

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072018\
 Data File : VF059600.D
 Acq On : 21 Jul 2018 00:11
 Operator : VA/AP
 Sample : J4054-06RE
 Misc : 6.41g/5mL/MSVOA F/SOIL
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 161-TP-1RE

Quant Time: Jul 21 04:21:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

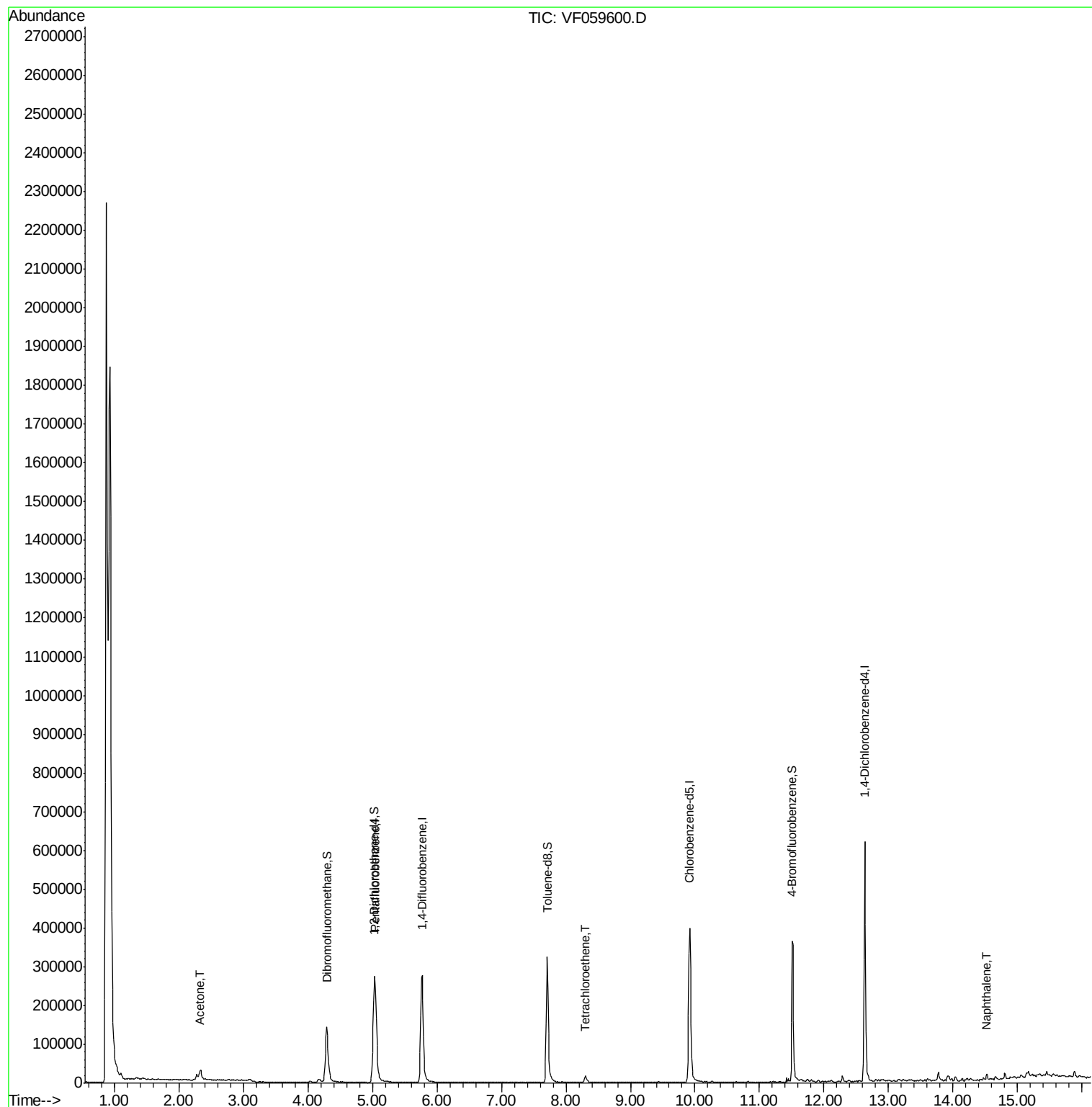
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	191827	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	286127	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	280688	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	152107	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	142750	47.85	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	4.29	113	124652	50.30	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	7.71	98	271444	43.49	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.98%	
62) 4-Bromofluorobenzene	11.51	95	139771	42.68	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.36%	
Target Compounds						
16) Acetone	2.33	43	47171	88.00	ug/l	Qvalue 97
64) Tetrachloroethene	8.30	164	4276	2.05	ug/l #	81
95) Naphthalene	14.52	128	6184	1.11	ug/l #	92

