

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059445.D
 Acq On : 5 Jul 2018 20:22
 Operator : VA/AP
 Sample : J3855-01
 Misc : 6.42g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-8(5.5-6)

Quant Time: Jul 06 08:46:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

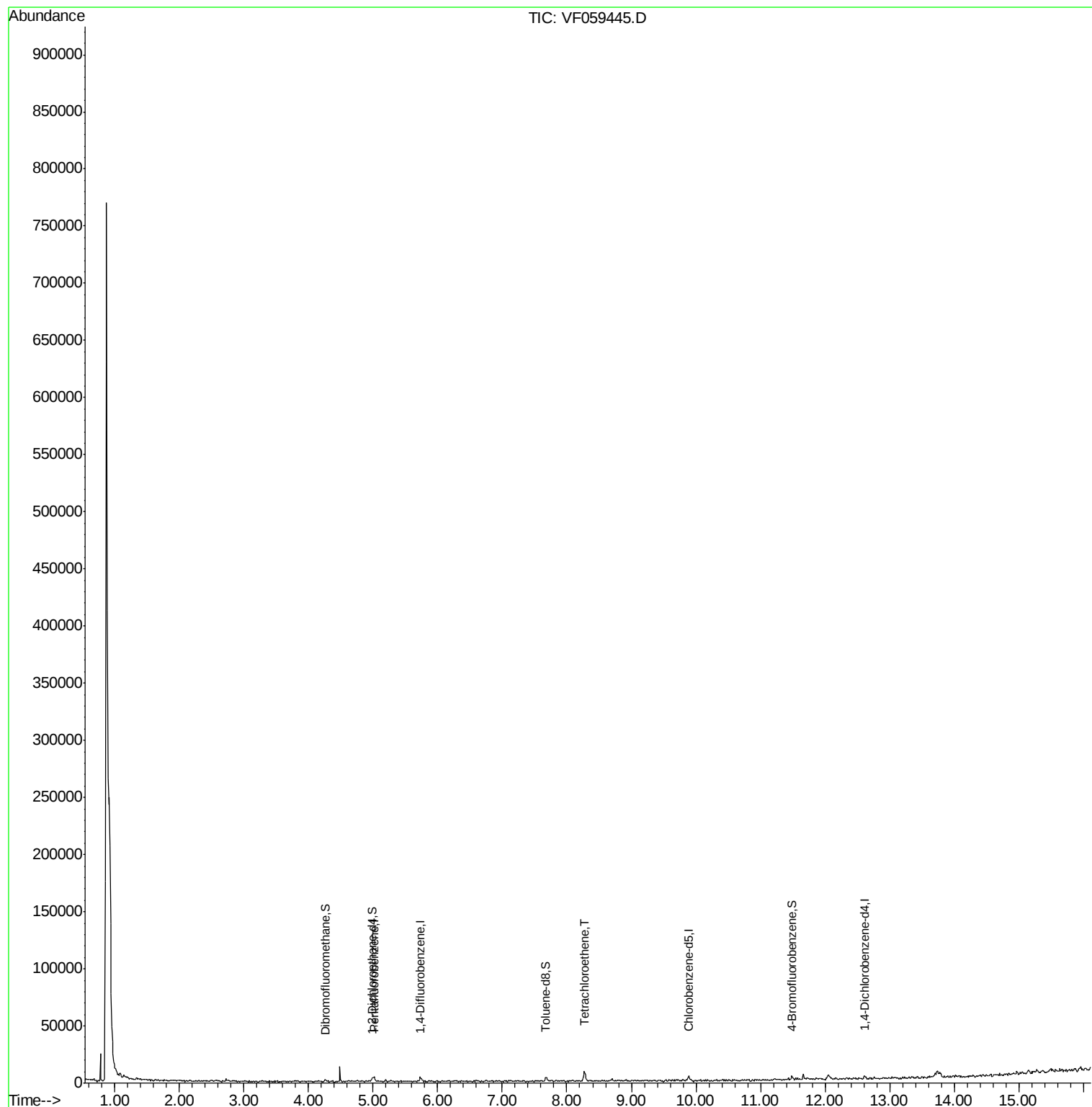
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	3366	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	3157	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.88	117	2773	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	875	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	916	21.06	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	42.12%	
35) Dibromofluoromethane	4.26	113	651	28.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	56.44%	
50) Toluene-d8	7.67	98	2632	46.08	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.16%	
62) 4-Bromofluorobenzene	11.49	95	1008	31.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.58%	
Target Compounds						
64) Tetrachloroethene	8.27	164	2548	141.673	ug/l #	Qvalue 78

