

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060124.D
 Acq On : 27 Aug 2018 14:51
 Operator : VA/AP
 Sample : J4646-06
 Misc : 5.64g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-B5

Quant Time: Aug 27 16:44:08 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

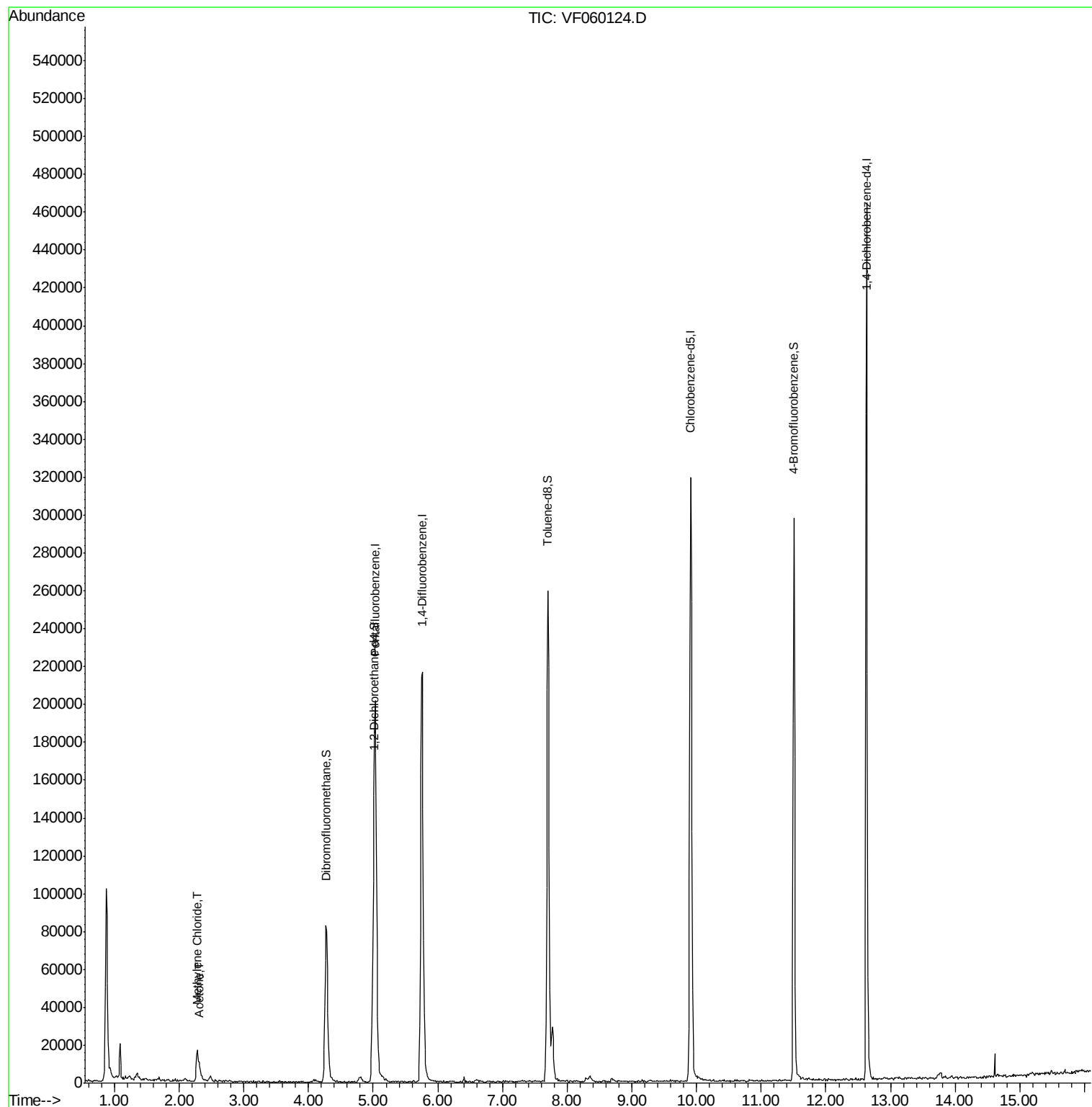
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	162036	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	228633	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	215154	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	114348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	71170	32.09	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	64.18%	
35) Dibromofluoromethane	4.27	113	74489	41.49	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	82.98%	
50) Toluene-d8	7.70	98	213171	41.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.62%	
62) 4-Bromofluorobenzene	11.51	95	92456	34.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.56%	
Target Compounds						
16) Acetone	2.32	43	4841	8.31	ug/l	94
20) Methylene Chloride	2.28	84	10813	4.78	ug/l #	75

