

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060067.D
 Acq On : 23 Aug 2018 21:43
 Operator : VA/AP
 Sample : J4581-08
 Misc : 5.98g/5mL/MSVOA F/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-B4

Quant Time: Aug 24 04:04:14 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	5.05	168	177511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	287850	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	302024	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	174557	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	144549	59.50	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	119.00%	
35) Dibromofluoromethane	4.29	113	129300	57.20	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	114.40%	
50) Toluene-d8	7.71	98	319667	49.80	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.51	95	166065	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	

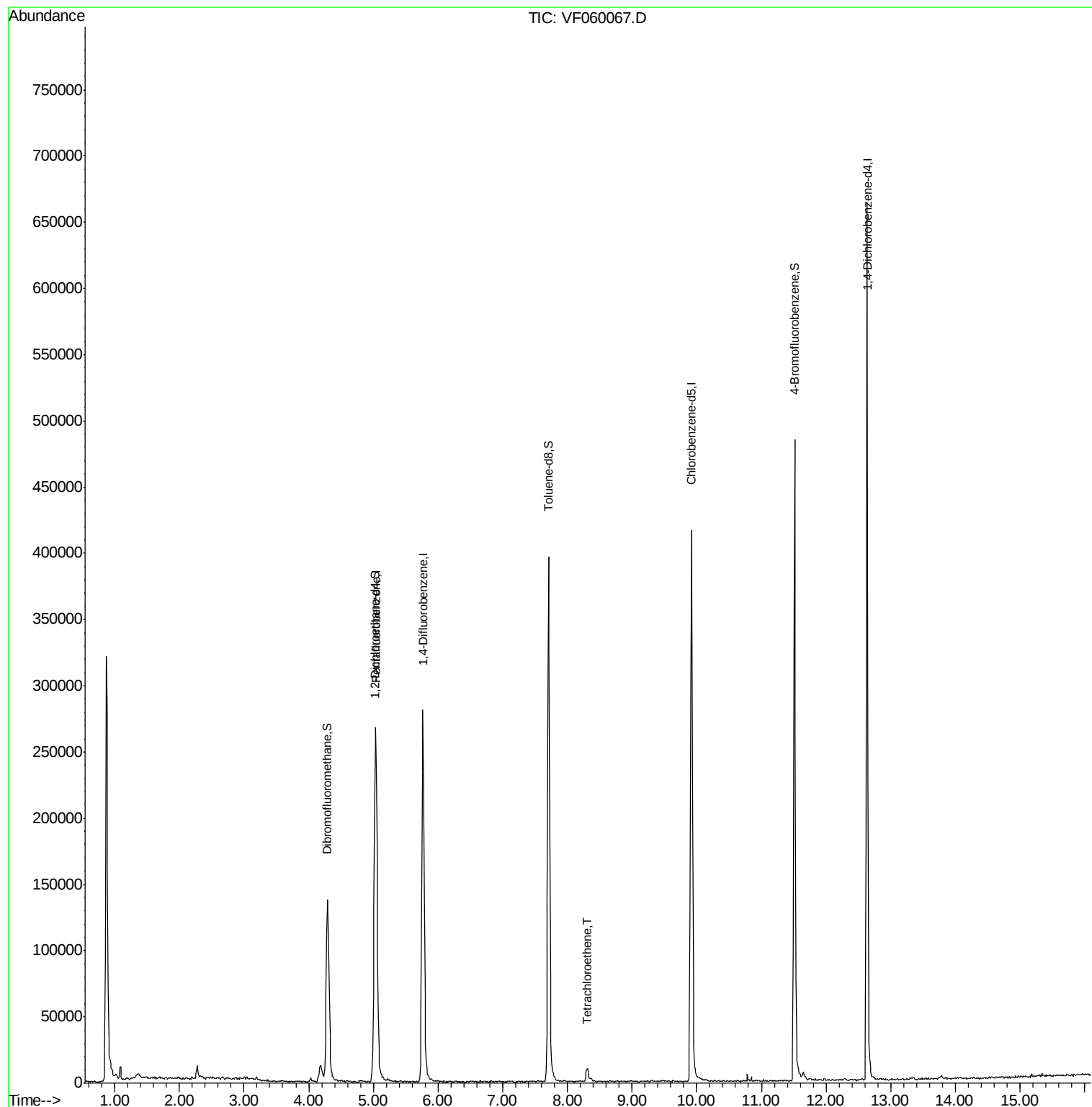
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	8.31	164	2821	1.39	ug/l	92

