

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060061.D
 Acq On : 23 Aug 2018 18:56
 Operator : VA/AP
 Sample : J4581-03
 Misc : 5.48g/5mL/MSVOA F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-A3

Quant Time: Aug 24 03:55:55 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	5.05	168	180595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	277254	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	305776	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	175123	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	129661	52.46	ug/l	0.00
Spiked Amount						
			Recovery	=	104.92%	
35) Dibromofluoromethane	4.29	113	124575	57.22	ug/l	-0.01
Spiked Amount						
			Recovery	=	114.44%	
50) Toluene-d8	7.71	98	305195	49.36	ug/l	-0.01
Spiked Amount						
			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.51	95	169106	51.70	ug/l	0.00
Spiked Amount						
			Recovery	=	103.40%	

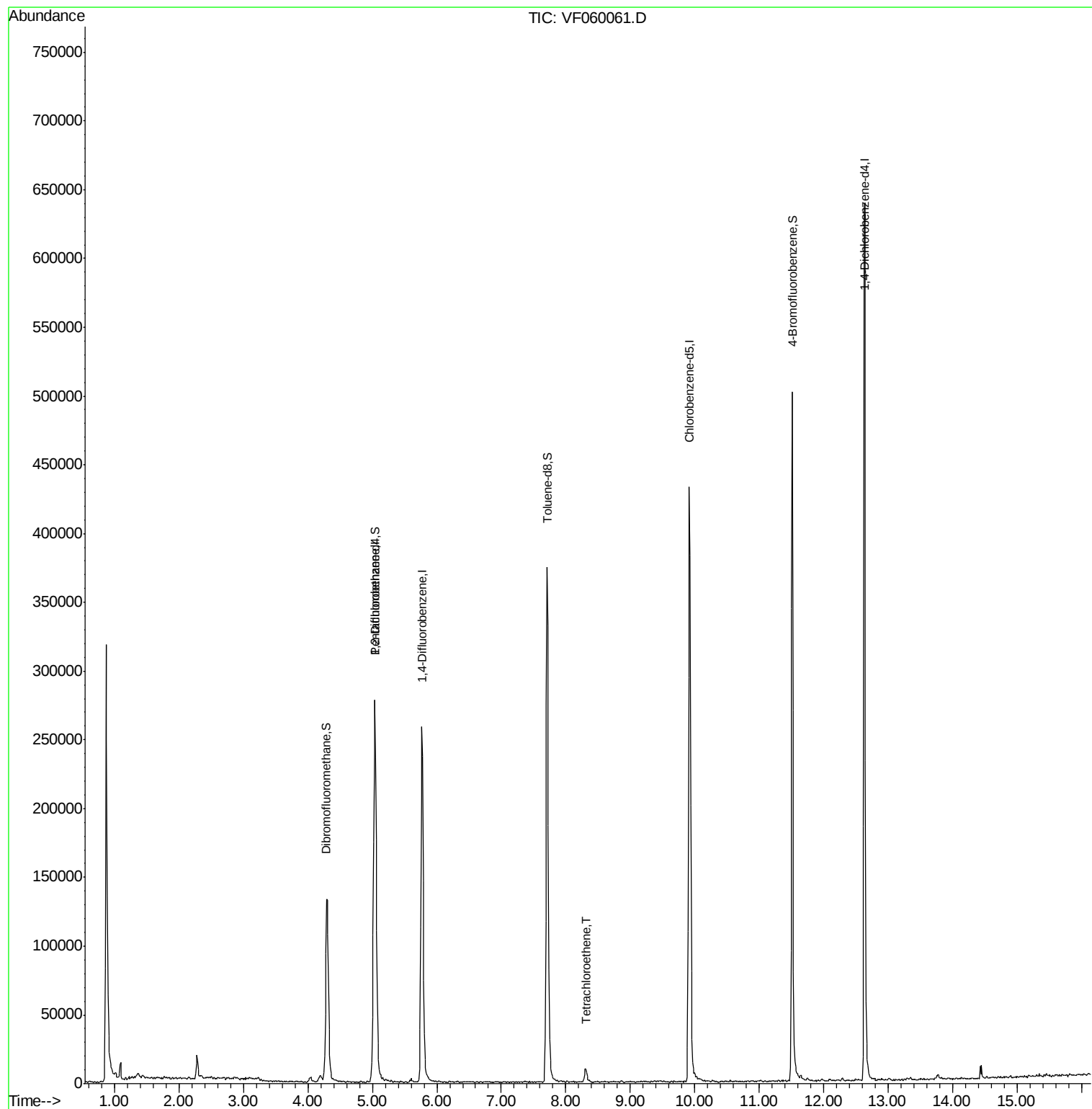
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	8.31	164	2990	1.45	ug/l	93

