

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092118\
 Data File : VF060315.D
 Acq On : 21 Sep 2018 14:41
 Operator : VA/AP
 Sample : J5046-02RE
 Misc : 5.15/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-1ARE

Quant Time: Sep 22 03:32:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

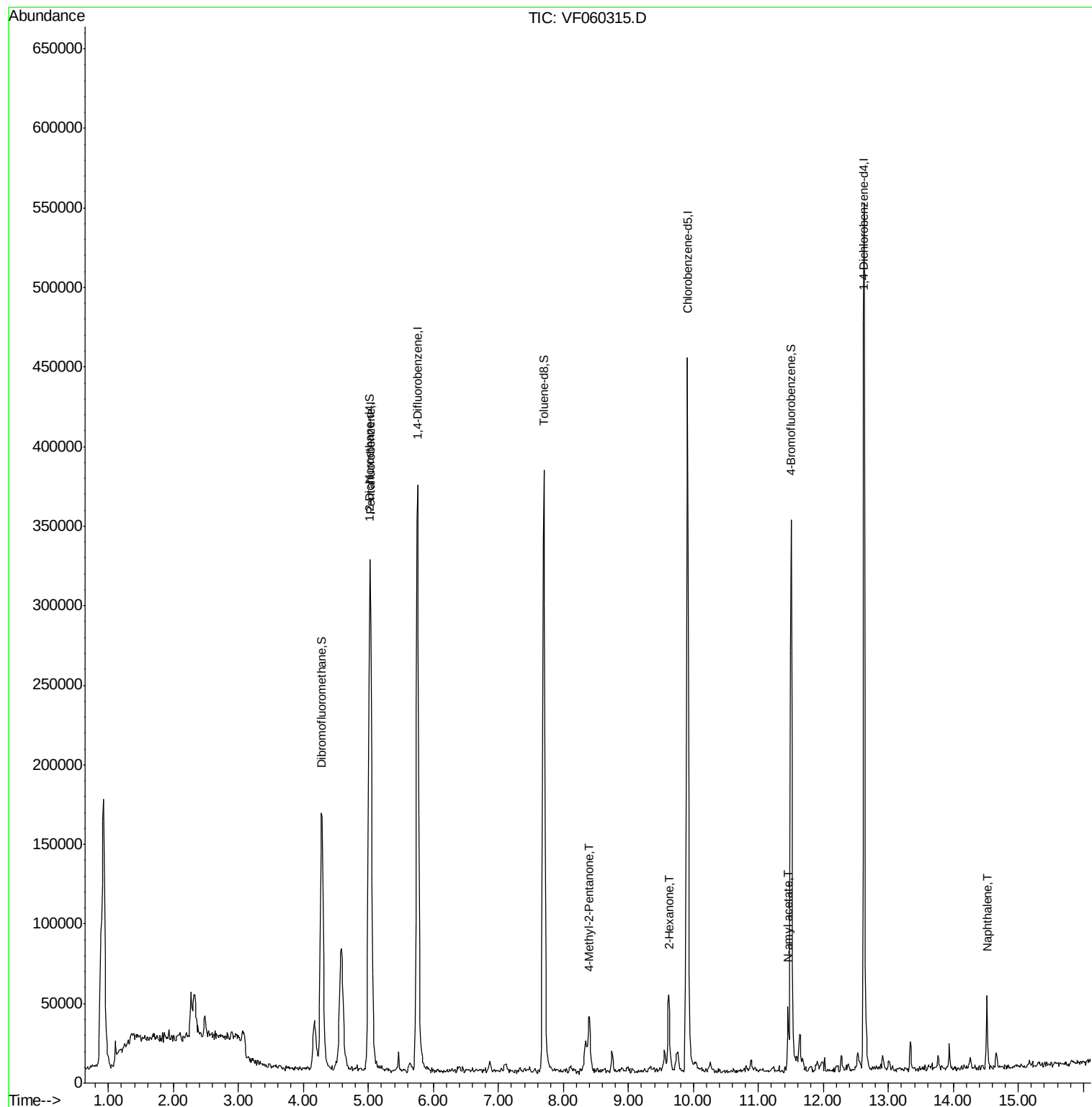
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	231043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	403508	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	311983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	139040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	131789	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.72%	
35) Dibromofluoromethane	4.28	113	148320	41.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.46%	
50) Toluene-d8	7.70	98	330776	35.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.62%	
62) 4-Bromofluorobenzene	11.50	95	126074	31.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.28%	
Target Compounds						
51) 4-Methyl-2-Pentanone	8.39	43	29066	14.709	ug/l	96
59) 2-Hexanone	9.62	43	42209	30.000	ug/l	95
74) N-amyl acetate	11.45	43	23582	8.860	ug/l	94
95) Naphthalene	14.52	128	32302	5.286	ug/l	95