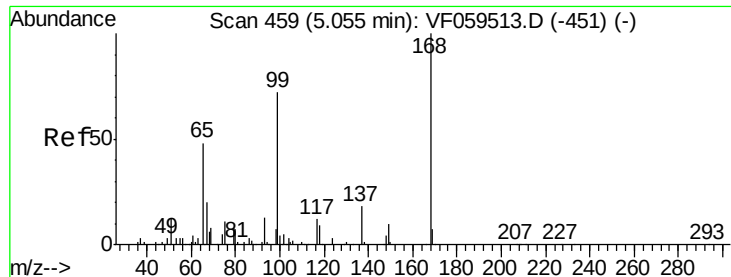
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059600.D

Acq: 21 Jul 2018 00:11

Instrument :

MSVOA_F

ClientSampleId :

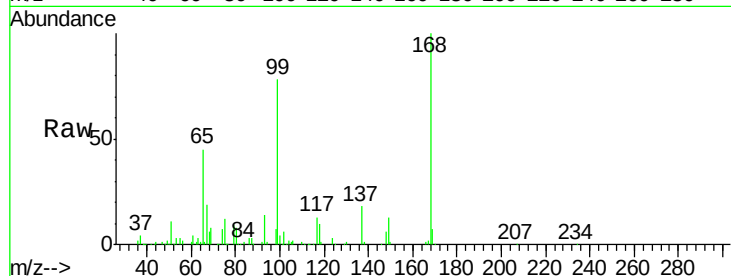
161-TP-1RE

Tot Ion:168 Resp: 191827

Ion Ratio Lower Upper

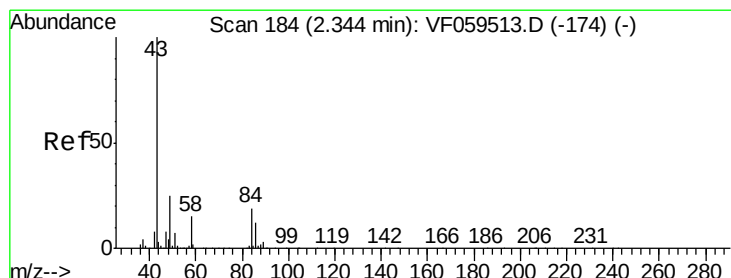
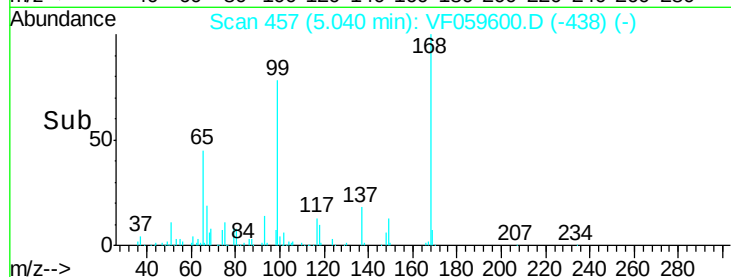
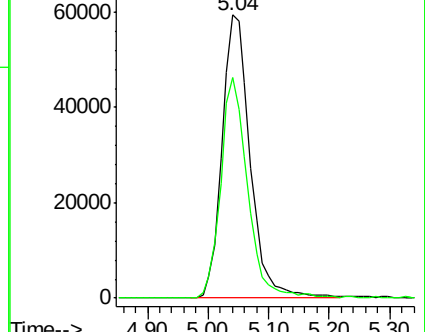
168 100

99 78.0 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 88.00 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF059600.D