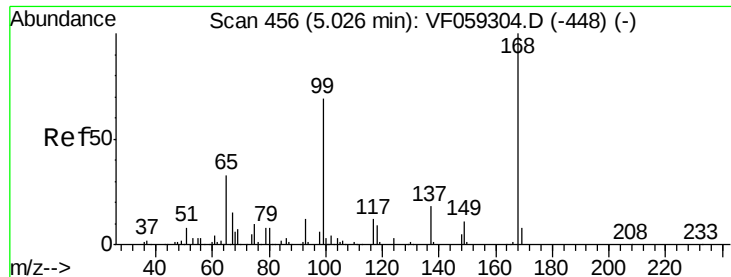
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059445.D

Acq: 5 Jul 2018 20:22

Instrument :

MSVOA_F

ClientSampleId :

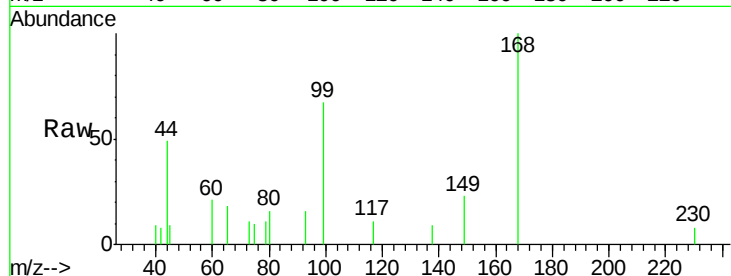
S-8(5.5-6)

Tot Ion:168 Resp: 3366

Ion Ratio Lower Upper

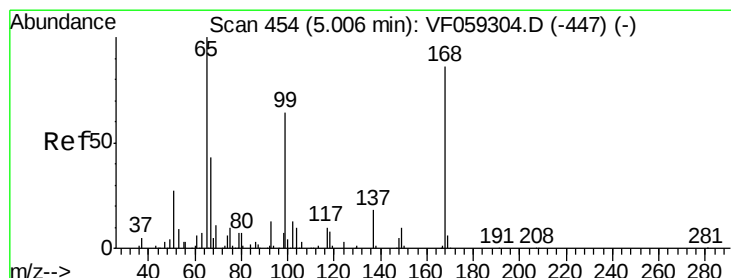
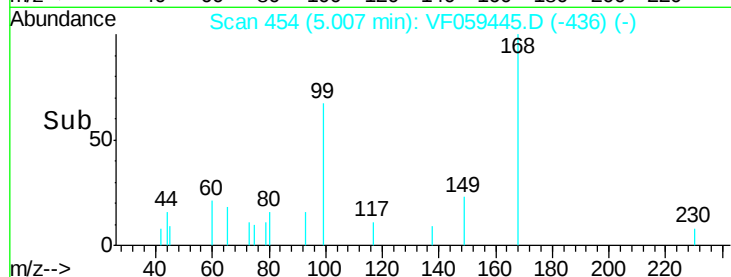
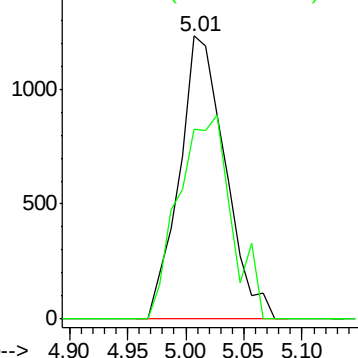
168 100

