

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
 Data File : VF060902.D
 Acq On : 3 Dec 2018 20:17
 Operator : VA/AP
 Sample : J6148-01
 Misc : 5.61g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-MH-F

Quant Time: Dec 04 04:08:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

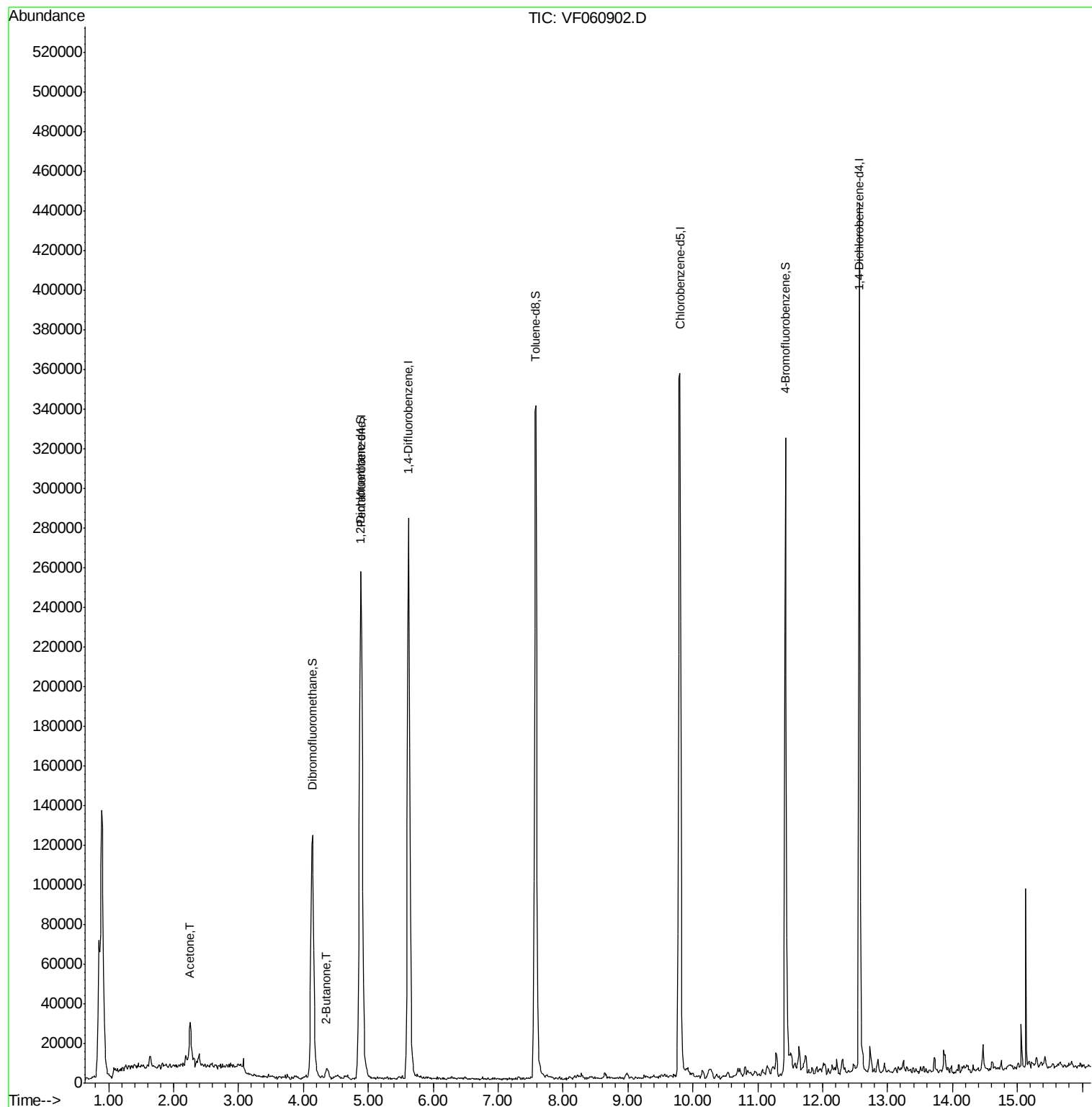
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	187345	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	309433	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	262651	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	106071	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	105797	47.94	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.88%	
35) Dibromofluoromethane	4.14	113	116268	47.36	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	7.58	98	294360	40.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.42%	
62) 4-Bromofluorobenzene	11.43	95	125271	38.12	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	76.24%	
Target Compounds						
16) Acetone	2.26	43	28767	70.684	ug/l	96
25) 2-Butanone	4.36	43	10444	14.837	ug/l	96

