

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060088.D
 Acq On : 24 Aug 2018 9:10
 Operator : VA/AP
 Sample : J4581-18
 Misc : 6.53g/5mL/MSVOA F/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-D2

Quant Time: Aug 24 10:25:28 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

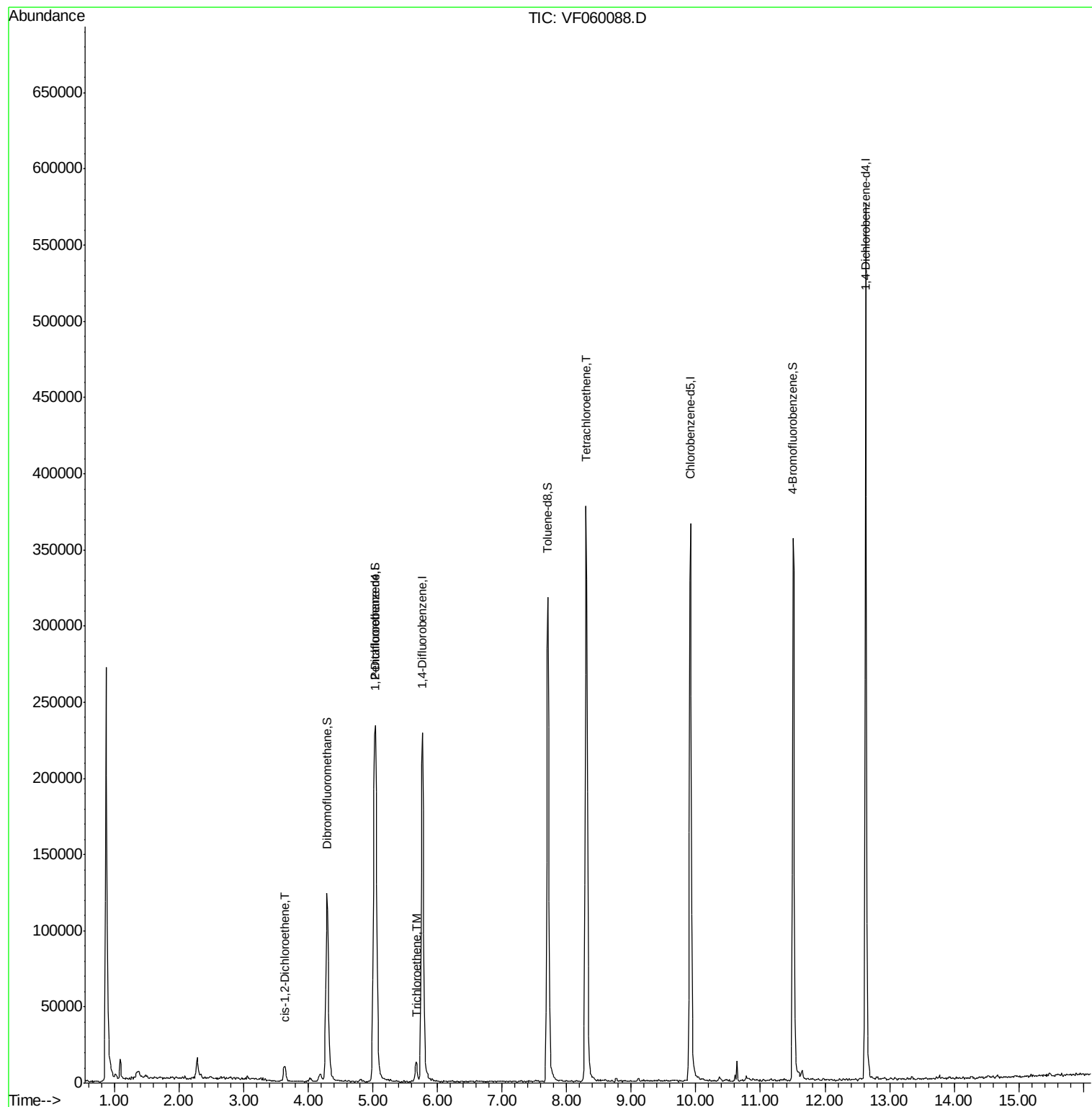
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	152497	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	235645	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	255577	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	137581	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	124276	59.54	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	119.08%	
35) Dibromofluoromethane	4.29	113	108334	58.55	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	117.10%	
50) Toluene-d8	7.71	98	261123	49.69	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.51	95	133047	47.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.72%	
Target Compounds						
27) cis-1,2-Dichloroethene	3.63	96	5676	3.69	ug/l	89
44) Trichloroethene	5.67	130	4798	3.00	ug/l	81
64) Tetrachloroethene	8.30	164	106433	61.82	ug/l	96