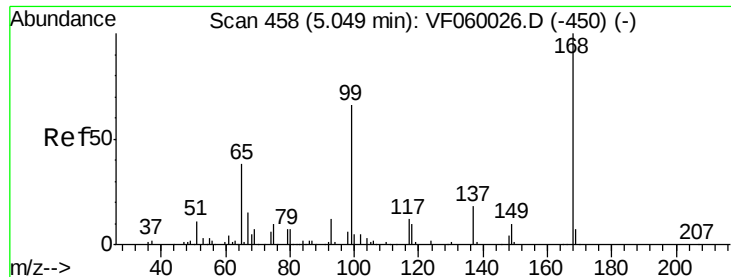
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF060061.D

Acq: 23 Aug 2018 18:56

Instrument :

MSVOA_F

ClientSampleId :

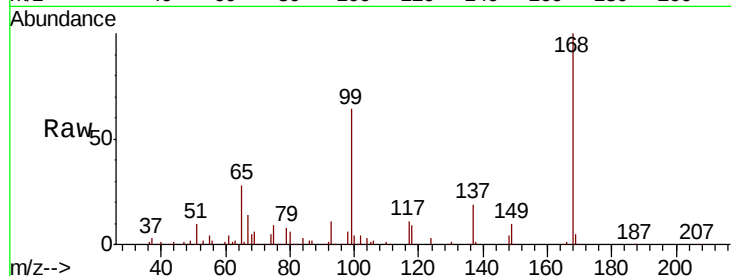
EP1-Q3-A3

Tot Ion:168 Resp: 180595

Ion Ratio Lower Upper

168 100

99 63.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

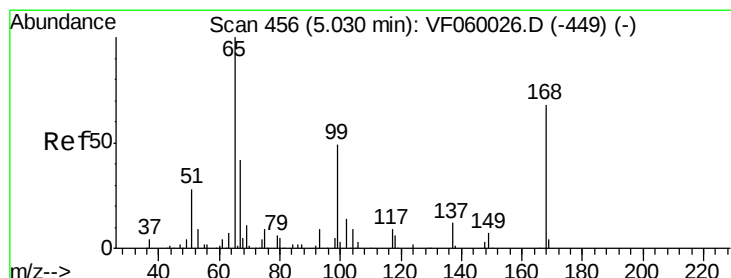
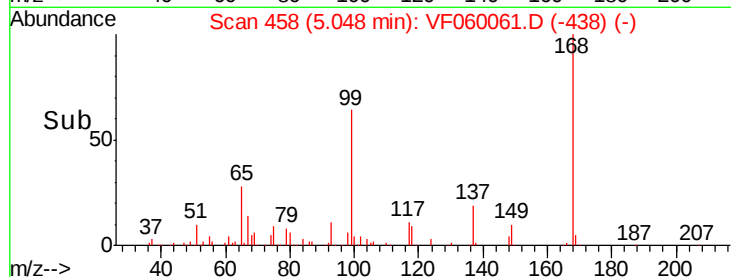
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 52.46 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF060061.D

