

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082818\
 Data File : VF060159.D
 Acq On : 28 Aug 2018 19:30
 Operator : VA/AP
 Sample : J4661-01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WASTE-CLASS-HOT-SPOT

Quant Time: Aug 29 04:40:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	94565	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	106695	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	68820	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	21129	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	31249	24.14	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	48.28%	
35) Dibromofluoromethane	4.28	113	35863	42.80	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	85.60%	
50) Toluene-d8	7.70	98	84896	35.68	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	71.36%	
62) 4-Bromofluorobenzene	11.50	95	24061	19.12	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	38.24%	

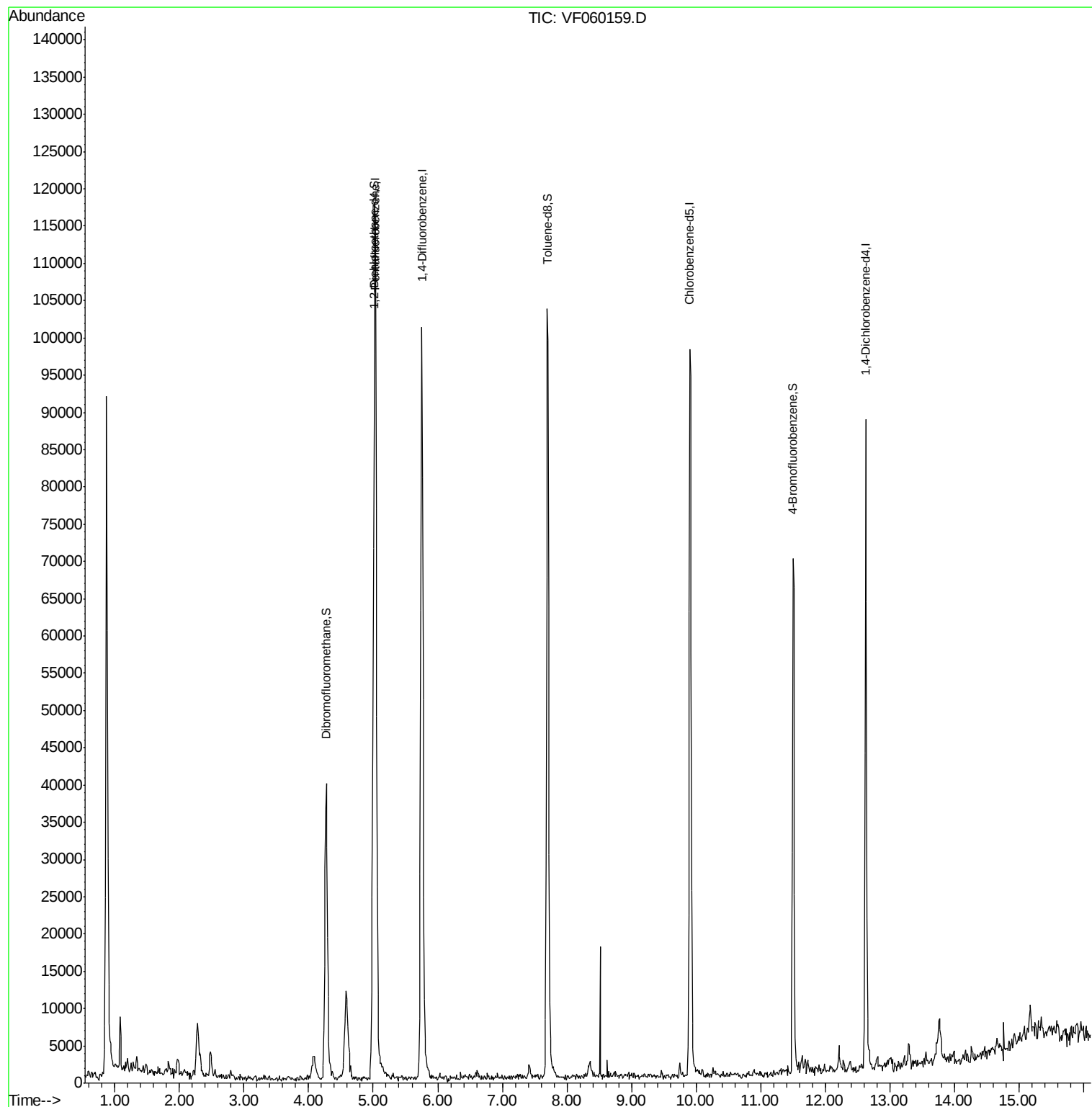
Target Compounds	Qvalue

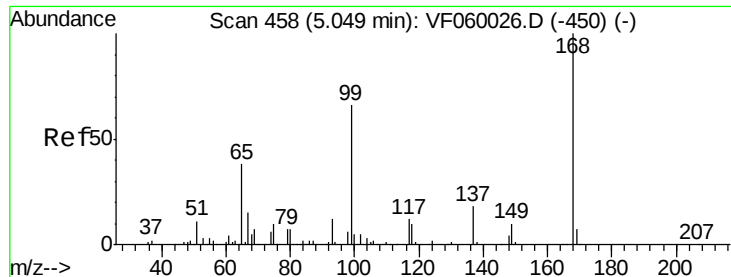
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

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Acq: 28 Aug 2018 19:30

Instrument :

MSVOA_F

ClientSampleId :

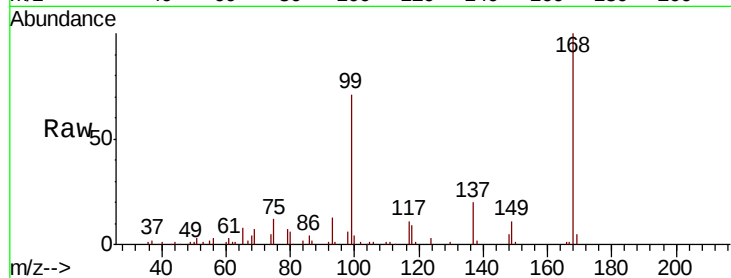
WASTE-CLASS-HOT-SPOT

Tot Ion:168 Resp: 94565

Ion Ratio Lower Upper

168 100

99 70.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

30000

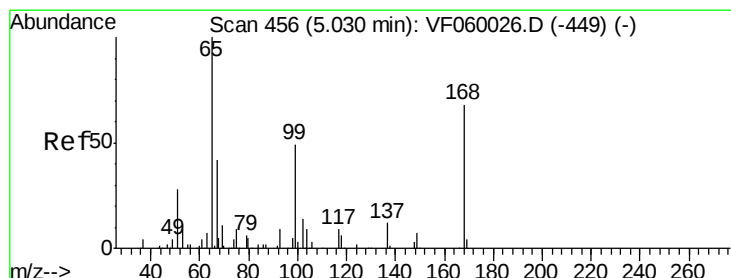
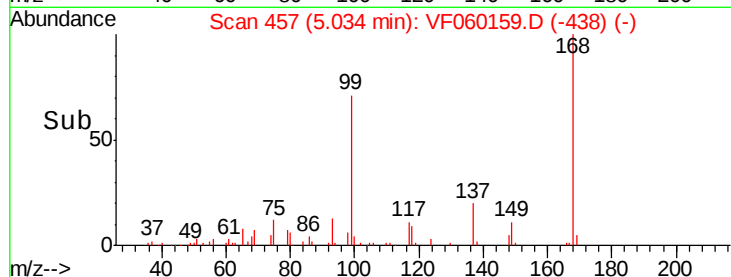
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 24.14 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF060159.D

