

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060083.D
 Acq On : 24 Aug 2018 6:54
 Operator : VA/AP
 Sample : J4581-10
 Misc : 5.98g/5mL/MSVOA F/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-C2

Quant Time: Aug 24 09:01:30 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

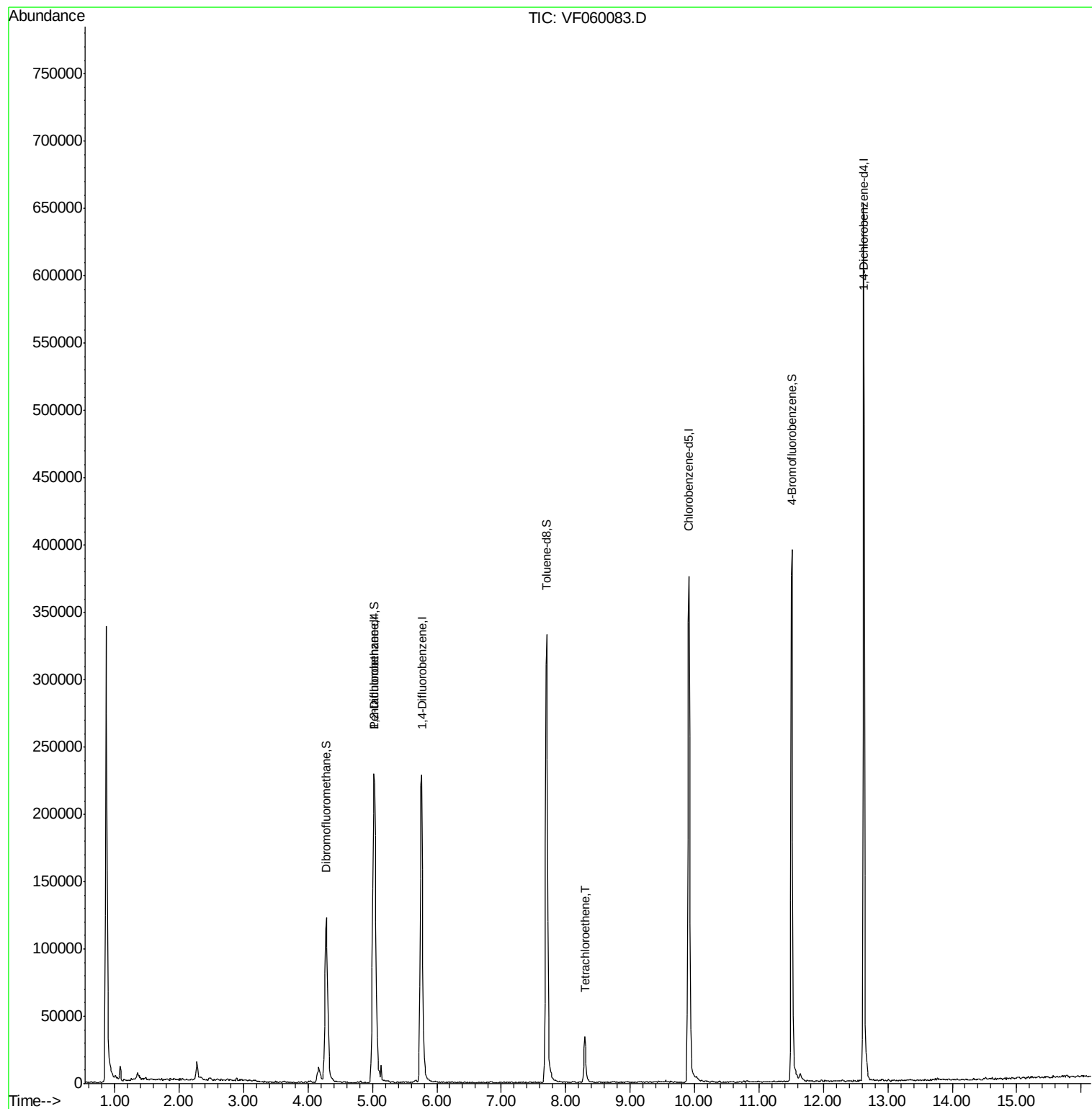
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	154379	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	239122	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	268447	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	161730	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	126802	60.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.02%	
35) Dibromofluoromethane	4.29	113	114714	61.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	122.18%	
50) Toluene-d8	7.71	98	281632	52.81	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	11.51	95	148472	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
Target Compounds						
64) Tetrachloroethene	8.30	164	9299	5.14	ug/l	Qvalue 92