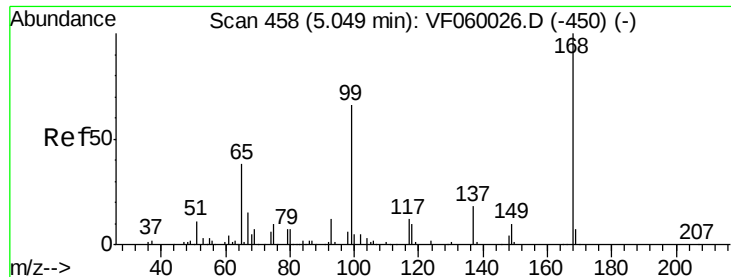
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.03 min Scan# 456

Delta R.T. -0.02 min

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Acq: 27 Aug 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

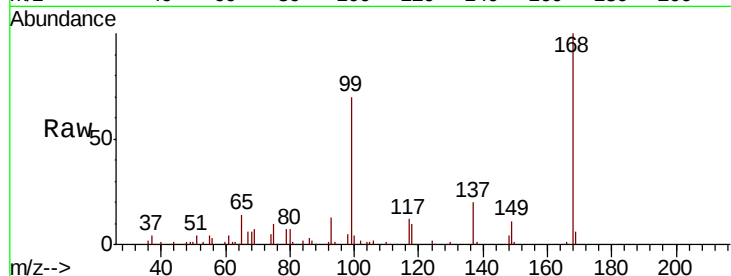
EP1-Q4-B5

Tot Ion:168 Resp: 162036

Ion Ratio Lower Upper

168 100

99 69.9 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

60000

50000

40000

30000

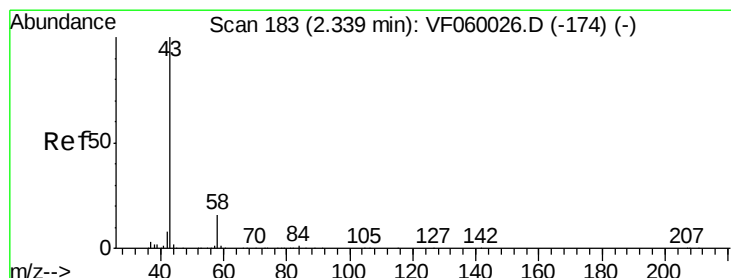
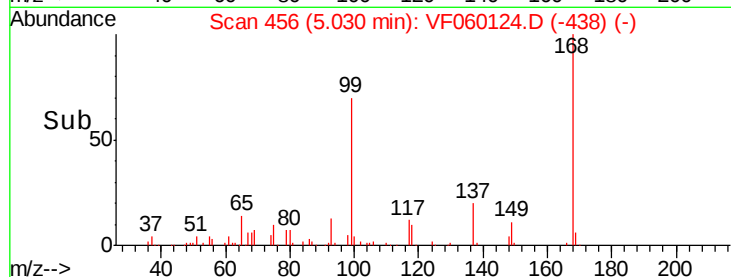
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 8.31 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.02 min