99 67.2 54.9 82.3



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: 21.063 ug/l

RT: 4.98 min Scan# 451

Delta R.T. -0.03 min

Lab File: VF059445.D

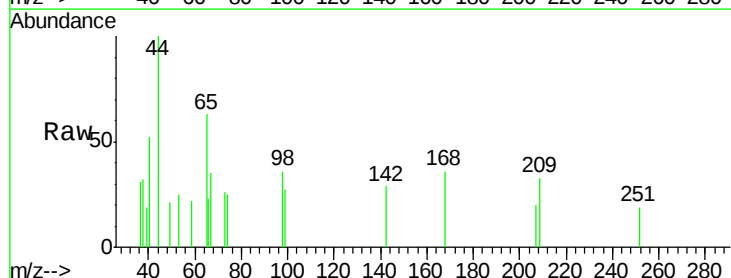
Acq: 5 Jul 2018 20:22

Tgt Ion: 65 Resp: 916

Ion Ratio Lower Upper

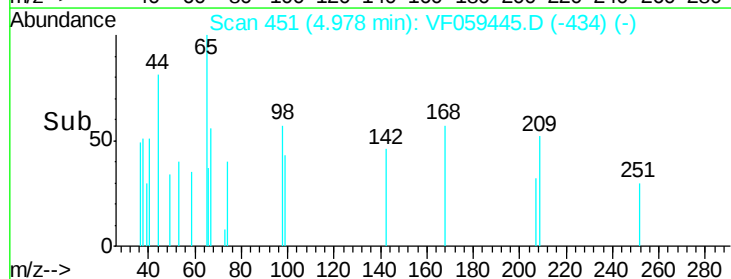
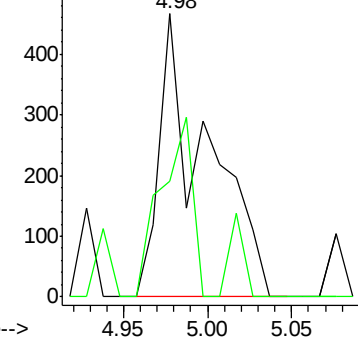
65 100

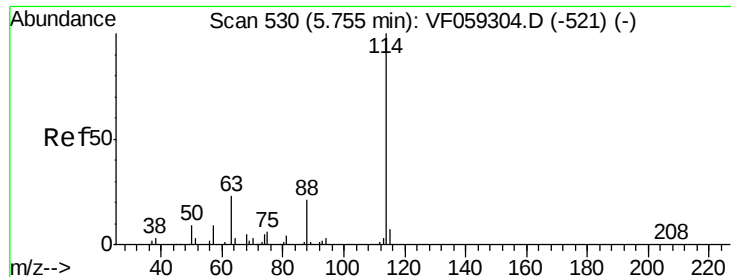
67 40.9 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059445.D

Acq: 5 Jul 2018 20:22

Instrument :

MSVOA_F

ClientSampleId :

S-8(5.5-6)