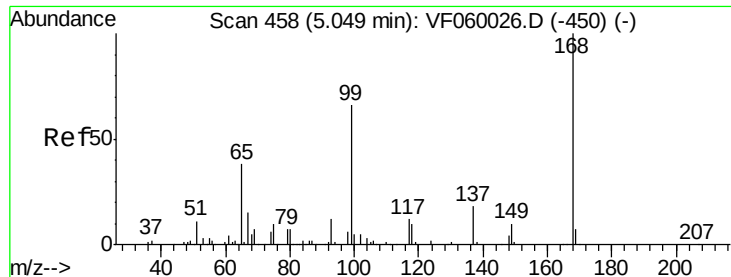
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 457

Delta R.T. -0.01 min

Lab File: VF060083.D

Acq: 24 Aug 2018 6:54

Instrument :

MSVOA_F

ClientSampleId :

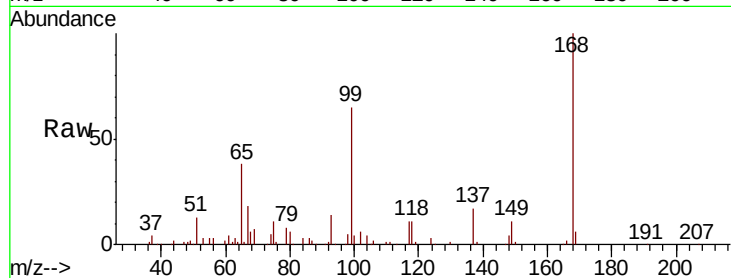
EP1-Q3-C2

Tot Ion:168 Resp: 154379

Ion Ratio Lower Upper

168 100

99 64.7 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

60000

50000

40000

30000

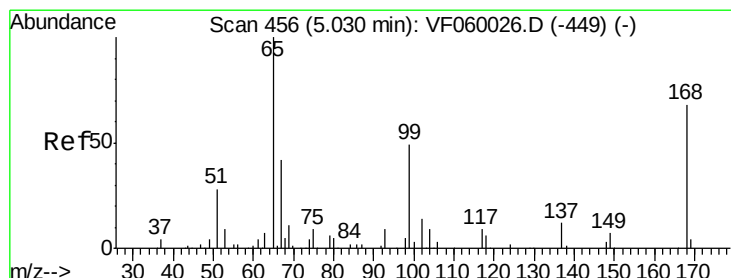
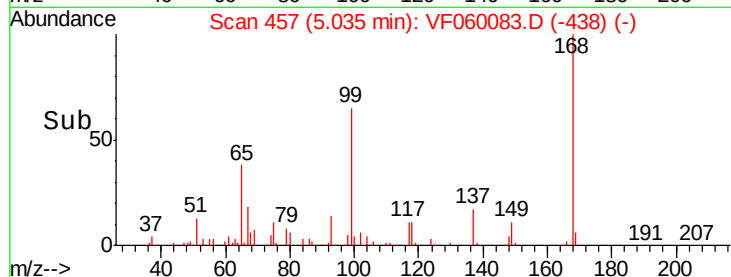
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 60.01 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF060083.D

