

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060128.D
 Acq On : 27 Aug 2018 16:42
 Operator : VA/AP
 Sample : J4646-10
 Misc : 5.10g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-C6

Quant Time: Aug 27 17:12:14 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

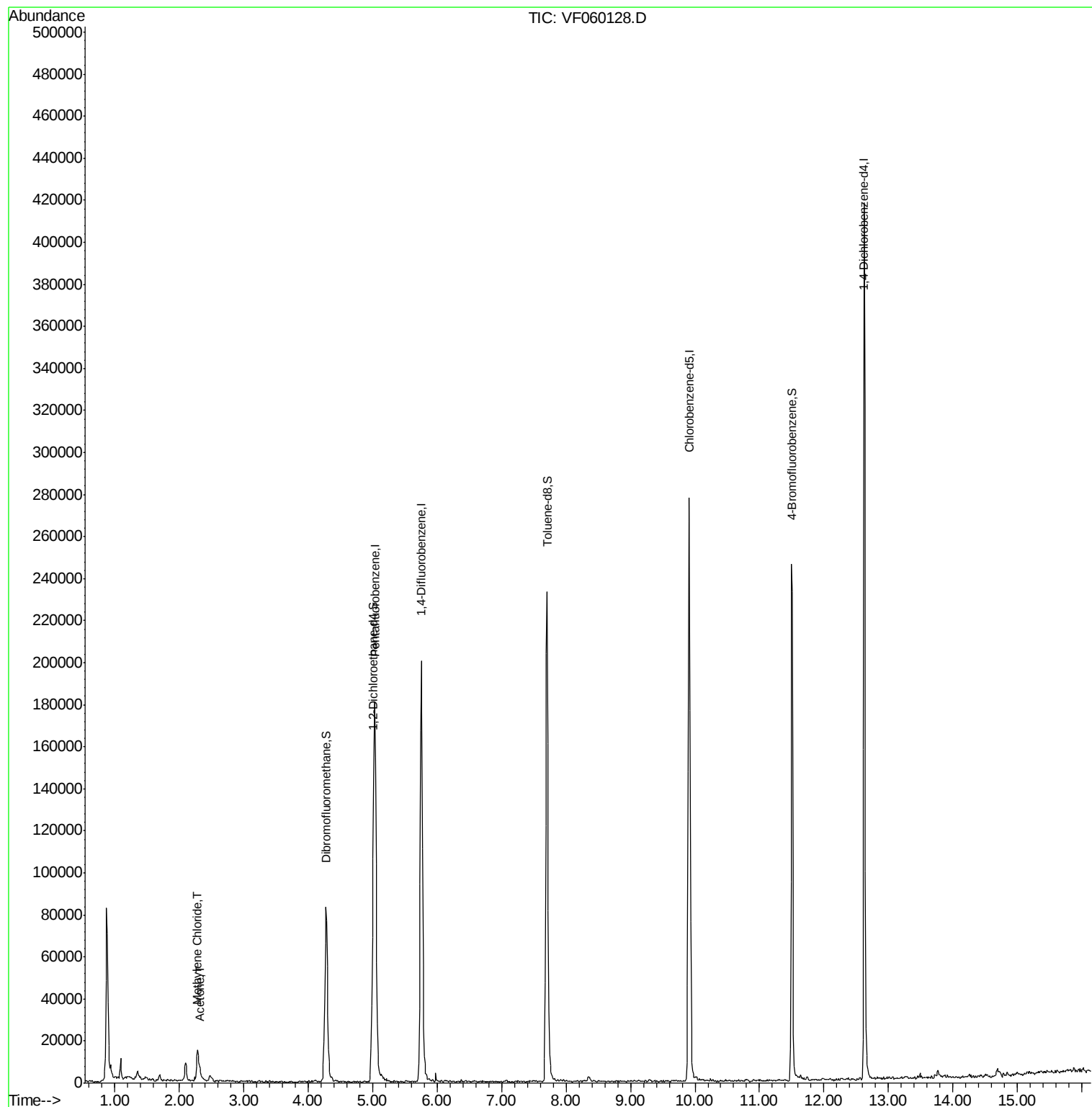
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	146872	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	205105	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	193046	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	98213	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	67850	33.75	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	67.50%	
35) Dibromofluoromethane	4.27	113	73034	45.35	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.70%	
50) Toluene-d8	7.70	98	185971	40.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.32%	
62) 4-Bromofluorobenzene	11.50	95	85541	35.35	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	70.70%	
Target Compounds						
16) Acetone	2.32	43	4665	8.83	ug/l	93
20) Methylene Chloride	2.28	84	8412	3.30	ug/l #	90