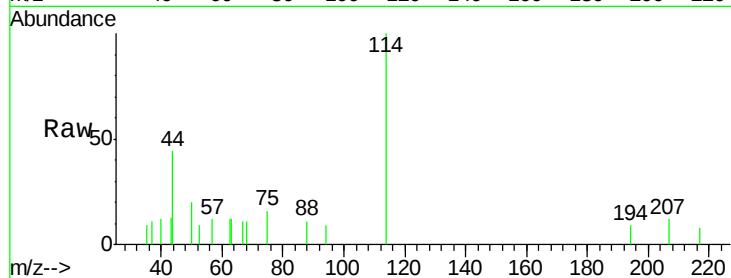
Tot Ion:114 Resp: 3157

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.8

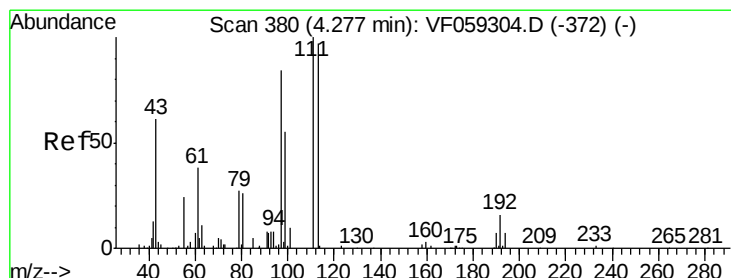
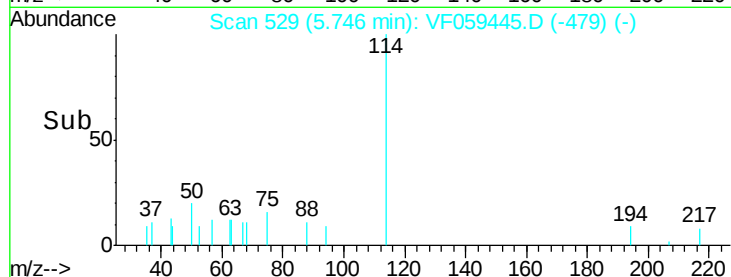
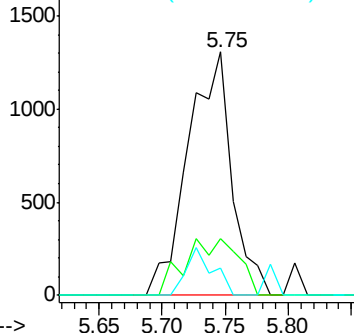
88 11.1 0.0 41.2



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: 28.222 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF059445.D

Acq: 5 Jul 2018 20:22

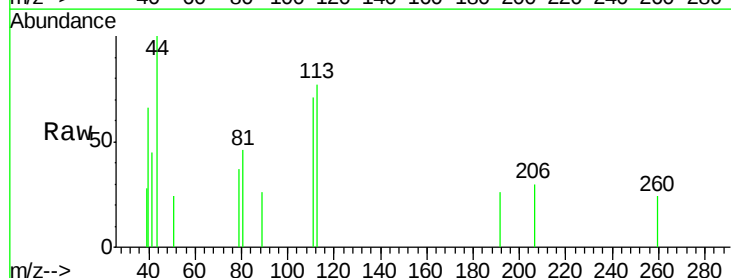
Tgt Ion:113 Resp: 651

Ion Ratio Lower Upper

113 100

111 92.2 82.1 123.1

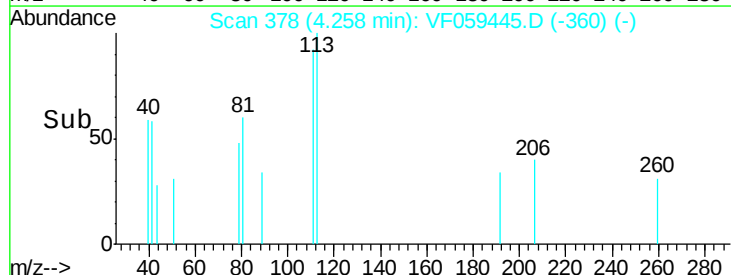
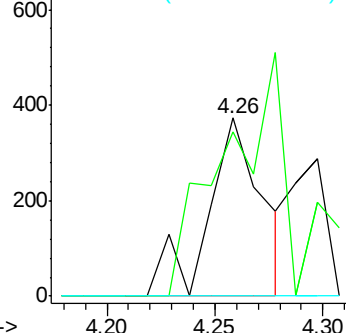
192 0.0 13.0 19.6#



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: 46.085 ug/l

RT: 7.67 min Scan# 724

Delta R.T. -0.03 min

Lab File: VF059445.D

Acq: 5 Jul 2018 20:22

Instrument :

MSVOA_F

ClientSampled :

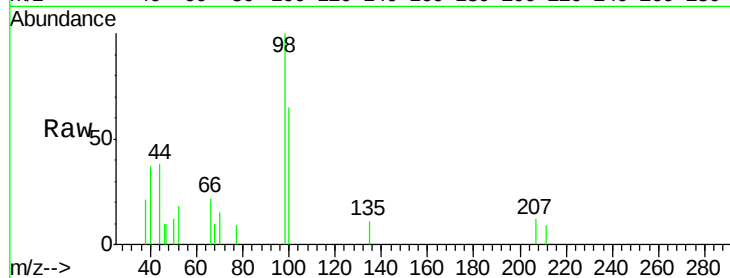
S-8(5.5-6)