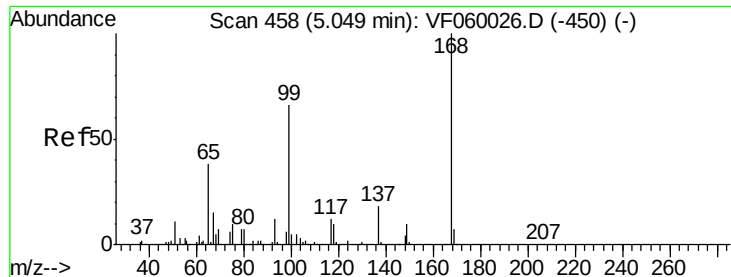
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060088.D

Acq: 24 Aug 2018 9:10

Instrument :

MSVOA_F

ClientSampleId :

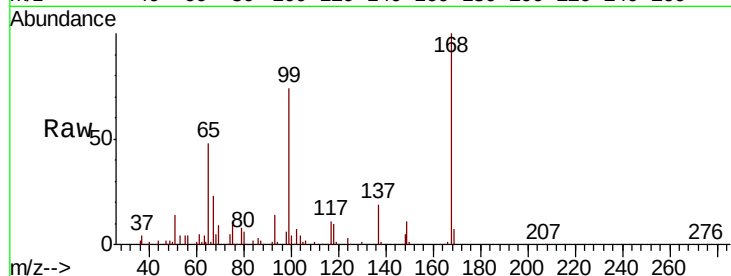
EP1-Q3-D2

Tot Ion:168 Resp: 152497

Ion Ratio Lower Upper

168 100

99 73.7 52.6 79.0

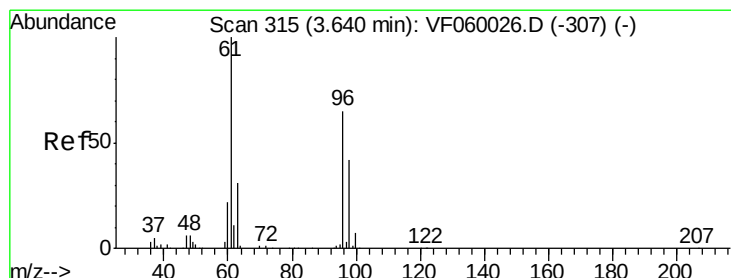
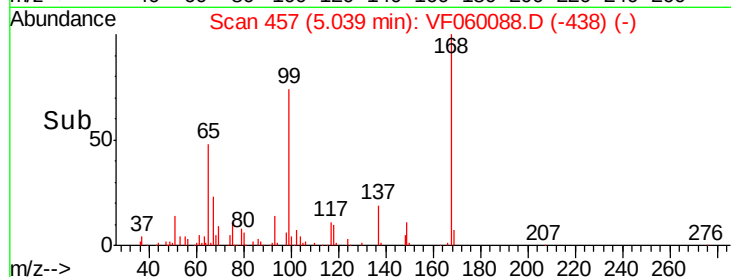


