

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060086.D
 Acq On : 24 Aug 2018 8:16
 Operator : VA/AP
 Sample : J4581-16
 Misc : 5.67g/5mL/MSVOA F/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-C4

Quant Time: Aug 24 09:10:00 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

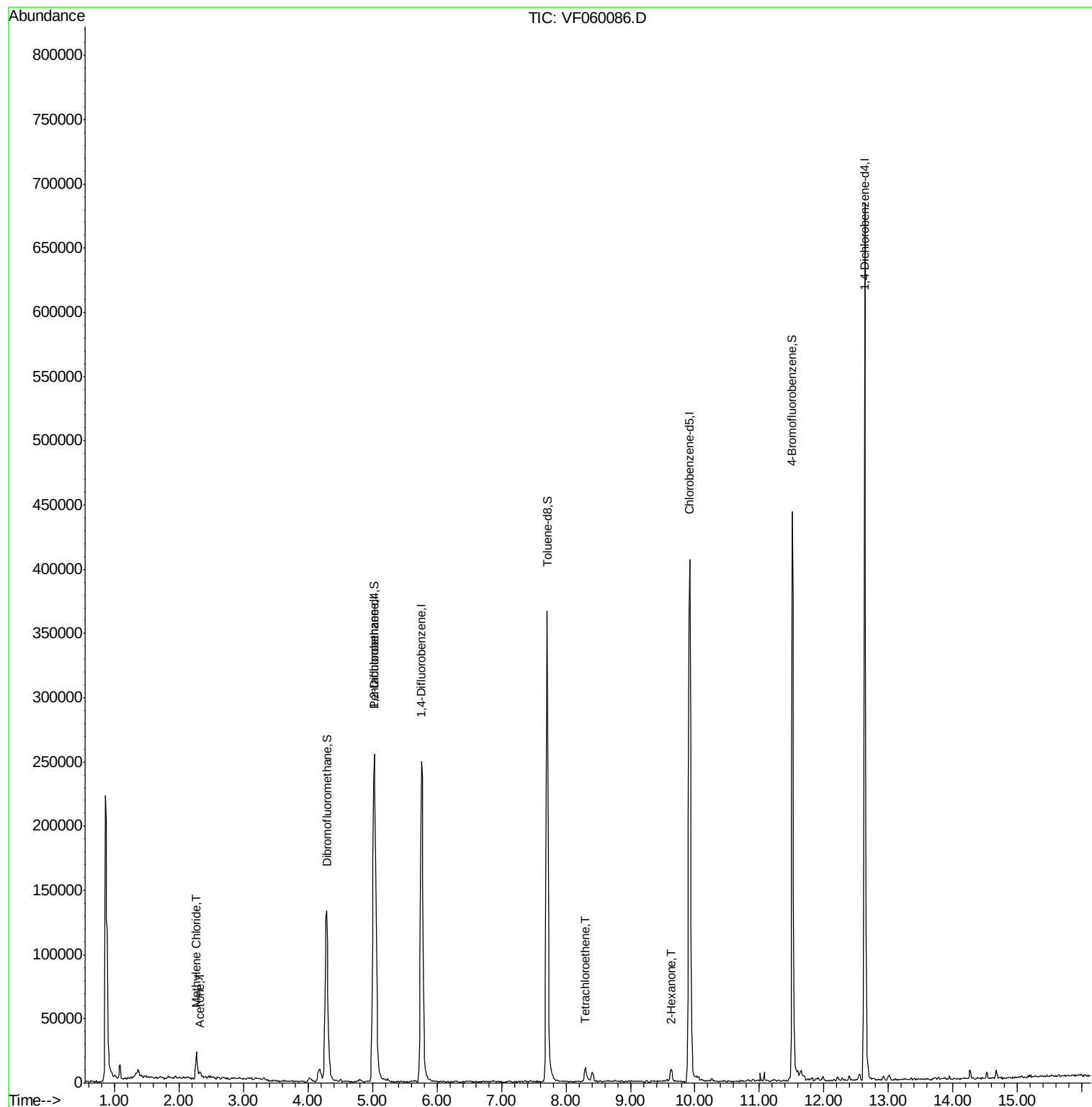
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	166843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	259731	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	286519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	162737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	140415	61.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.98%	
35) Dibromofluoromethane	4.29	113	121853	59.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.50%	
50) Toluene-d8	7.71	98	308035	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
62) 4-Bromofluorobenzene	11.51	95	159994	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
Target Compounds						
16) Acetone	2.33	43	6835	11.39	ug/l	96
20) Methylene Chloride	2.27	84	8406	2.21	ug/l	85
59) 2-Hexanone	9.63	43	8812	6.86	ug/l	99
64) Tetrachloroethene	8.30	164	3259	1.69	ug/l	96