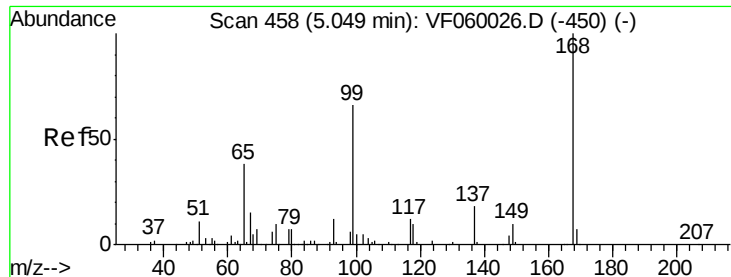
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060067.D

Acq: 23 Aug 2018 21:43

Instrument :

MSVOA_F

ClientSampleId :

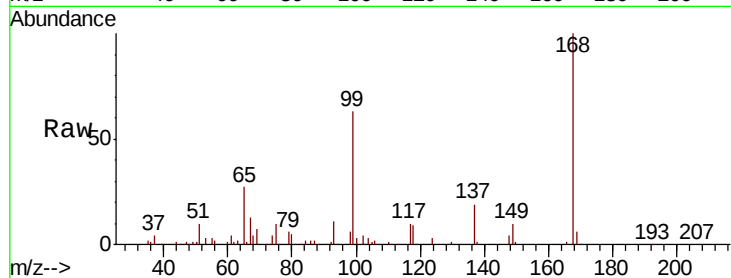
EP1-Q3-B4

Tot Ion:168 Resp: 177511

Ion Ratio Lower Upper

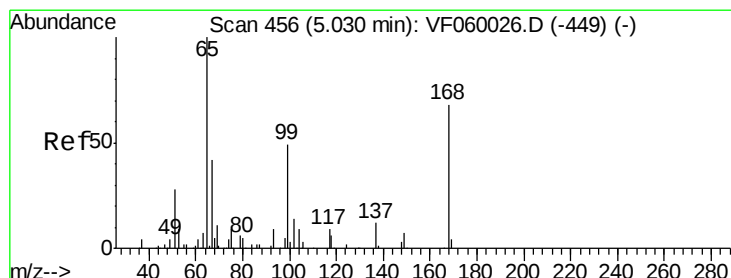
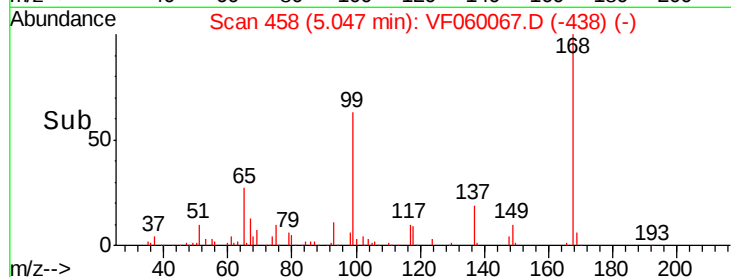
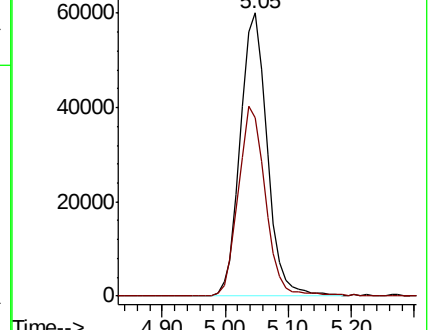
168 100

