

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060123.D
 Acq On : 27 Aug 2018 14:23
 Operator : VA/AP
 Sample : J4646-02
 Misc : 5.27g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-A6

Quant Time: Aug 27 15:23:44 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

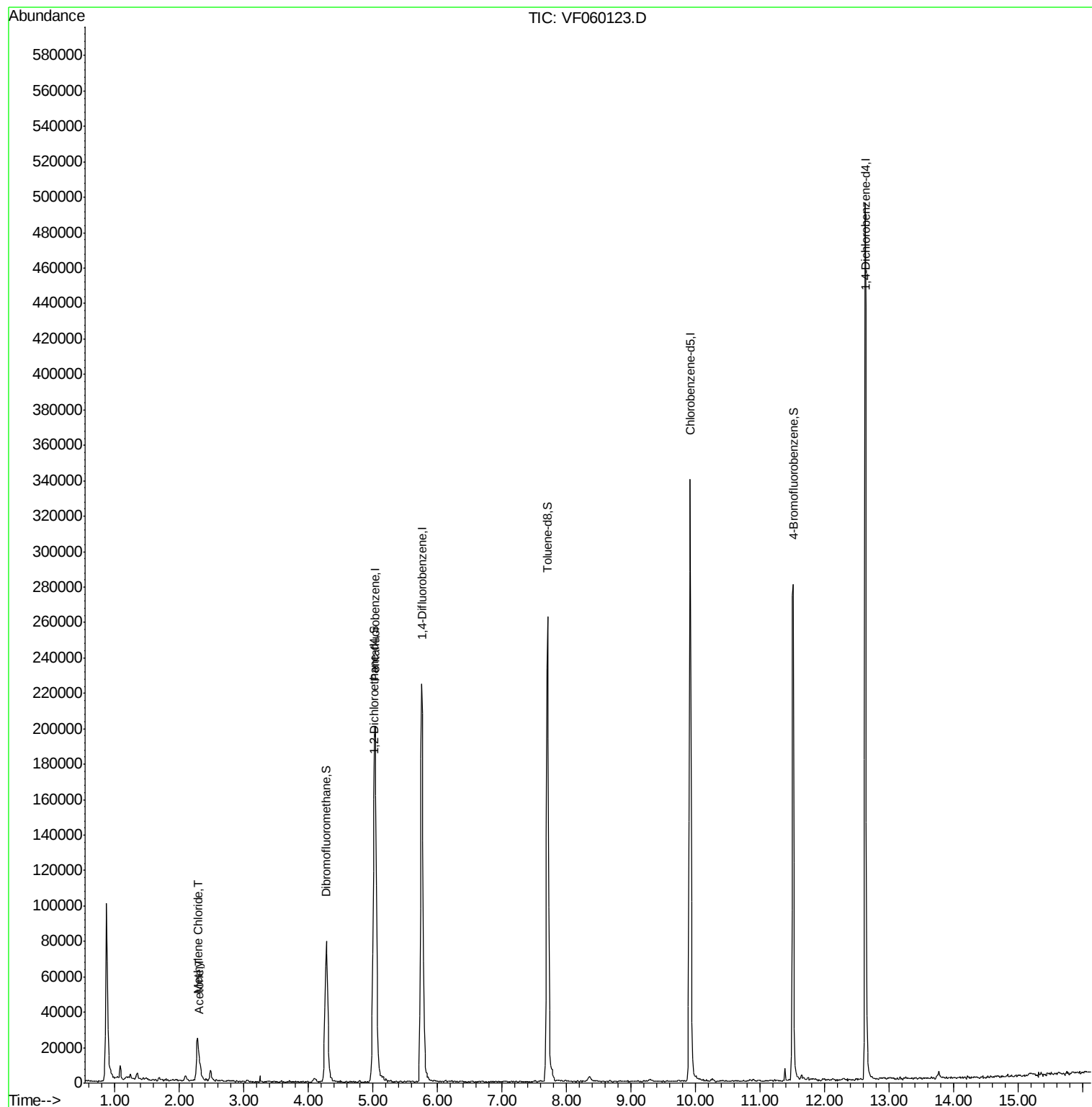
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	163260	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	235150	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	223671	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	125589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	71319	31.92	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	63.84%	
35) Dibromofluoromethane	4.28	113	72957	39.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.02%	
50) Toluene-d8	7.71	98	217050	41.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.78%	
62) 4-Bromofluorobenzene	11.51	95	98901	35.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.30%	
Target Compounds						
16) Acetone	2.31	43	7016	11.95	ug/l	# 90
20) Methylene Chloride	2.29	84	14288	8.05	ug/l	84