Lab File: VF060124.D

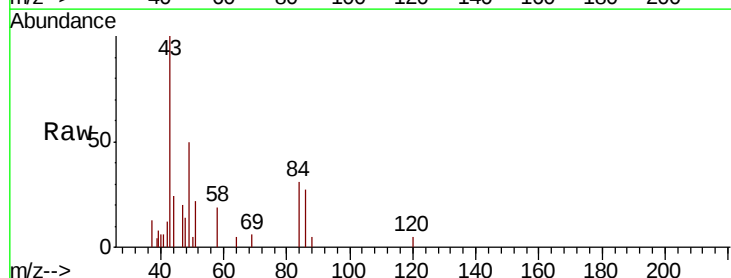
Acq: 27 Aug 2018 14:51

Tgt Ion: 43 Resp: 4841

Ion Ratio Lower Upper

43 100

58 18.5 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

2500

2000

1500

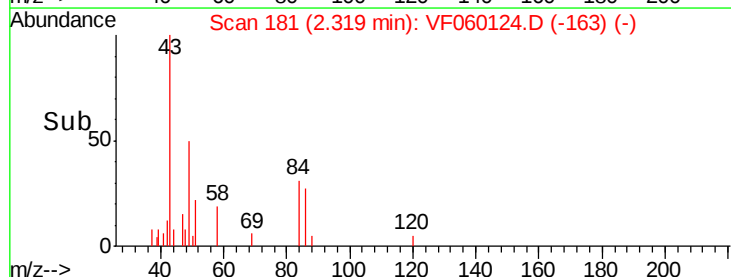
1000

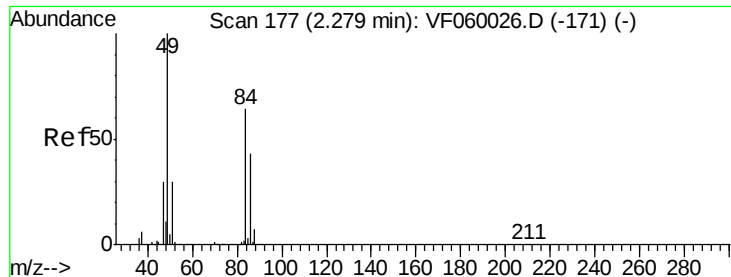
500

0

Time-->

2.25 2.30 2.35

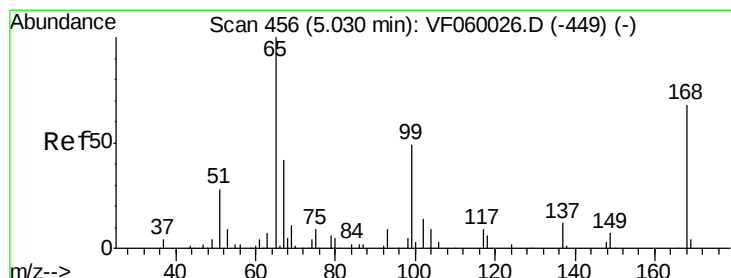
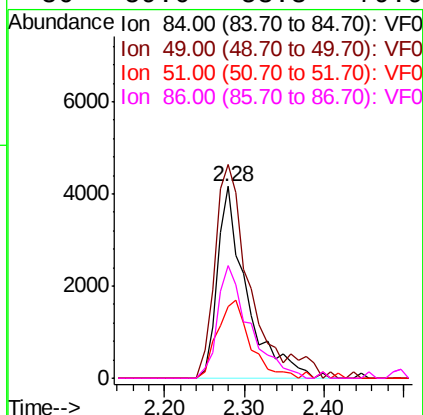
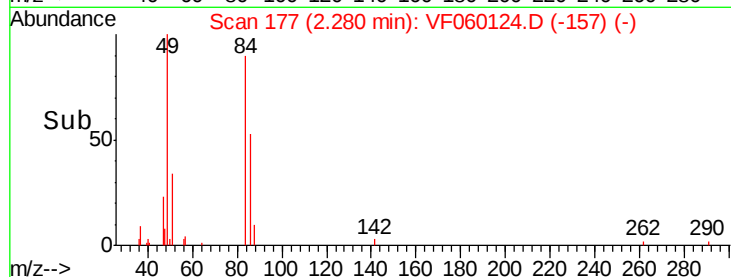
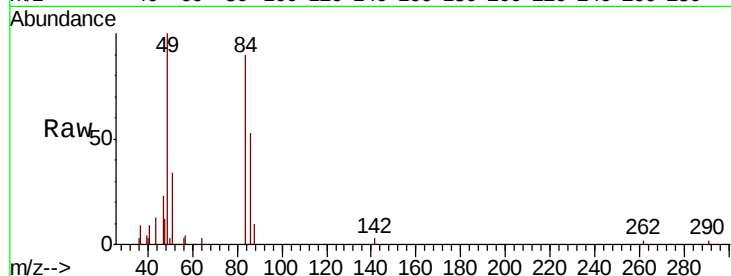