99 63.2 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 59.50 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF060067.D

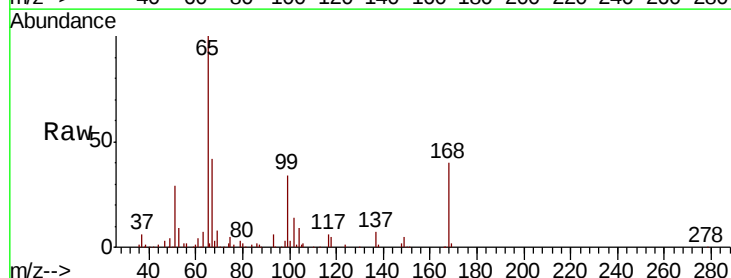
Acq: 23 Aug 2018 21:43

Tgt Ion: 65 Resp: 144549

Ion Ratio Lower Upper

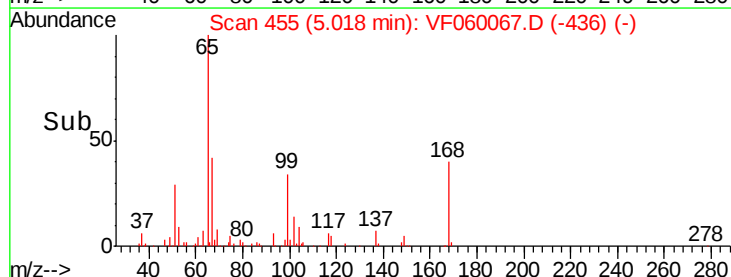
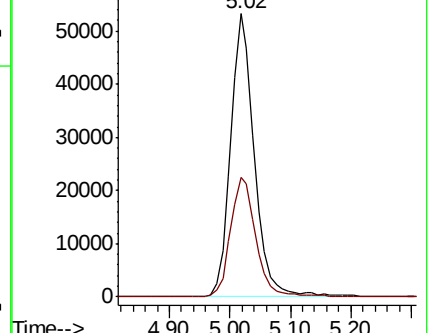
65 100

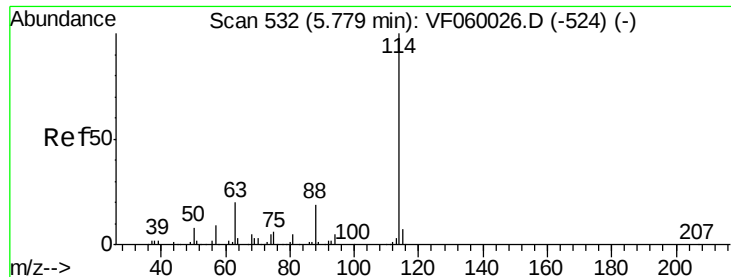
67 42.1 0.0 92.0



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: 5.77 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF060067.D

