

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062218\
 Data File : VF059291.D
 Acq On : 22 Jun 2018 23:19
 Operator : VA/AP
 Sample : J3605-01
 Misc : 6.94g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-1(5-5.5)

Quant Time: Jun 23 05:04:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

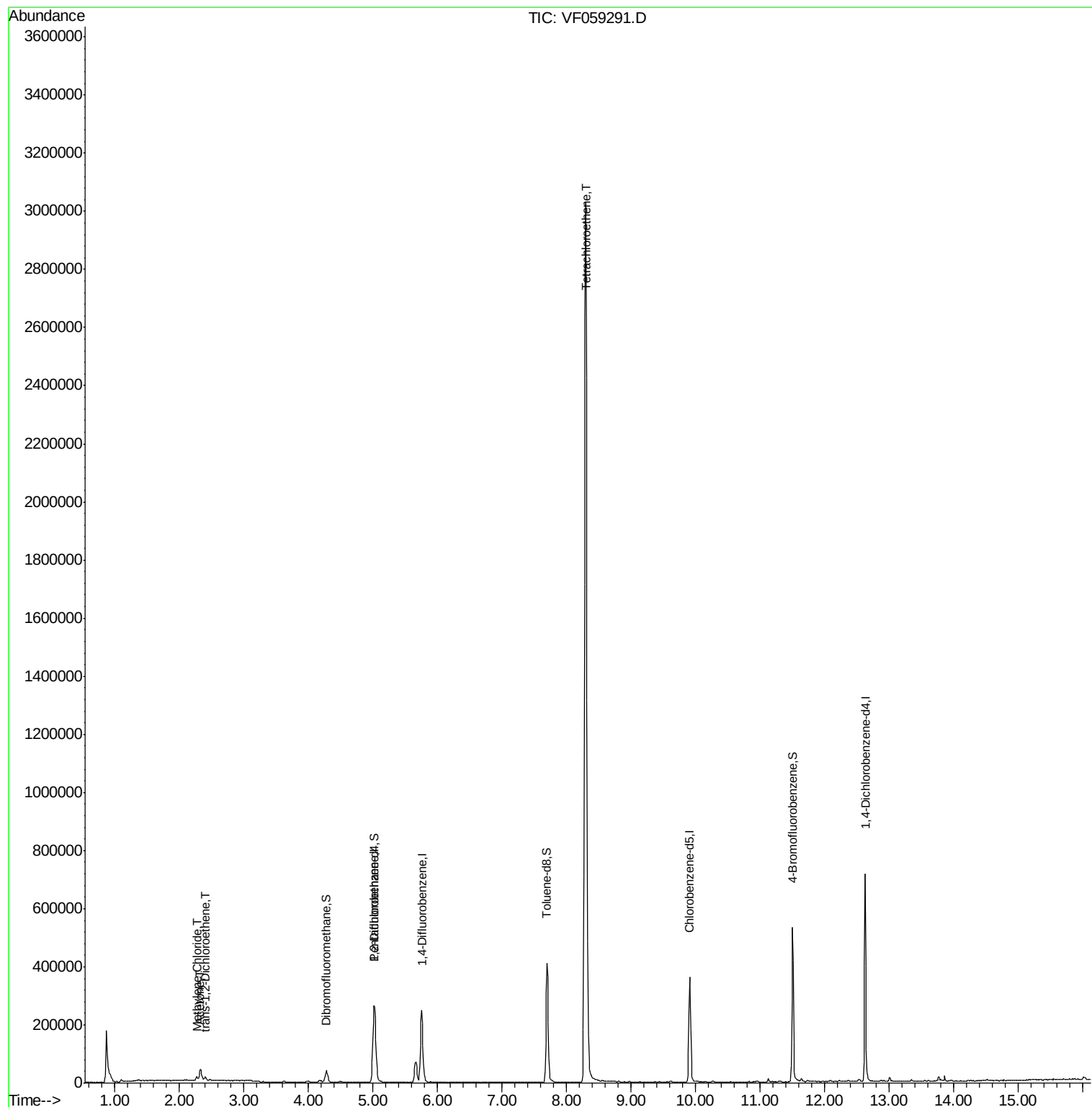
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	164481	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	252050	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	255751	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	169897	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	155816	66.00	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	132.00%	
35) Dibromofluoromethane	4.28	113	34255	16.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	32.30%	
50) Toluene-d8	7.70	98	332285	61.60	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	123.20%	
62) 4-Bromofluorobenzene	11.50	95	185592	62.05	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	124.10%	
Target Compounds						
16) Acetone	2.32	43	60093	107.69	ug/l	94
20) Methylene Chloride	2.27	84	9757	6.98	ug/l #	81
21) trans-1,2-Dichloroethene	2.41	96	3215	2.64	ug/l #	73
64) Tetrachloroethene	8.30	164	909804	463.20	ug/l	94