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

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QLast Update : Tue Nov 27 01:36:26 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF060902.D

Acq: 3 Dec 2018 20:17

Instrument :

MSVOA_F

ClientSampleId :

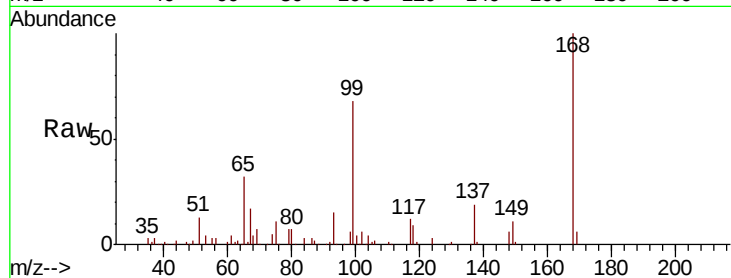
TP-MH-F

Tot Ion:168 Resp: 187345

Ion Ratio Lower Upper

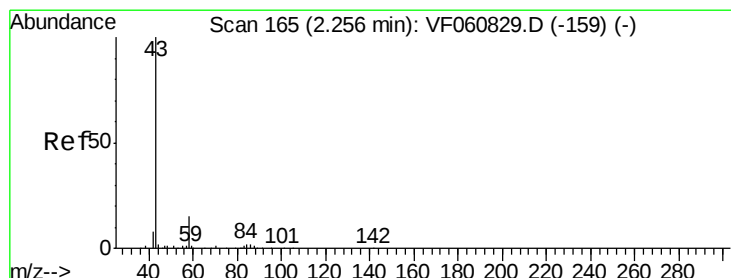
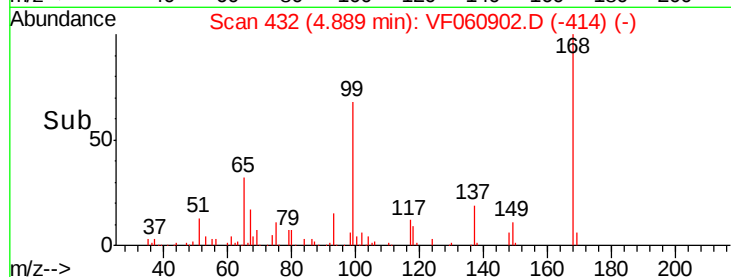
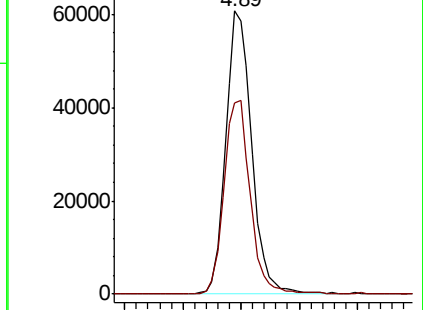
168 100

99 67.7 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 70.684 ug/l

RT: 2.26 min Scan# 165

Delta R.T. -0.00 min

Lab File: VF060902.D

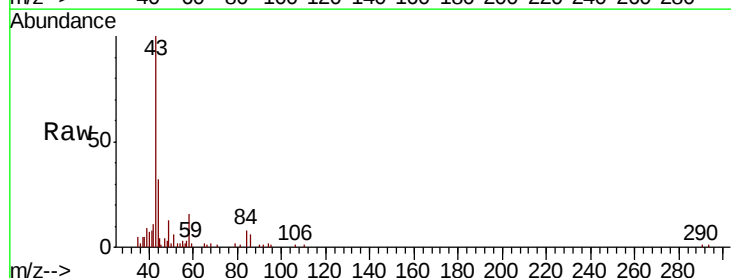
Acq: 3 Dec 2018 20:17

Tgt Ion: 43 Resp: 28767

Ion Ratio Lower Upper

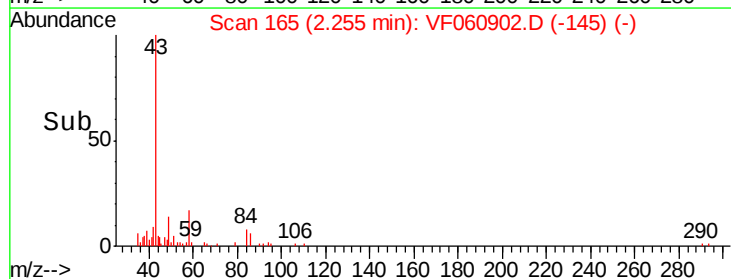
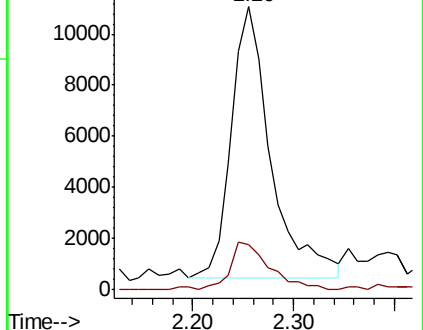
43 100

