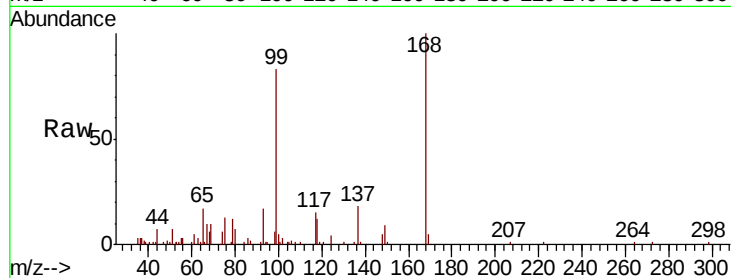
STOCK-PILE-CRE

Tot Ion:168 Resp: 61546

Ion Ratio Lower Upper

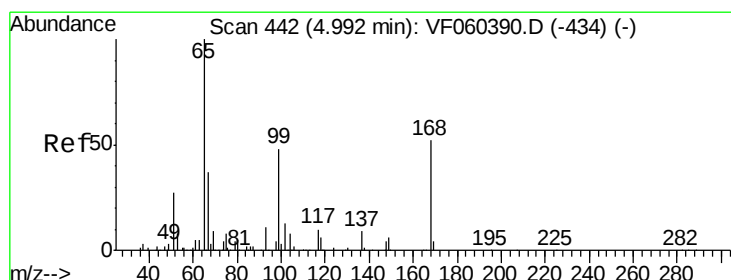
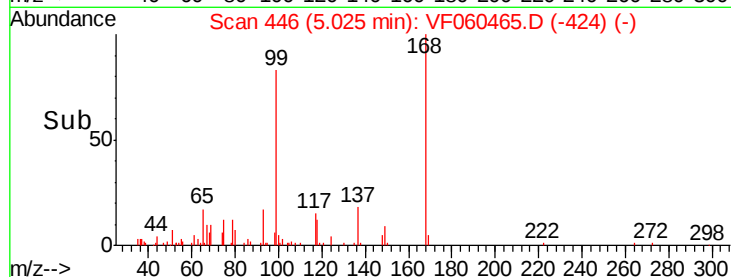
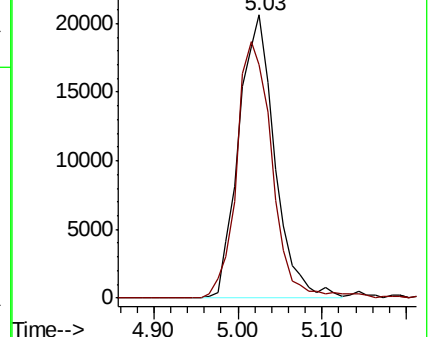
168 100

99 82.6 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 38.144 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.00 min