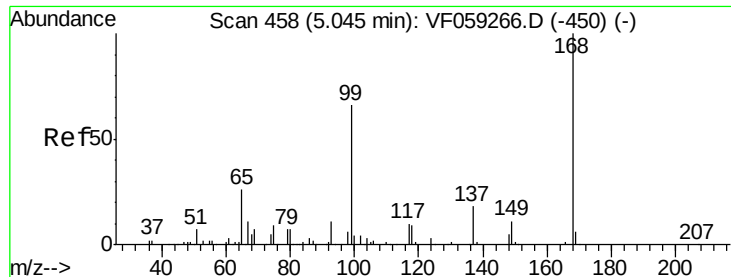
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062218\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF059291.D

Acq: 22 Jun 2018 23:19

Instrument :

MSVOA_F

ClientSampleId :

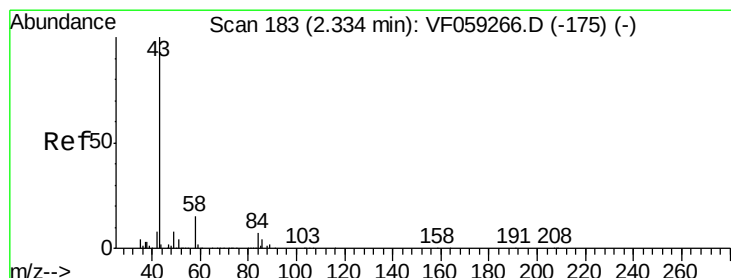
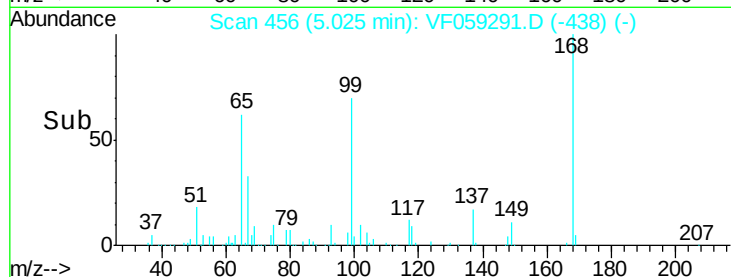
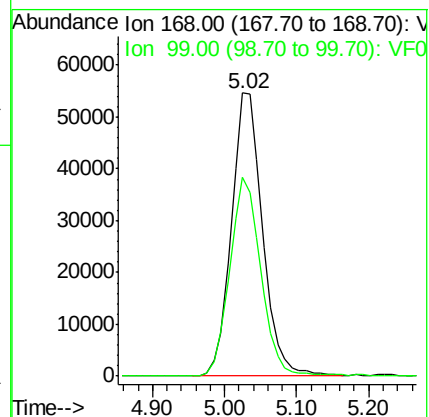
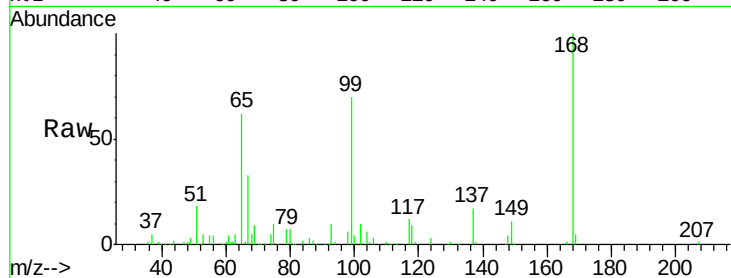
S-1(5-5.5)

Tot Ion:168 Resp: 164481

Ion Ratio Lower Upper

168 100

99 70.2 52.6 78.8



#16

Acetone

Concen: 107.69 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF059291.D

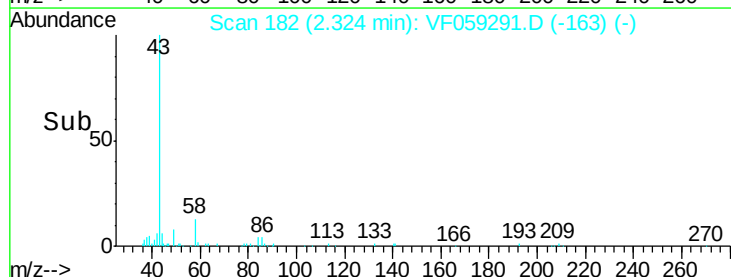
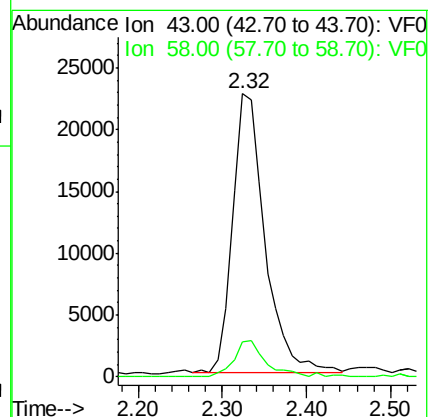
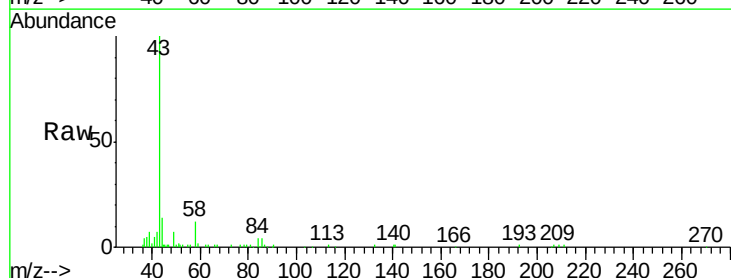
Acq: 22 Jun 2018 23:19