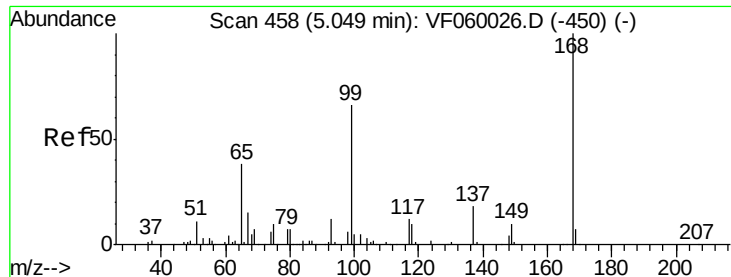
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082318\
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Acq On : 24 Aug 2018 8:16
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MSVOA_F
ClientSampleId :
EP1-Q3-C4

Quant Time: Aug 24 09:10:00 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: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060086.D

Acq: 24 Aug 2018 8:16

Instrument :

MSVOA_F

ClientSampleId :

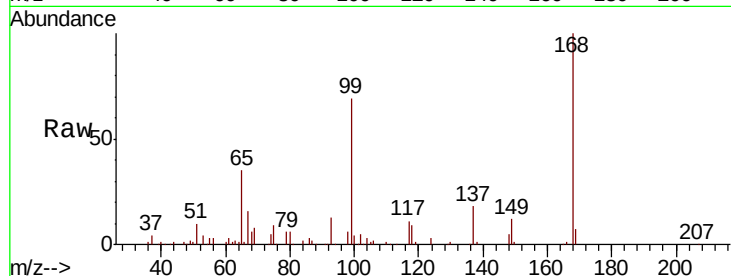
EP1-Q3-C4

Tot Ion:168 Resp: 166843

Ion Ratio Lower Upper

168 100

99 69.3 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

60000

50000

40000

30000

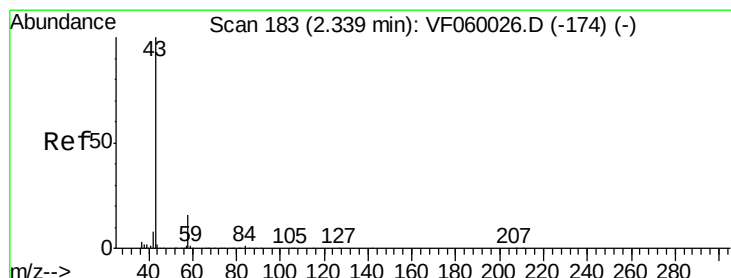
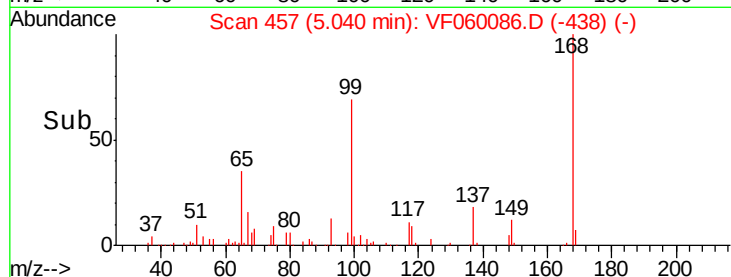
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 11.39 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF060086.D