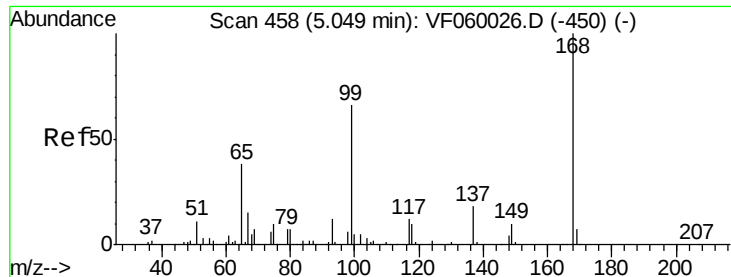
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060123.D

Acq: 27 Aug 2018 14:23

Instrument :

MSVOA_F

ClientSampleId :

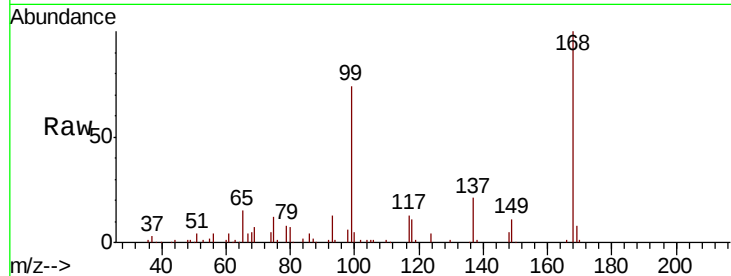
EP1-Q4-A6

Tot Ion:168 Resp: 163260

Ion Ratio Lower Upper

168 100

99 73.7 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

50000

40000

30000

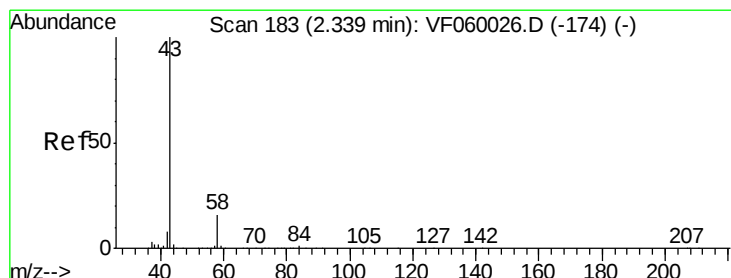
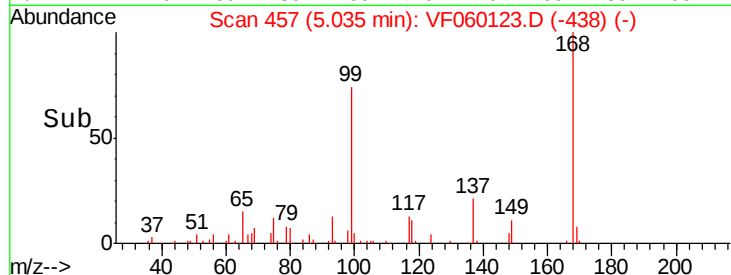
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 11.95 ug/l