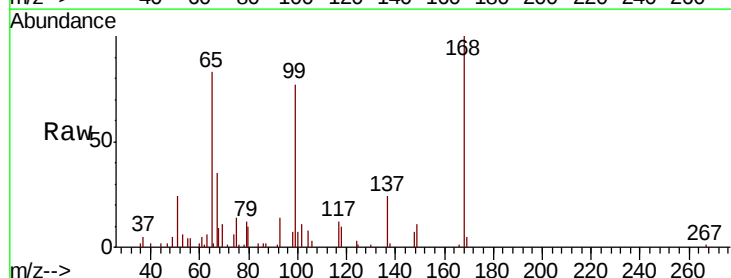
Acq: 28 Aug 2018 19:30

Tgt Ion: 65 Resp: 31249

Ion Ratio Lower Upper

65 100

67 42.0 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

12000

10000

8000

6000

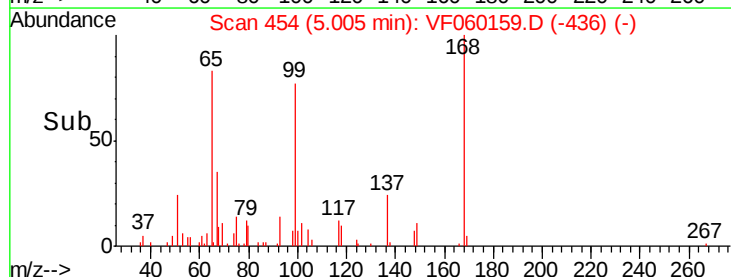
4000

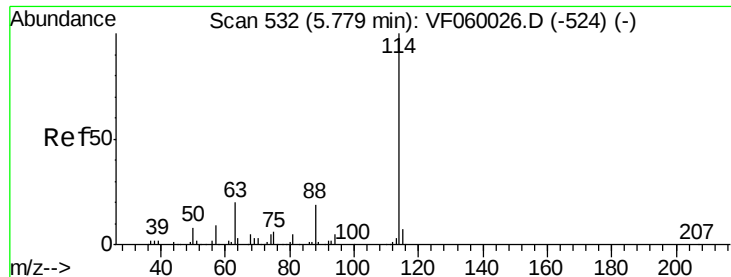
2000

0

4.90 5.00 5.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF060159.D

Acq: 28 Aug 2018 19:30

Instrument :

MSVOA_F

ClientSampleId :

WASTE-CLASS-HOT-SPOT

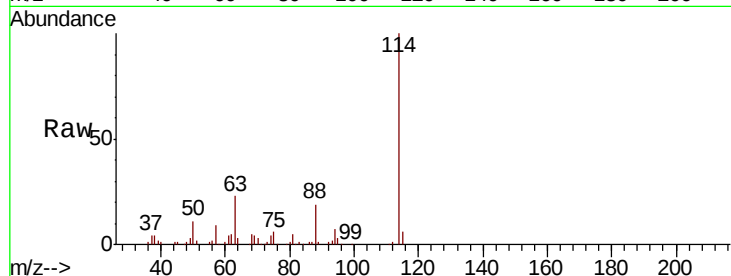
Tot Ion:114 Resp: 106695

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.4

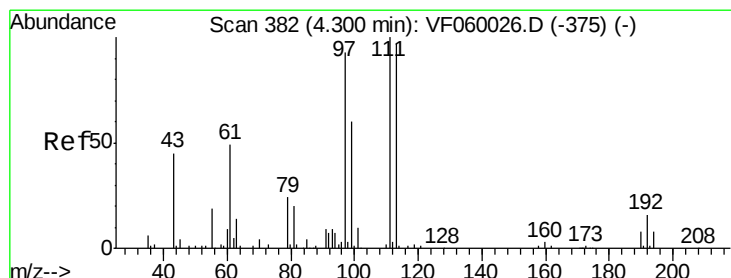
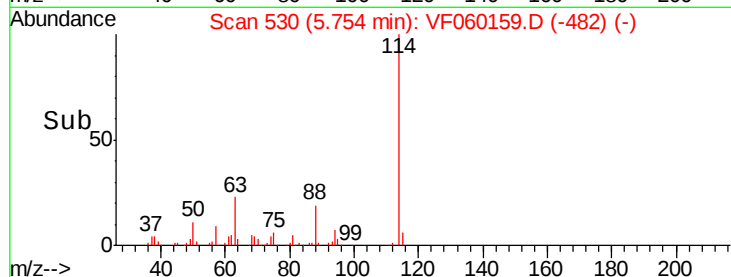
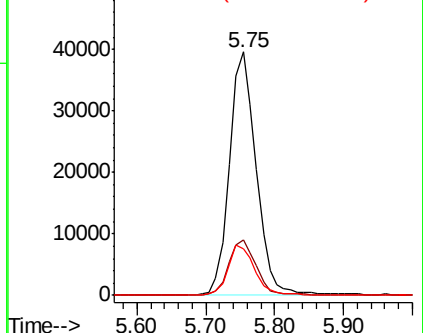
88 19.3 0.0 38.6