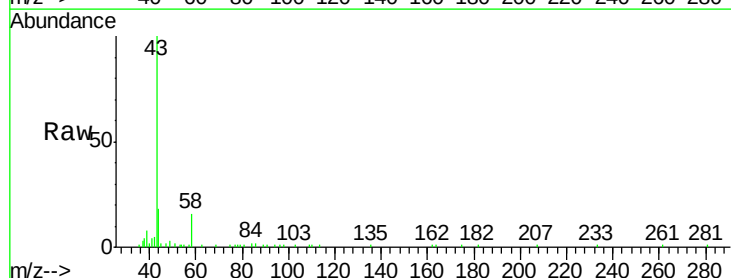
Acq: 21 Jul 2018 00:11

Tgt Ion: 43 Resp: 47171

Ion Ratio Lower Upper

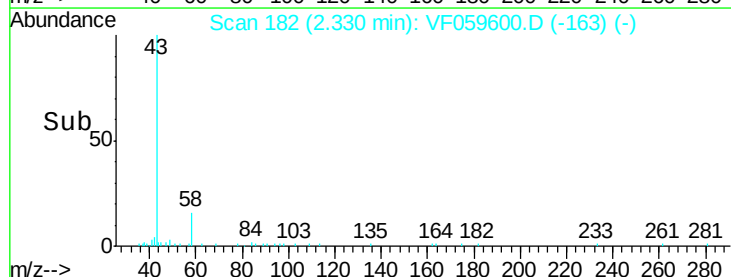
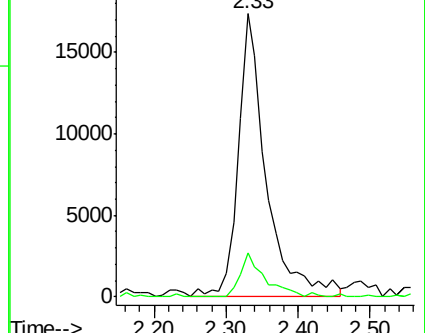
43 100

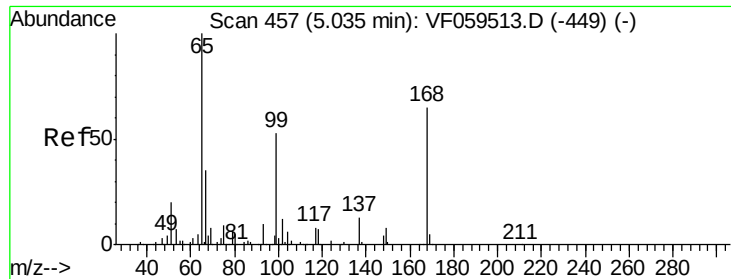
58 15.8 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

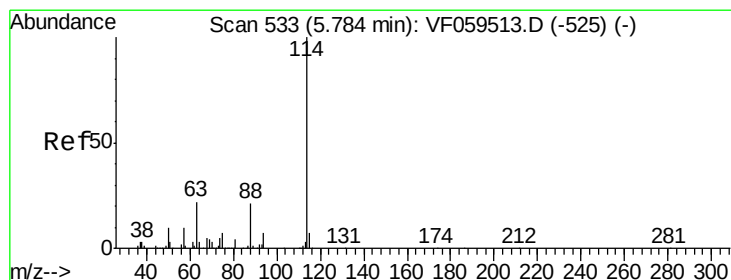
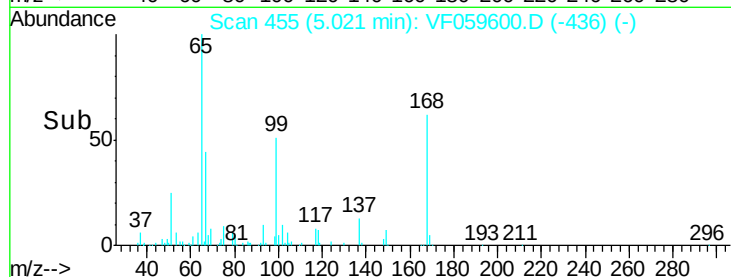
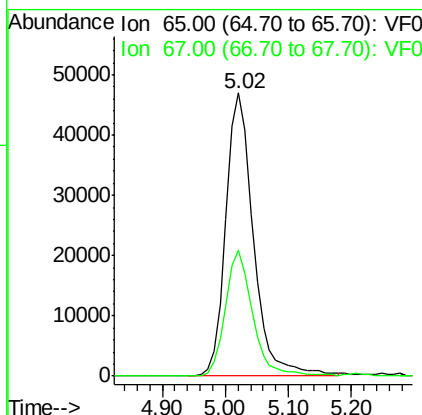
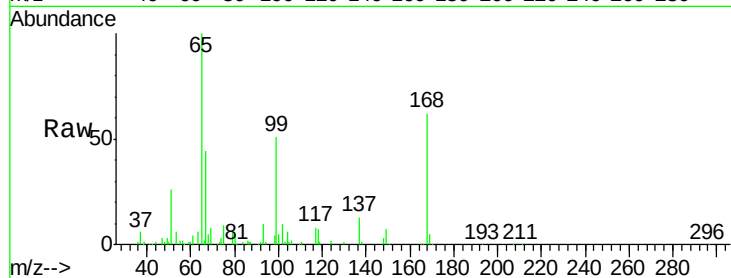