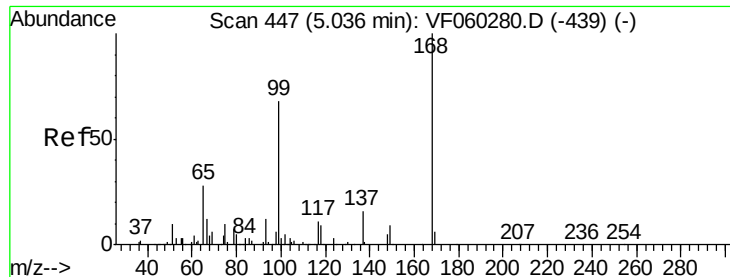
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092118\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 447

Delta R.T. 0.00 min

Lab File: VF060315.D

Acq: 21 Sep 2018 14:41

Instrument :

MSVOA_F

ClientSampleId :

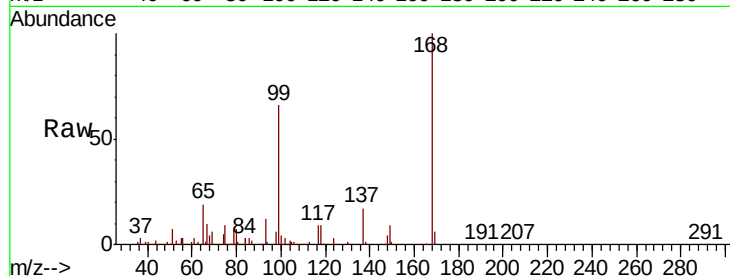
S-1ARE

Tot Ion:168 Resp: 231043

Ion Ratio Lower Upper

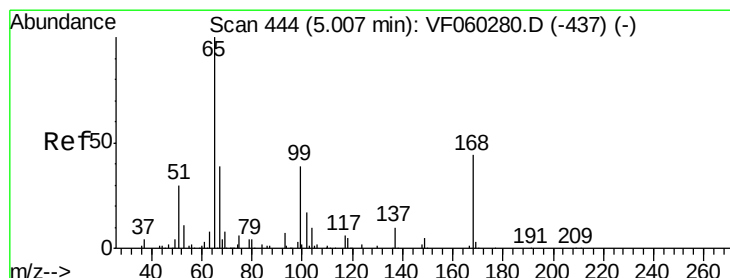
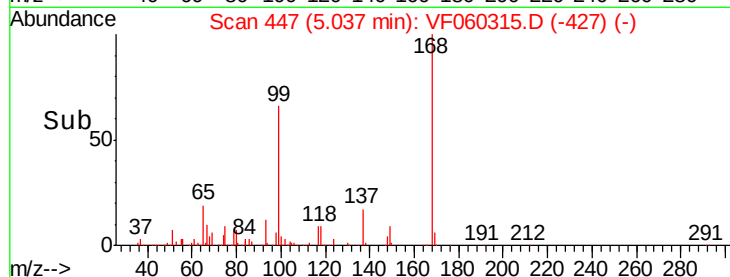
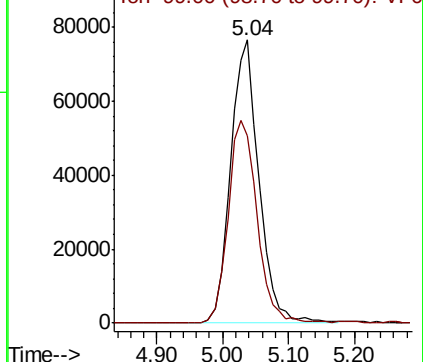
168 100

99 66.1 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 42.361 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF060315.D