Acq: 23 Aug 2018 21:43

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-B4

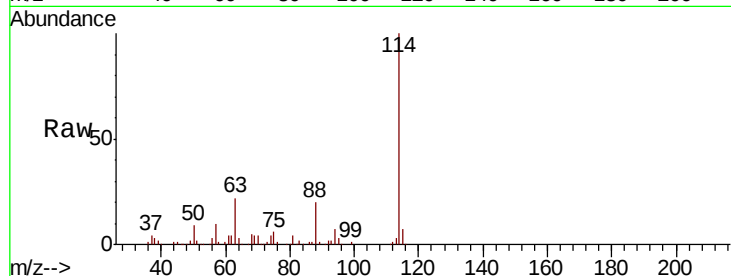
Tot Ion:114 Resp: 287850

Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.4

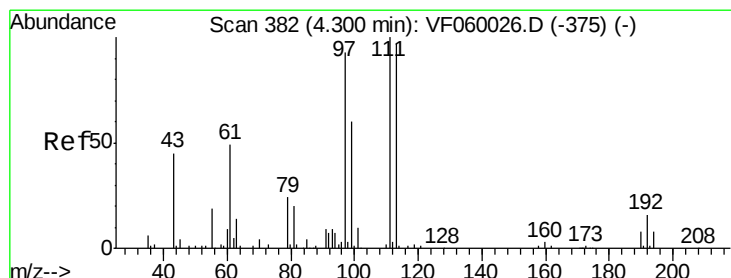
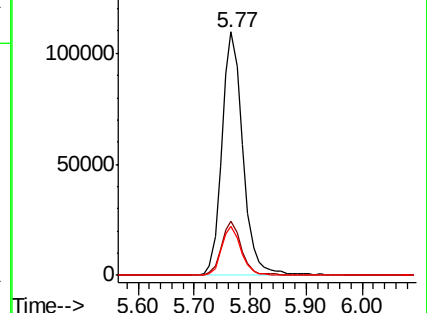
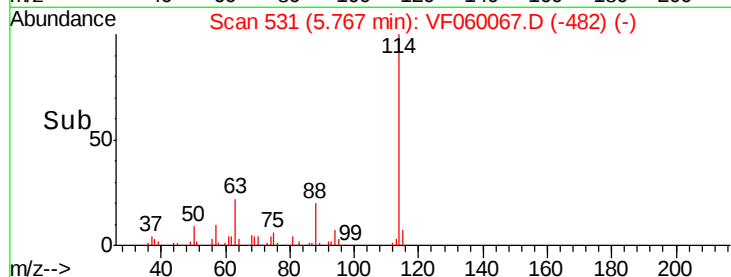
88 19.9 0.0 38.6



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: 57.20 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF060067.D

Acq: 23 Aug 2018 21:43

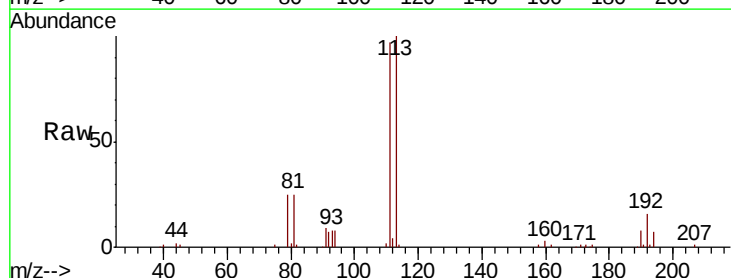
Tgt Ion:113 Resp: 129300

Ion Ratio Lower Upper

113 100

111 97.3 82.7 124.1

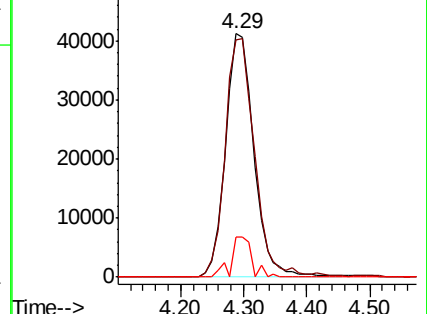
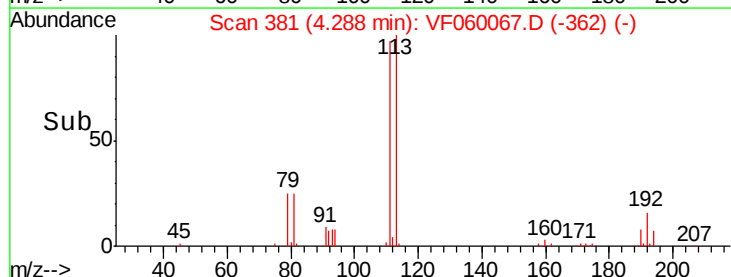
192 16.3 13.0 19.4