#33
 1,2-Dichloroethane-d4
 Concen: 47.85 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VF059600.D
 Acq: 21 Jul 2018 00:11

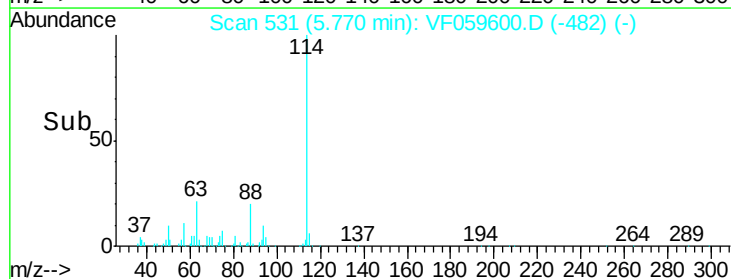
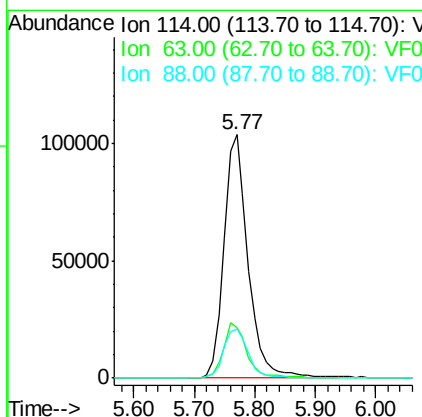
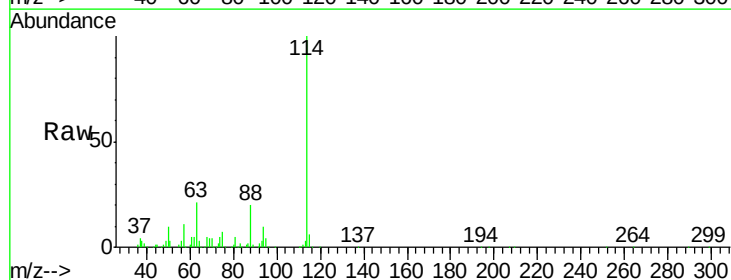
Instrument :
 MSVOA_F
 ClientSampleId :
 161-TP-1RE

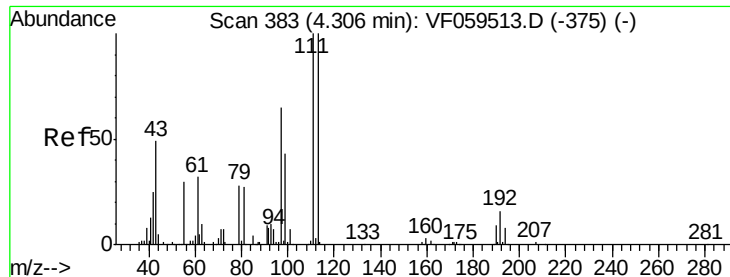
Tot Ion: 65 Resp: 142750
 Ion Ratio Lower Upper
 65 100
 67 44.3 0.0 91.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF059600.D
 Acq: 21 Jul 2018 00:11

Tgt Ion: 114 Resp: 286127
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 44.8
 88 20.2 0.0 42.6





#35

Dibromofluoromethane

Concen: 50.30 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059600.D

Acq: 21 Jul 2018 00:11

Instrument :

MSVOA_F

ClientSampleId :