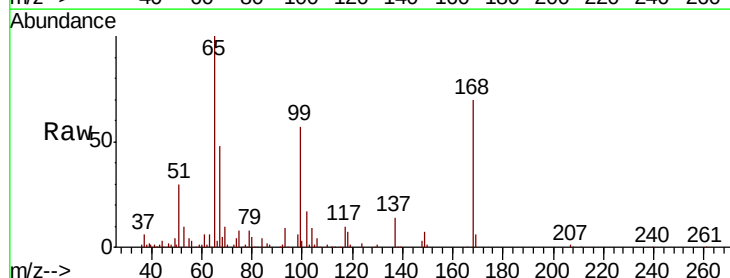
Acq: 21 Sep 2018 14:41

Tgt Ion: 65 Resp: 131789

Ion Ratio Lower Upper

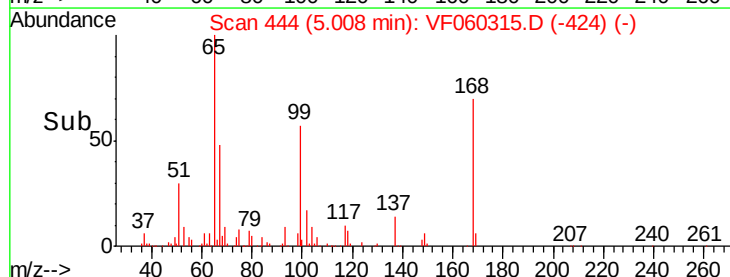
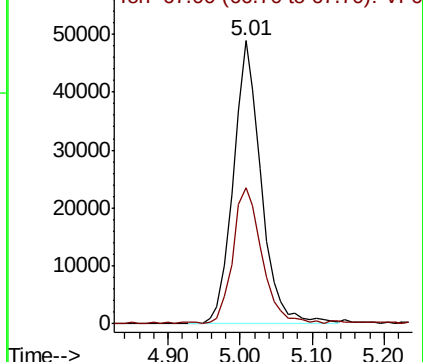
65 100

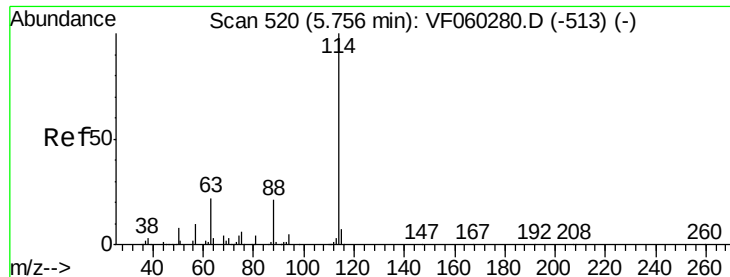
67 48.0 0.0 94.4



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: 5.76 min Scan# 520

Delta R.T. 0.00 min

Lab File: VF060315.D

Acq: 21 Sep 2018 14:41

Instrument :

MSVOA_F

ClientSampleId :

S-1ARE

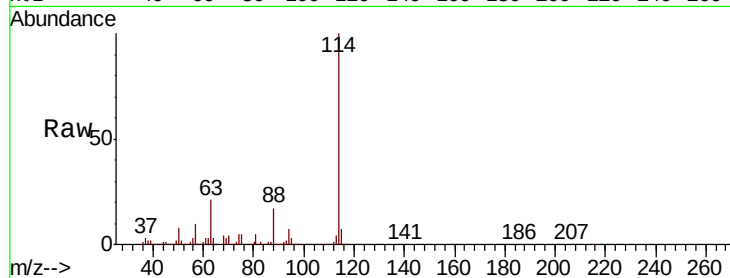
Tot Ion:114 Resp: 403508

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.8

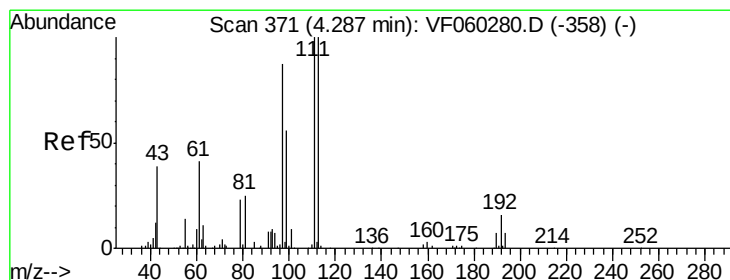
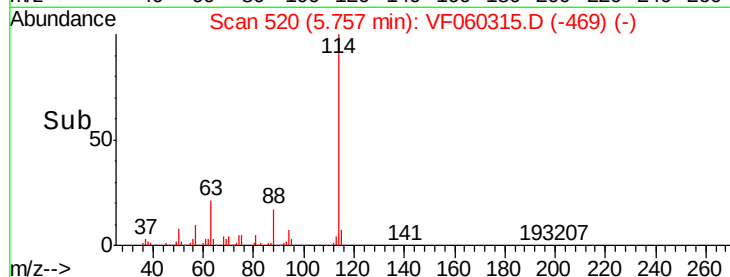
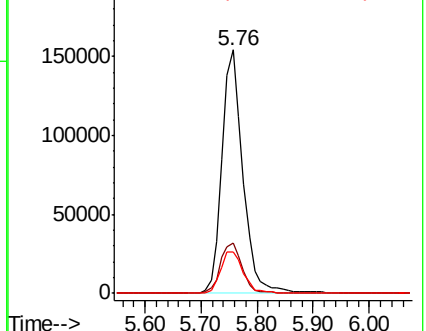
88 17.0 0.0 41.2