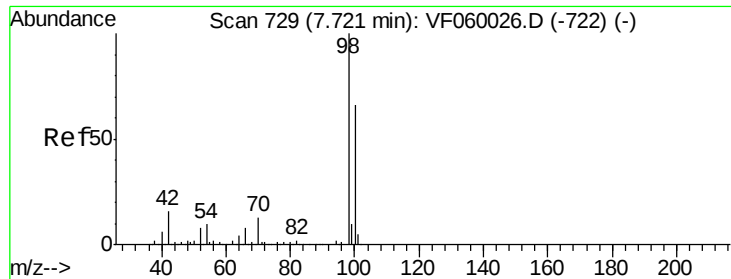


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 49.80 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF060067.D

Acq: 23 Aug 2018 21:43

Instrument :

MSVOA_F

ClientSampleId :

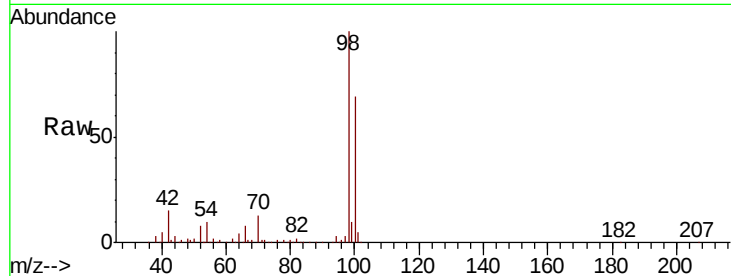
EP1-Q3-B4

Tot Ion: 98 Resp: 319667

Ion Ratio Lower Upper

98 100

100 69.2 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

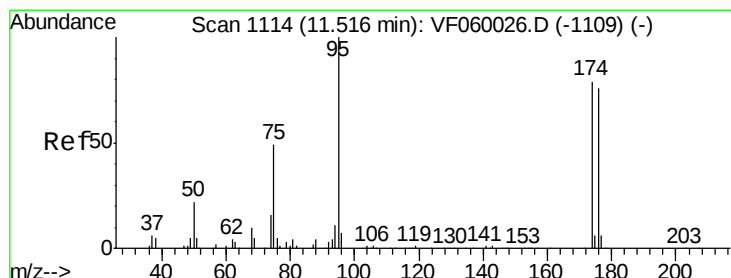
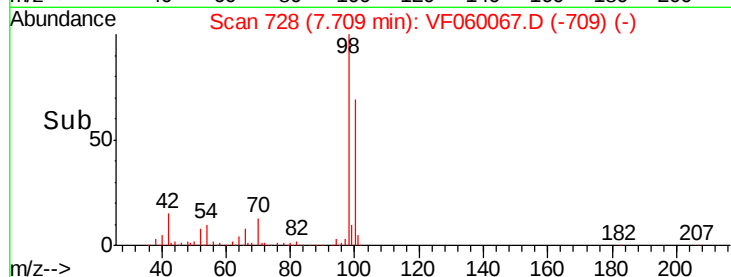
7.71

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.90 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF060067.D