161-TP-1RE

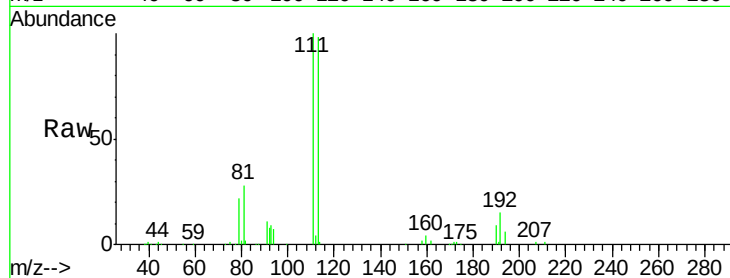
Tot Ion:113 Resp: 124652

Ion Ratio Lower Upper

113 100

111 101.8 80.3 120.5

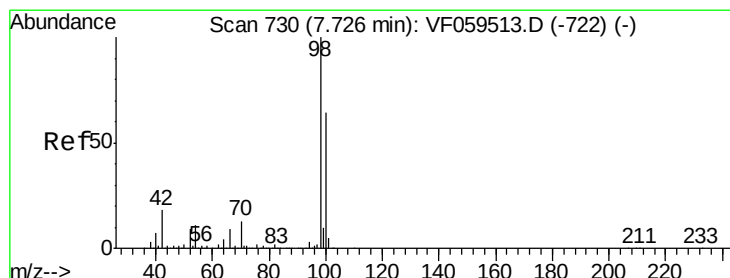
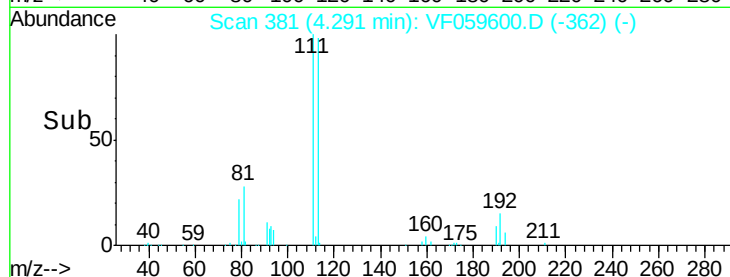
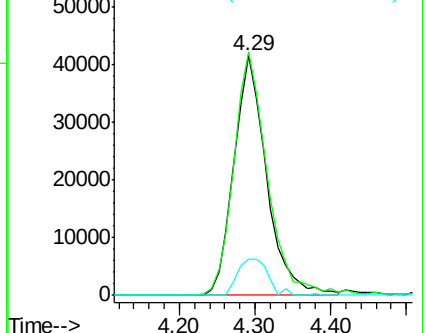
192 15.3 13.1 19.7



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: 43.49 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF059600.D

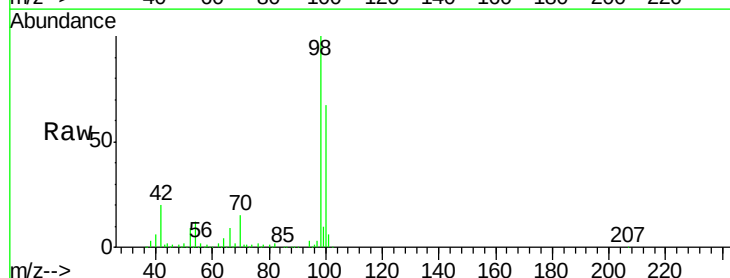
Acq: 21 Jul 2018 00:11

Tgt Ion: 98 Resp: 271444

Ion Ratio Lower Upper

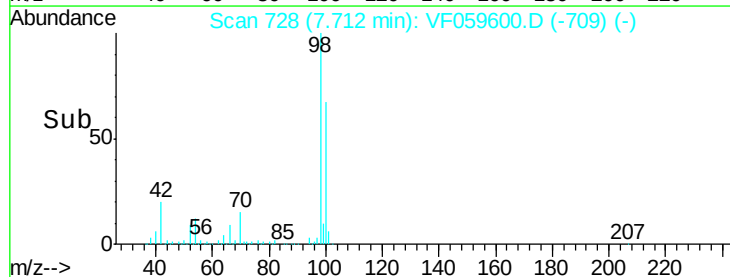
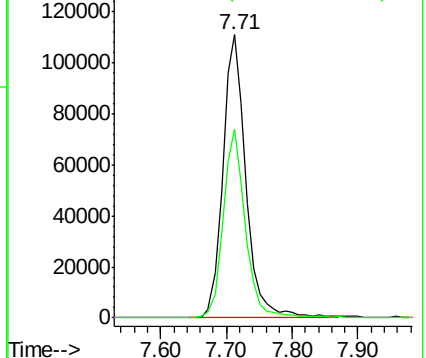
98 100