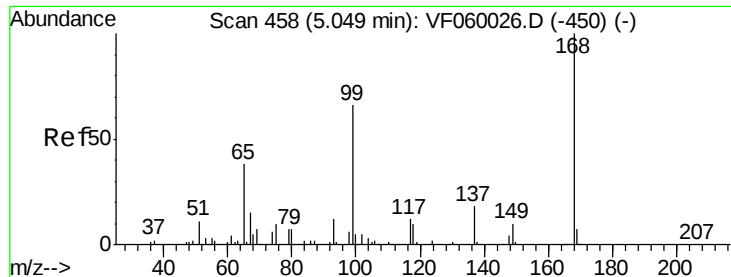
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082718\
Data File : VF060128.D
Acq On : 27 Aug 2018 16:42
Operator : VA/AP
Sample : J4646-10
Misc : 5.10g/5mL/MSVOA F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-C6

Quant Time: Aug 27 17:12:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
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# 457

Delta R.T. -0.02 min

Lab File: VF060128.D

Acq: 27 Aug 2018 16:42

Instrument :

MSVOA_F

ClientSampleId :

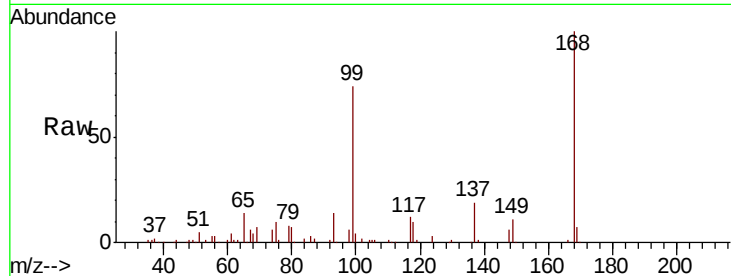
EP1-Q4-C6

Tot Ion:168 Resp: 146872

Ion Ratio Lower Upper

168 100

99 74.4 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

40000

30000

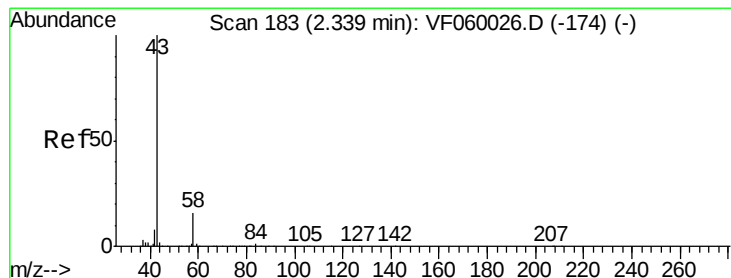
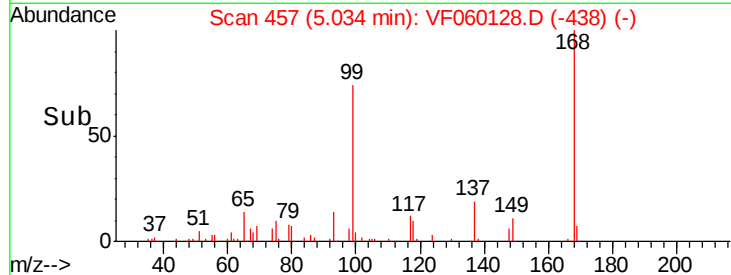
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 8.83 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.02 min