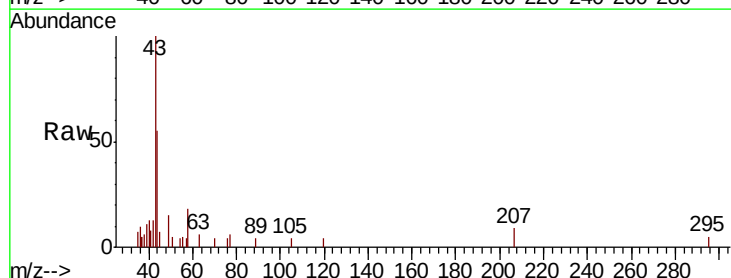
Acq: 24 Aug 2018 8:16

Tgt Ion: 43 Resp: 6835

Ion Ratio Lower Upper

43 100

58 17.6 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

3000

2500

2000

1500

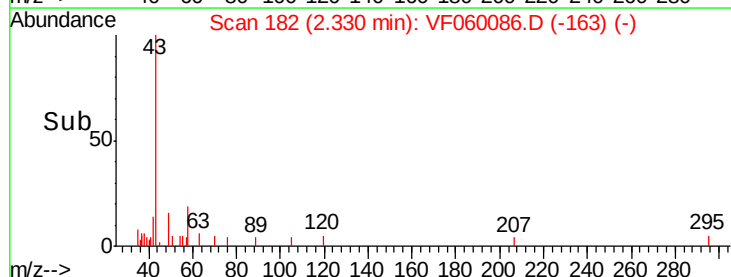
1000

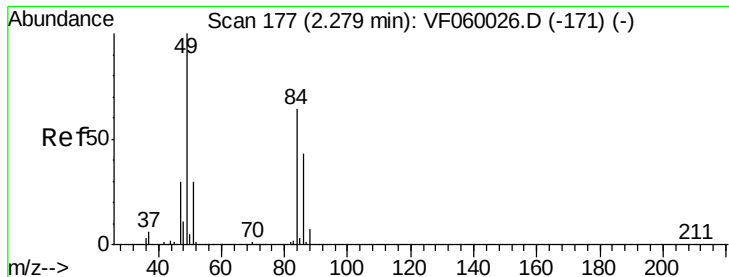
500

0

Time-->

2.30 2.40

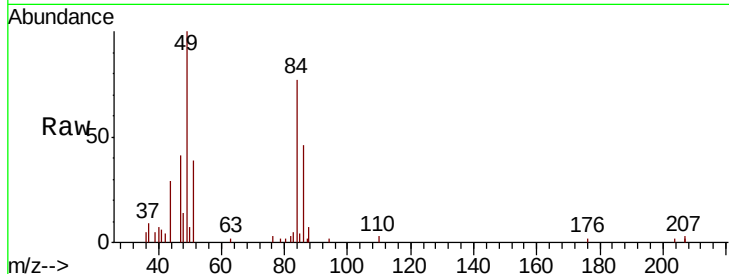




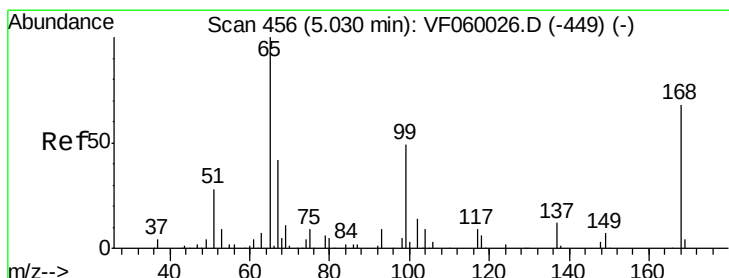
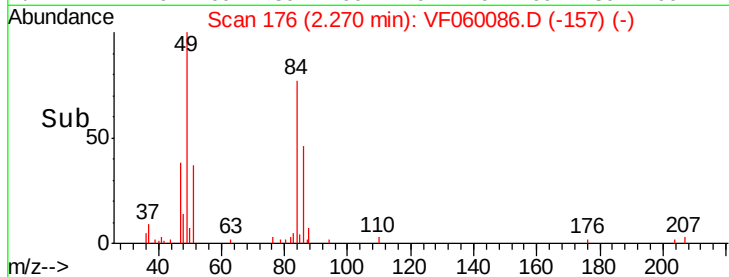
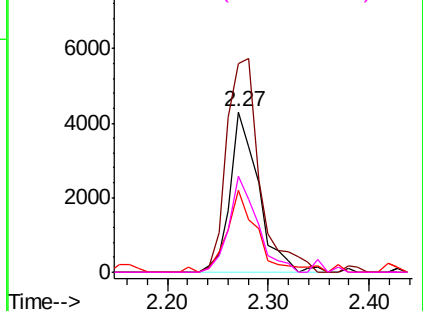
#20
Methylene Chloride
Concen: 2.21 ug/l
RT: 2.27 min Scan# 176
Delta R.T. -0.01 min
Lab File: VF060086.D
Acq: 24 Aug 2018 8:16

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-C4

Tot Ion:	84	Resp:	8406
Ion	Ratio	Lower	Upper
84	100		
49	130.1	125.4	188.0
51	51.2	38.3	57.5
86	59.9	53.3	79.9