RT: 2.31 min Scan# 181

Delta R.T. -0.02 min

Lab File: VF060123.D

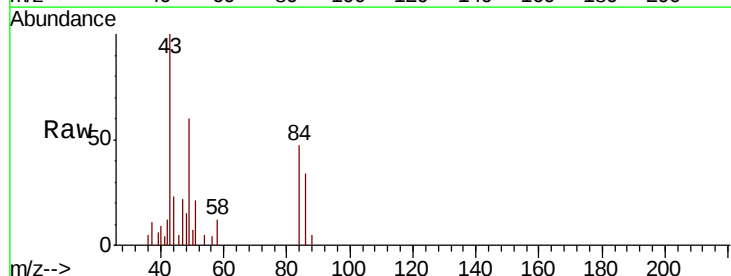
Acq: 27 Aug 2018 14:23

Tgt Ion: 43 Resp: 7016

Ion Ratio Lower Upper

43 100

58 11.7 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.31

3000

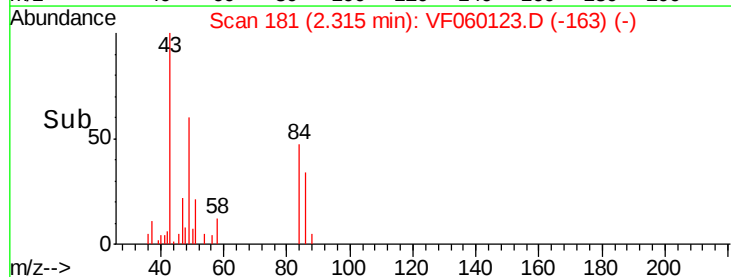
2000

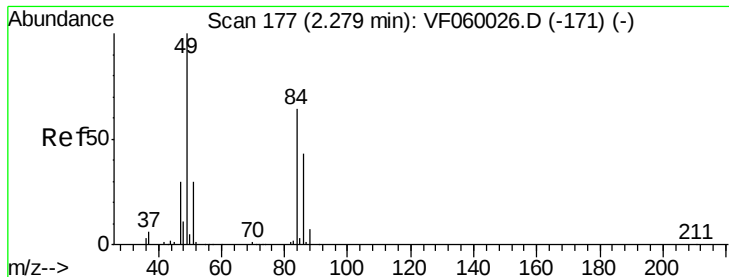
1000

0

Time-->

2.20 2.30 2.40

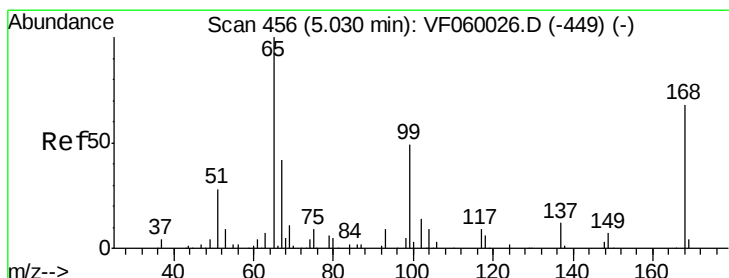
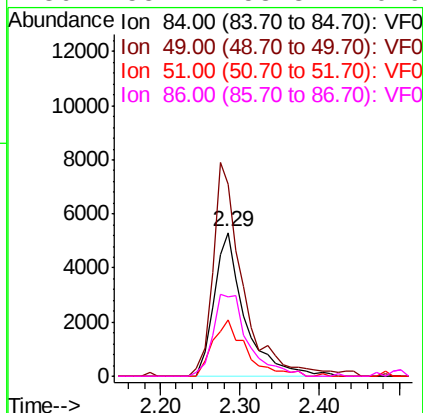
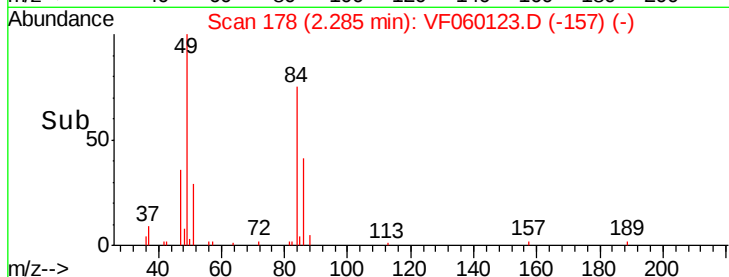
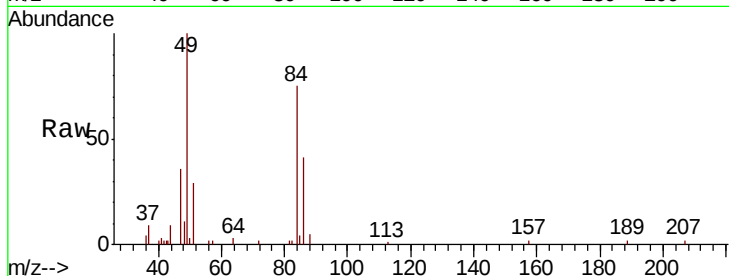