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

Time-->



#27

cis-1,2-Dichloroethene

Concen: 3.69 ug/l

RT: 3.63 min Scan# 314

Delta R.T. -0.01 min

Lab File: VF060088.D

Acq: 24 Aug 2018 9:10

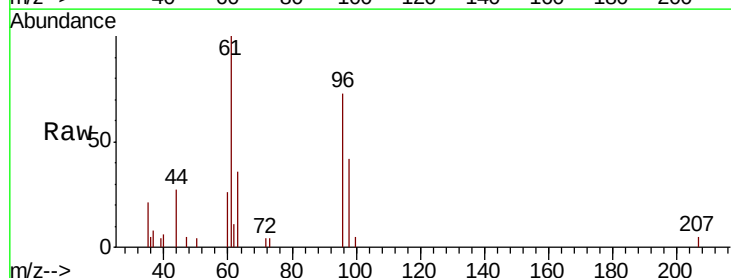
Tgt Ion: 96 Resp: 5676

Ion Ratio Lower Upper

96 100

61 137.6 0.0 307.6

98 58.1 0.0 128.4



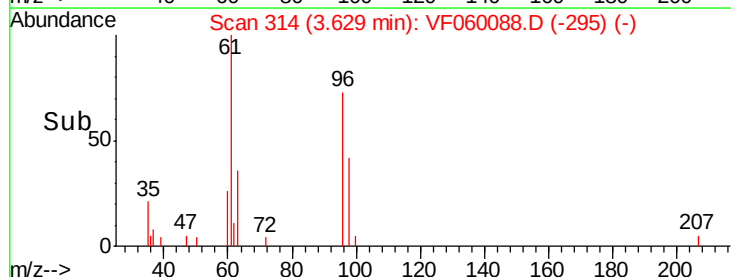
Abundance Ion 96.00 (95.70 to 96.70): VF0

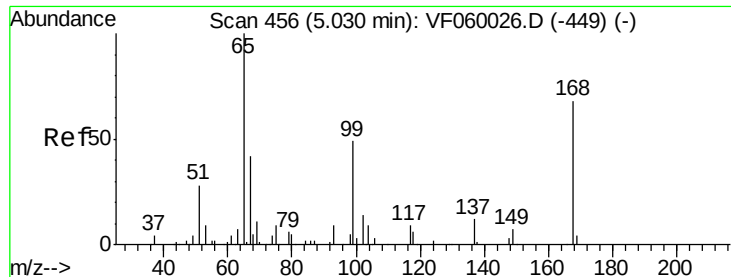
Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

3.63

Time-->

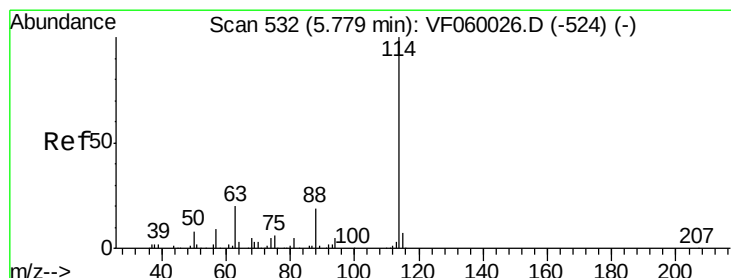
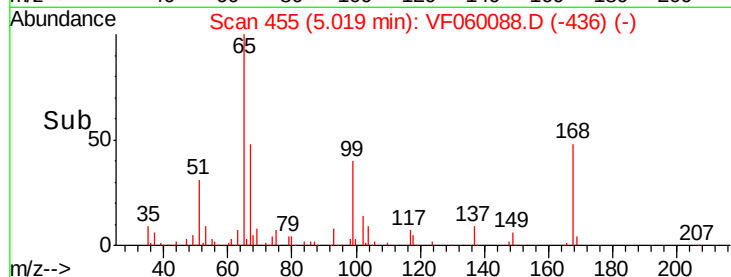
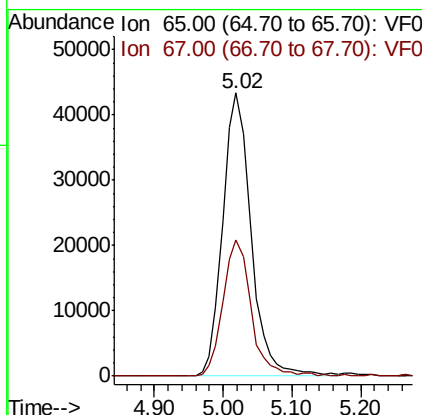
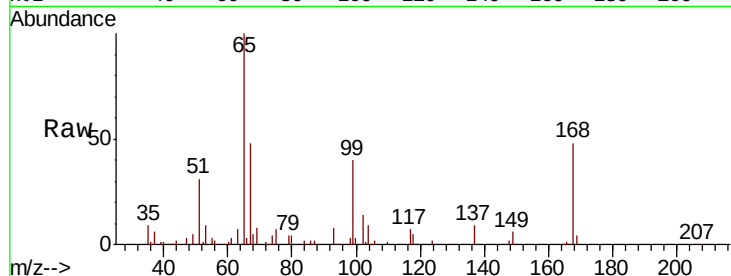