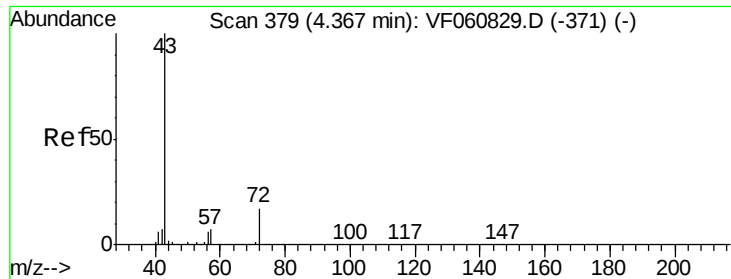
58 16.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#25

2-Butanone

Concen: 14.837 ug/l

RT: 4.36 min Scan# 378

Delta R.T. -0.01 min

Lab File: VF060902.D

Acq: 3 Dec 2018 20:17

Instrument :

MSVOA_F

ClientSampleId :

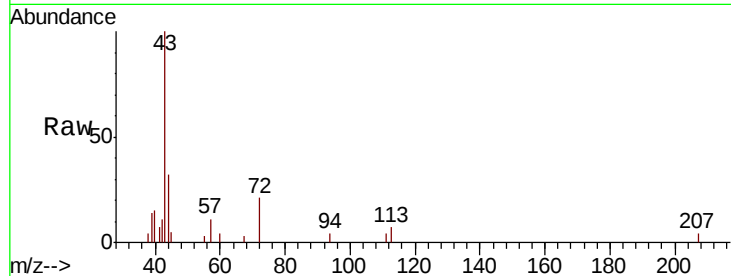
TP-MH-F

Tot Ion: 43 Resp: 10444

Ion Ratio Lower Upper

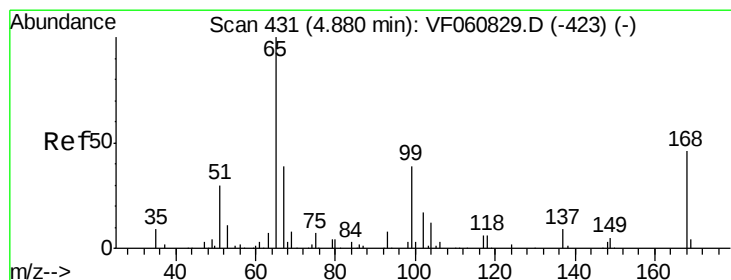
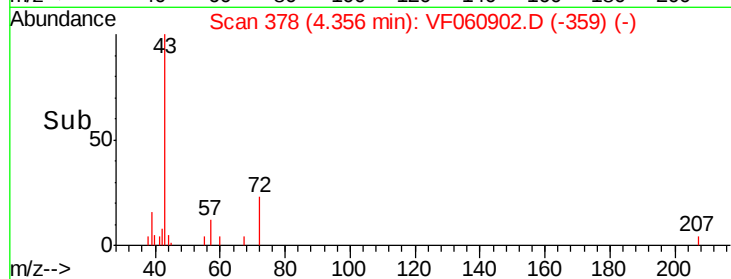
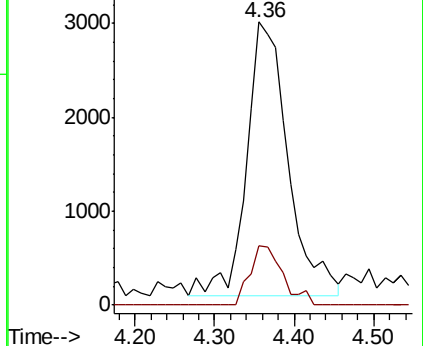
43 100

72 20.9 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 47.937 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF060902.D