Lab File: VF060128.D

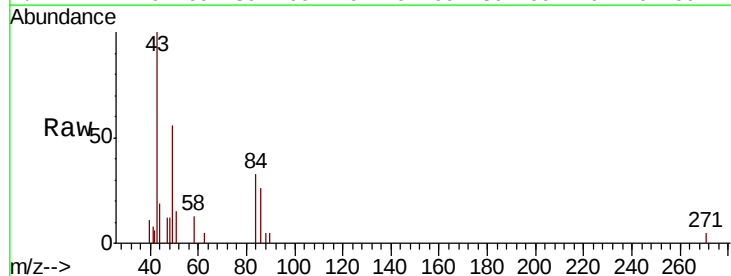
Acq: 27 Aug 2018 16:42

Tgt Ion: 43 Resp: 4665

Ion Ratio Lower Upper

43 100

58 12.8 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

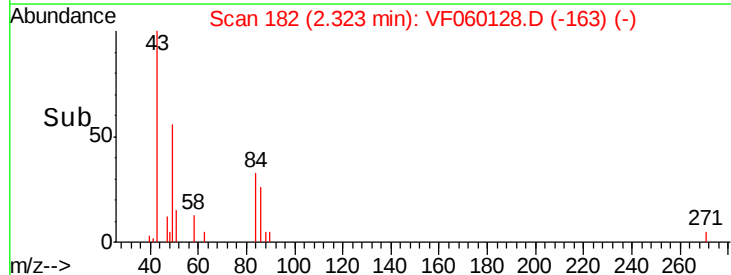
1000

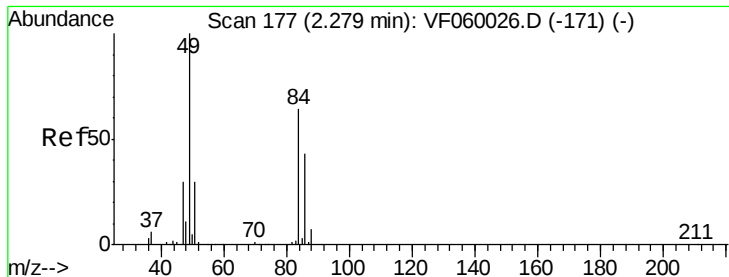
500

0

2.20 2.30 2.40

Time-->





#20

Methylene Chloride

Concen: 3.30 ug/l

RT: 2.28 min Scan# 178

Delta R.T. 0.00 min

Lab File: VF060128.D

Acq: 27 Aug 2018 16:42

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-C6

Tot Ion: 84 Resp: 8412

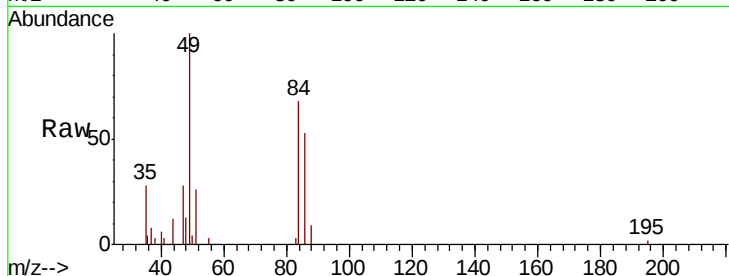
Ion Ratio Lower Upper

84 100

49 147.2 125.4 188.0

51 38.2 38.3 57.5#

86 77.5 53.3 79.9

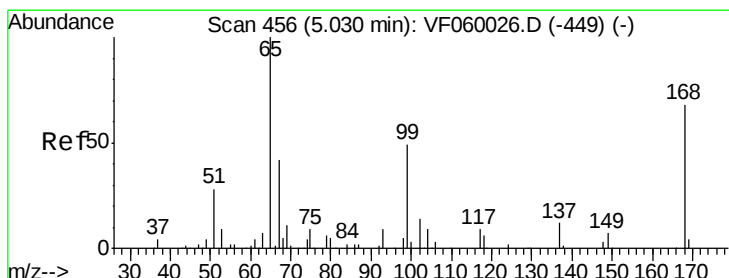
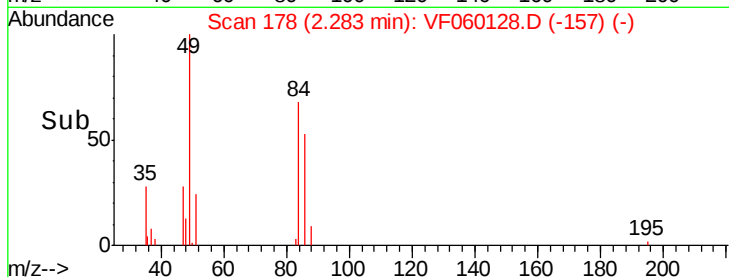
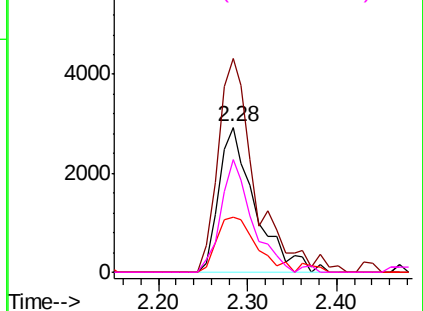


Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 33.75 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.03 min

Lab File: VF060128.D

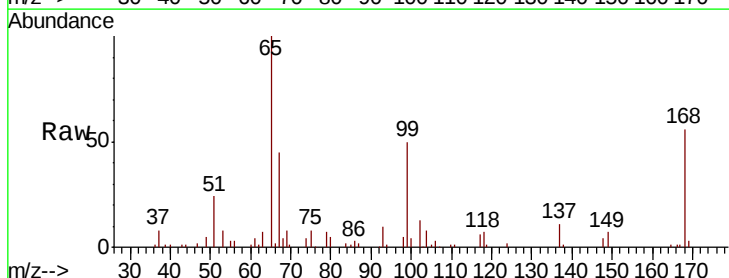
Acq: 27 Aug 2018 16:42

Tgt Ion: 65 Resp: 67850

Ion Ratio Lower Upper

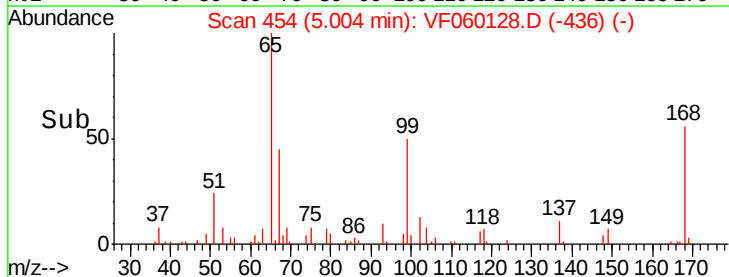
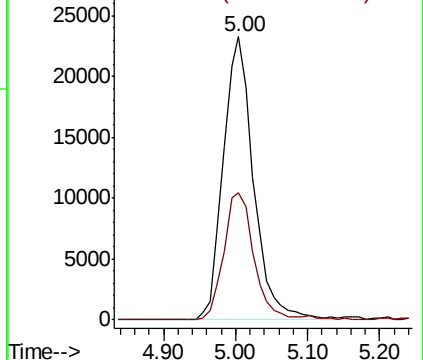
65 100

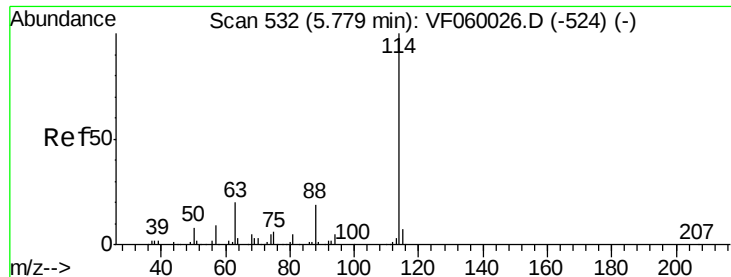
67 45.0 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.03 min