#33
 1,2-Dichloroethane-d4
 Concen: 59.54 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VF060088.D
 Acq: 24 Aug 2018 9:10

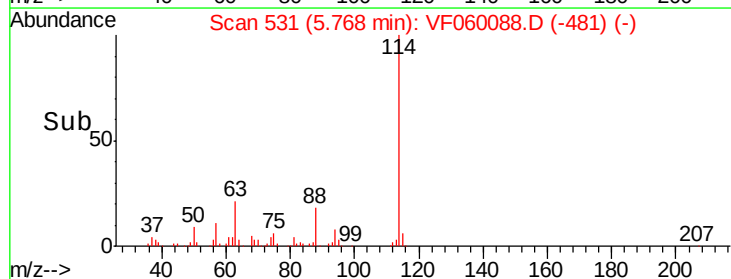
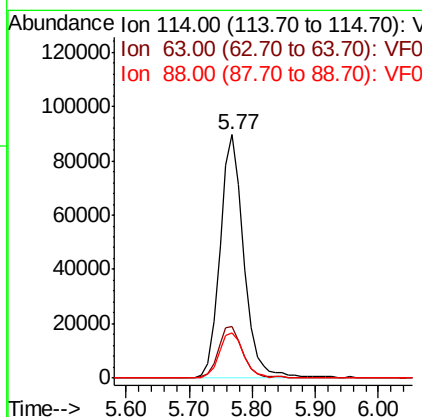
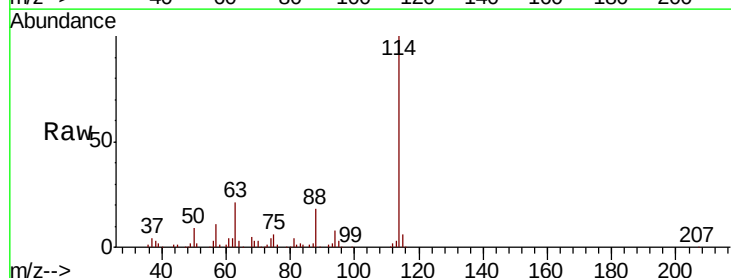
Instrument :
 MSVOA_F
 ClientSampleID :
 EP1-Q3-D2

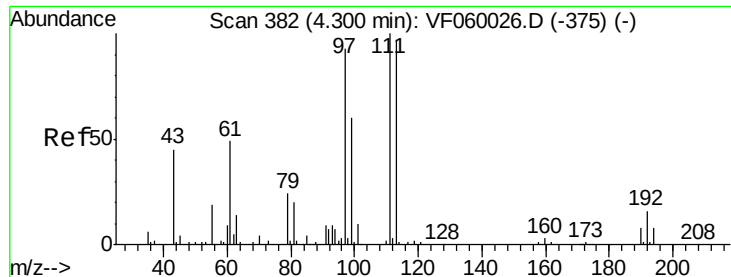
Tot Ion: 65 Resp: 124276
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF060088.D
 Acq: 24 Aug 2018 9:10

Tgt Ion: 114 Resp: 235645
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.4
 88 18.5 0.0 38.6