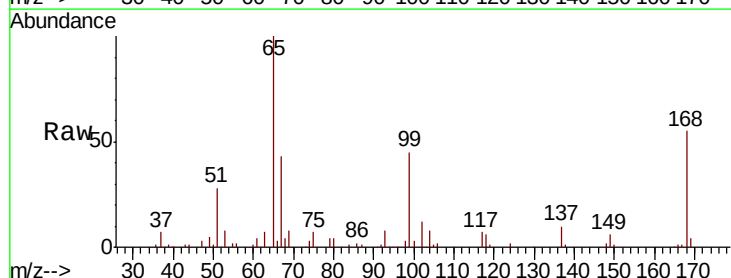
Acq: 24 Aug 2018 6:54

Tgt Ion: 65 Resp: 126802

Ion Ratio Lower Upper

65 100

67 43.4 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

50000

40000

30000

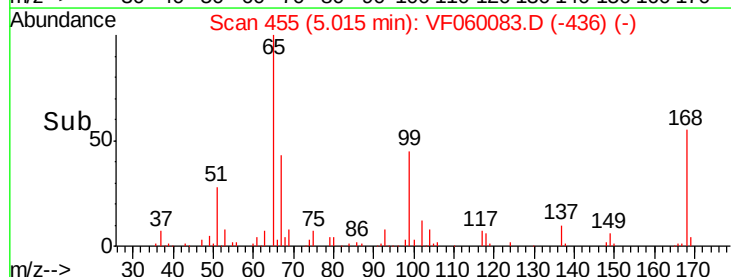
20000

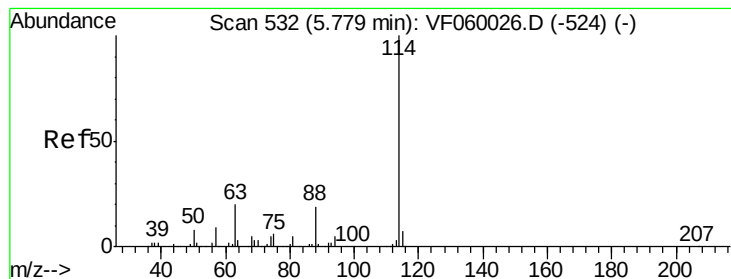
10000

0

Time-->

4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF060083.D

Acq: 24 Aug 2018 6:54

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-C2

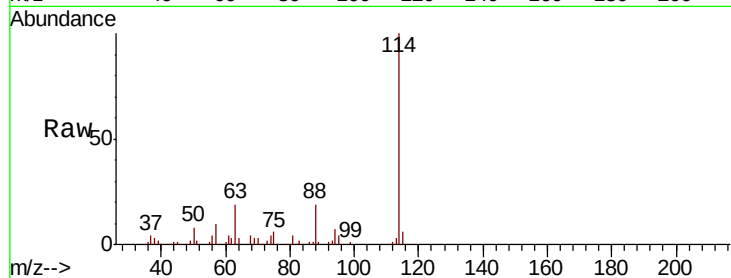
Tot Ion:114 Resp: 239122