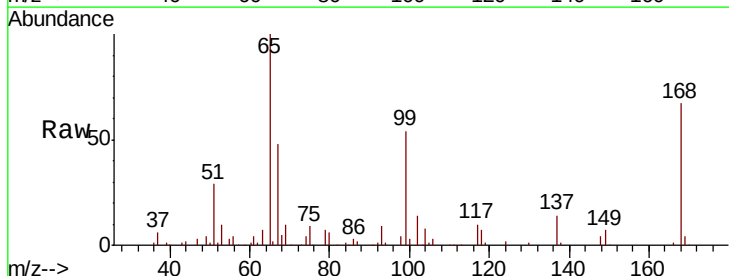


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

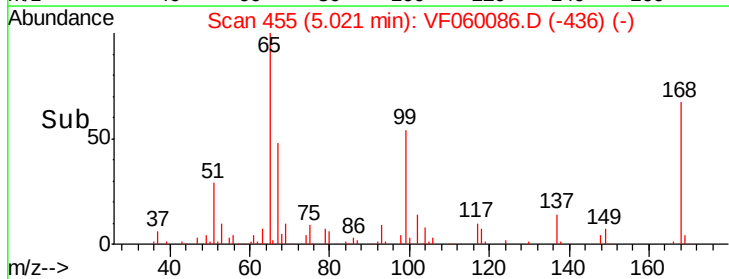
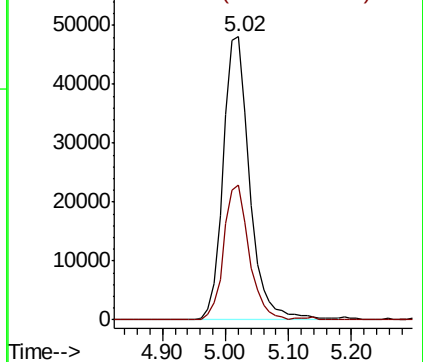


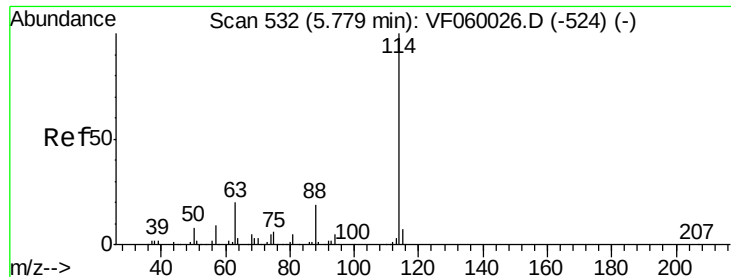
#33
1,2-Dichloroethane-d4
Concen: 61.49 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF060086.D
Acq: 24 Aug 2018 8:16

Tgt Ion:	65	Resp:	140415
Ion	Ratio	Lower	Upper
65	100		
67	47.5	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: VF060086.D

Acq: 24 Aug 2018 8:16

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-C4

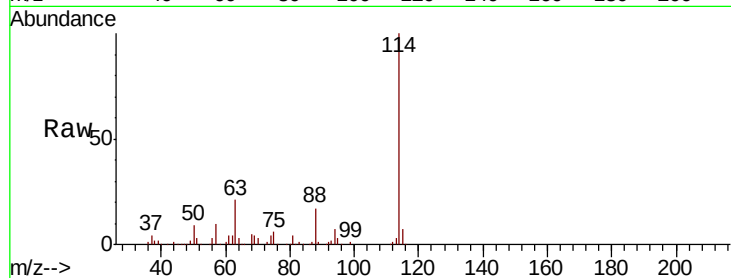
Tot Ion:114 Resp: 259731

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.4

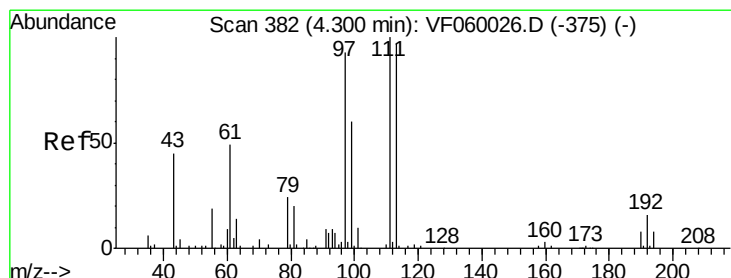
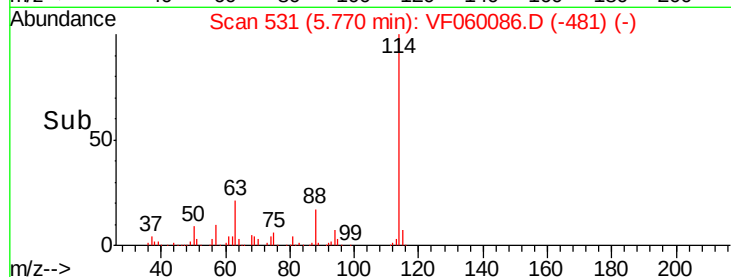
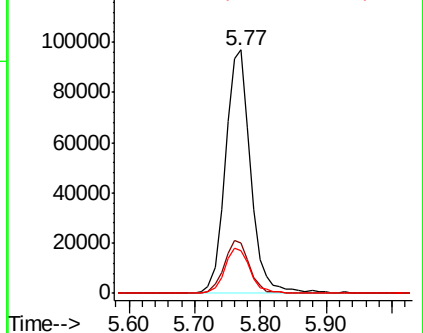
88 17.3 0.0 38.6



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: 59.75 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF060086.D