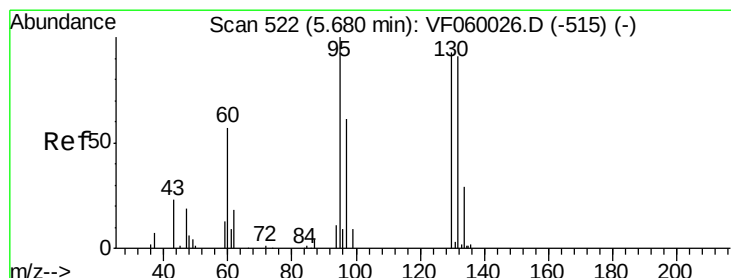
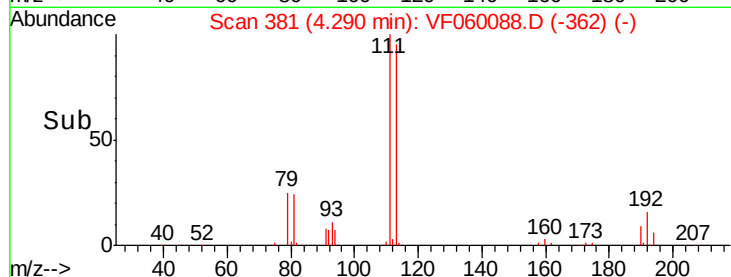
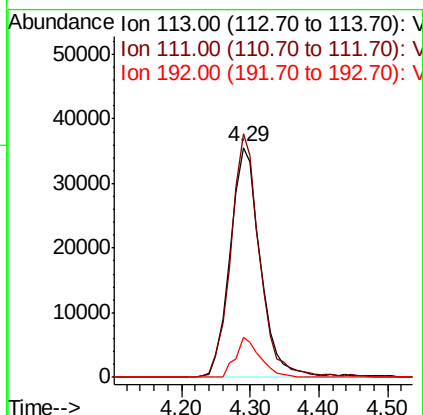
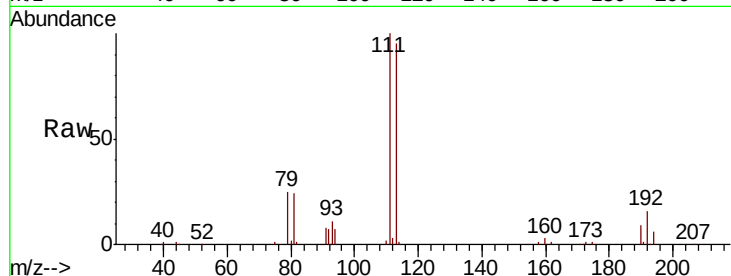




#35
 Dibromofluoromethane
 Concen: 58.55 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF060088.D
 Acq: 24 Aug 2018 9:10

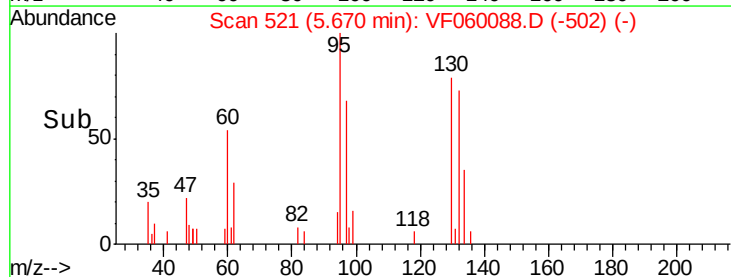
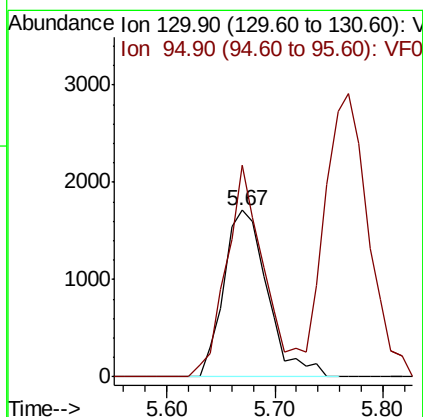
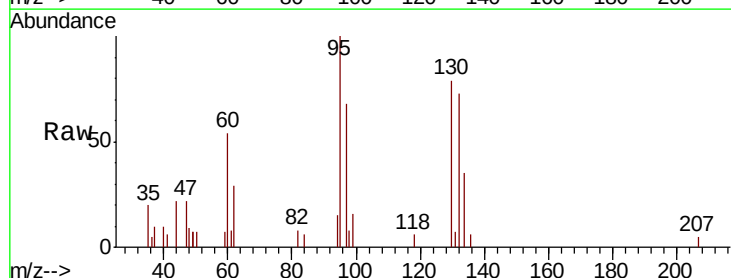
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-D2

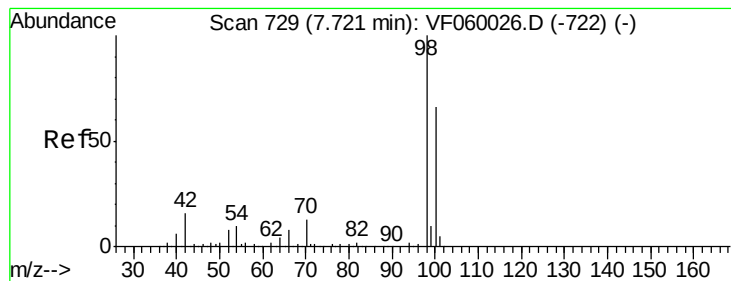
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.8	82.7	124.1
192	17.5	13.0	19.4