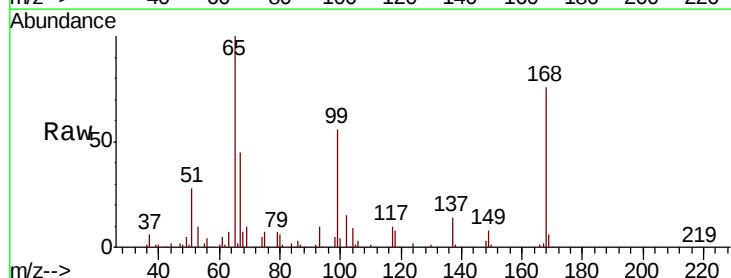
Acq: 23 Aug 2018 18:56

Tgt Ion: 65 Resp: 129661

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

5.03

50000

40000

30000

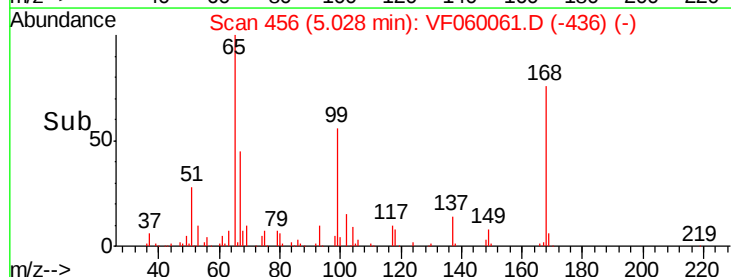
20000

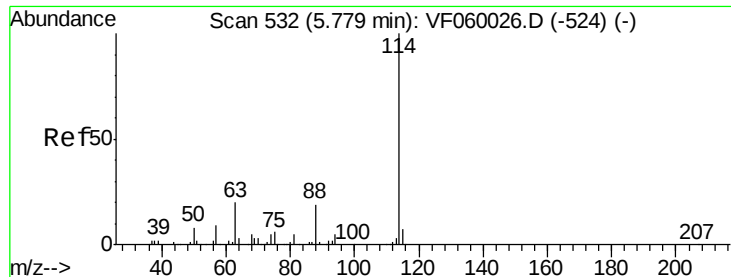
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF060061.D

Acq: 23 Aug 2018 18:56

Instrument :

MSVOA_F

ClientSampled :

EP1-Q3-A3

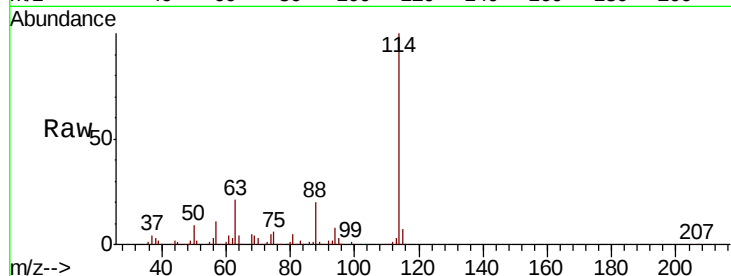
Tot Ion:114 Resp: 277254

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.4

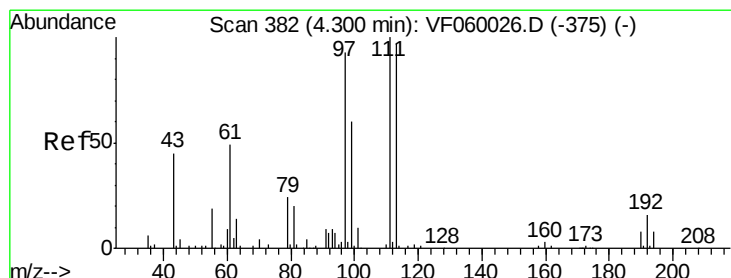
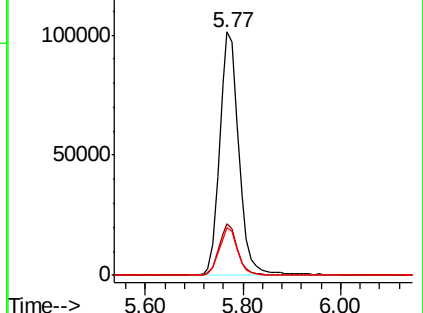
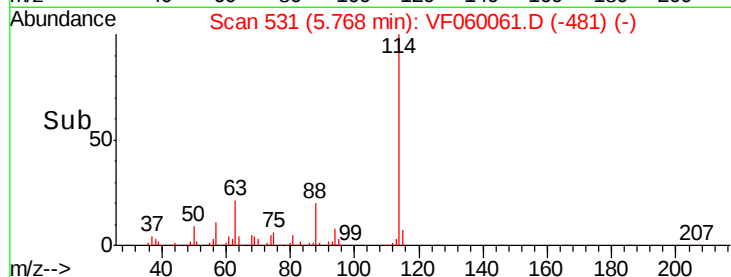
88 19.7 0.0 38.6