#20
Methylene Chloride
Concen: 8.05 ug/l
RT: 2.29 min Scan# 178
Delta R.T. 0.01 min
Lab File: VF060123.D
Acq: 27 Aug 2018 14:23

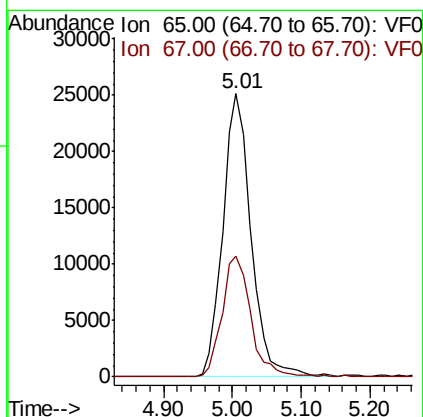
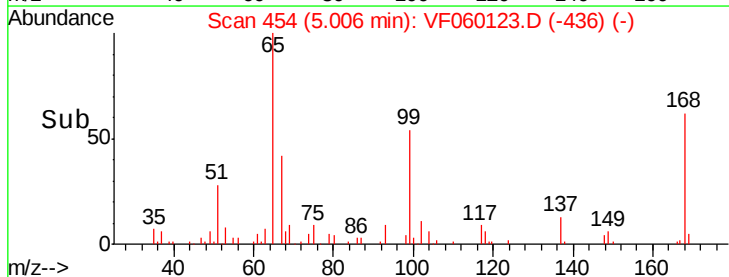
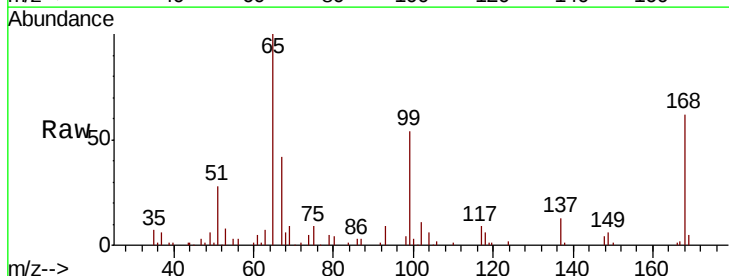
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A6

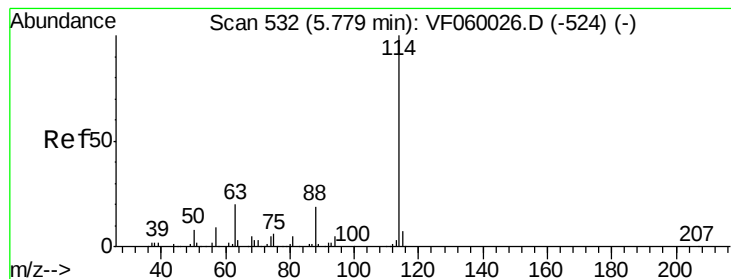
Tot Ion: 84 Resp: 14288
Ion Ratio Lower Upper
84 100
49 134.0 125.4 188.0
51 39.0 38.3 57.5
86 55.2 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 31.92 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF060123.D
Acq: 27 Aug 2018 14:23