Tot Ion: 98 Resp: 2632

Ion Ratio Lower Upper

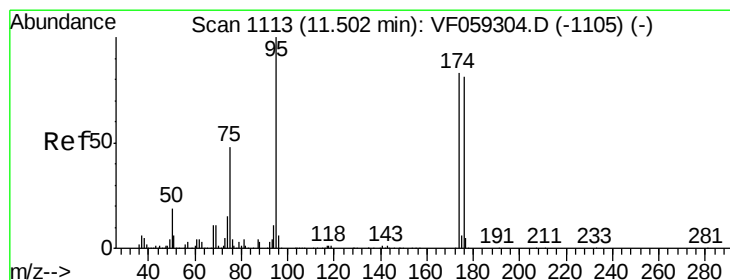
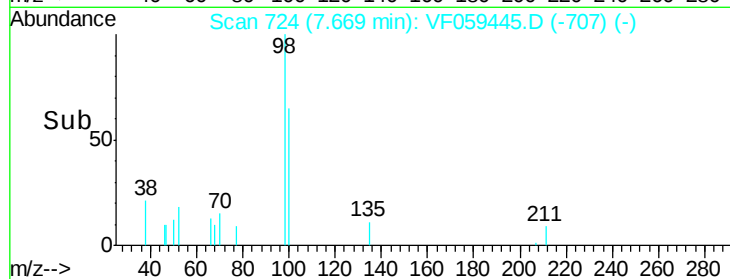
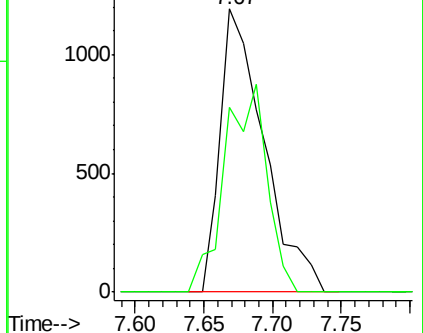
98 100

100 65.3 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#62

4-Bromofluorobenzene

Concen: 31.288 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059445.D

Acq: 5 Jul 2018 20:22

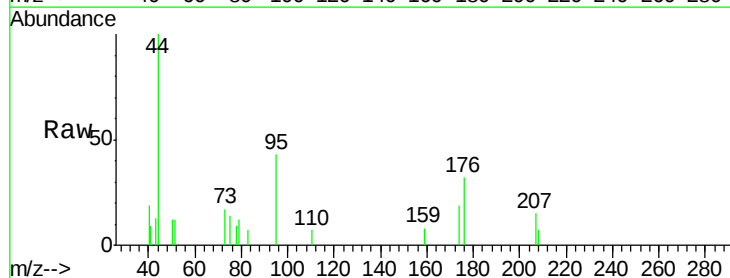
Tgt Ion: 95 Resp: 1008

Ion Ratio Lower Upper

95 100

174 45.0 0.0 165.2

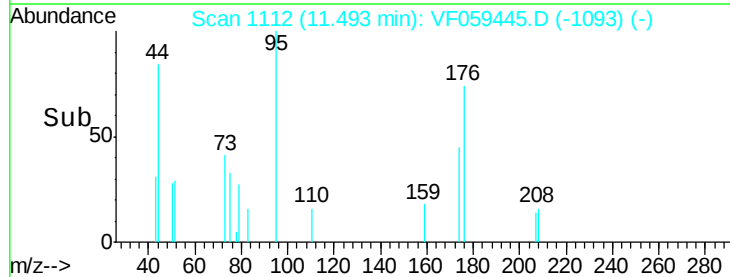
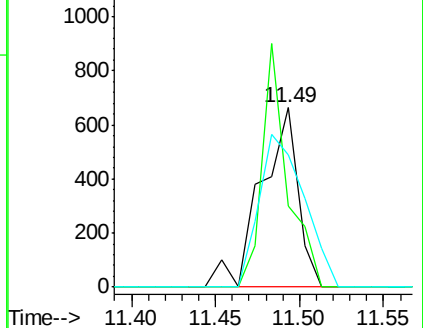
176 73.8 0.0 161.0