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.4

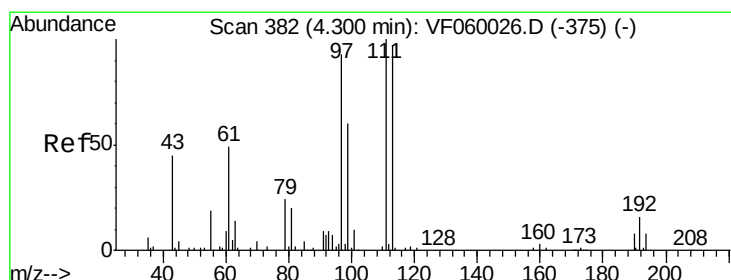
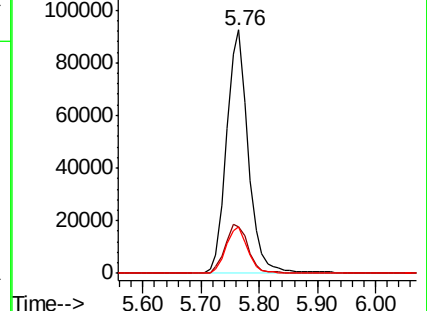
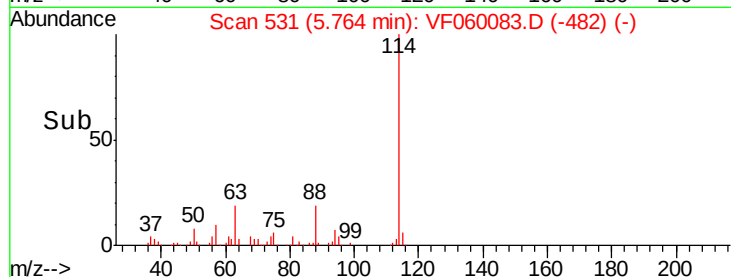
88 19.2 0.0 38.6



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: 61.09 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF060083.D

Acq: 24 Aug 2018 6:54

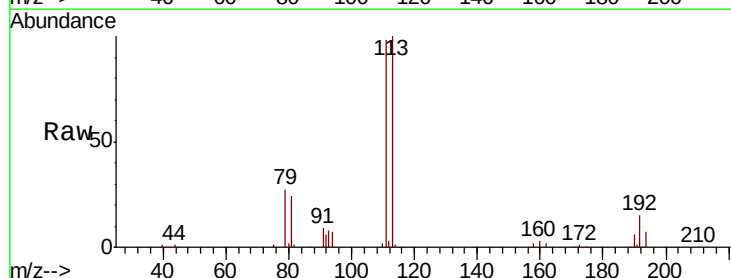
Tgt Ion:113 Resp: 114714

Ion Ratio Lower Upper

113 100

111 98.1 82.7 124.1

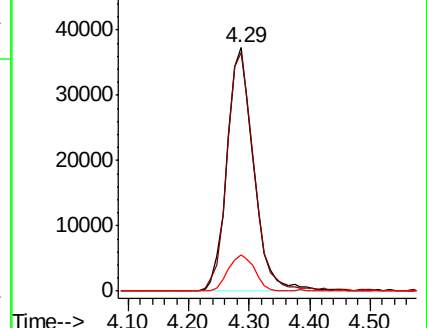
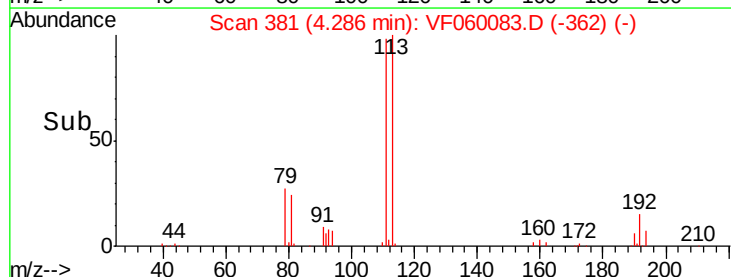
192 15.1 13.0 19.4