Lab File: VF060128.D

Acq: 27 Aug 2018 16:42

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-C6

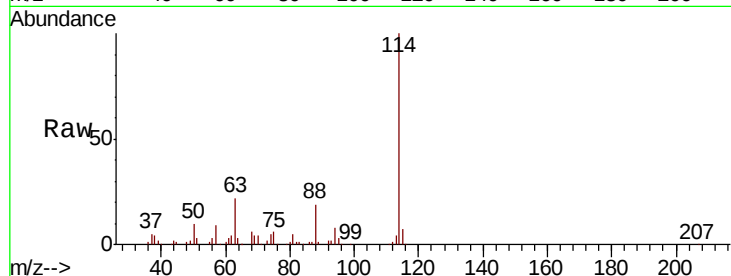
Tot Ion:114 Resp: 205105

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.4

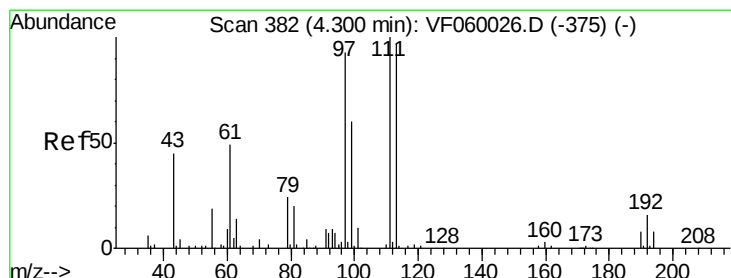
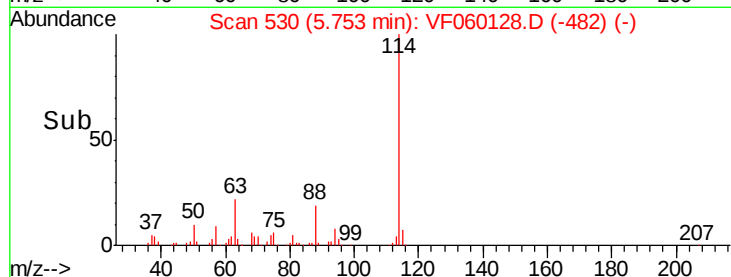
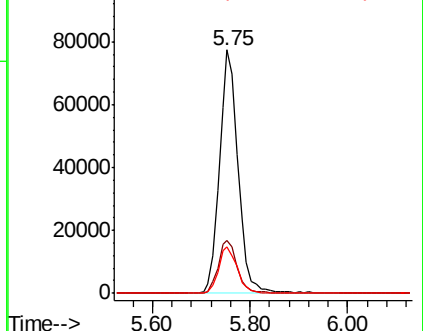
88 19.2 0.0 38.6



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: 45.35 ug/l

RT: 4.27 min Scan# 380

Delta R.T. -0.03 min

Lab File: VF060128.D

Acq: 27 Aug 2018 16:42

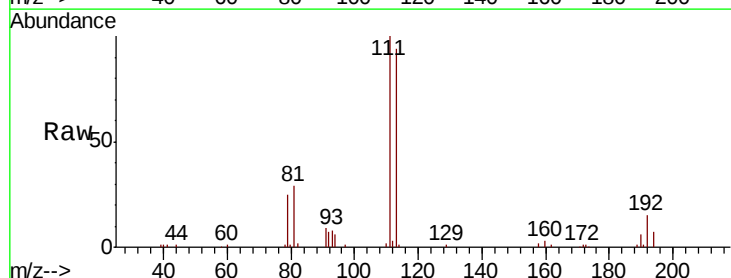
Tgt Ion:113 Resp: 73034

Ion Ratio Lower Upper

113 100

111 104.8 82.7 124.1

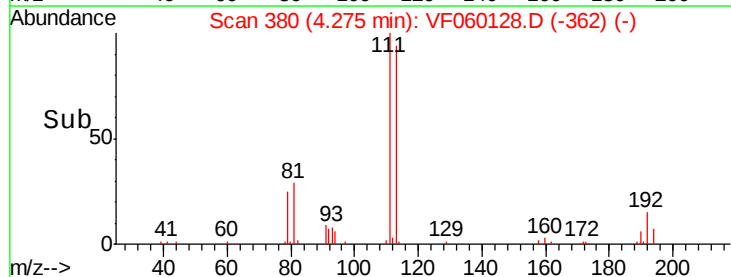
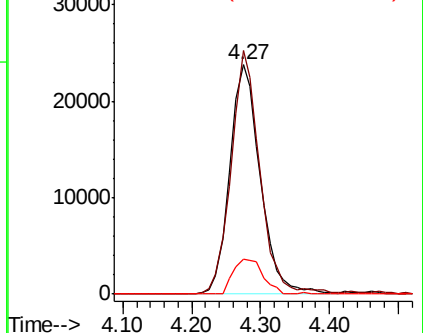
192 15.2 13.0 19.4

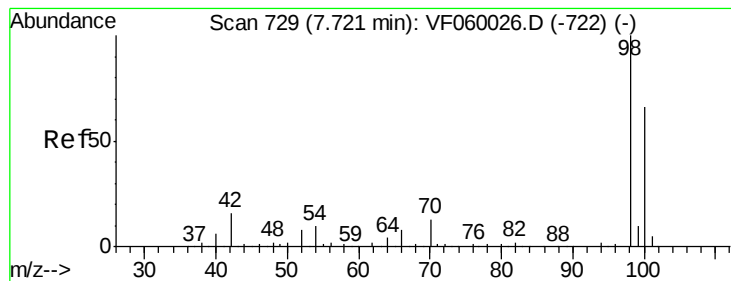


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 40.66 ug/l

RT: 7.70 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF060128.D

Acq: 27 Aug 2018 16:42

Instrument :