Tgt Ion: 65 Resp: 71319
Ion Ratio Lower Upper
65 100
67 42.5 0.0 92.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF060123.D

Acq: 27 Aug 2018 14:23

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-A6

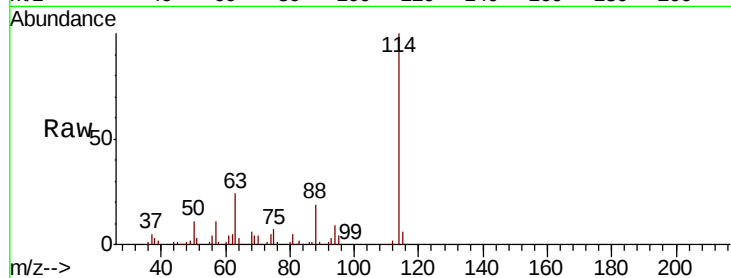
Tot Ion:114 Resp: 235150

Ion Ratio Lower Upper

114 100

63 24.3 0.0 40.4

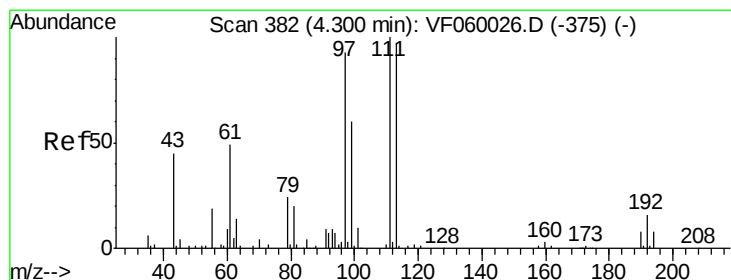
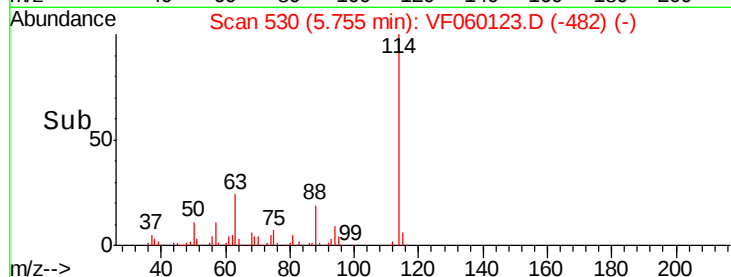
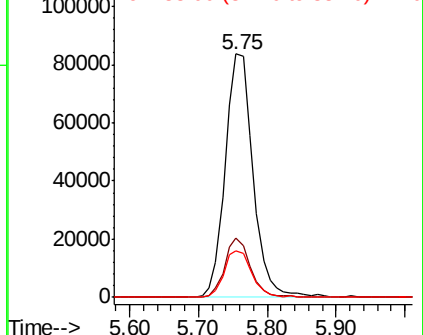
88 19.3 0.0 38.6



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: 39.51 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF060123.D