#44
 Trichloroethene
 Concen: 3.00 ug/l
 RT: 5.67 min Scan# 521
 Delta R.T. -0.01 min
 Lab File: VF060088.D
 Acq: 24 Aug 2018 9:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	127.3	0.0	215.8





#50

Toluene-d8

Concen: 49.69 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF060088.D

Acq: 24 Aug 2018 9:10

Instrument :

MSVOA_F

ClientSampleId :

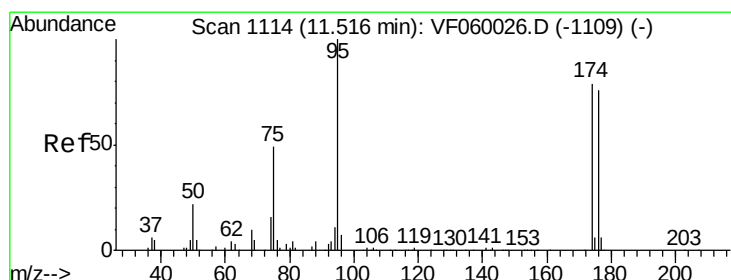
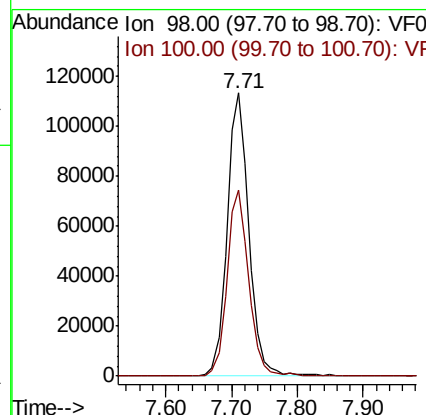
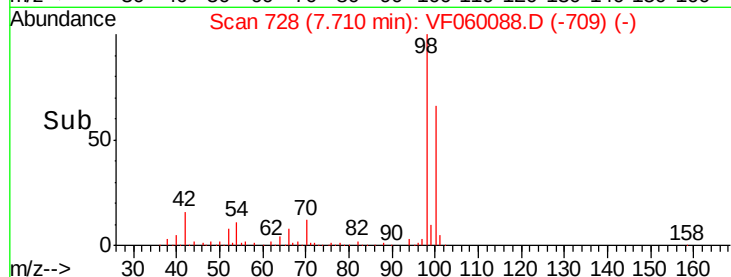
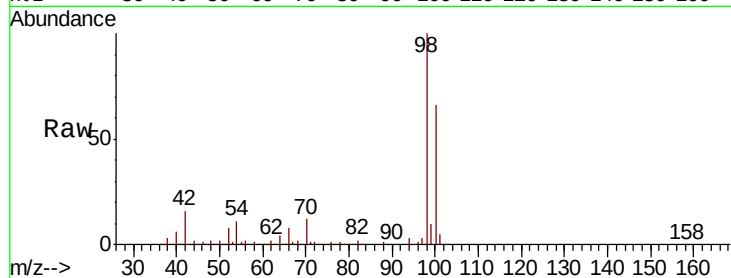
EP1-Q3-D2

Tot Ion: 98 Resp: 261123

Ion Ratio Lower Upper

98 100

100 65.5 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.86 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF060088.D