Acq: 24 Aug 2018 8:16

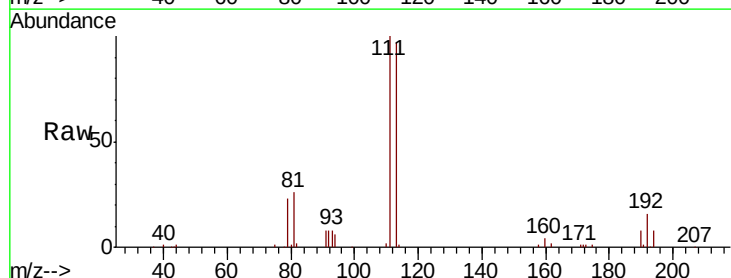
Tgt Ion:113 Resp: 121853

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

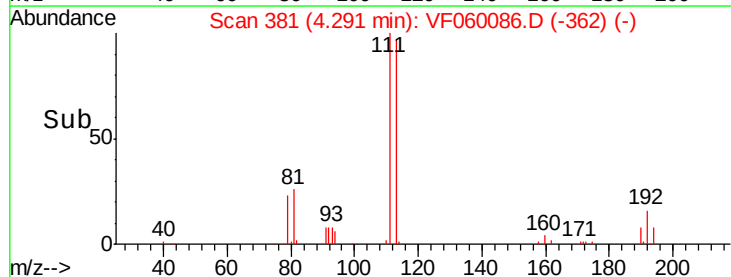
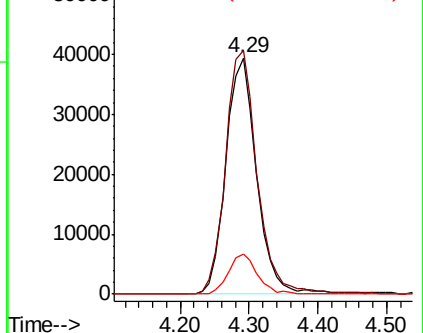
192 17.0 13.0 19.4

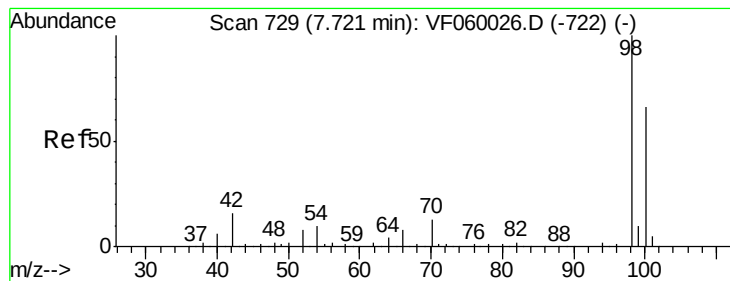


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 53.18 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF060086.D

Acq: 24 Aug 2018 8:16

Instrument :

MSVOA_F

ClientSampleId :

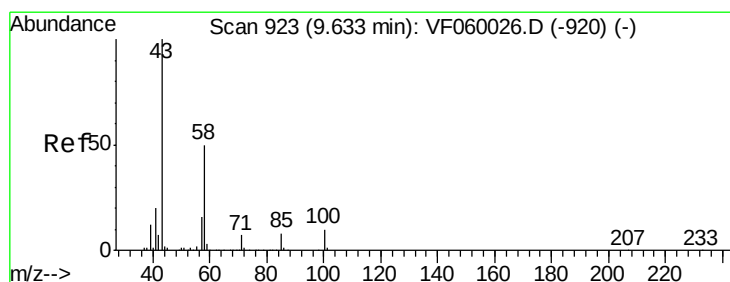
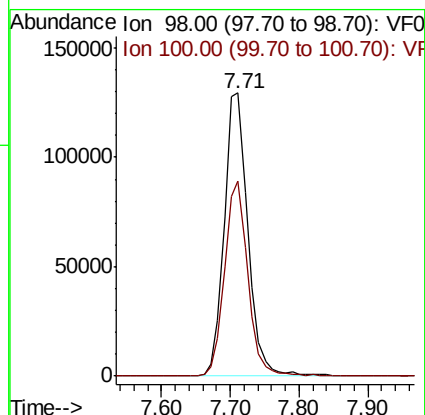
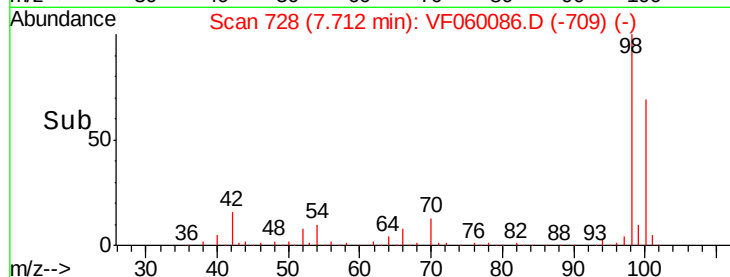
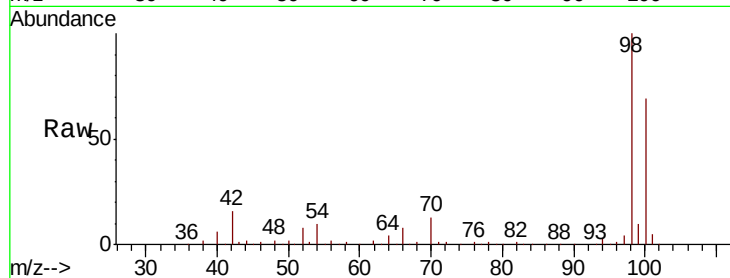
EP1-Q3-C4