Lab File: VF060465.D

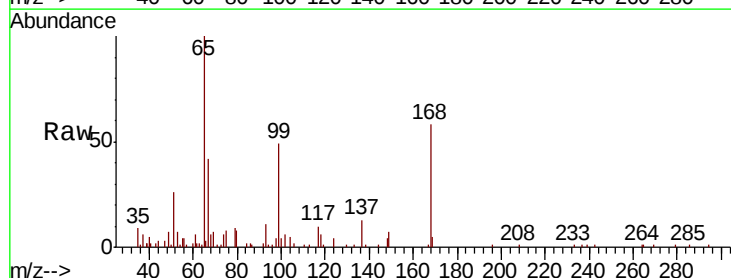
Acq: 5 Oct 2018 20:04

Tgt Ion: 65 Resp: 36735

Ion Ratio Lower Upper

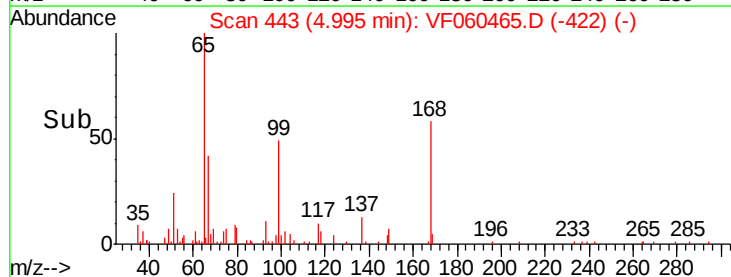
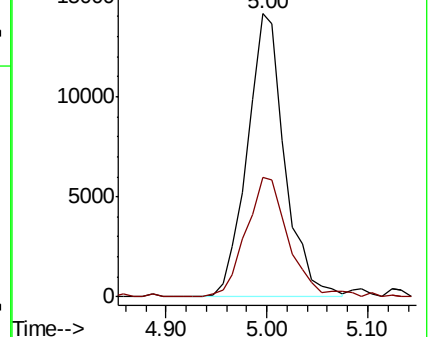
65 100

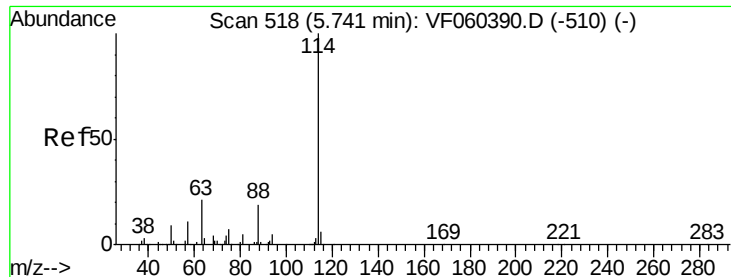
67 42.0 0.0 89.4



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: 5.74 min Scan# 519

Delta R.T. 0.00 min

Lab File: VF060465.D

Acq: 5 Oct 2018 20:04

Instrument :

MSVOA_F

ClientSampleId :

STOCK-PILE-CRE

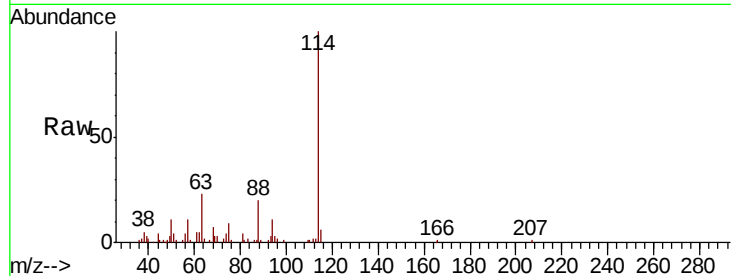
Tot Ion:114 Resp: 67579

Ion Ratio Lower Upper

114 100

63 22.9 0.0 42.2

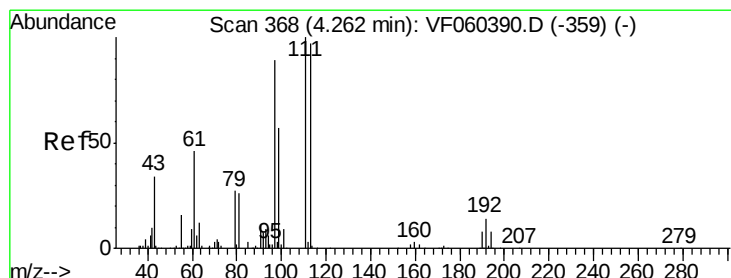
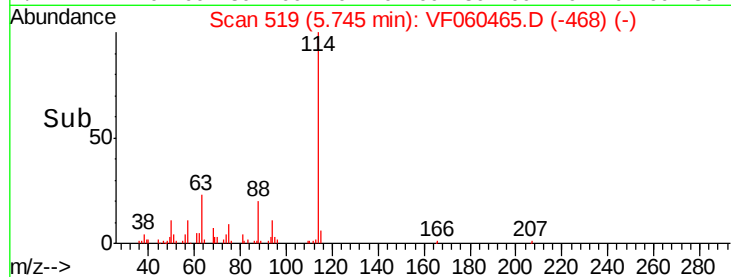
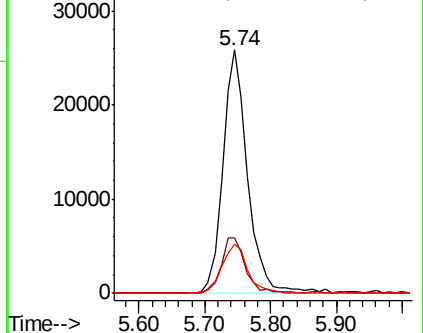
88 20.3 0.0 38.8