Acq: 24 Aug 2018 9:10

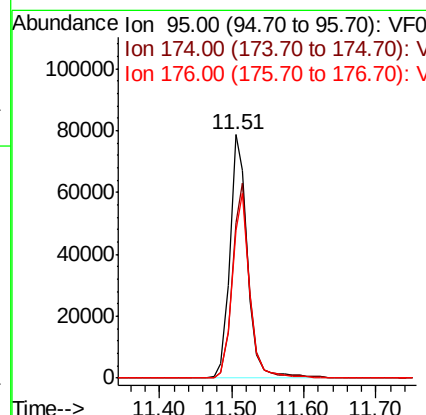
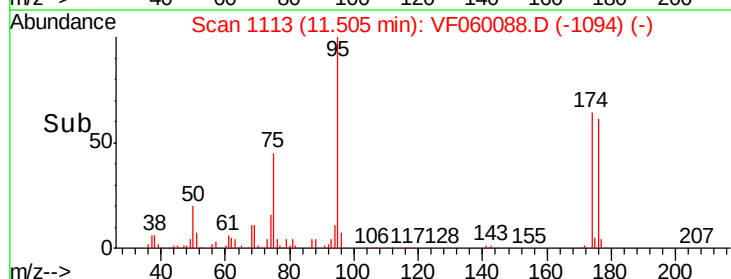
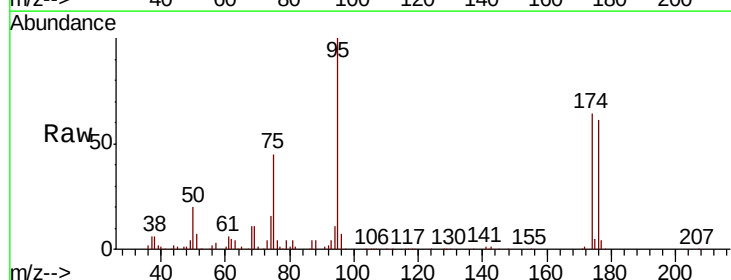
Tgt Ion: 95 Resp: 133047

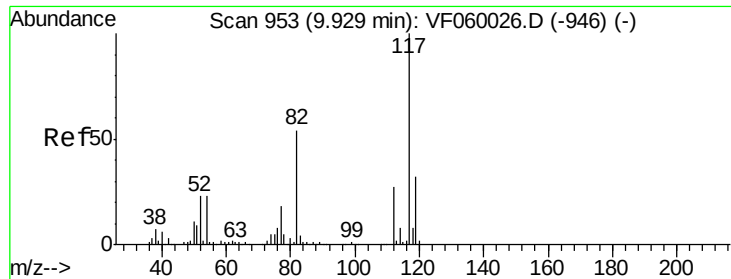
Ion Ratio Lower Upper

95 100

174 63.9 0.0 158.4

176 60.6 0.0 153.0

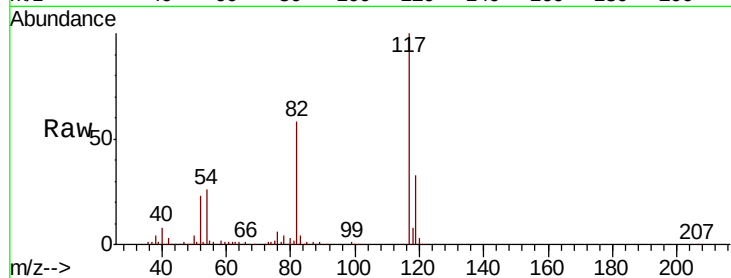




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060088.D
Acq: 24 Aug 2018 9:10

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-D2

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	43.6	65.4
119	33.2	25.6	38.4

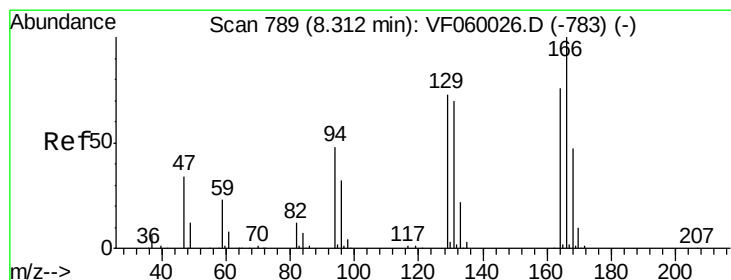
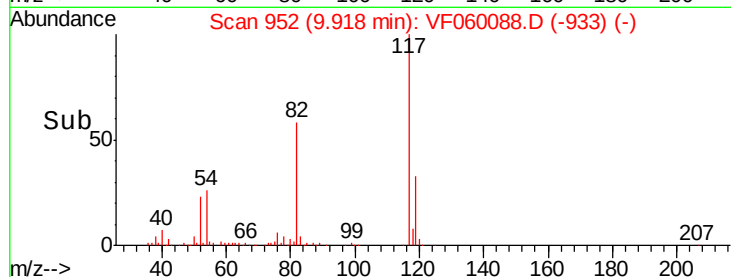
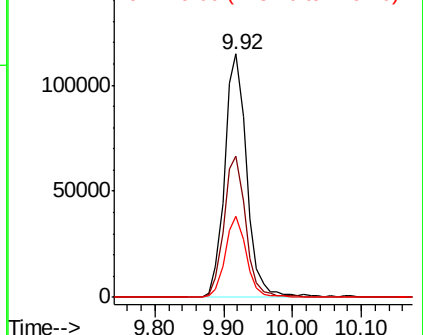