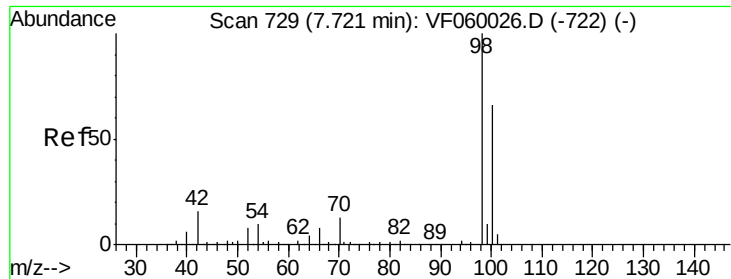


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

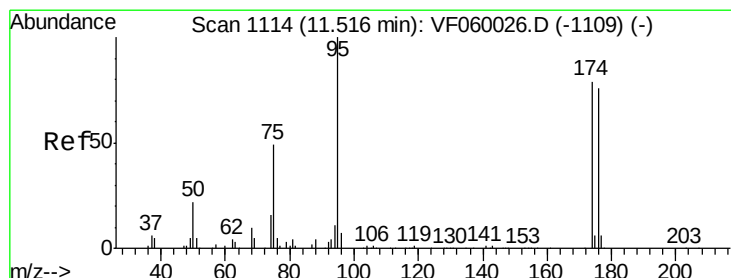
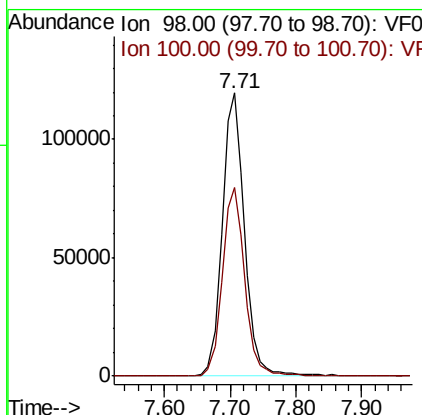
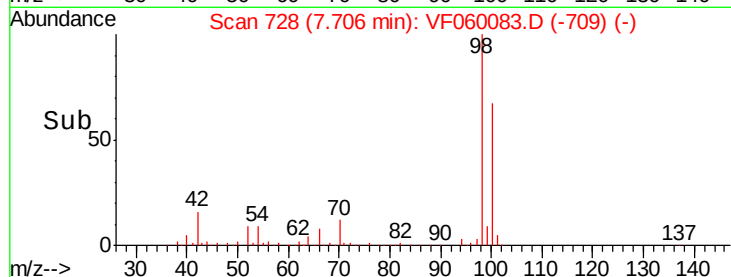
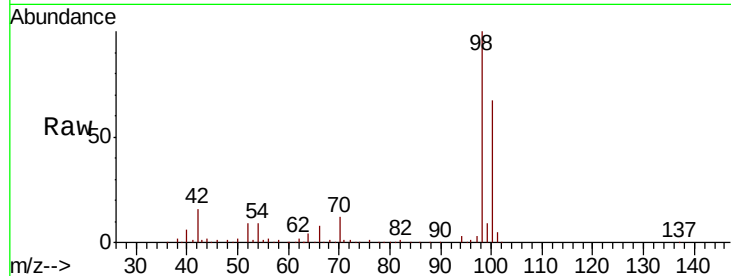




#50
Toluene-d8
Concen: 52.81 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF060083.D
Acq: 24 Aug 2018 6:54

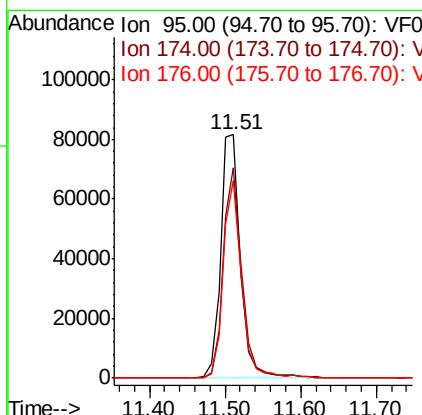
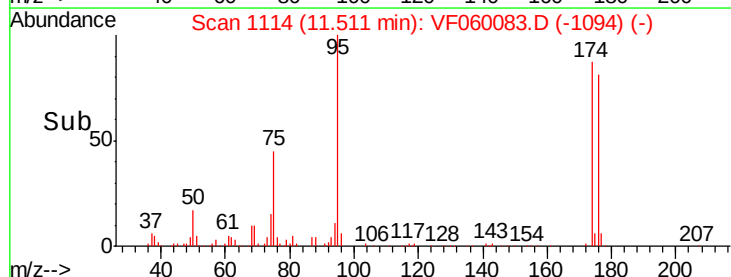
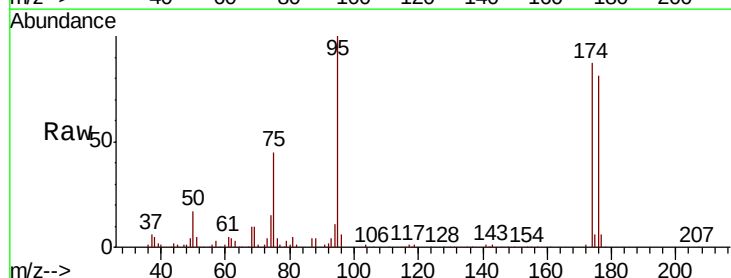
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-C2