#20
Methvlene Chloride
Concen: 4.78 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF060124.D
Acq: 27 Aug 2018 14:51

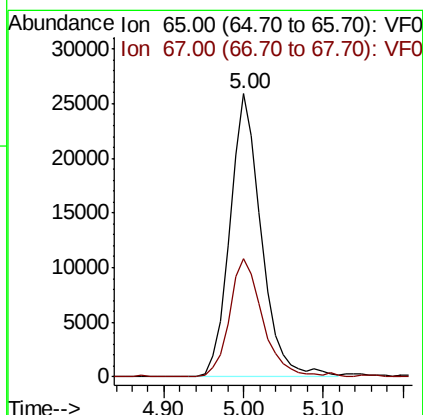
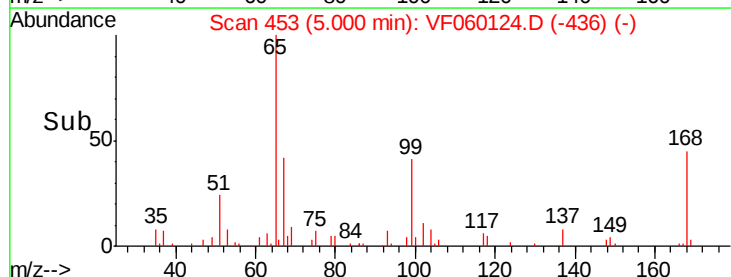
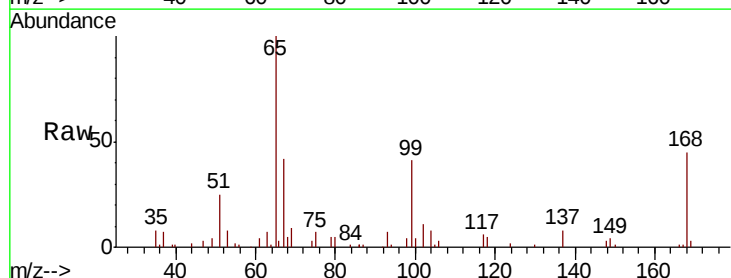
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B5

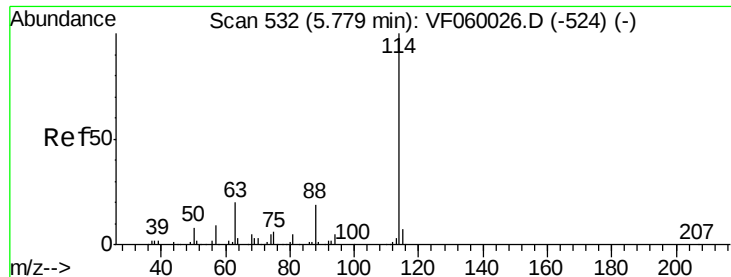
Tot Ion: 84 Resp: 10813
Ion Ratio Lower Upper
84 100
49 111.5 125.4 188.0#
51 37.7 38.3 57.5#
86 59.0 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 32.09 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.03 min
Lab File: VF060124.D
Acq: 27 Aug 2018 14:51