Abundance

Ion 117.00 (116.70 to 117.70): V

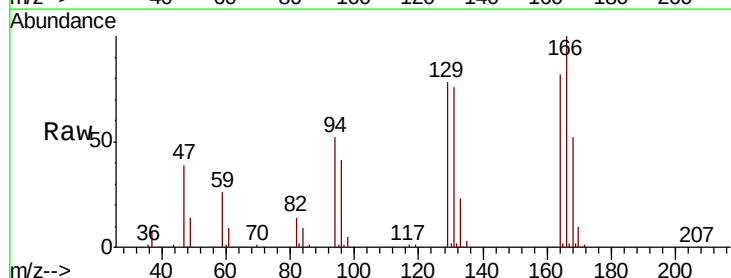
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#64
Tetrachloroethene
Concen: 61.82 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.01 min
Lab File: VF060088.D
Acq: 24 Aug 2018 9:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.6	104.7	157.1
129	95.4	77.0	115.4
131	92.8	72.9	109.3



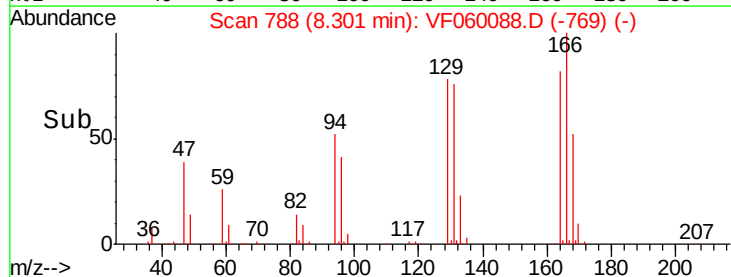
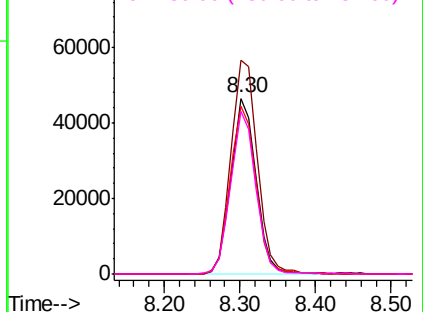
Abundance

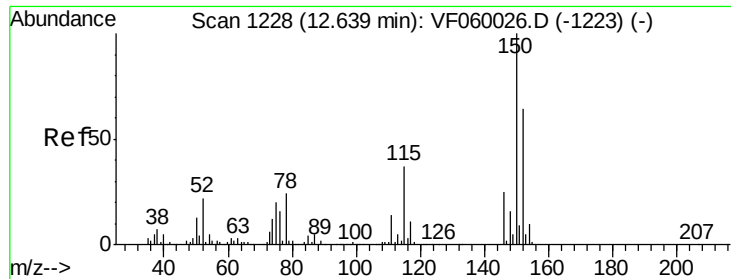
Ion 163.85 (163.55 to 164.55): V

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: VF060088.D

Acq: 24 Aug 2018 9:10

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-D2

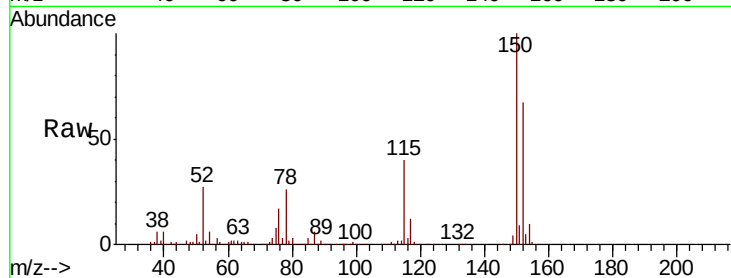
Tot Ion:152 Resp: 137581

Ion Ratio Lower Upper

152 100

115 59.8 28.6 85.9

150 150.0 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