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: 41.235 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060315.D

Acq: 21 Sep 2018 14:41

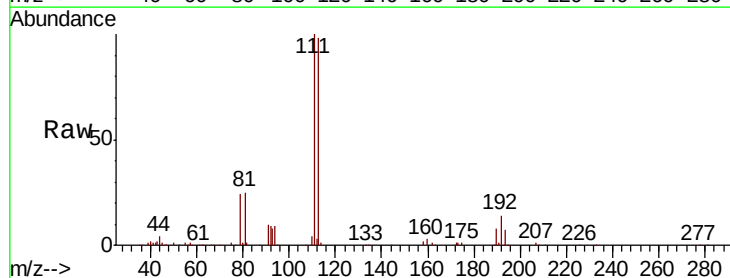
Tgt Ion:113 Resp: 148320

Ion Ratio Lower Upper

113 100

111 102.3 79.6 119.4

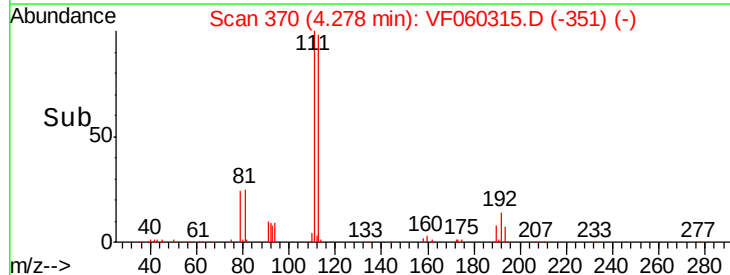
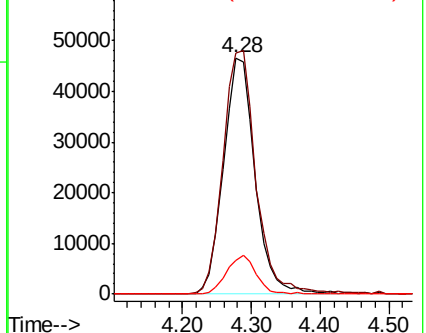
192 14.5 13.0 19.6

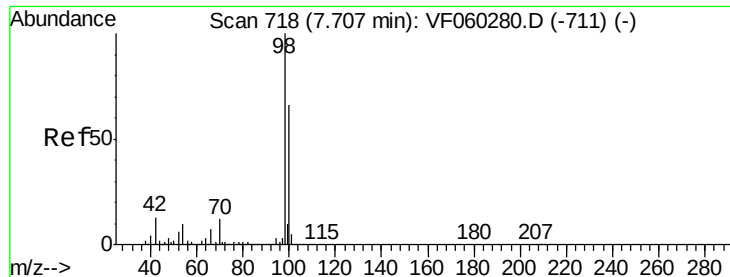


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 35.312 ug/l

RT: 7.70 min Scan# 717

Delta R.T. -0.01 min

Lab File: VF060315.D

Acq: 21 Sep 2018 14:41

Instrument :

MSVOA_F

ClientSampleId :