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: 57.22 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF060061.D

Acq: 23 Aug 2018 18:56

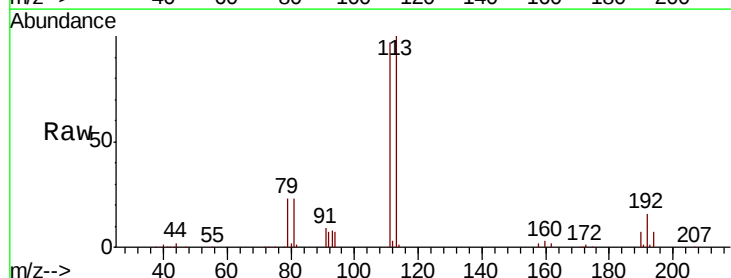
Tgt Ion:113 Resp: 124575

Ion Ratio Lower Upper

113 100

111 96.2 82.7 124.1

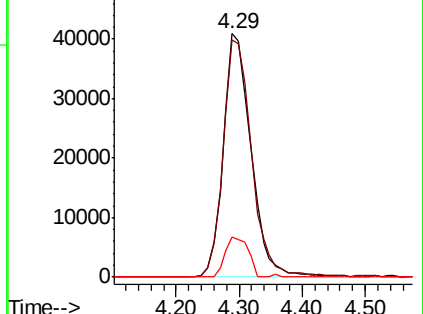
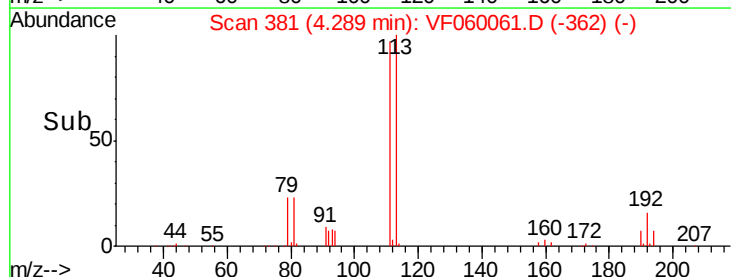
192 16.1 13.0 19.4