Acq: 27 Aug 2018 14:23

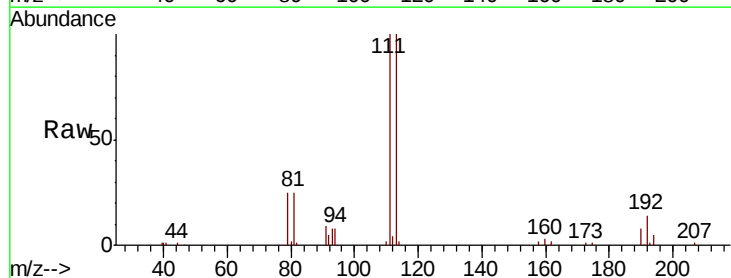
Tgt Ion:113 Resp: 72957

Ion Ratio Lower Upper

113 100

111 100.3 82.7 124.1

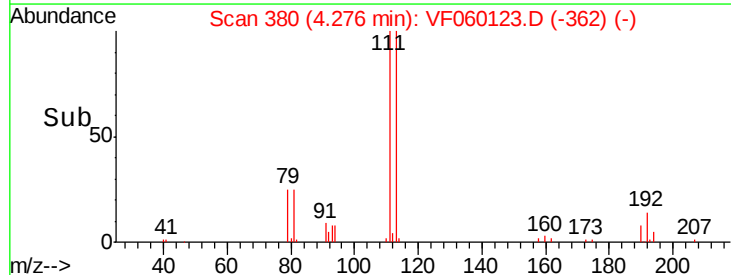
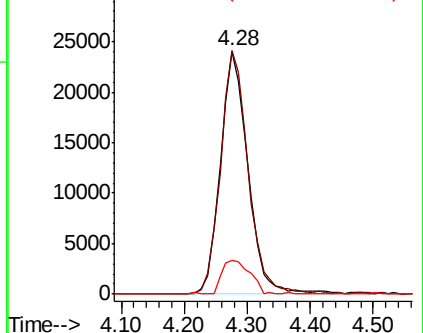
192 14.0 13.0 19.4

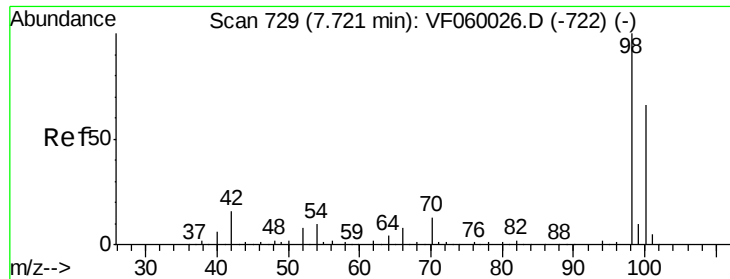


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

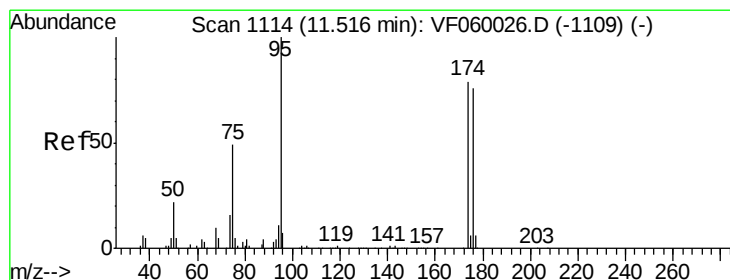
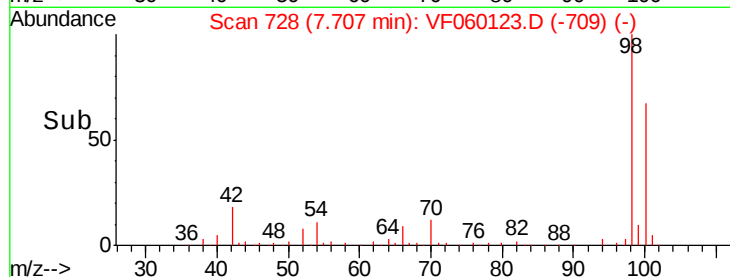
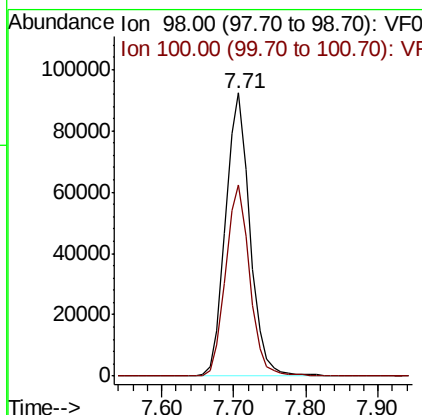
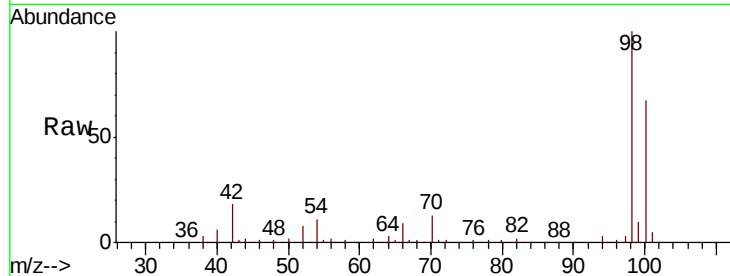