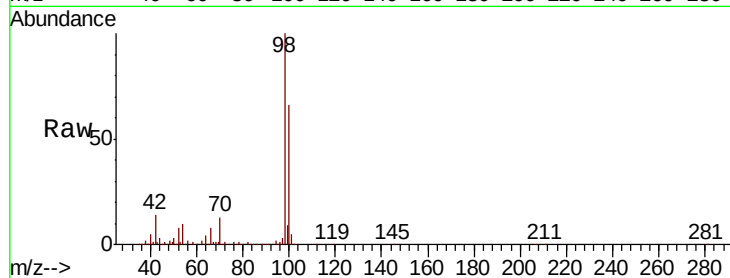
S-1ARE

Tot Ion: 98 Resp: 330776

Ion Ratio Lower Upper

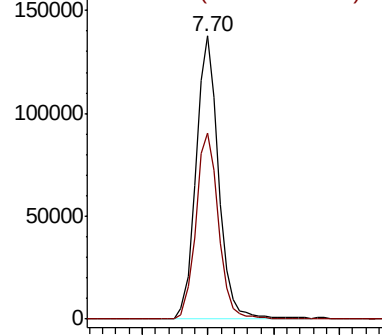
98 100

100 65.6 53.0 79.6

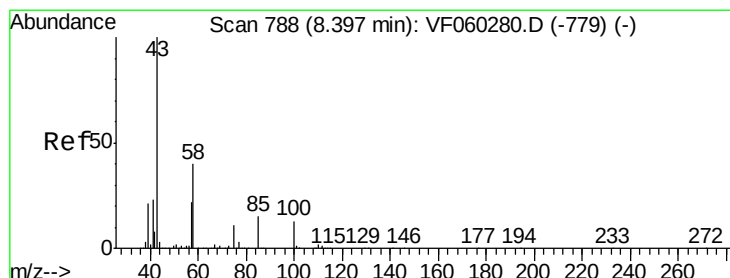
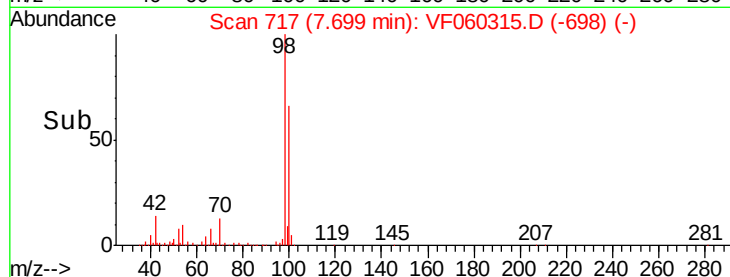


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->



#51

4-Methyl-2-Pentanone

Concen: 14.709 ug/l

RT: 8.39 min Scan# 787

Delta R.T. -0.01 min

Lab File: VF060315.D

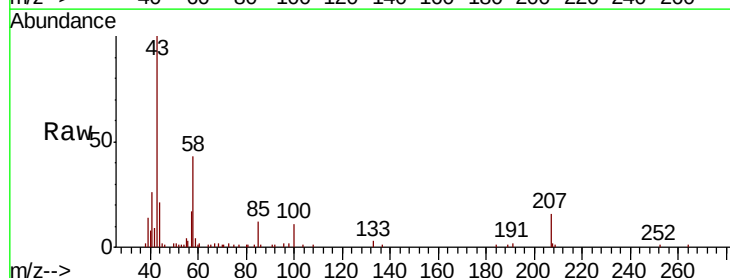
Acq: 21 Sep 2018 14:41

Tgt Ion: 43 Resp: 29066

Ion Ratio Lower Upper

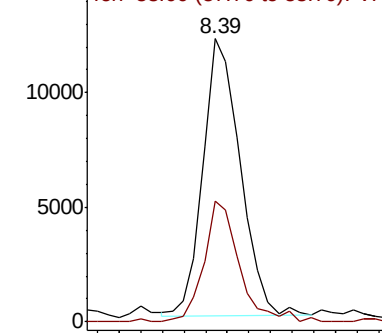
43 100

58 42.5 31.8 47.8

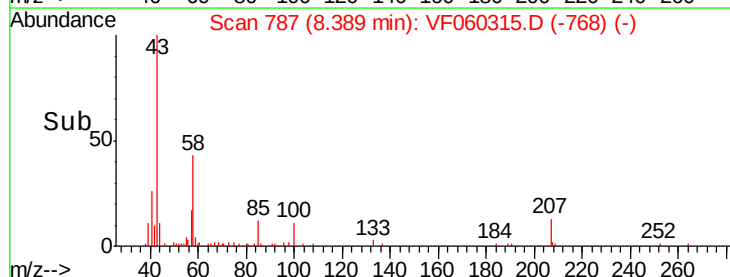


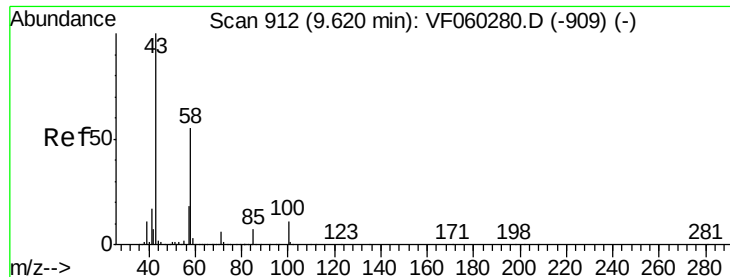
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->