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: 42.80 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF060159.D

Acq: 28 Aug 2018 19:30

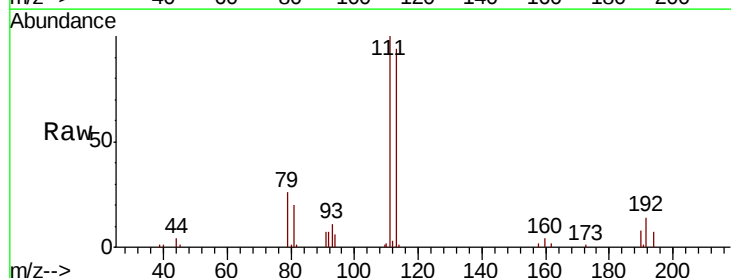
Tgt Ion:113 Resp: 35863

Ion Ratio Lower Upper

113 100

111 106.1 82.7 124.1

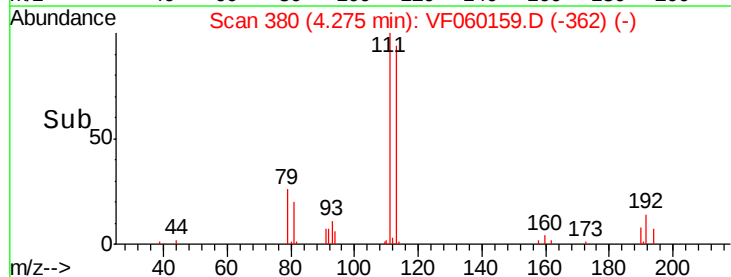
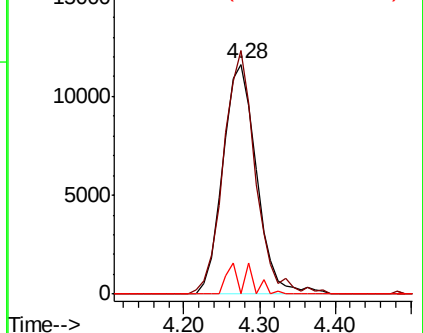
192 0.0 13.0 19.4#