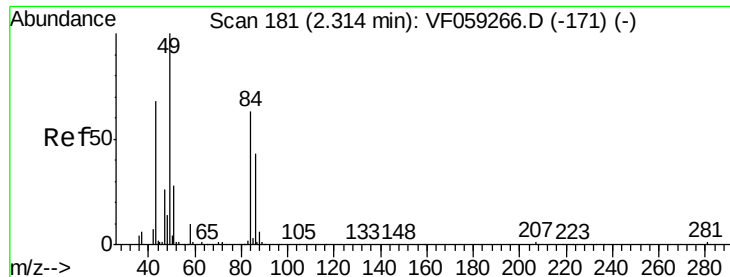
Tgt Ion: 43 Resp: 60093

Ion Ratio Lower Upper

43 100

58 12.5 12.1 18.1

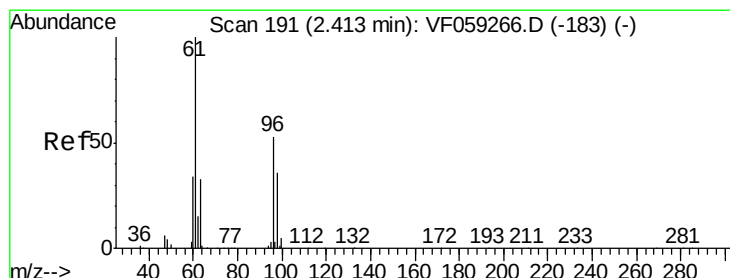
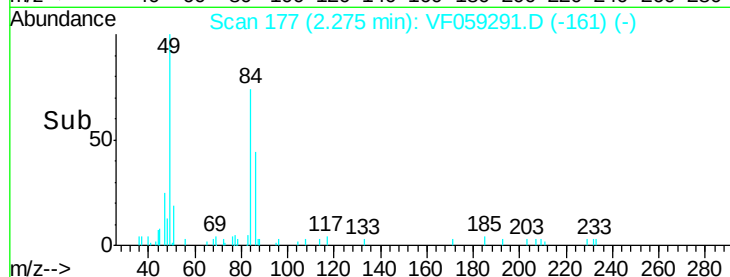
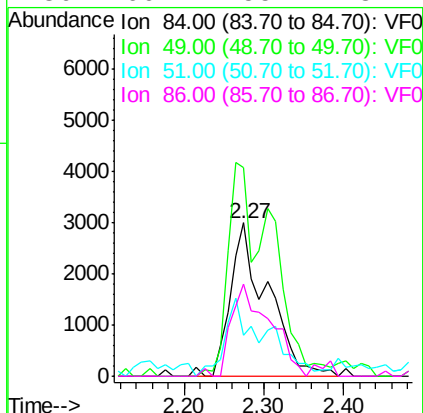
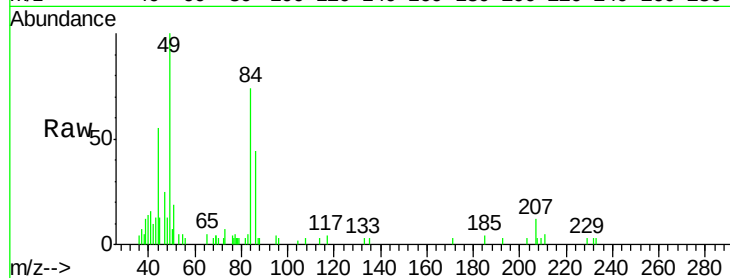




#20
Methylene Chloride
Concen: 6.98 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.04 min
Lab File: VF059291.D
Acq: 22 Jun 2018 23:19