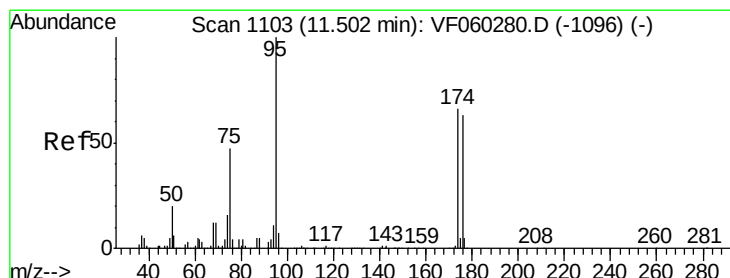
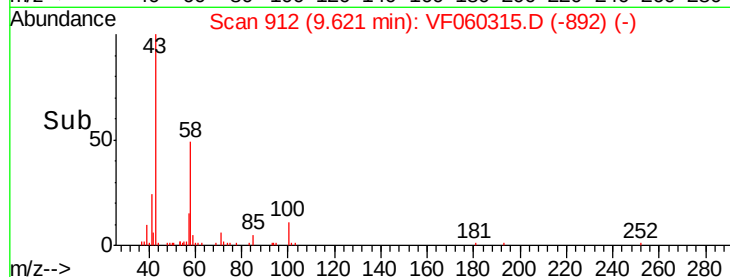
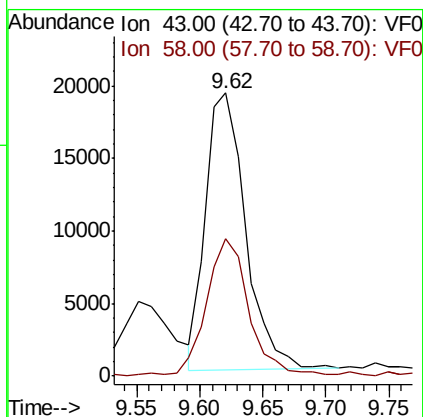
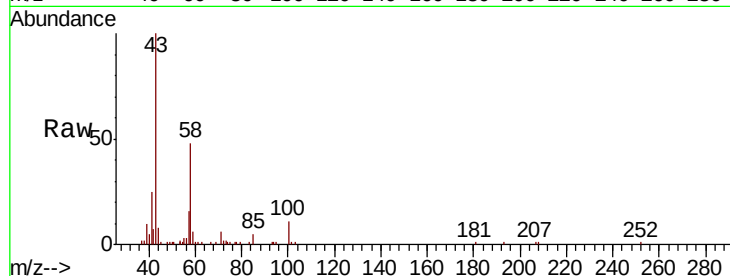




#59
2-Hexanone
Concen: 30.000 ug/l
RT: 9.62 min Scan# 912
Delta R.T. 0.00 min
Lab File: VF060315.D
Acq: 21 Sep 2018 14:41

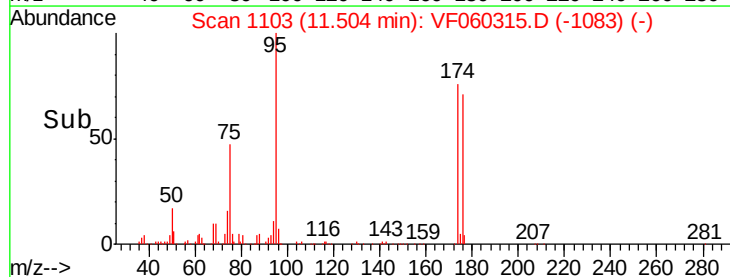
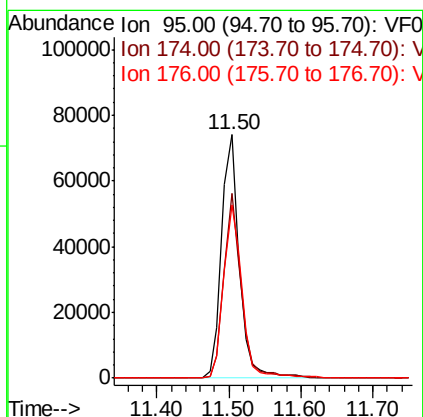
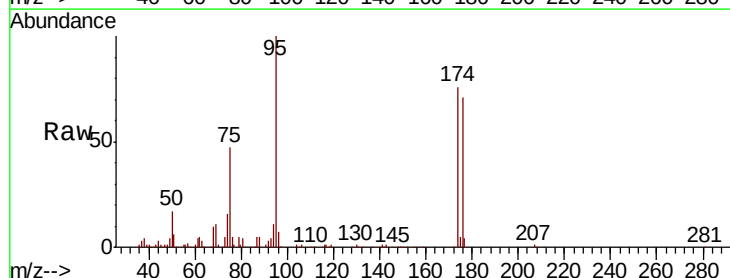
Instrument :
MSVOA_F
ClientSampled :
S-1ARE

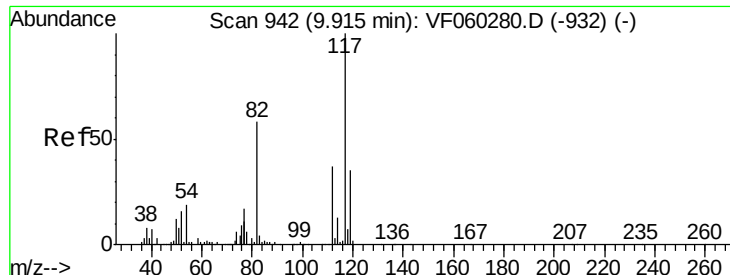
Tot Ion: 43 Resp: 42209
Ion Ratio Lower Upper
43 100
58 48.4 25.9 77.6