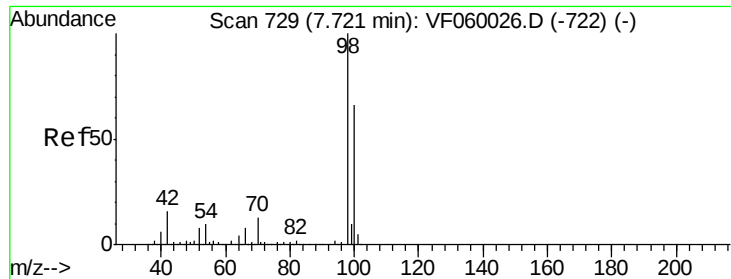


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

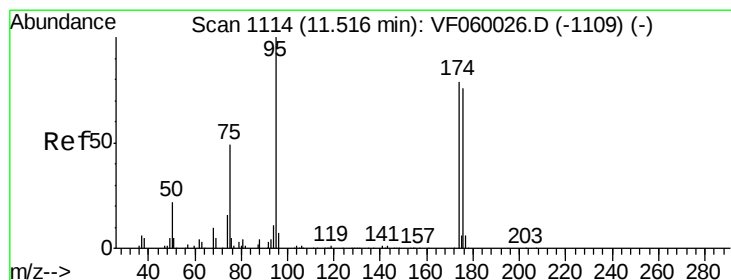
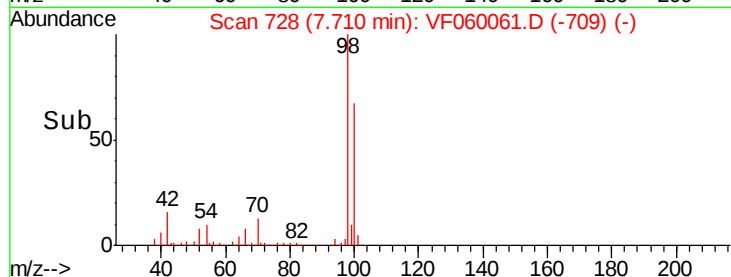
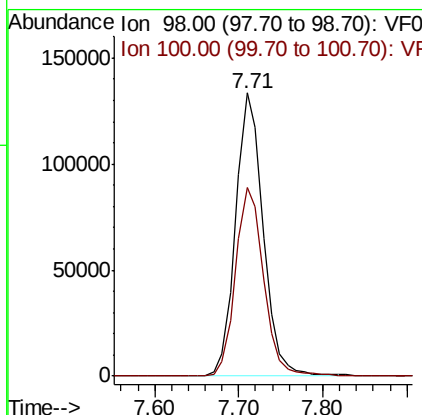
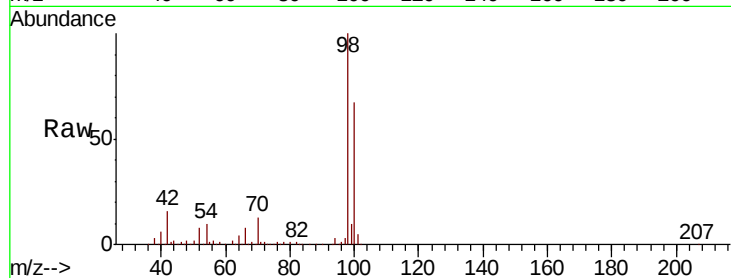




#50
Toluene-d8
Concen: 49.36 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF060061.D
Acq: 23 Aug 2018 18:56

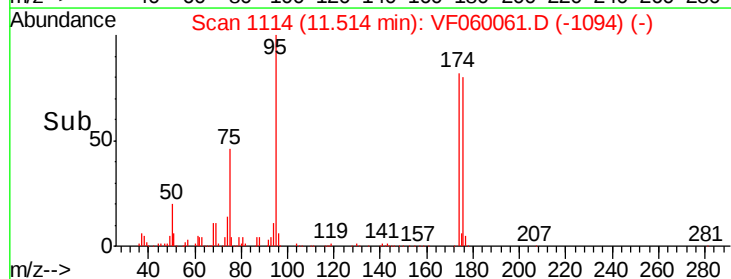
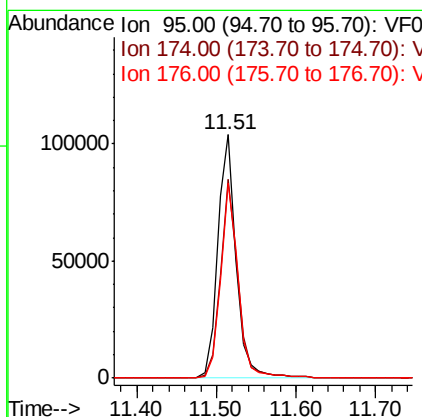
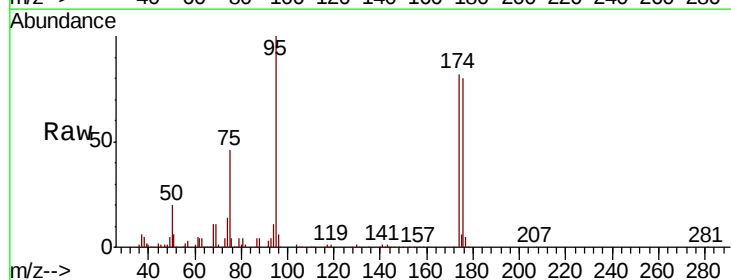
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A3