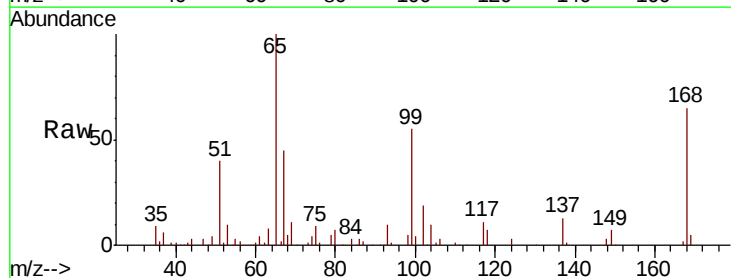
Acq: 3 Dec 2018 20:17

Tgt Ion: 65 Resp: 105797

Ion Ratio Lower Upper

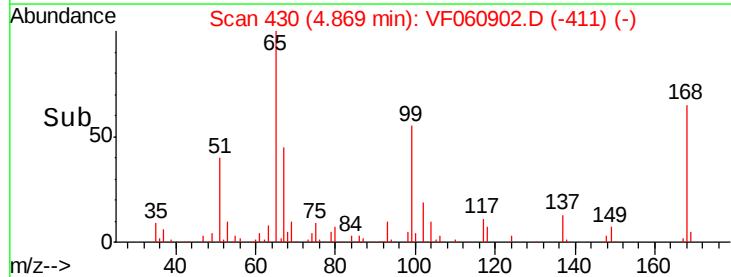
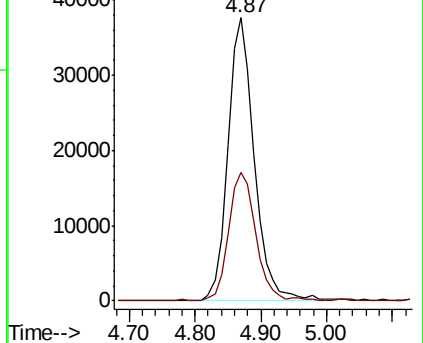
65 100

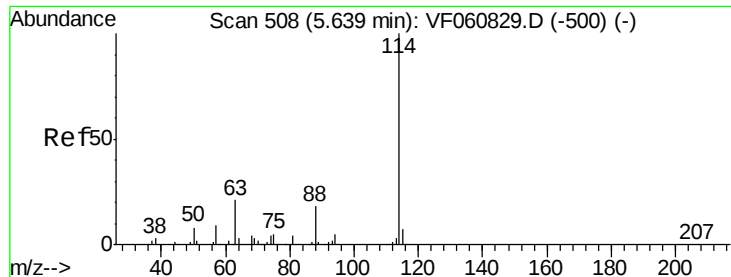
67 45.3 0.0 96.4



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: 5.62 min Scan# 506

Delta R.T. -0.02 min

Lab File: VF060902.D

Acq: 3 Dec 2018 20:17

Instrument :

MSVOA_F

ClientSampleId :

TP-MH-F

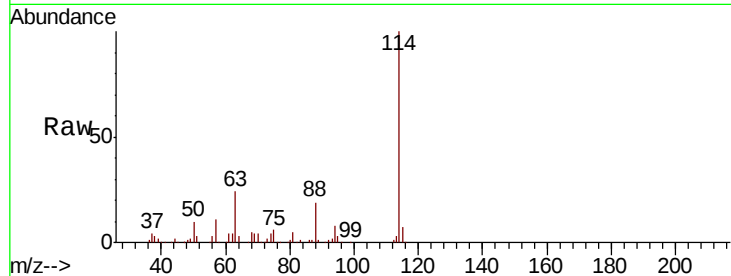
Tot Ion:114 Resp: 309433

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.6

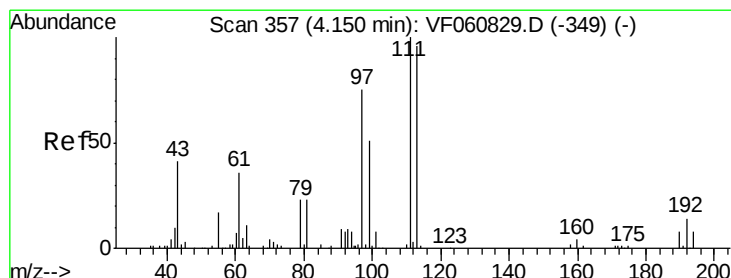
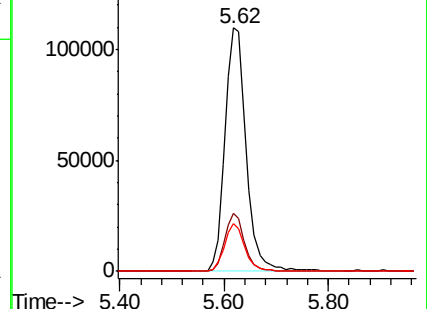
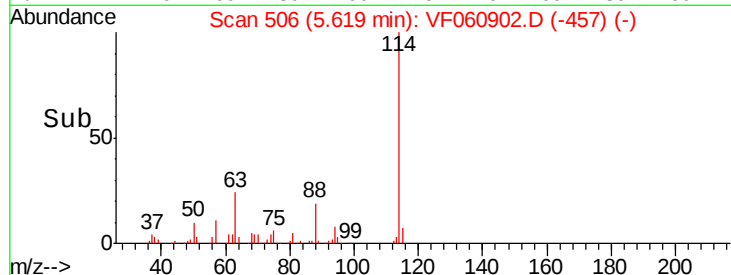
88 19.5 0.0 36.6