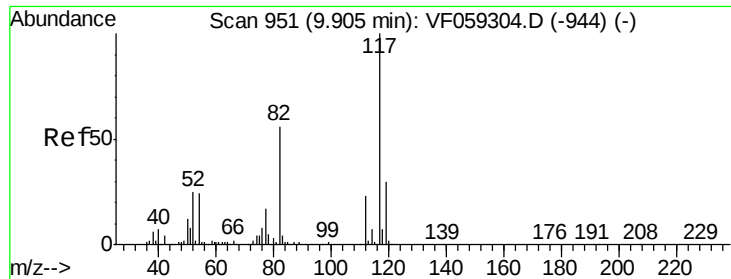


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

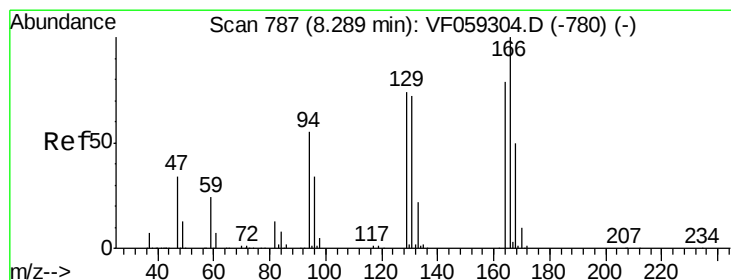
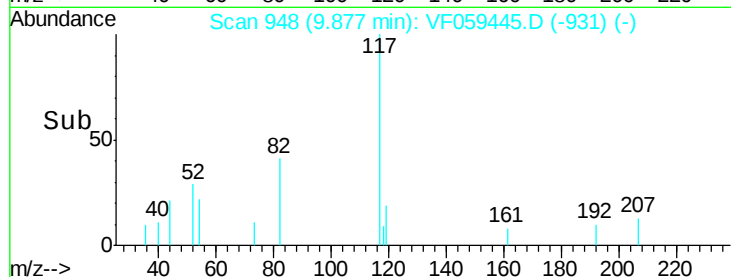
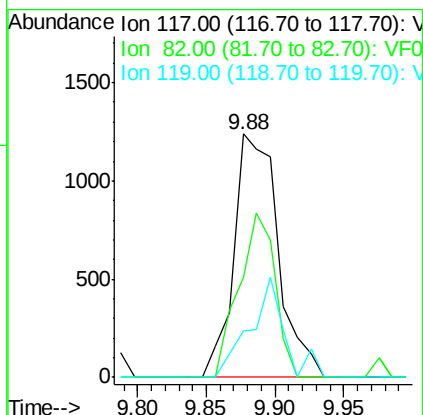
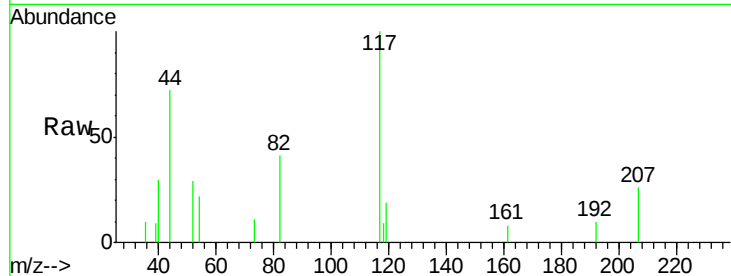




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.88 min Scan# 948
Delta R.T. -0.03 min
Lab File: VF059445.D
Acq: 5 Jul 2018 20:22