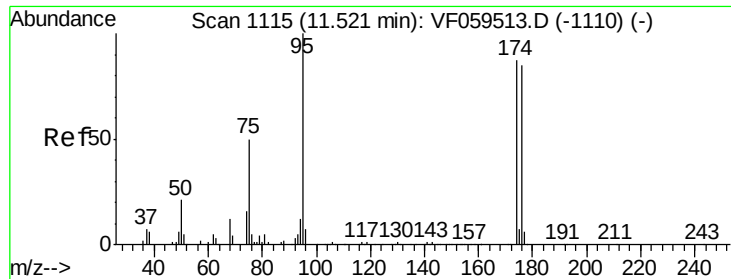
100 66.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

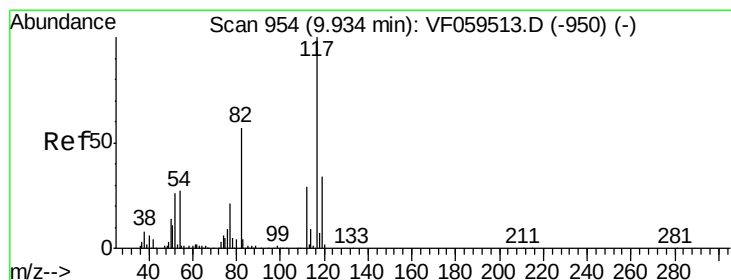
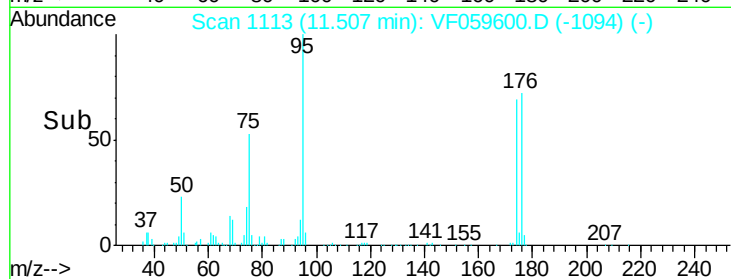
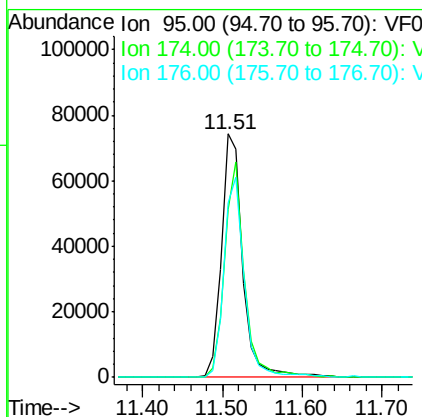
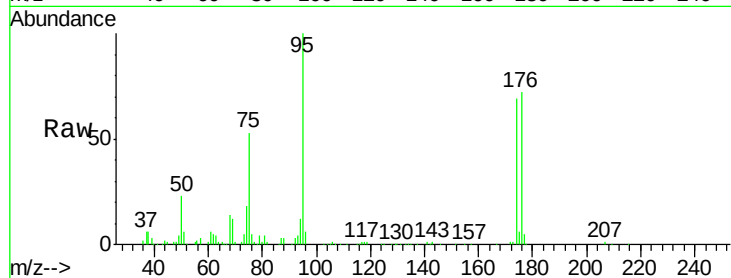




#62
4-Bromofluorobenzene
Concen: 42.68 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