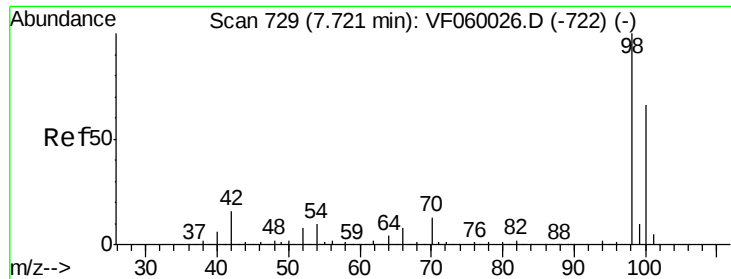


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

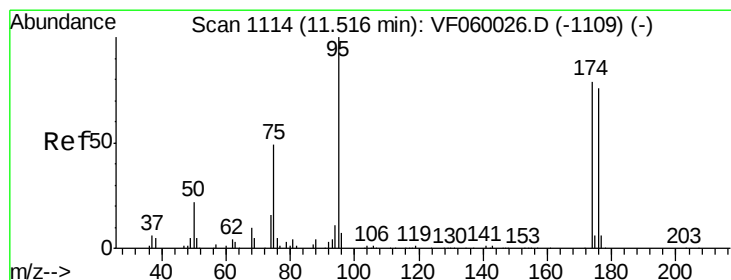
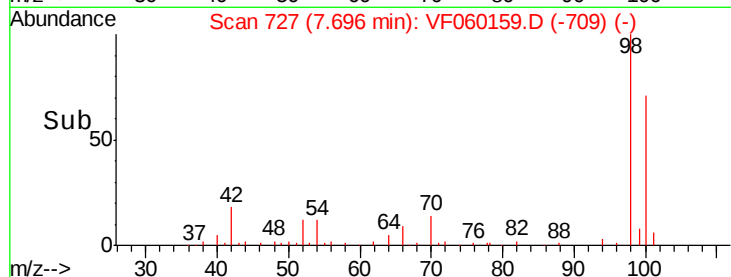
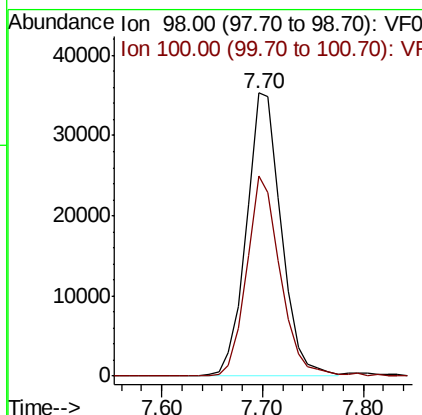
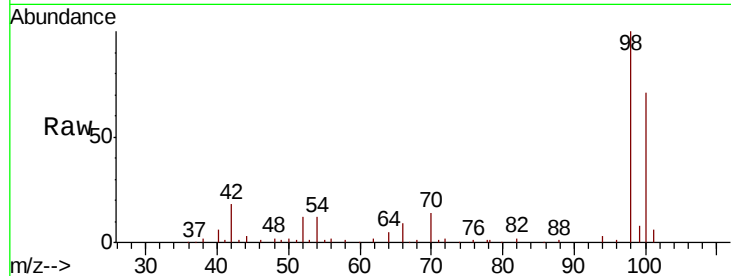




#50
Toluene-d8
Concen: 35.68 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060159.D
Acq: 28 Aug 2018 19:30

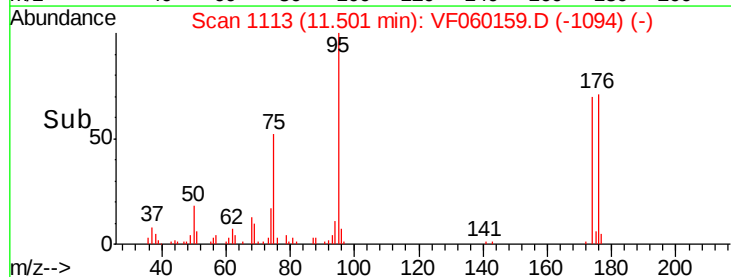
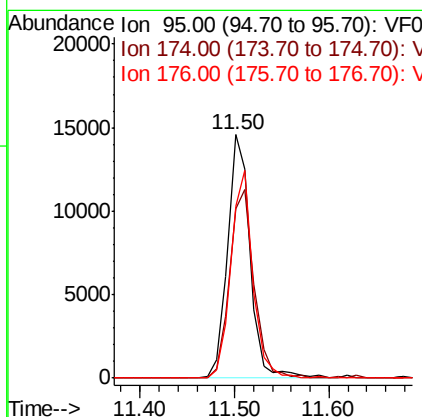
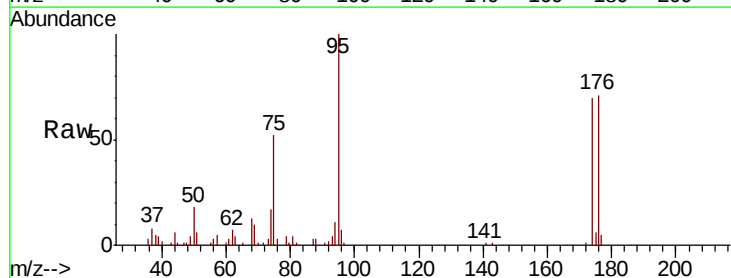
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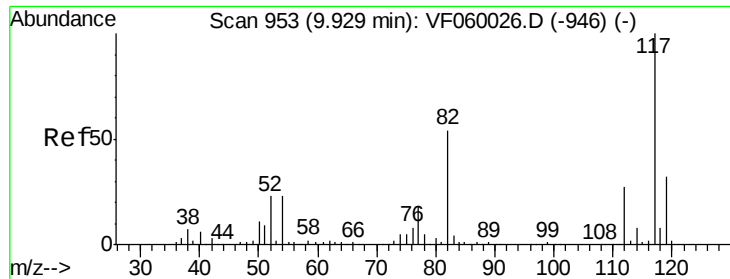
Tot Ion: 98 Resp: 84896
Ion Ratio Lower Upper
98 100
100 70.7 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 19.12 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060159.D
Acq: 28 Aug 2018 19:30