Tot Ion: 98 Resp: 308035

Ion Ratio Lower Upper

98 100

100 69.1 53.2 79.8



#59

2-Hexanone

Concen: 6.86 ug/l

RT: 9.63 min Scan# 923

Delta R.T. 0.00 min

Lab File: VF060086.D

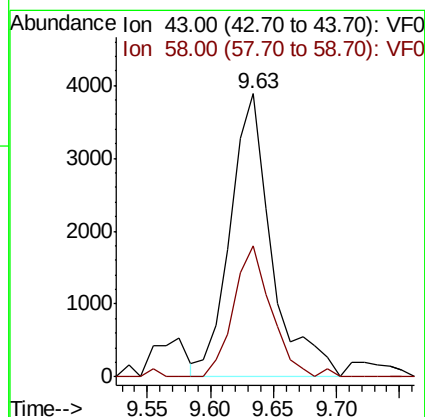
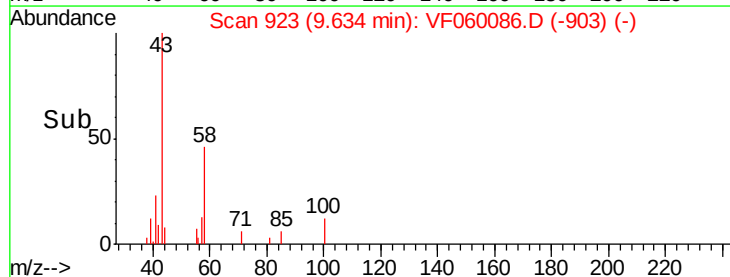
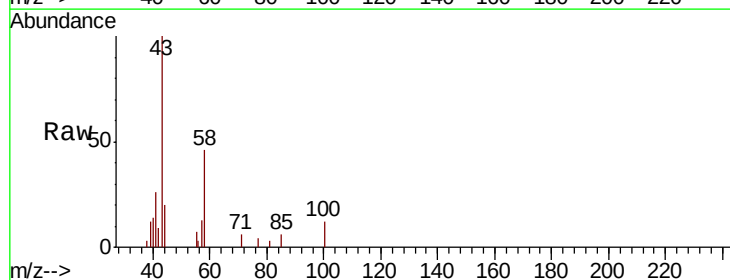
Acq: 24 Aug 2018 8:16