MSVOA_F

ClientSampleId :

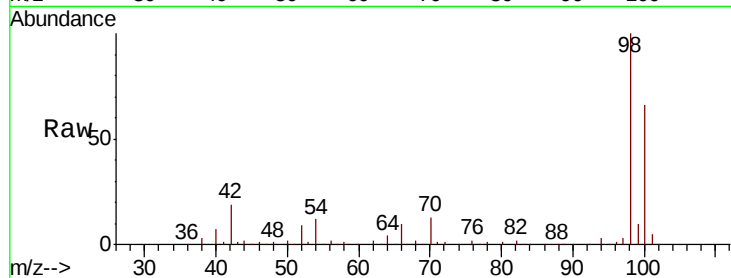
EP1-Q4-C6

Tot Ion: 98 Resp: 185971

Ion Ratio Lower Upper

98 100

100 66.3 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

80000

60000

40000

20000

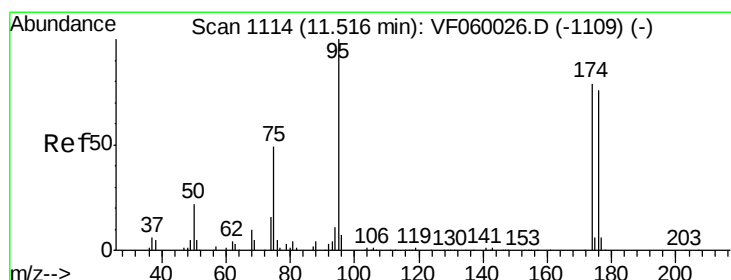
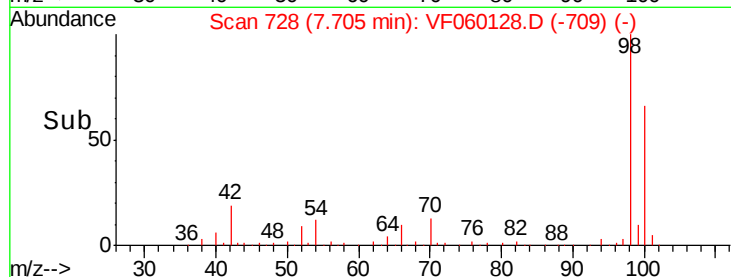
0