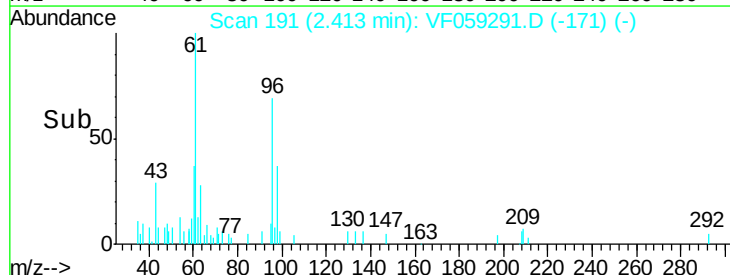
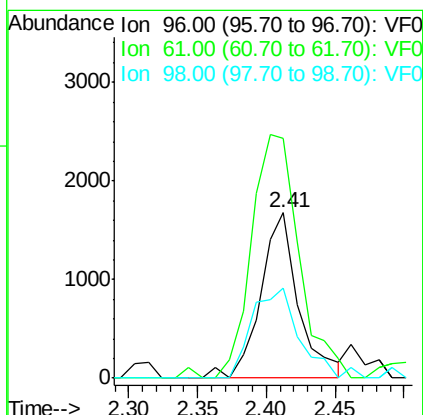
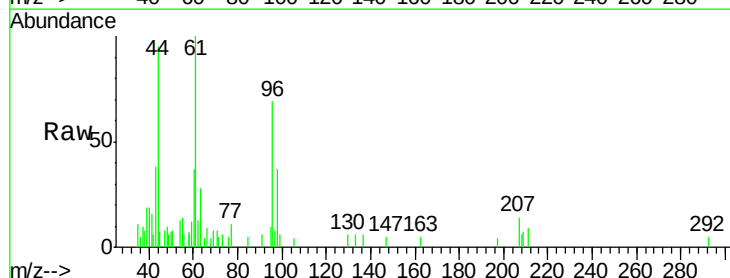
Instrument :
MSVOA_F
ClientSampleId :
S-1(5-5.5)

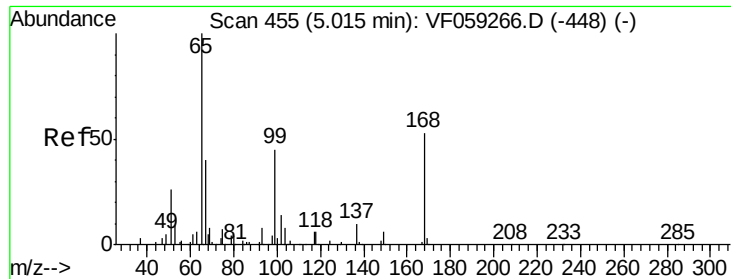
Tot Ion: 84 Resp: 9757
Ion Ratio Lower Upper
84 100
49 136.0 130.0 195.0
51 26.3 36.6 55.0#
86 60.4 55.1 82.7



#21
trans-1,2-Dichloroethene
Concen: 2.64 ug/l
RT: 2.41 min Scan# 191
Delta R.T. -0.00 min
Lab File: VF059291.D
Acq: 22 Jun 2018 23:19

Tgt Ion: 96 Resp: 3215
Ion Ratio Lower Upper
96 100
61 144.8 151.2 226.8#
98 54.3 54.2 81.2

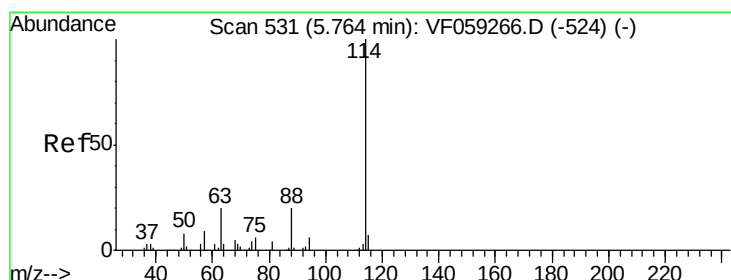
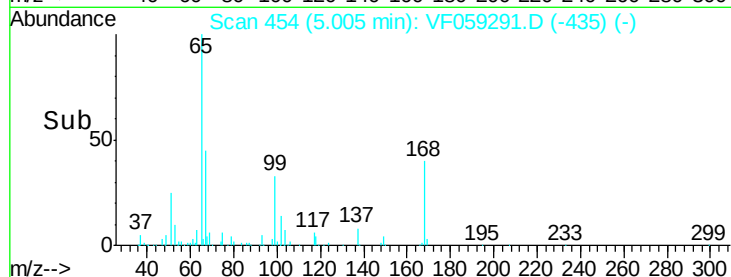
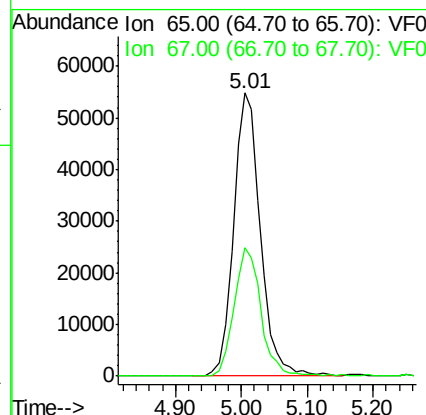
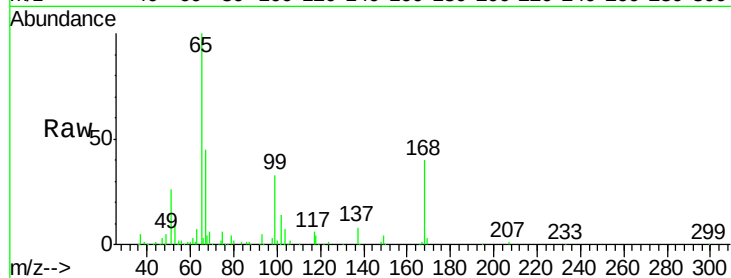