Tgt Ion: 65 Resp: 71170
Ion Ratio Lower Upper
65 100
67 41.6 0.0 92.0

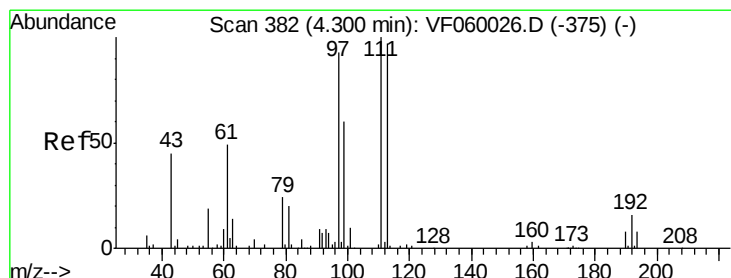
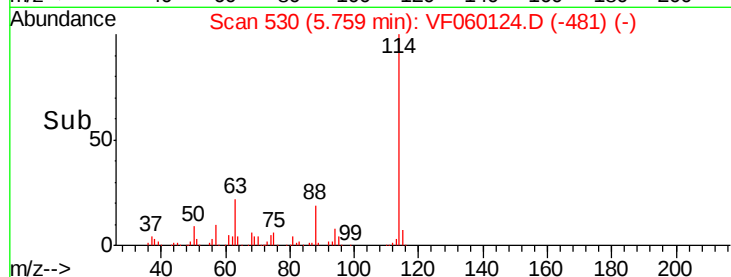
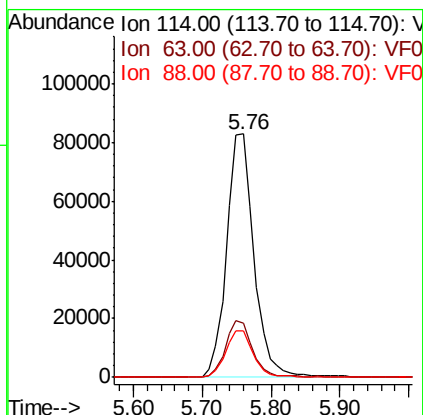
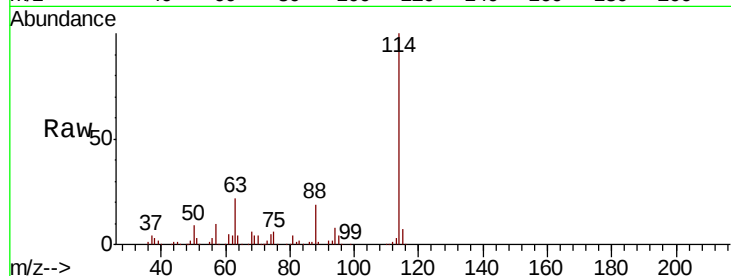




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF060124.D
 Acq: 27 Aug 2018 14:51