7.60

7.70

7.80

Time-->



#62

4-Bromofluorobenzene

Concen: 35.35 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.02 min

Lab File: VF060128.D

Acq: 27 Aug 2018 16:42

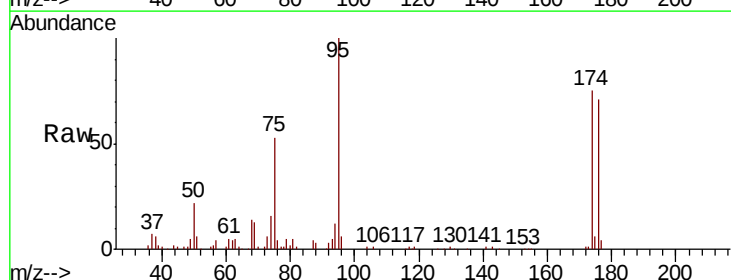
Tgt Ion: 95 Resp: 85541

Ion Ratio Lower Upper

95 100

174 74.9 0.0 158.4

176 70.6 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

60000

40000

20000

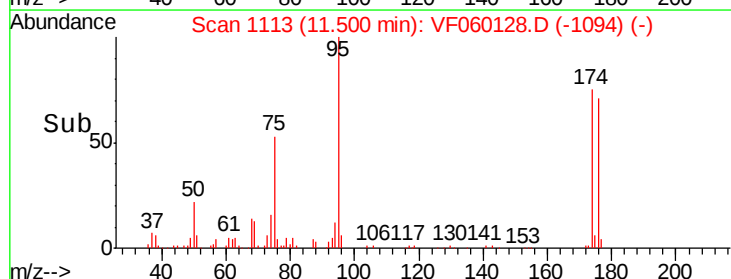
0

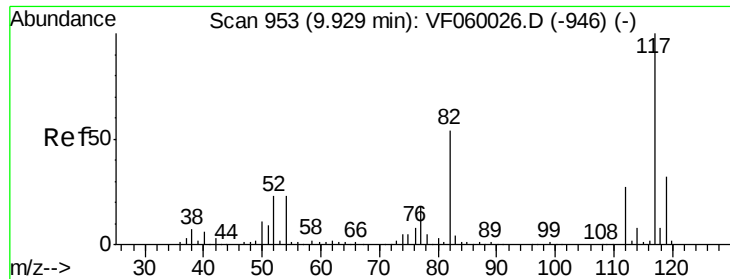
11.40

11.50

11.60

Time-->

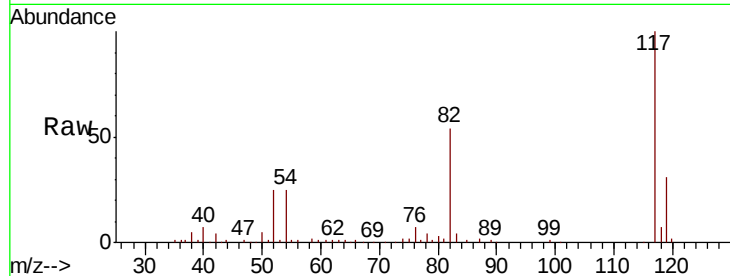




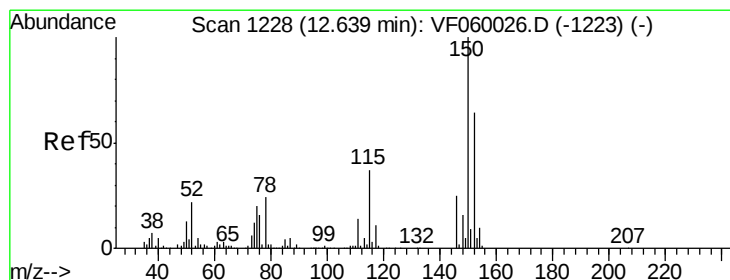
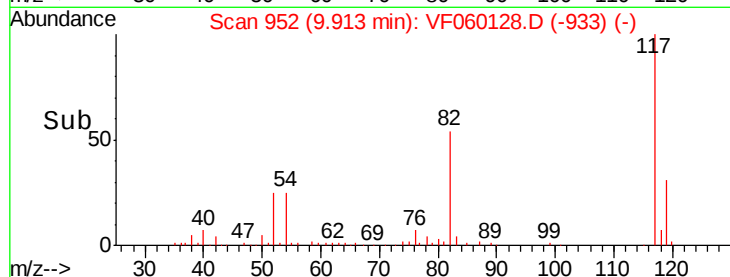
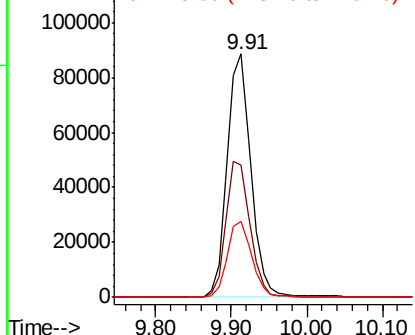
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF060128.D
Acq: 27 Aug 2018 16:42

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-C6

Tot Ion:117 Resp: 193046
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 31.1 25.6 38.4

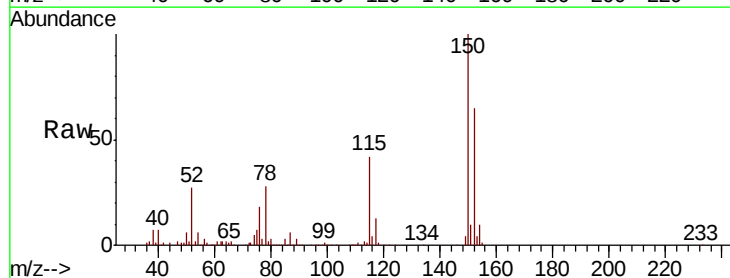


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF060128.D
Acq: 27 Aug 2018 16:42

Tgt Ion:152 Resp: 98213
Ion Ratio Lower Upper
152 100
115 64.7 28.6 85.9
150 152.9 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