#33
 1,2-Dichloroethane-d4
 Concen: 66.00 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: VF059291.D
 Acq: 22 Jun 2018 23:19

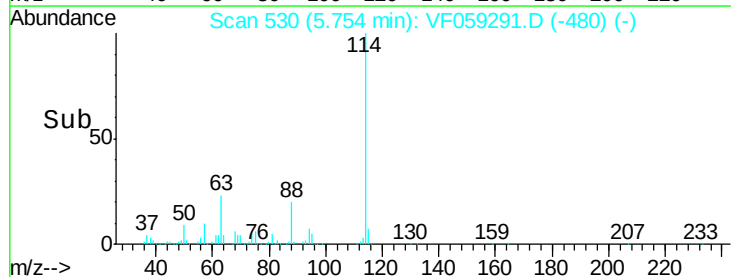
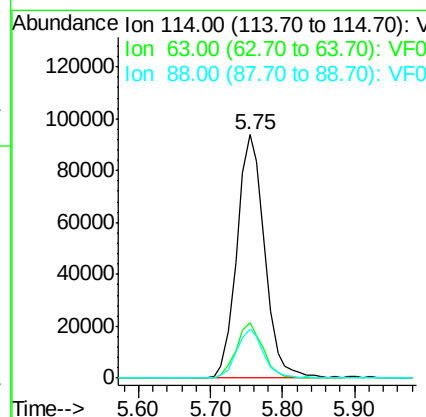
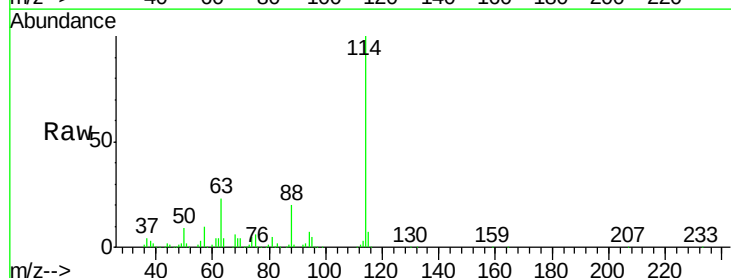
Instrument :
 MSVOA_F
 ClientSampleId :
 S-1(5-5.5)

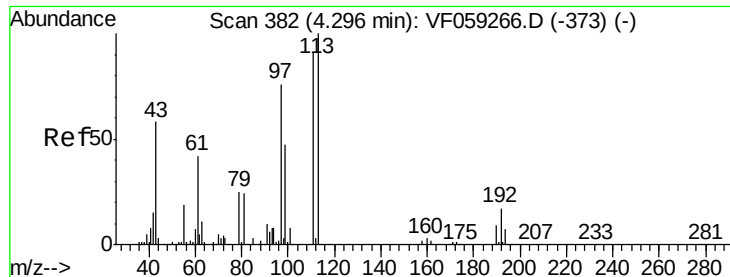
Tot Ion: 65 Resp: 155816
 Ion Ratio Lower Upper
 65 100
 67 45.4 0.0 95.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059291.D
 Acq: 22 Jun 2018 23:19

Tgt Ion: 114 Resp: 252050
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 41.0
 88 20.0 0.0 39.6