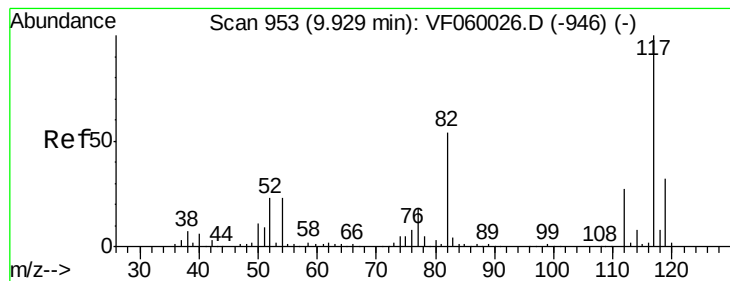
Tot Ion: 98 Resp: 281632
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 52.63 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF060083.D
Acq: 24 Aug 2018 6:54

Tgt Ion: 95 Resp: 148472
Ion Ratio Lower Upper
95 100
174 86.6 0.0 158.4
176 81.4 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: VF060083.D

Acq: 24 Aug 2018 6:54

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-C2

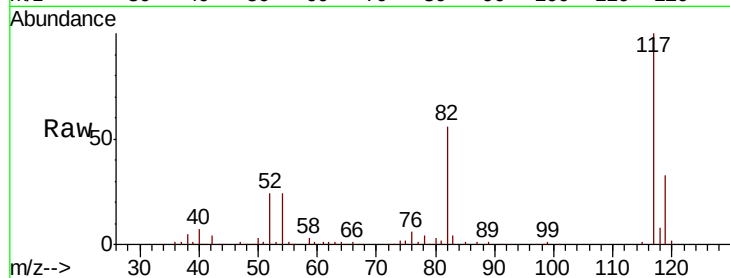
Tot Ion:117 Resp: 268447

Ion Ratio Lower Upper

117 100

82 56.3 43.6 65.4

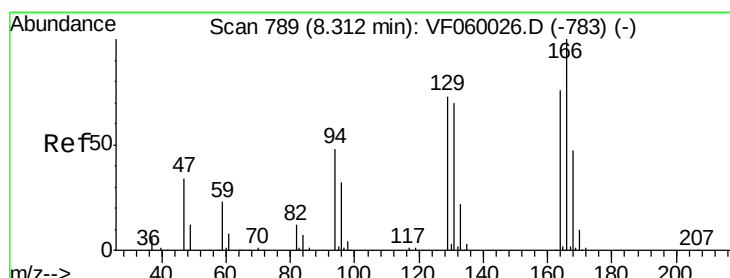
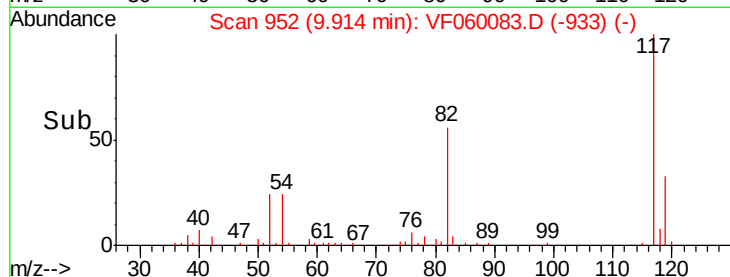
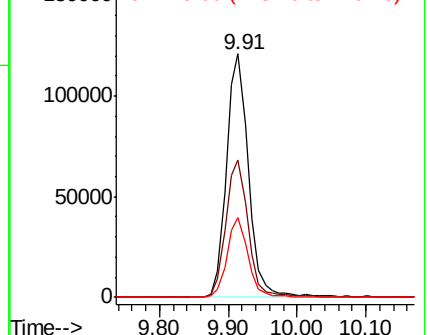
119 32.8 25.6 38.4