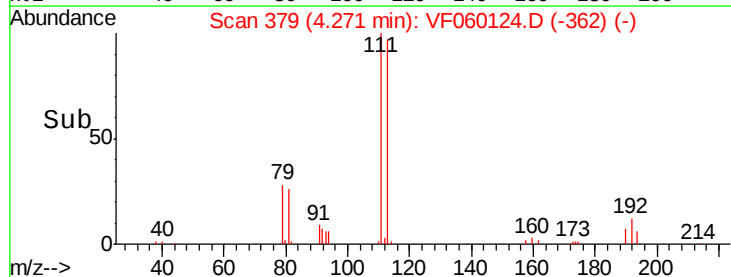
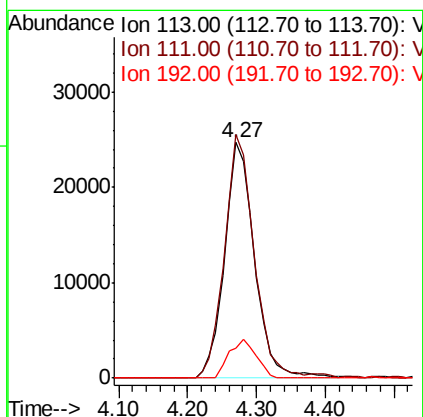
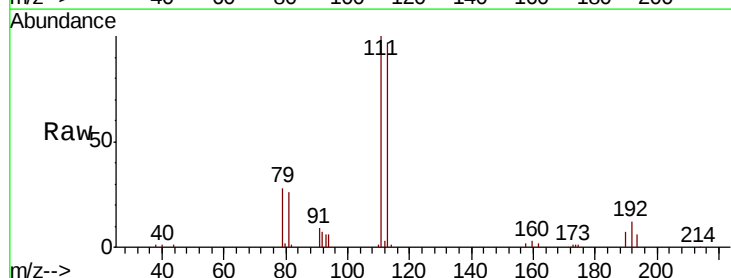
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-B5

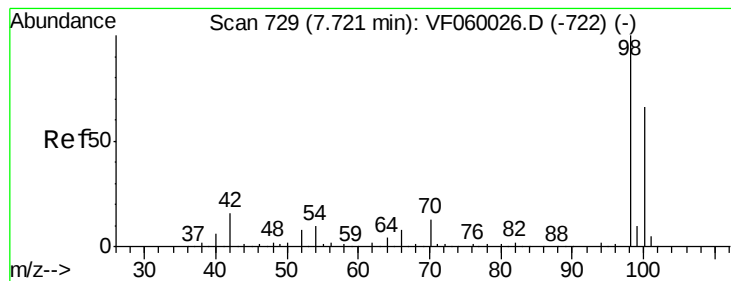
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	40.4
88	18.9	0.0	38.6



#35
 Dibromofluoromethane
 Concen: 41.49 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.03 min
 Lab File: VF060124.D
 Acq: 27 Aug 2018 14:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	12.4	13.0	19.4#





#50

Toluene-d8

Concen: 41.81 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.02 min

Lab File: VF060124.D

Acq: 27 Aug 2018 14:51

Instrument :

MSVOA_F

ClientSampleId :