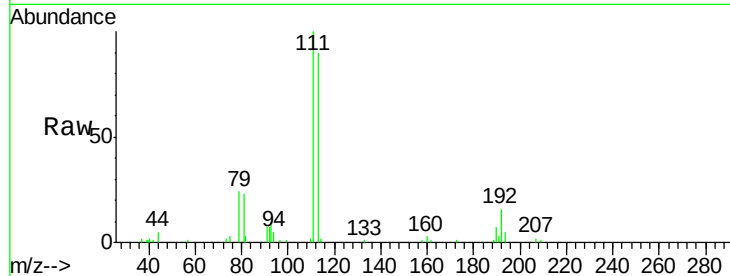




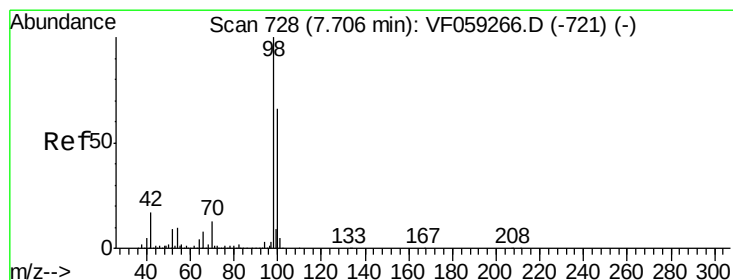
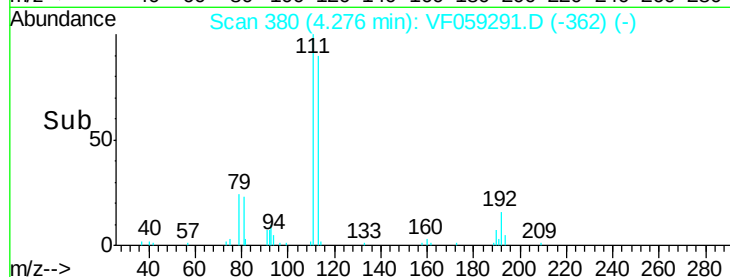
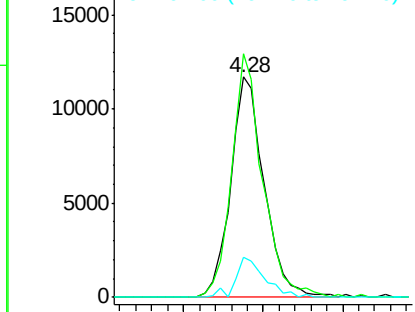
#35
 Dibromofluoromethane
 Concen: 16.15 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF059291.D
 Acq: 22 Jun 2018 23:19

Instrument :
 MSVOA_F
 ClientSampleId :
 S-1(5-5.5)

Tot Ion:113 Resp: 34255
 Ion Ratio Lower Upper
 113 100
 111 110.5 73.1 109.7#
 192 18.0 13.9 20.9

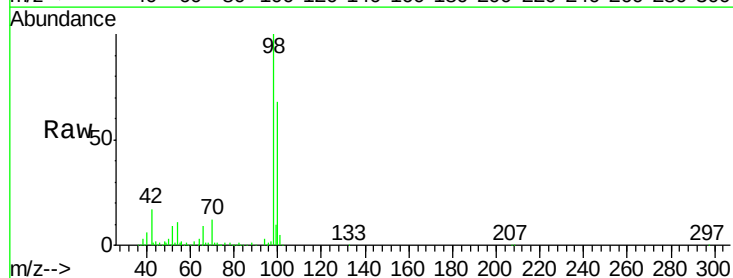


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

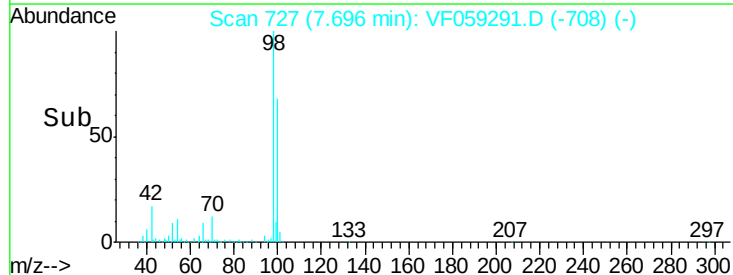
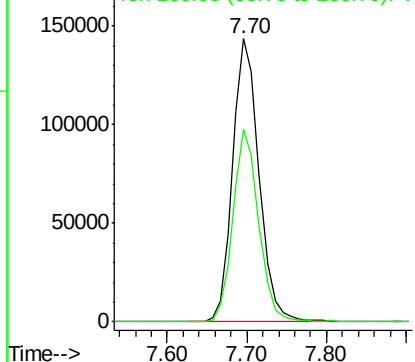


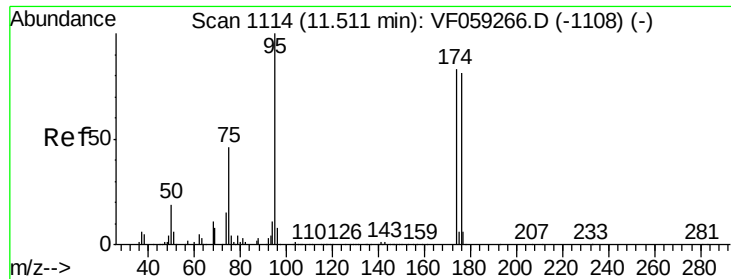
#50
 Toluene-d8
 Concen: 61.60 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VF059291.D
 Acq: 22 Jun 2018 23:19

Tgt Ion: 98 Resp: 332285
 Ion Ratio Lower Upper
 98 100
 100 68.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF0