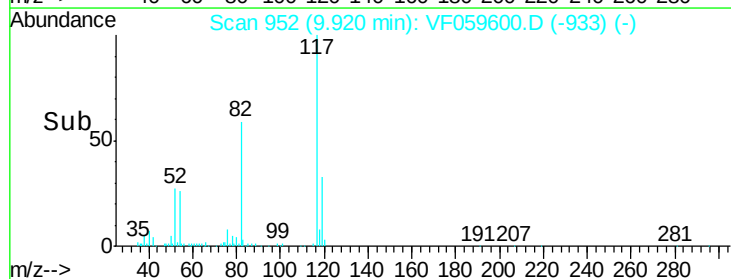
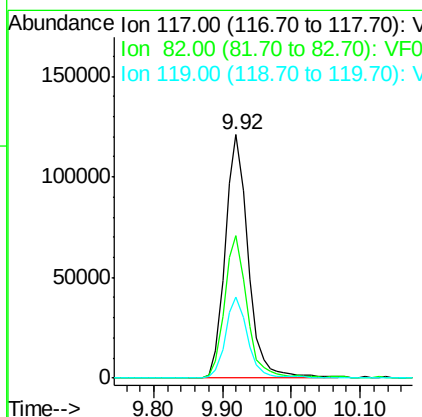
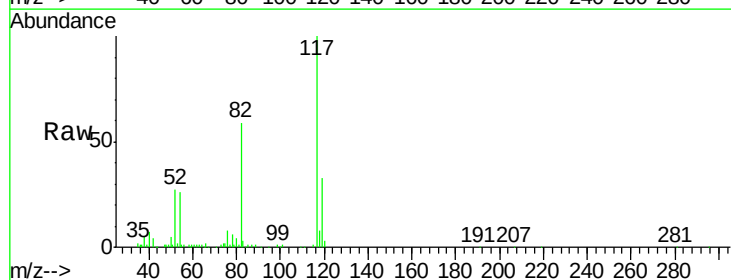
Instrument :
MSVOA_F
ClientSampleId :
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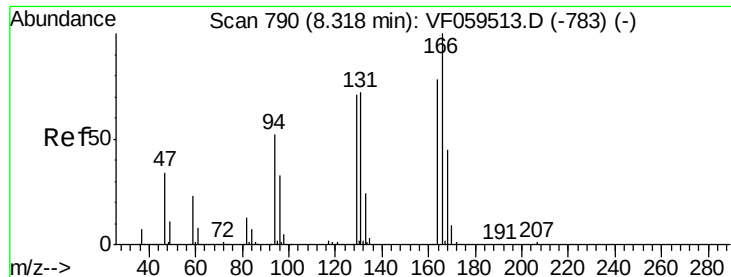
Tot Ion: 95 Resp: 139771
Ion Ratio Lower Upper
95 100
174 68.9 0.0 174.4
176 71.5 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

Tgt Ion: 117 Resp: 280688
Ion Ratio Lower Upper
117 100
82 58.6 46.1 69.1
119 33.0 27.2 40.8

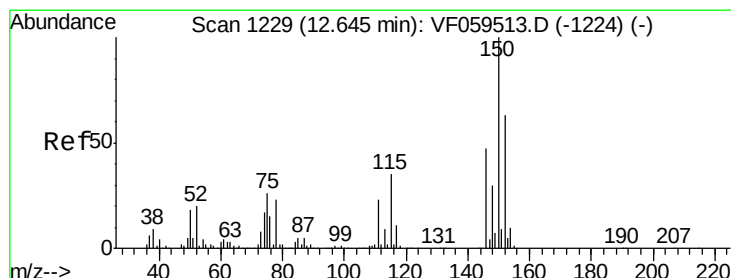
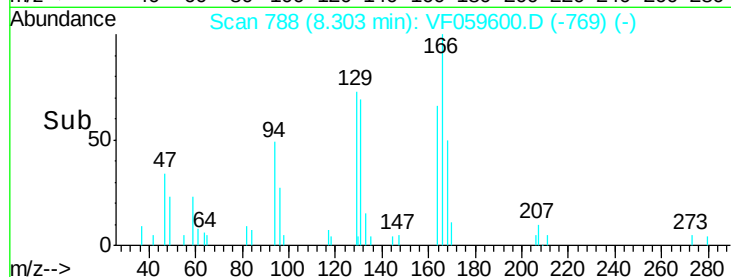
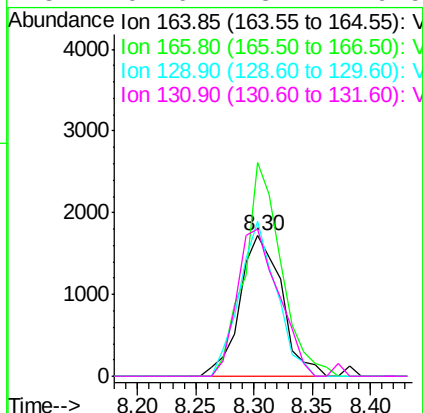
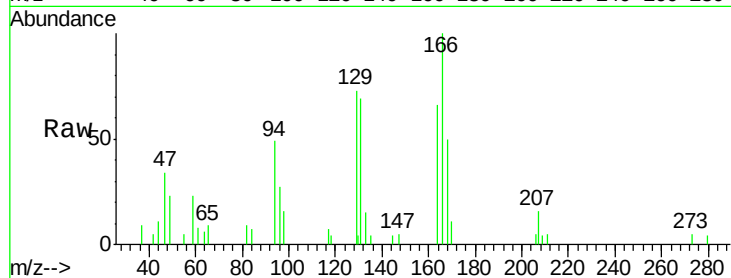