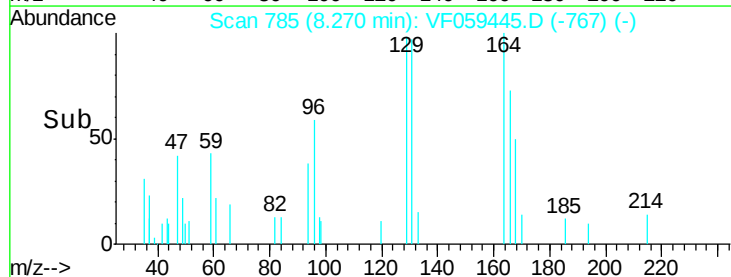
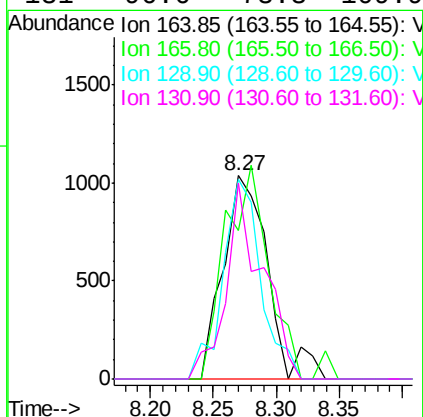
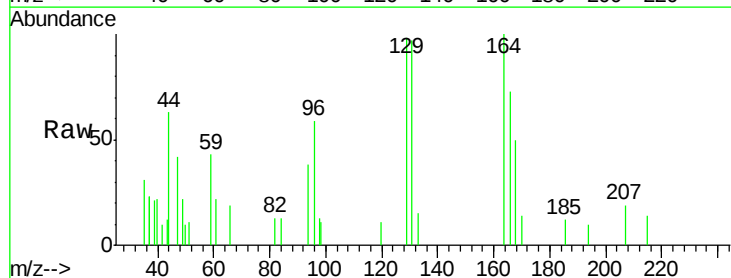
Instrument :
MSVOA_F
ClientSampleId :
S-8(5.5-6)

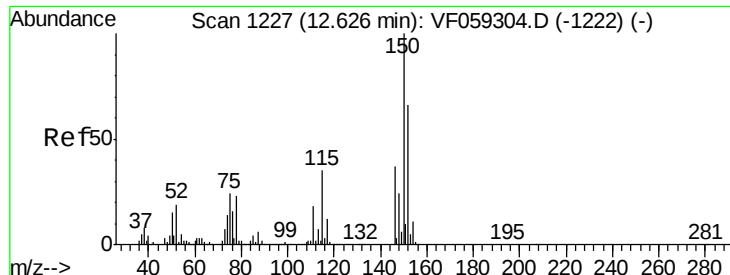
Tot Ion:117 Resp: 2773
Ion Ratio Lower Upper
117 100
82 41.0 44.6 66.8#
119 19.4 24.1 36.1#



#64
Tetrachloroethene
Concen: 141.673 ug/l
RT: 8.27 min Scan# 785
Delta R.T. -0.02 min
Lab File: VF059445.D
Acq: 5 Jul 2018 20:22

Tgt Ion:164 Resp: 2548
Ion Ratio Lower Upper
164 100
166 73.4 101.1 151.7#
129 98.2 75.0 112.4
131 96.6 73.3 109.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VF059445.D

Acq: 5 Jul 2018 20:22

Instrument :

MSVOA_F

ClientSampleId :

S-8(5.5-6)

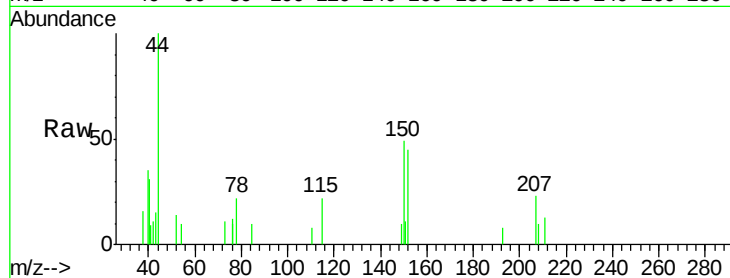
Tot Ion:152 Resp: 875

Ion Ratio Lower Upper

152 100

115 48.8 27.1 81.3

150 108.7 0.0 305.2



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