#62
4-Bromofluorobenzene
Concen: 31.136 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060315.D
Acq: 21 Sep 2018 14:41

Tgt Ion: 95 Resp: 126074
Ion Ratio Lower Upper
95 100
174 75.9 0.0 131.2
176 71.0 0.0 126.6

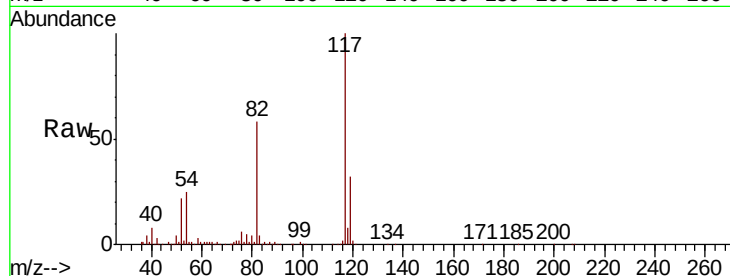




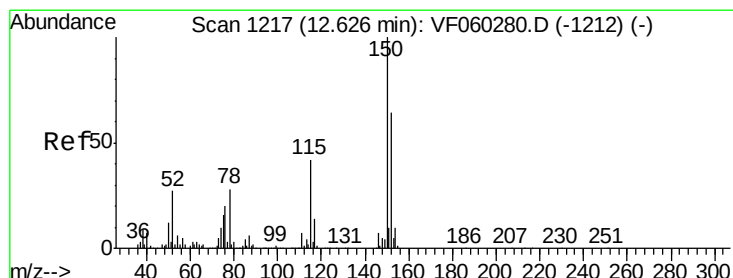
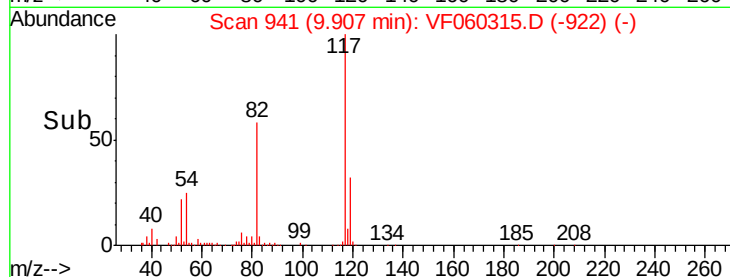
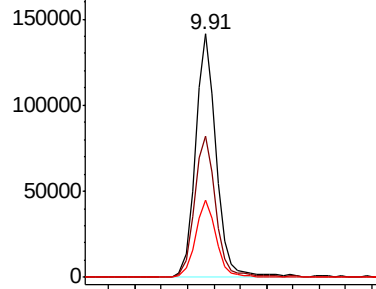
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060315.D
Acq: 21 Sep 2018 14:41

Instrument :
MSVOA_F
ClientSampleId :
S-1ARE

Tot Ion:117 Resp: 311983
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.2
119 31.7 27.8 41.6

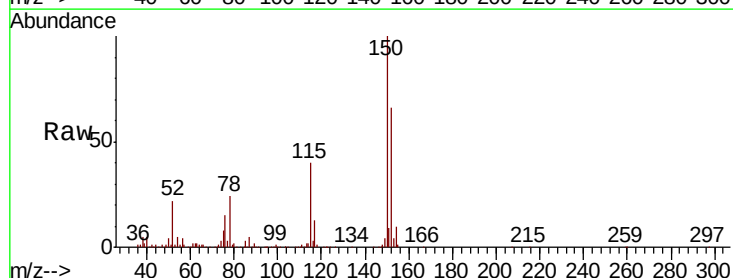


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

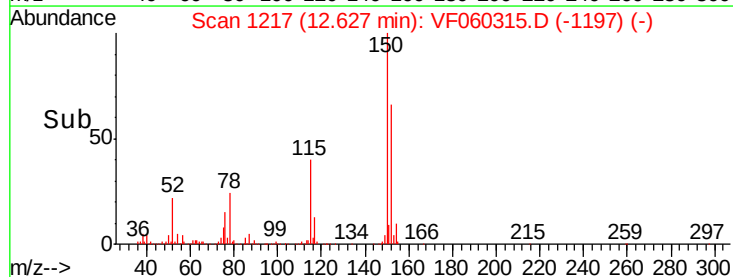
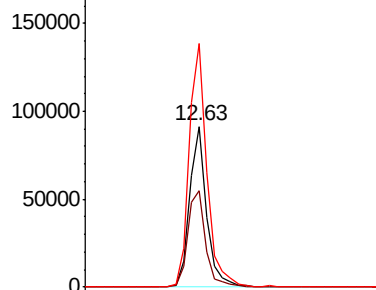