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: 60.675 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.01 min

Lab File: VF060465.D

Acq: 5 Oct 2018 20:04

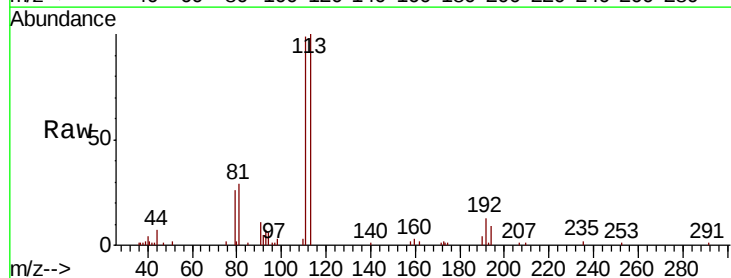
Tgt Ion:113 Resp: 38520

Ion Ratio Lower Upper

113 100

111 98.5 82.3 123.5

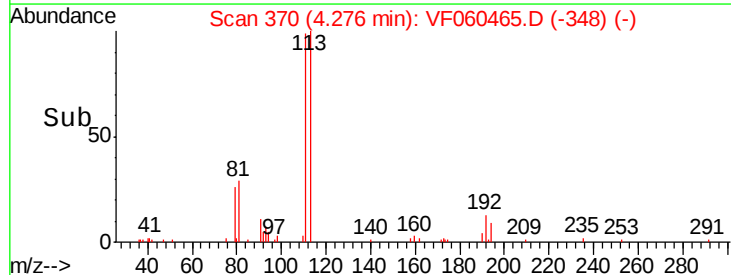
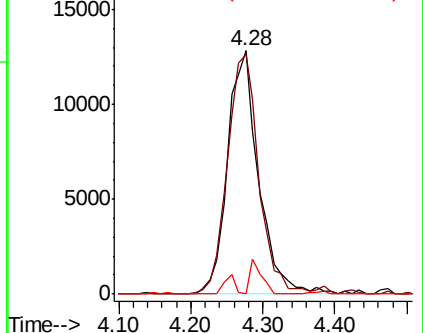
192 0.0 11.8 17.6#