#50
Toluene-d8
Concen: 41.39 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF060123.D
Acq: 27 Aug 2018 14:23

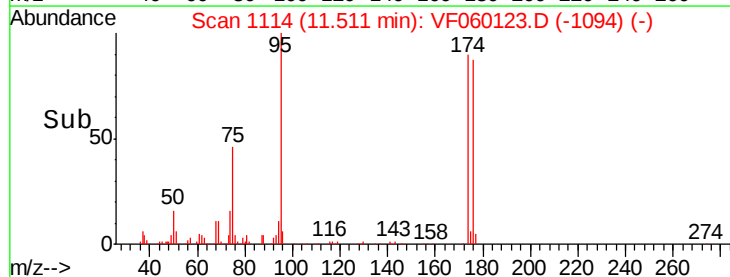
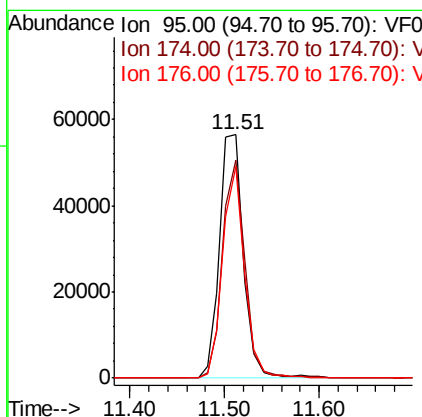
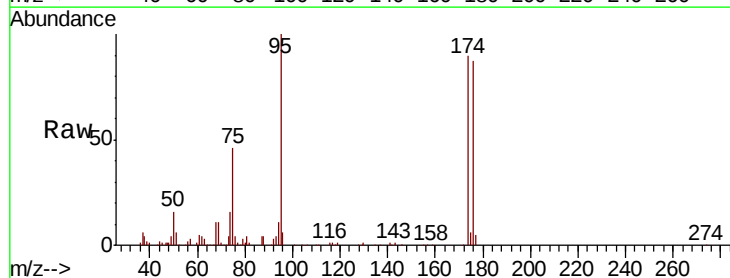
Instrument :
MSVOA_F
ClientSampled :
EP1-Q4-A6

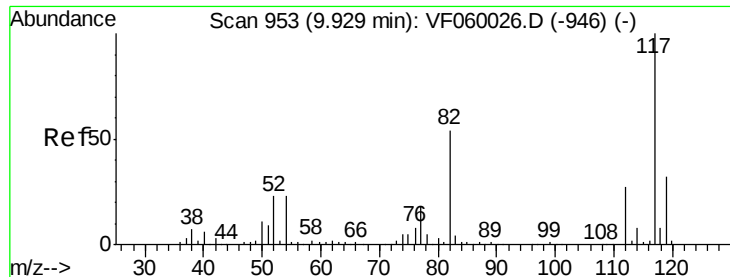
Tot Ion: 98 Resp: 217050
Ion Ratio Lower Upper
98 100
100 67.5 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 35.65 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF060123.D
Acq: 27 Aug 2018 14:23