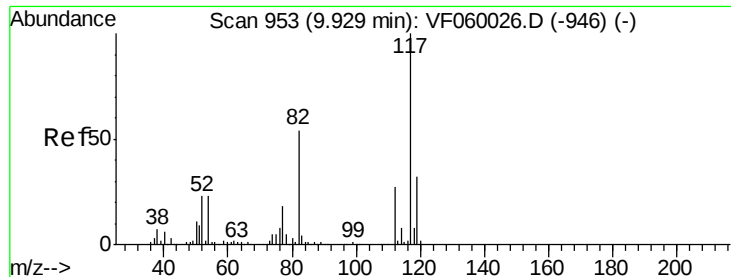
Tot Ion: 98 Resp: 305195
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 51.70 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF060061.D
Acq: 23 Aug 2018 18:56

Tgt Ion: 95 Resp: 169106
Ion Ratio Lower Upper
95 100
174 81.6 0.0 158.4
176 79.9 0.0 153.0

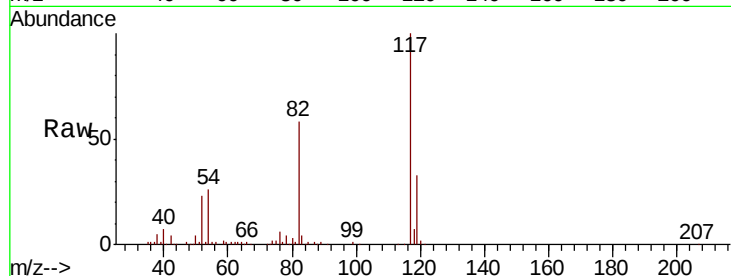




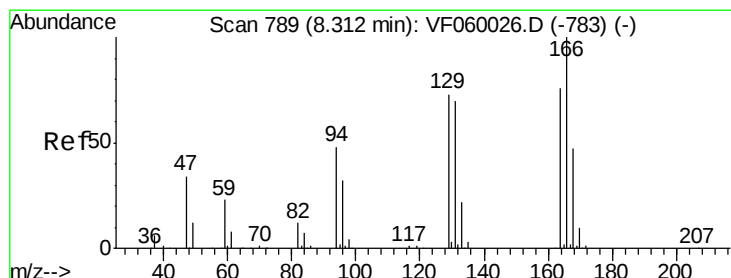
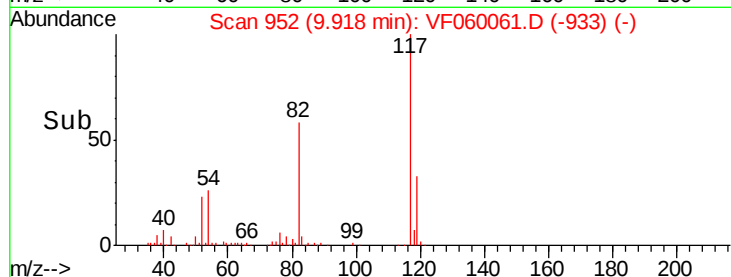
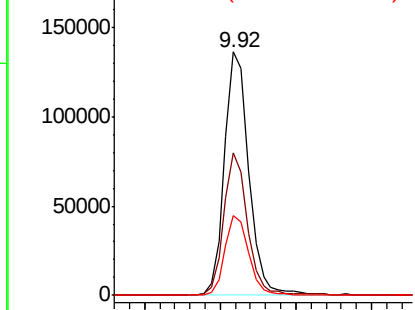
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060061.D
Acq: 23 Aug 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-A3