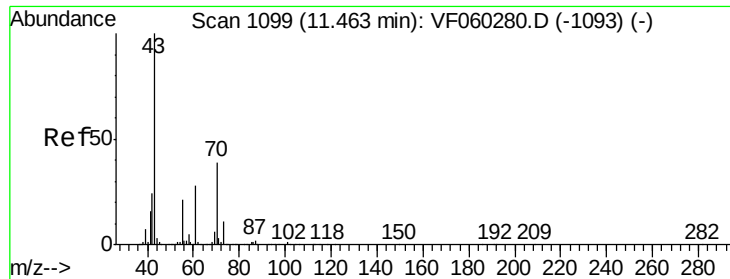
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060315.D
Acq: 21 Sep 2018 14:41

Tgt Ion:152 Resp: 139040
Ion Ratio Lower Upper
152 100
115 60.2 32.6 97.8
150 151.3 0.0 314.2



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

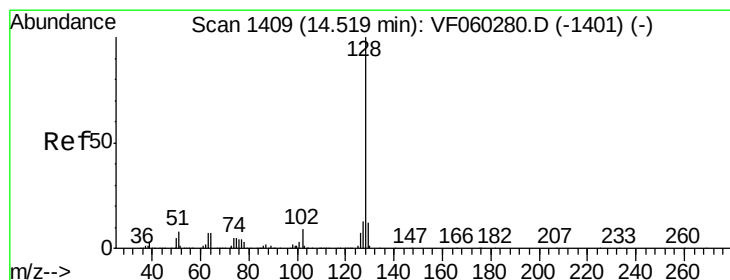
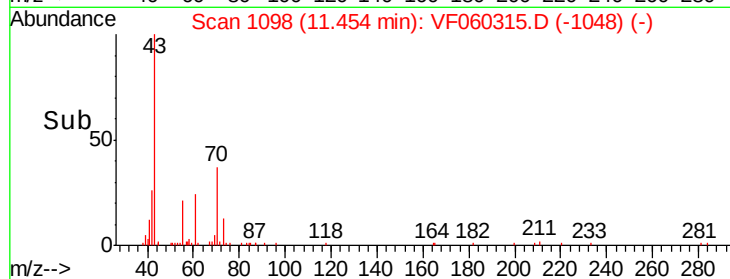
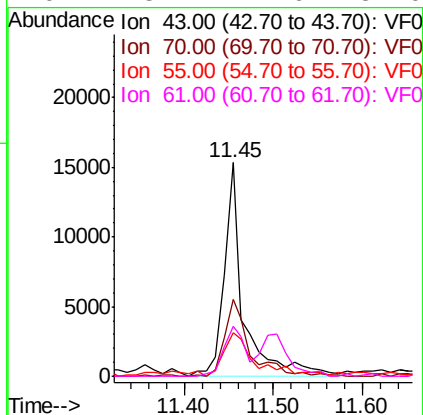
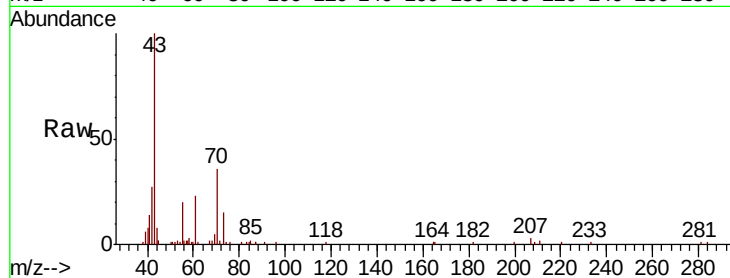




#74
N-amyl acetate
Concen: 8.860 ug/l
RT: 11.45 min Scan# 1098
Delta R.T. -0.01 min
Lab File: VF060315.D
Acq: 21 Sep 2018 14:41

Instrument :
MSVOA_F
ClientSampleId :
S-1ARE

Tot Ion:	43	Resp:	23582
Ion	Ratio	Lower	Upper
43	100		
70	36.1	31.4	47.2
55	20.3	16.8	25.2
61	23.2	22.6	34.0



#95
Naphthalene
Concen: 5.286 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VF060315.D
Acq: 21 Sep 2018 14:41

Tgt Ion:	128	Resp:	32302
Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.1	15.1
129	9.9	9.8	14.8