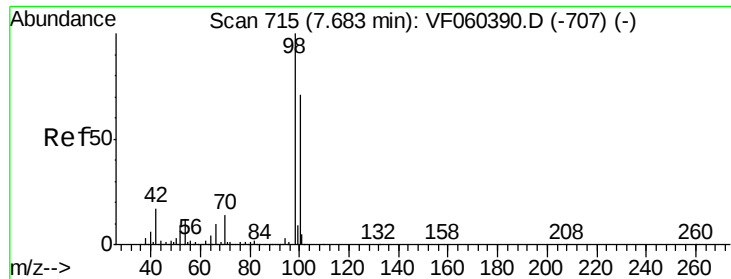


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

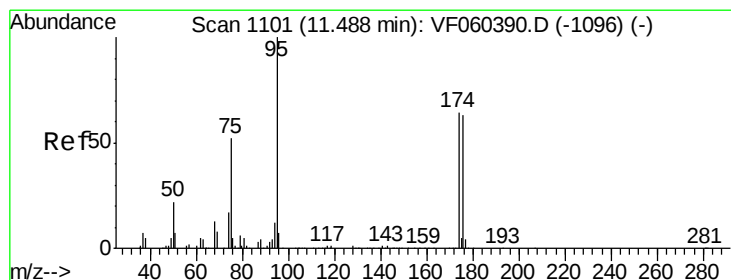
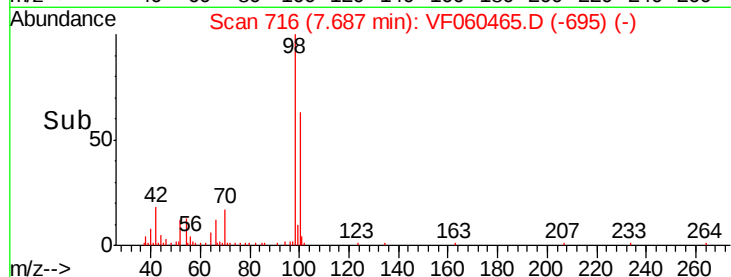
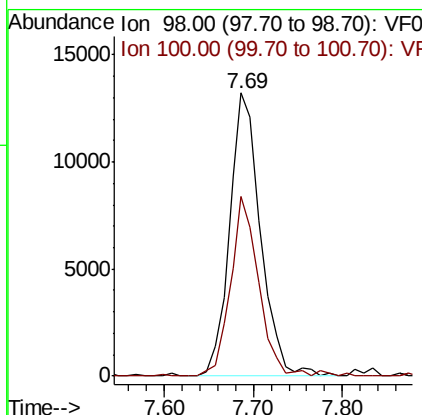
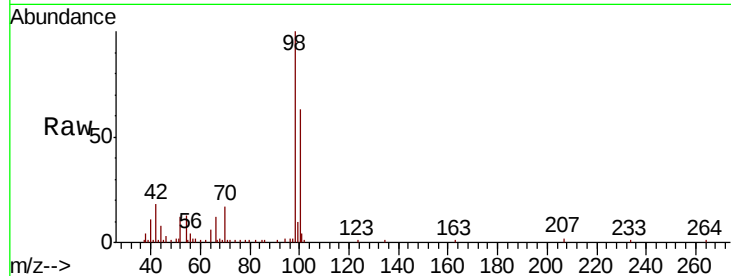




#50
Toluene-d8
Concen: 20.512 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.00 min
Lab File: VF060465.D
Acq: 5 Oct 2018 20:04

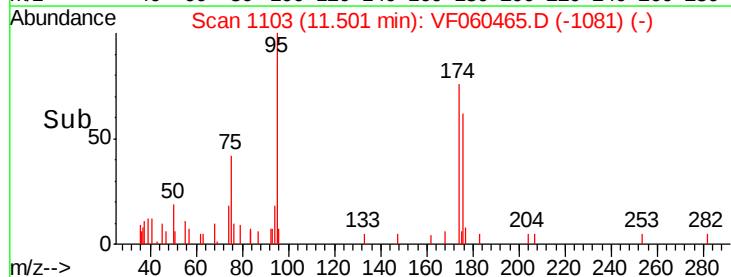
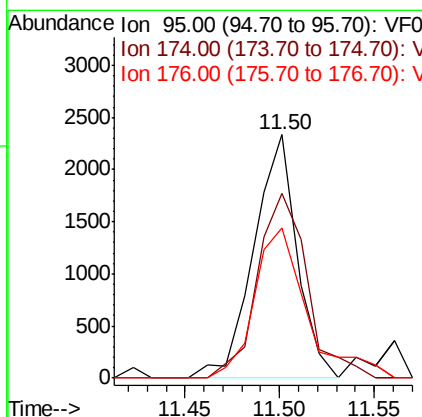
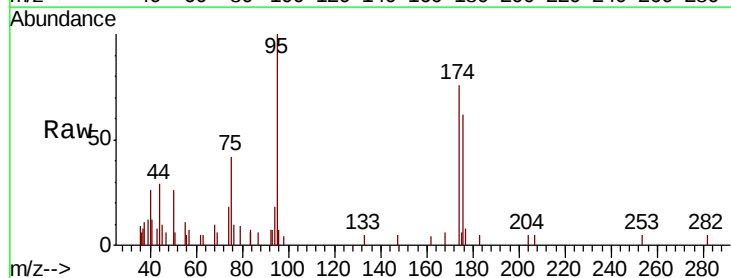
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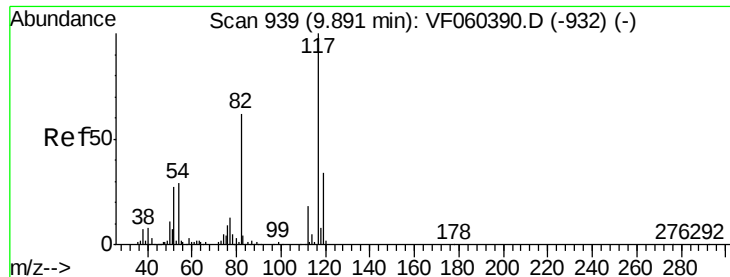
Tot Ion: 98 Resp: 32071
Ion Ratio Lower Upper
98 100
100 63.4 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 5.183 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VF060465.D
Acq: 5 Oct 2018 20:04