Tot Ion:117 Resp: 305776
Ion Ratio Lower Upper
117 100
82 58.4 43.6 65.4
119 32.7 25.6 38.4

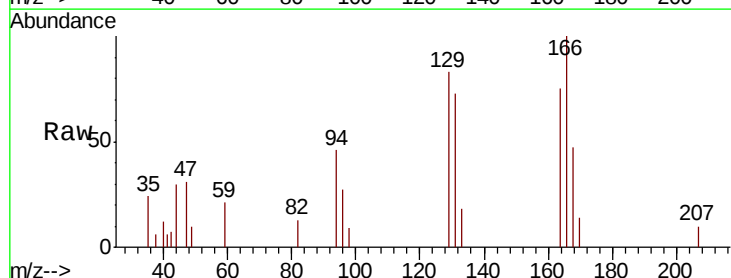


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

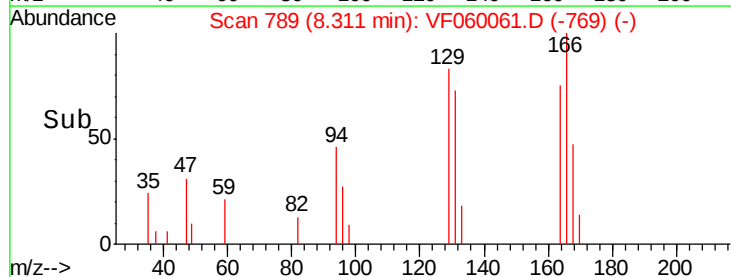
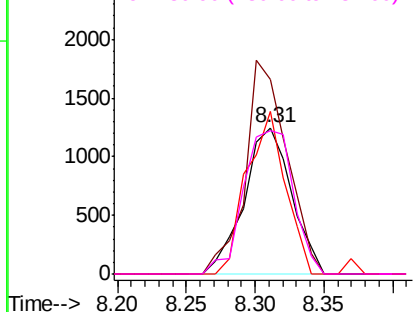


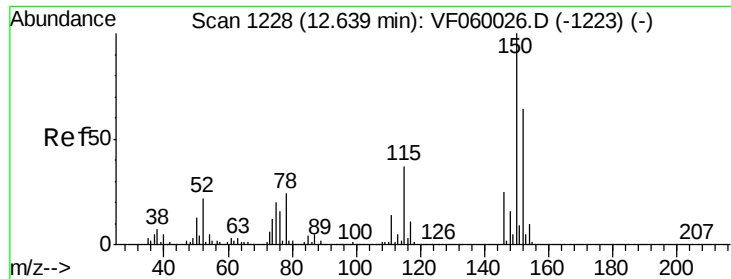
#64
Tetrachloroethene
Concen: 1.45 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VF060061.D
Acq: 23 Aug 2018 18:56

Tgt Ion:164 Resp: 2990
Ion Ratio Lower Upper
164 100
166 133.3 104.7 157.1
129 111.0 77.0 115.4
131 97.9 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: 12.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VF060061.D

Acq: 23 Aug 2018 18:56

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-A3

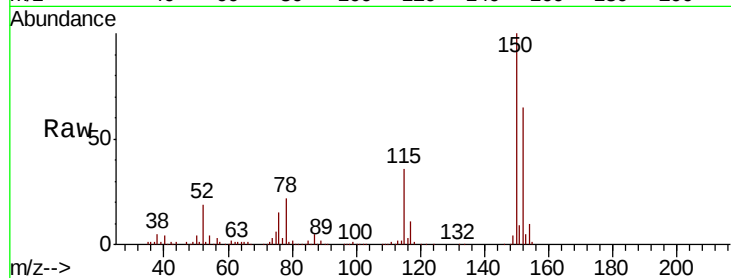
Tot Ion:152 Resp: 175123

Ion Ratio Lower Upper

152 100

115 56.1 28.6 85.9

150 154.9 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