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



#64

Tetrachloroethene

Concen: 5.14 ug/l

RT: 8.30 min Scan# 788

Delta R.T. -0.01 min

Lab File: VF060083.D

Acq: 24 Aug 2018 6:54

Tgt Ion:164 Resp: 9299

Ion Ratio Lower Upper

164 100

166 120.9 104.7 157.1

129 91.9 77.0 115.4

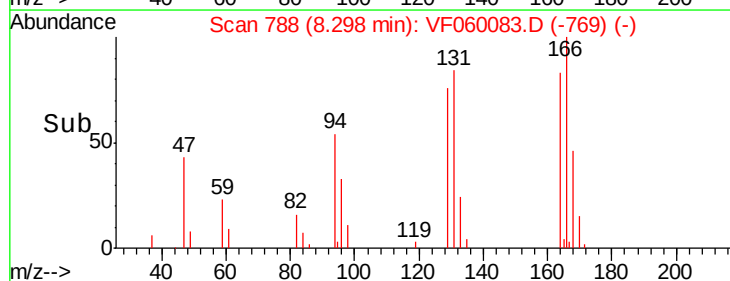
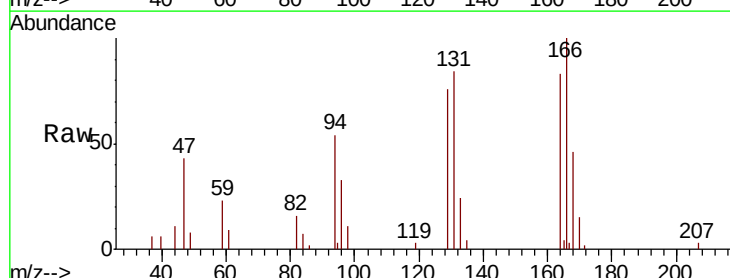
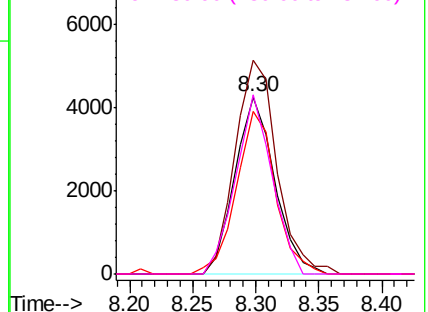
131 101.3 72.9 109.3

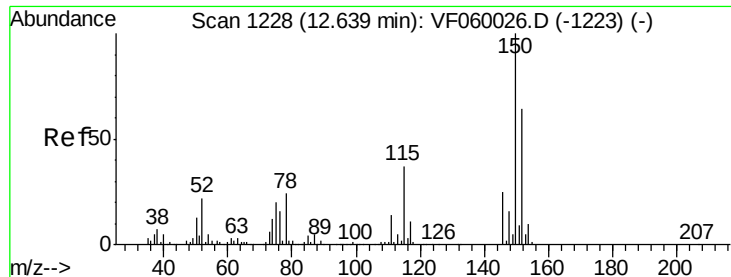
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): 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: VF060083.D

Acq: 24 Aug 2018 6:54

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-C2

Tot Ion:152 Resp: 161730

Ion Ratio Lower Upper

152 100

115 62.0 28.6 85.9

150 152.7 0.0 312.0