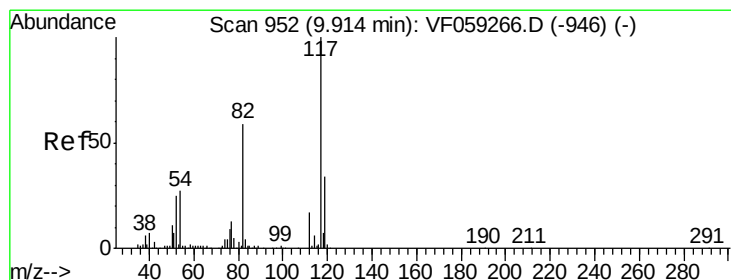
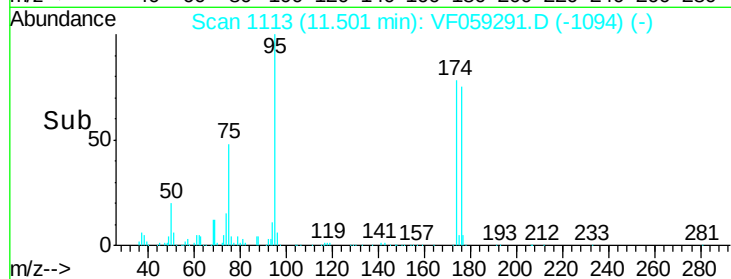
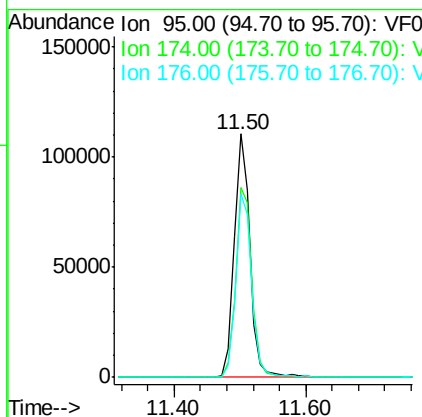
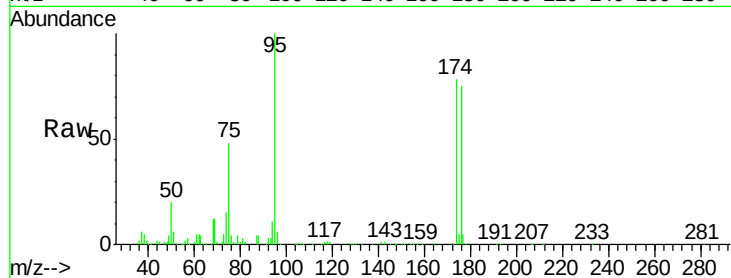




#62
4-Bromofluorobenzene
Concen: 62.05 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059291.D
Acq: 22 Jun 2018 23:19

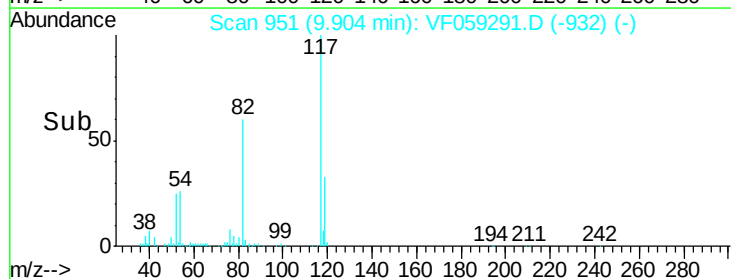
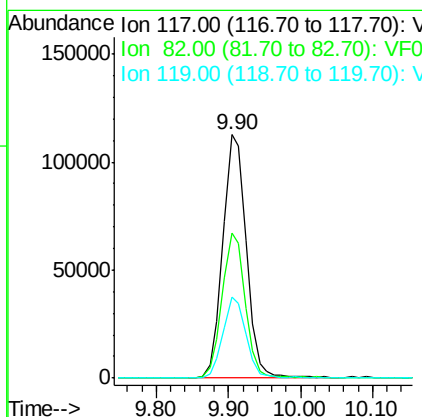
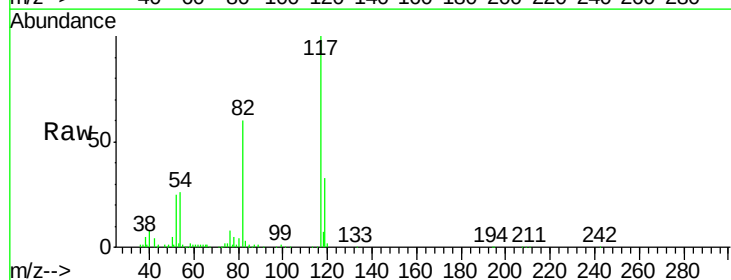
Instrument :
MSVOA_F
ClientSampled :
S-1(5-5.5)