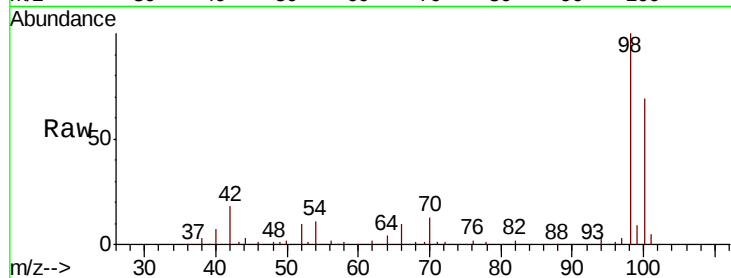
EP1-Q4-B5

Tot Ion: 98 Resp: 213171

Ion Ratio Lower Upper

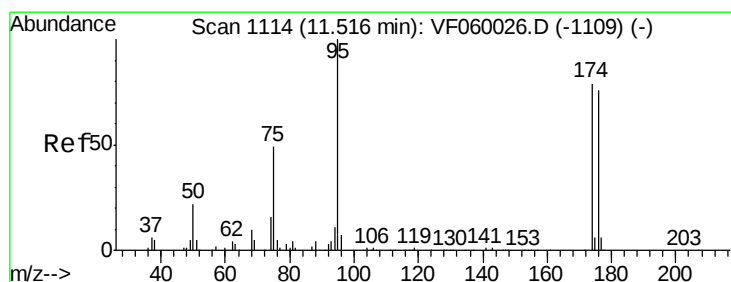
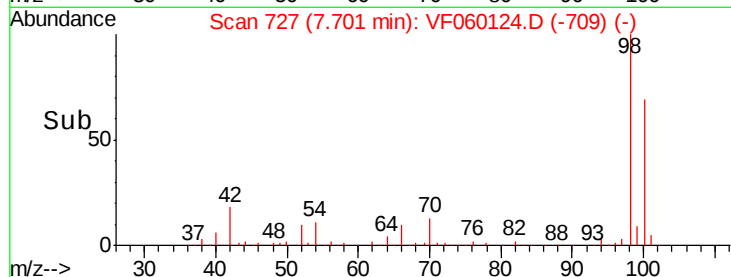
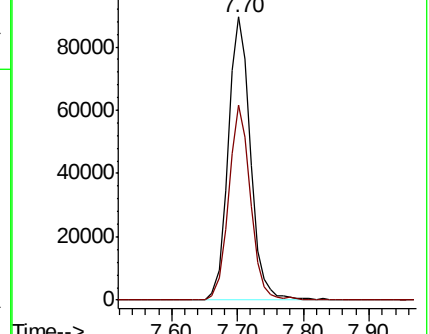
98 100

100 68.8 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 34.28 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF060124.D

Acq: 27 Aug 2018 14:51

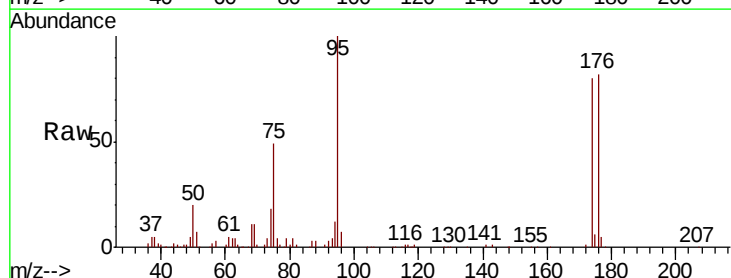
Tgt Ion: 95 Resp: 92456

Ion Ratio Lower Upper

95 100

174 80.1 0.0 158.4

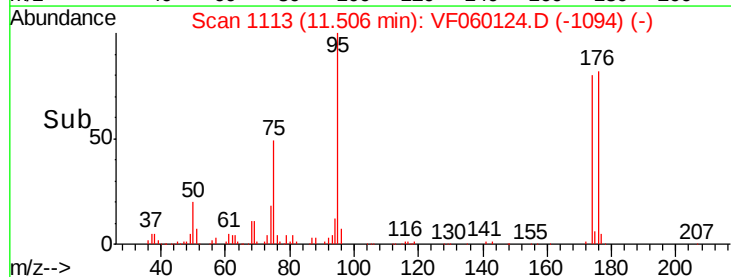
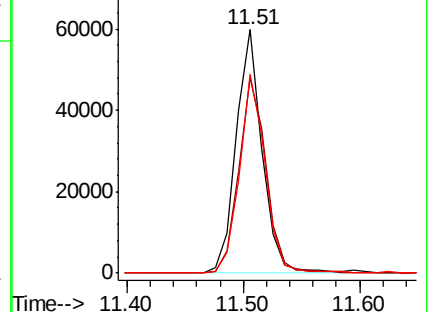
176 81.8 0.0 153.0