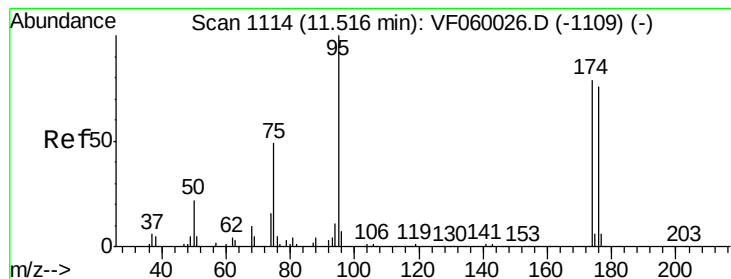
Tgt Ion: 43 Resp: 8812

Ion Ratio Lower Upper

43 100

58 46.3 23.4 70.2





#62

4-Bromofluorobenzene

Concen: 52.21 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF060086.D

Acq: 24 Aug 2018 8:16

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-C4

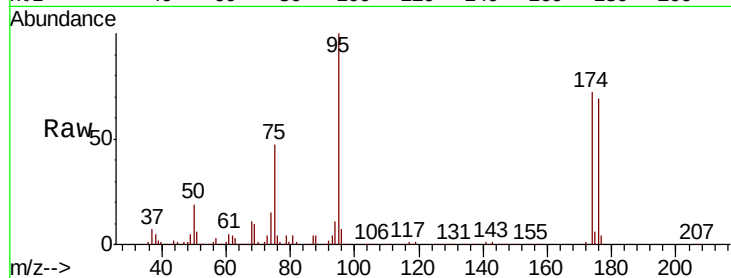
Tot Ion: 95 Resp: 159994

Ion Ratio Lower Upper

95 100

174 72.2 0.0 158.4

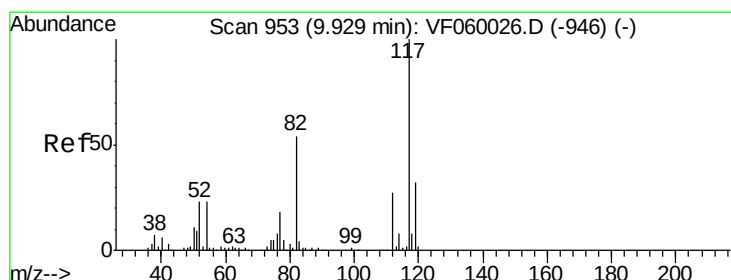
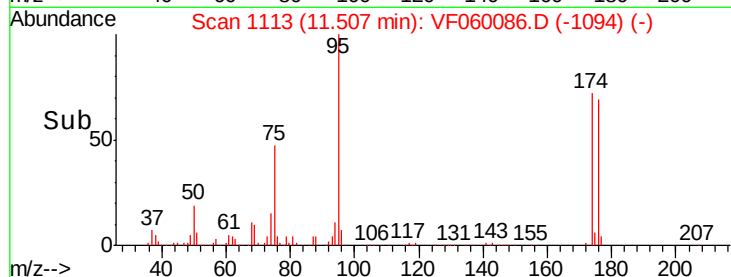
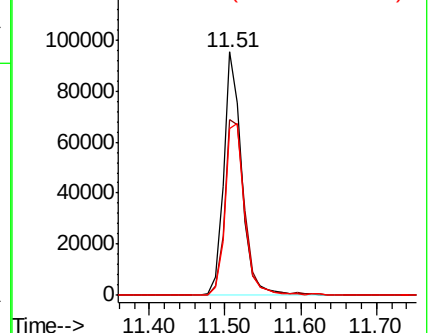
176 68.5 0.0 153.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.01 min

Lab File: VF060086.D

Acq: 24 Aug 2018 8:16

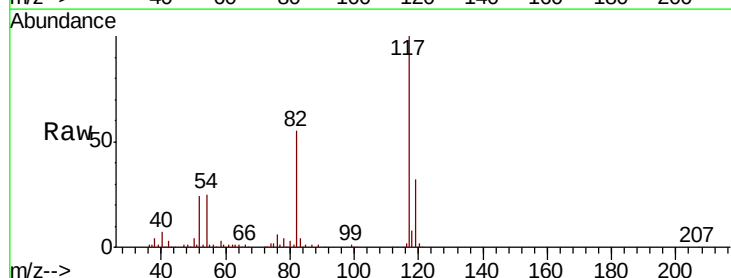
Tgt Ion: 117 Resp: 286519

Ion Ratio Lower Upper

117 100

82 55.3 43.6 65.4

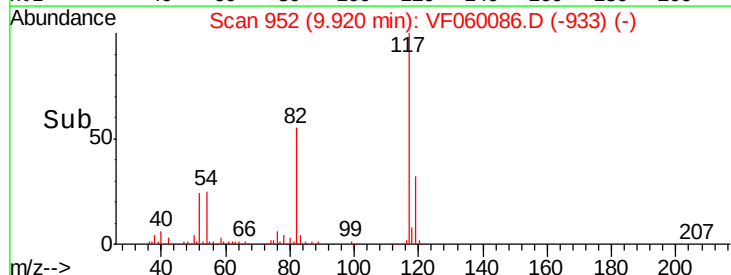
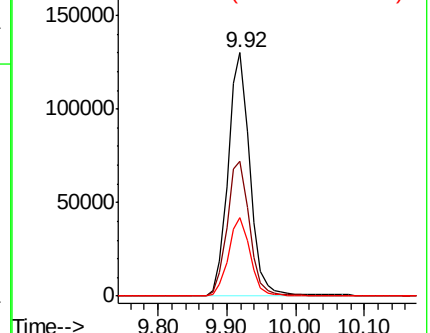
119 32.4 25.6 38.4