Tgt Ion: 95 Resp: 24061
Ion Ratio Lower Upper
95 100
174 69.8 0.0 158.4
176 70.9 0.0 153.0

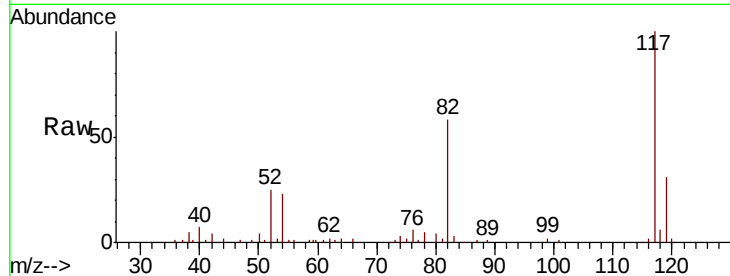




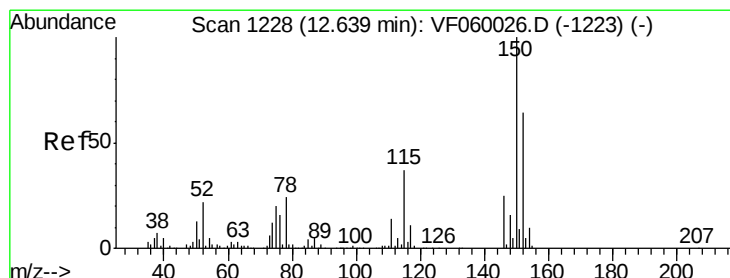
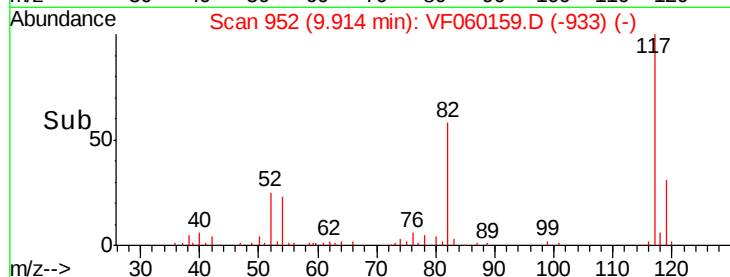
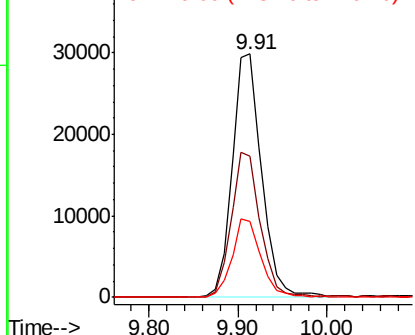
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060159.D
Acq: 28 Aug 2018 19:30

Instrument :
MSVOA_F
ClientSampleId :
WASTE-CLASS-HOT-SPOT

Tot Ion:117 Resp: 68820
Ion Ratio Lower Upper
117 100
82 58.1 43.6 65.4
119 31.3 25.6 38.4

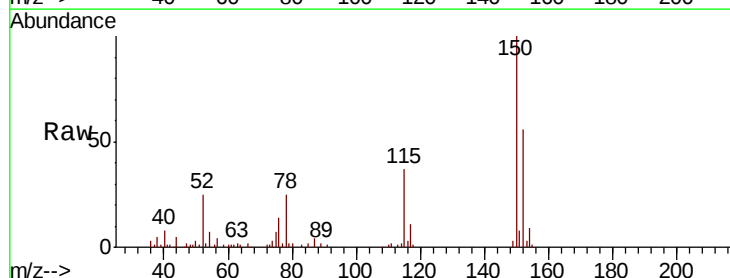


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060159.D
Acq: 28 Aug 2018 19:30

Tgt Ion:152 Resp: 21129
Ion Ratio Lower Upper
152 100
115 66.1 28.6 85.9
150 178.2 0.0 312.0



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