Acq: 23 Aug 2018 21:43

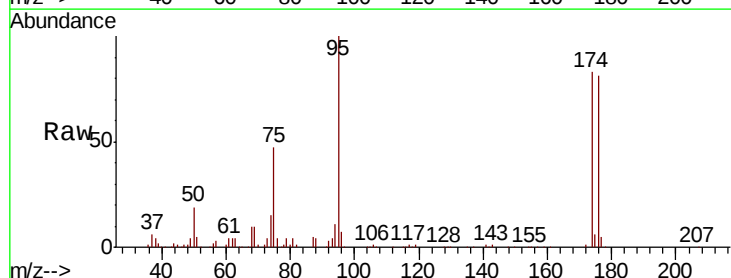
Tgt Ion: 95 Resp: 166065

Ion Ratio Lower Upper

95 100

174 82.7 0.0 158.4

176 81.0 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

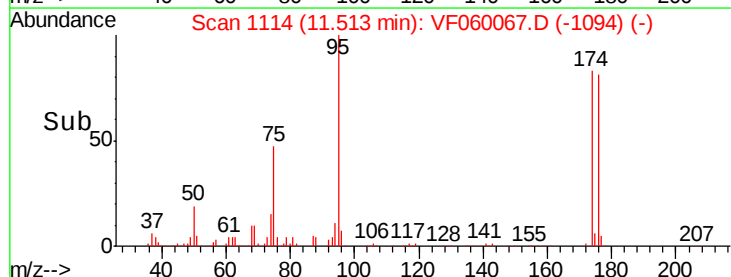
100000

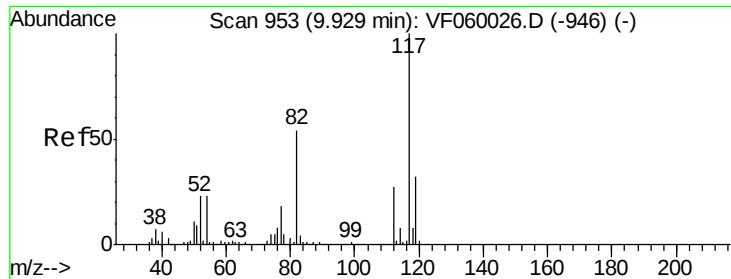
11.51

50000

0

Time-->

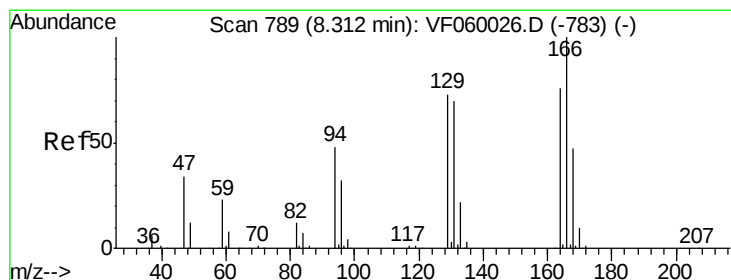
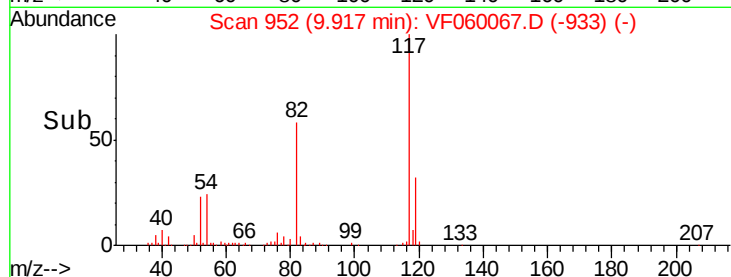
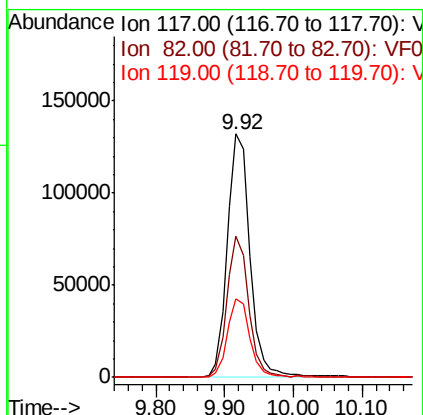
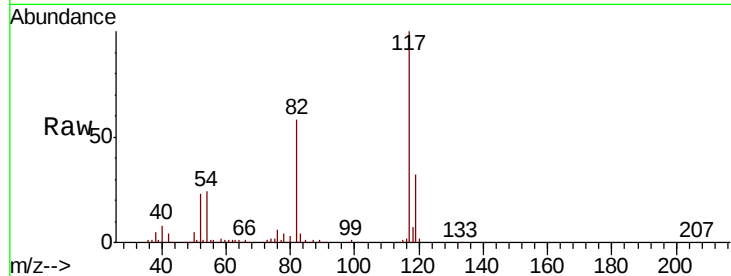




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060067.D
Acq: 23 Aug 2018 21:43