#64
Tetrachloroethene
Concen: 2.05 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.01 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

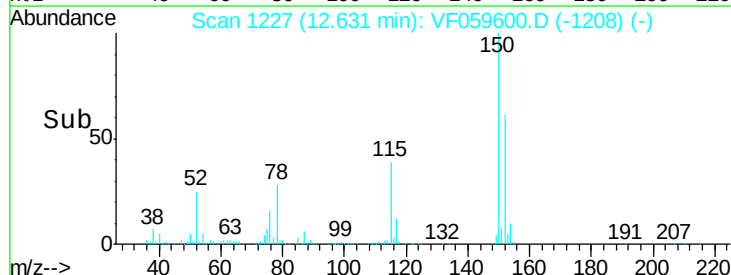
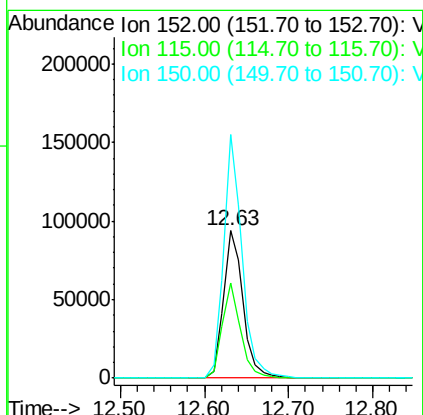
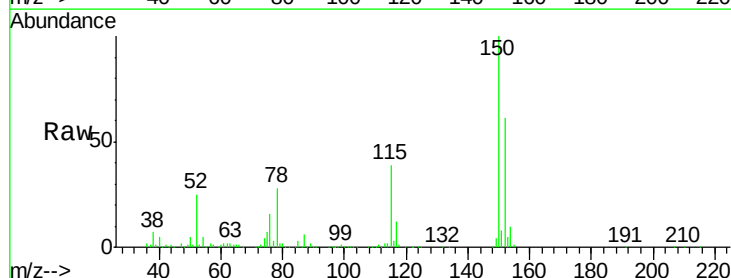
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161-TP-1RE

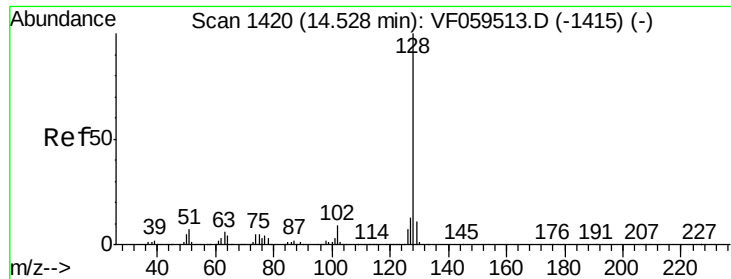
Tot Ion:164 Resp: 4276
Ion Ratio Lower Upper
164 100
166 152.3 102.3 153.5
129 110.7 72.4 108.6#
131 104.6 73.7 110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059600.D
Acq: 21 Jul 2018 00:11

Tgt Ion:152 Resp: 152107
Ion Ratio Lower Upper
152 100
115 64.1 27.8 83.3
150 165.0 0.0 318.4





#95
 Naphthalene
 Concen: 1.11 ug/l
 RT: 14.52 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: VF059600.D
 Acq: 21 Jul 2018 00:11

Instrument :
 MSVOA_F
 ClientSampleId :
 161-TP-1RE

Tot Ion:128 Resp: 6184
 Ion Ratio Lower Upper
 128 100
 127 17.4 10.2 15.2#
 129 12.4 9.0 13.4