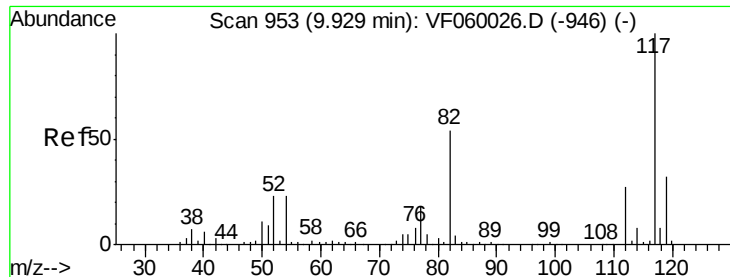


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

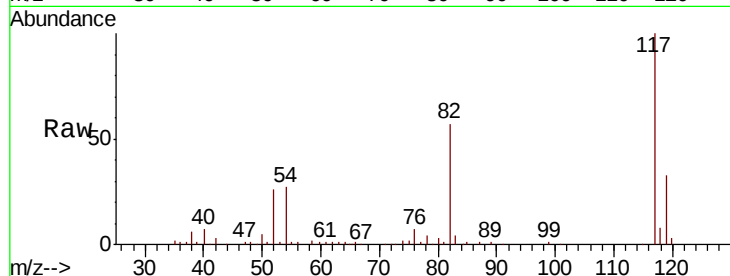




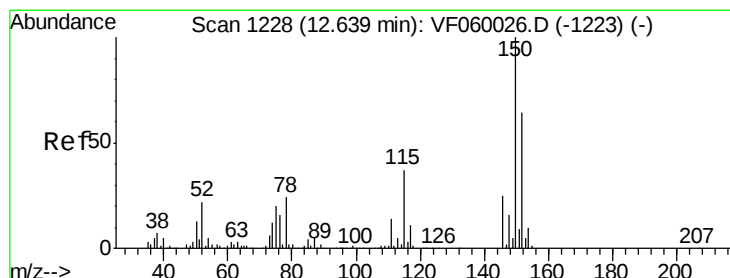
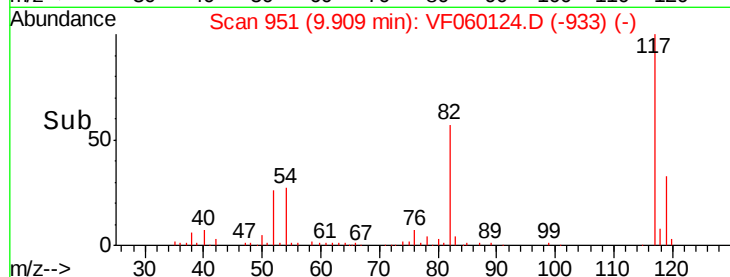
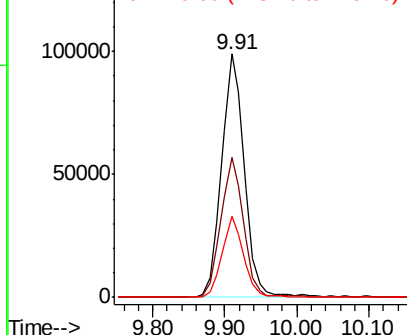
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060124.D
Acq: 27 Aug 2018 14:51

Instrument :
MSVOA_F
ClientSampled :
EP1-Q4-B5

Tot Ion:117 Resp: 215154
Ion Ratio Lower Upper
117 100
82 57.3 43.6 65.4
119 33.3 25.6 38.4

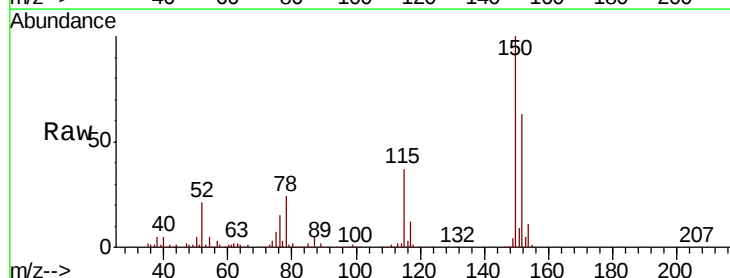


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060124.D
Acq: 27 Aug 2018 14:51

Tgt Ion:152 Resp: 114348
Ion Ratio Lower Upper
152 100
115 57.9 28.6 85.9
150 157.9 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