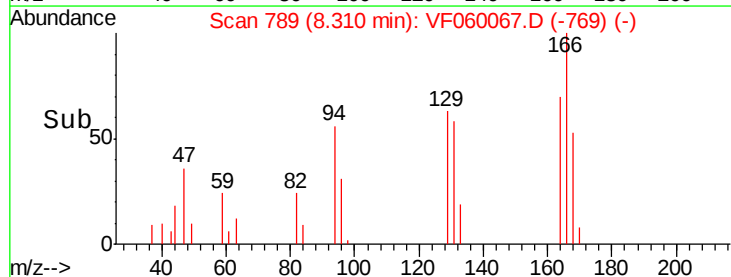
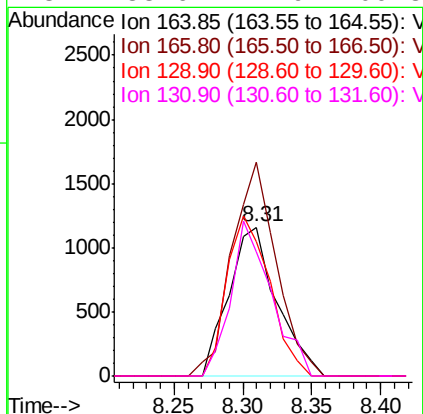
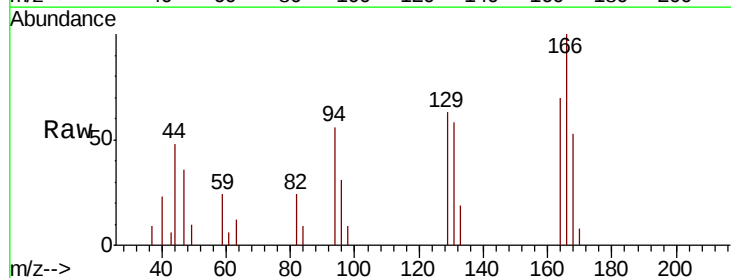
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-B4

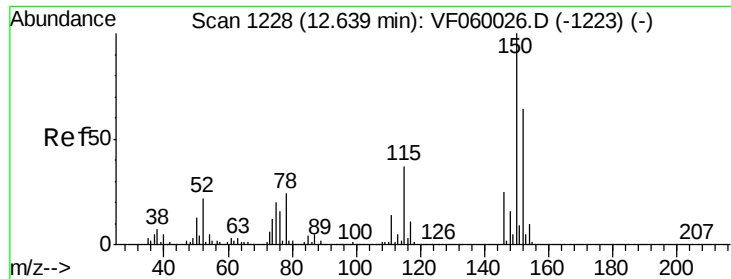
Tot Ion:117 Resp: 302024
Ion Ratio Lower Upper
117 100
82 58.0 43.6 65.4
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 1.39 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VF060067.D
Acq: 23 Aug 2018 21:43

Tgt Ion:164 Resp: 2821
Ion Ratio Lower Upper
164 100
166 143.3 104.7 157.1
129 90.3 77.0 115.4
131 83.6 72.9 109.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VF060067.D

Acq: 23 Aug 2018 21:43

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-B4

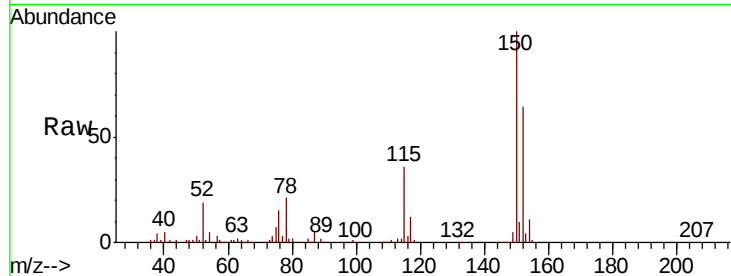
Tot Ion:152 Resp: 174557

Ion Ratio Lower Upper

152 100

115 56.4 28.6 85.9

150 156.0 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