Tgt Ion: 95 Resp: 98901
Ion Ratio Lower Upper
95 100
174 89.5 0.0 158.4
176 86.9 0.0 153.0

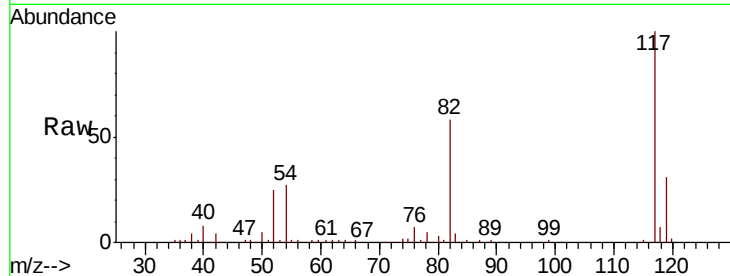




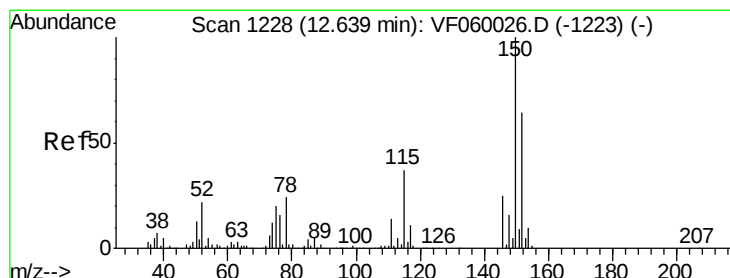
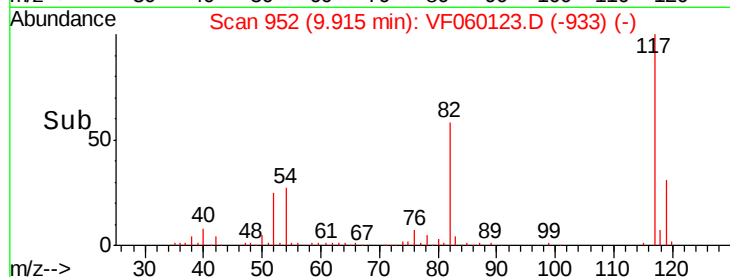
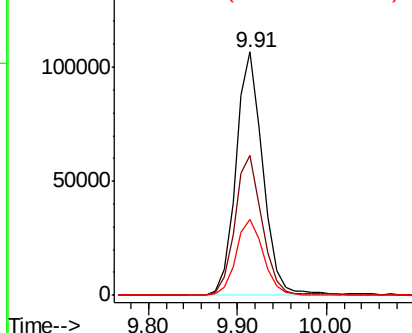
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060123.D
Acq: 27 Aug 2018 14:23

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A6

Tot Ion:117 Resp: 223671
Ion Ratio Lower Upper
117 100
82 57.6 43.6 65.4
119 31.0 25.6 38.4

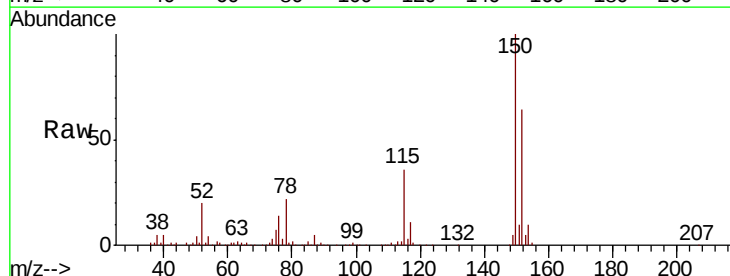


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF060123.D
Acq: 27 Aug 2018 14:23

Tgt Ion:152 Resp: 125589
Ion Ratio Lower Upper
152 100
115 55.1 28.6 85.9
150 155.3 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