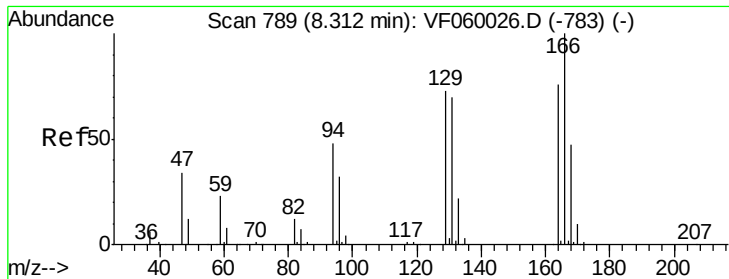


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#64

Tetrachloroethene

Concen: 1.69 ug/l

RT: 8.30 min Scan# 788

Delta R.T. -0.01 min

Lab File: VF060086.D

Acq: 24 Aug 2018 8:16

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-C4

Tot Ion:164 Resp: 3259

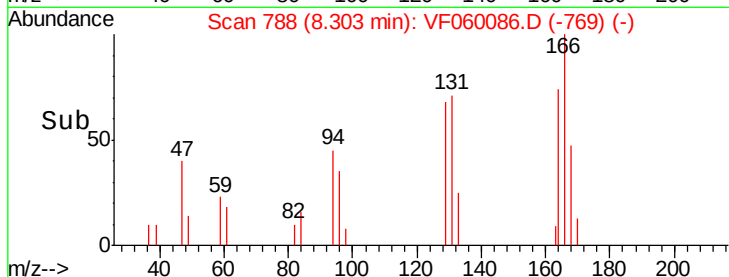
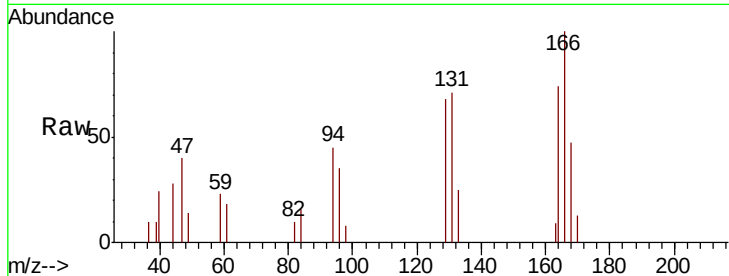
Ion Ratio Lower Upper

164 100

166 135.1 104.7 157.1

129 91.8 77.0 115.4

131 96.5 72.9 109.3

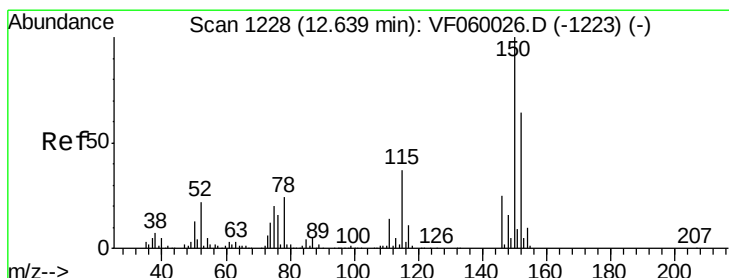
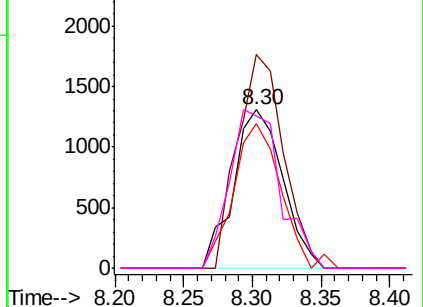


Abundance Ion 163.85 (163.55 to 164.55): V

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: VF060086.D

Acq: 24 Aug 2018 8:16

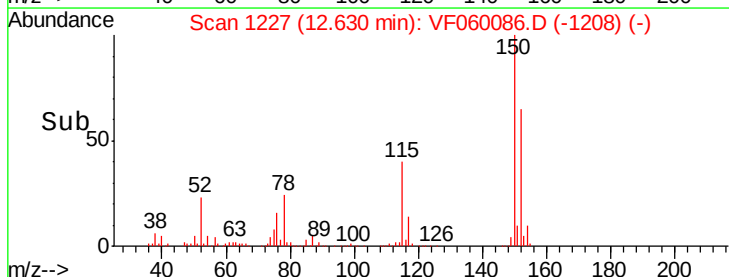
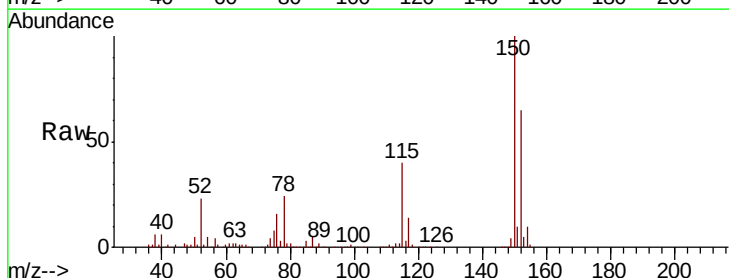
Tgt Ion:152 Resp: 162737

Ion Ratio Lower Upper

152 100

115 61.6 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