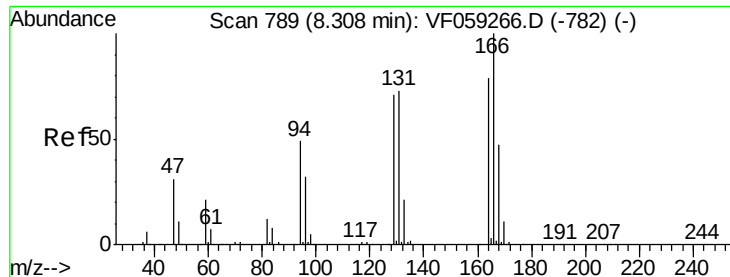
Tot Ion	95	Resp	185592
Ion Ratio	Lower	Upper	
95	100		
174	77.8	0.0	166.2
176	75.2	0.0	162.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059291.D
Acq: 22 Jun 2018 23:19

Tgt Ion	117	Resp	255751
Ion Ratio	Lower	Upper	
117	100		
82	59.7	47.1	70.7
119	33.3	26.9	40.3





#64

Tetrachloroethene

Concen: 463.20 ug/l

RT: 8.30 min Scan# 788

Delta R.T. -0.01 min

Lab File: VF059291.D

Acq: 22 Jun 2018 23:19

Instrument :

MSVOA_F

ClientSampleId :

S-1(5-5.5)

Tot Ion:164 Resp: 909804

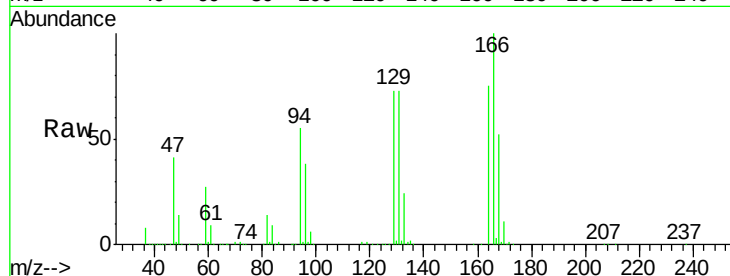
Ion Ratio Lower Upper

164 100

166 132.6 101.4 152.2

129 97.3 72.2 108.4

131 96.7 73.8 110.6

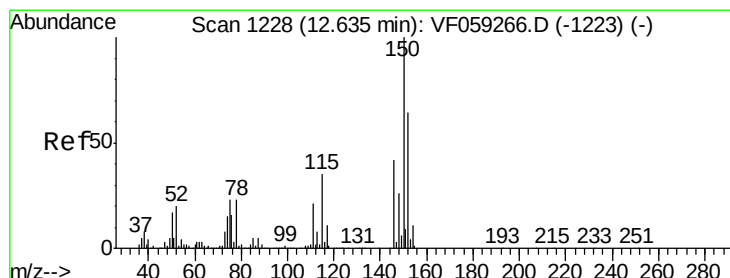
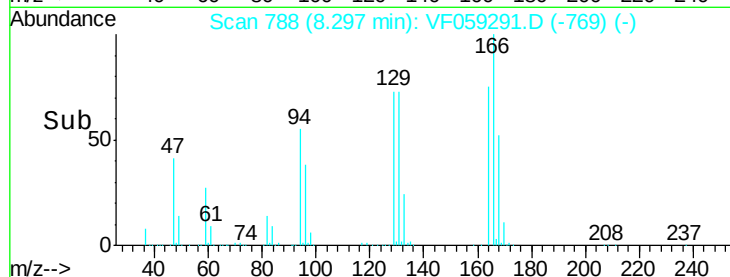
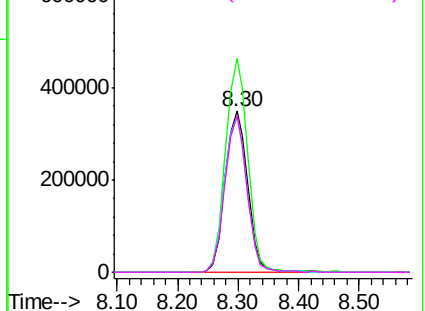


Abundance Ion 163.85 (163.55 to 164.55): V

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: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059291.D

Acq: 22 Jun 2018 23:19

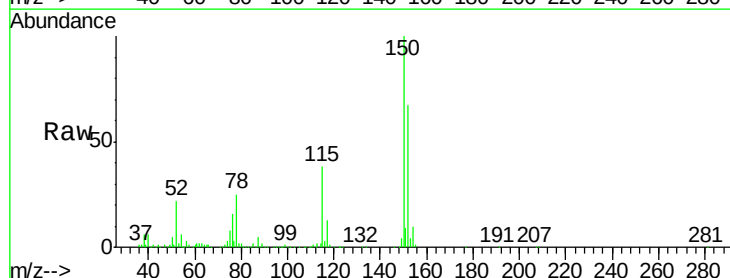
Tgt Ion:152 Resp: 169897

Ion Ratio Lower Upper

152 100

115 57.2 27.8 83.3

150 150.1 0.0 313.8



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