Tgt Ion: 95 Resp: 3700
Ion Ratio Lower Upper
95 100
174 76.0 0.0 129.0
176 61.5 0.0 125.6

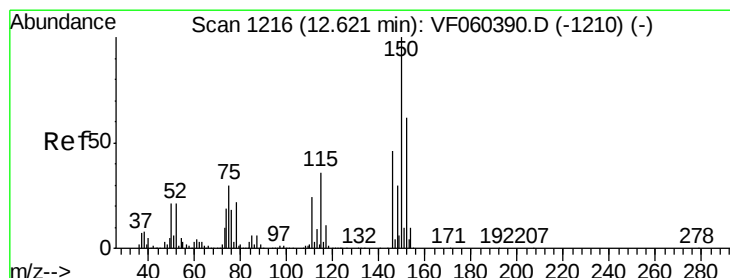
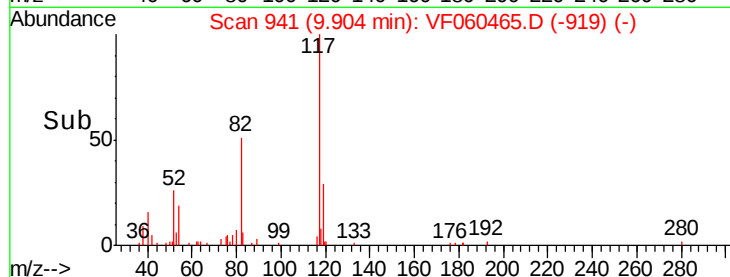
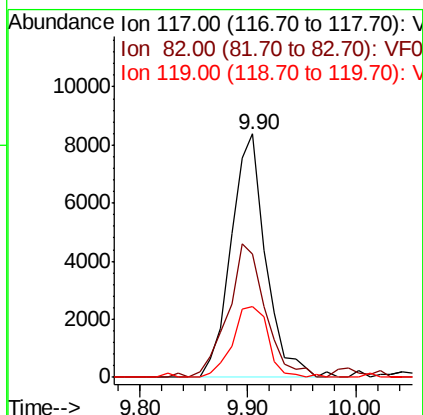
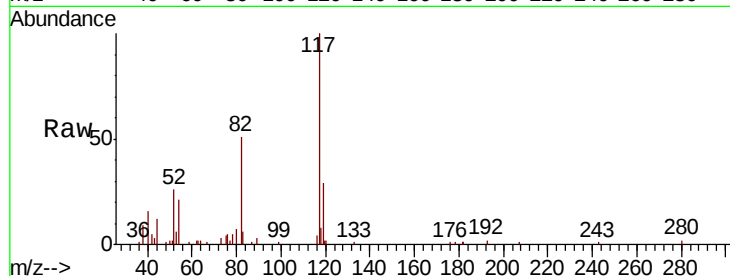




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 941
Delta R.T. 0.01 min
Lab File: VF060465.D
Acq: 5 Oct 2018 20:04

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-CRE

Tot Ion:117 Resp: 18735
Ion Ratio Lower Upper
117 100
82 50.8 49.5 74.3
119 29.0 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060465.D
Acq: 5 Oct 2018 20:04

Tgt Ion:152 Resp: 2517
Ion Ratio Lower Upper
152 100
115 55.7 28.6 85.8
150 143.3 0.0 324.6