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: 47.363 ug/l

RT: 4.14 min Scan# 356

Delta R.T. -0.01 min

Lab File: VF060902.D

Acq: 3 Dec 2018 20:17

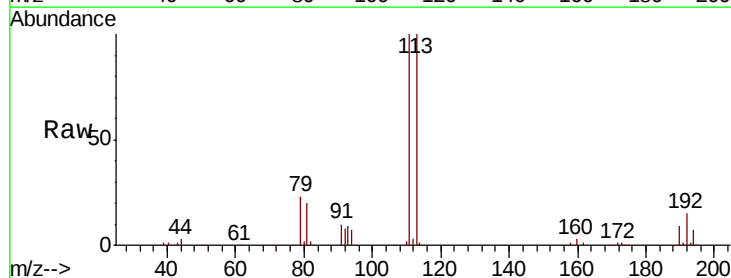
Tgt Ion:113 Resp: 116268

Ion Ratio Lower Upper

113 100

111 100.0 83.0 124.6

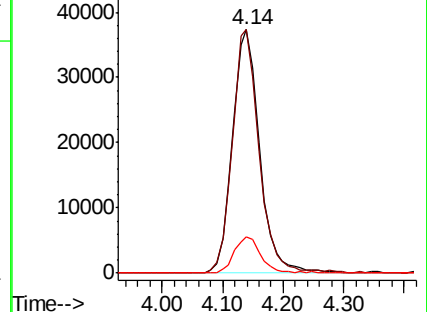
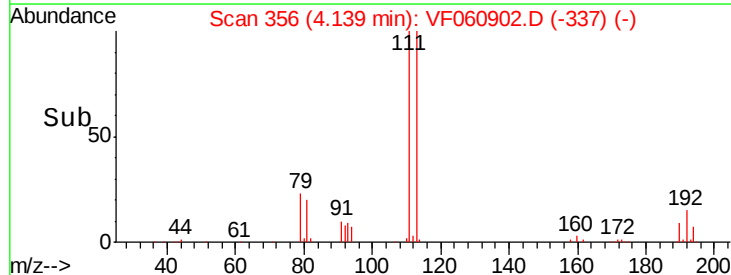
192 14.8 12.3 18.5

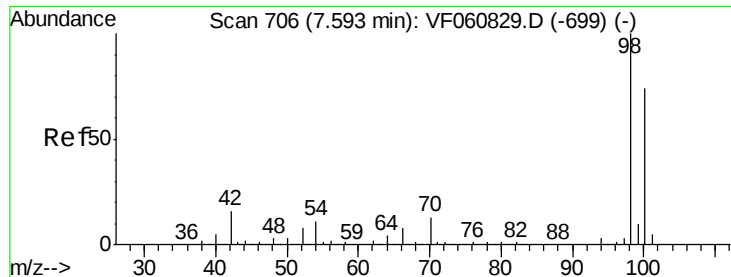


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

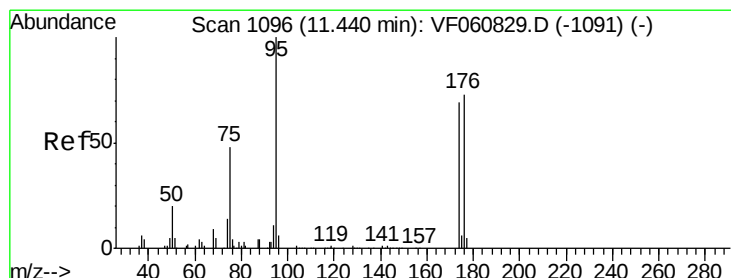
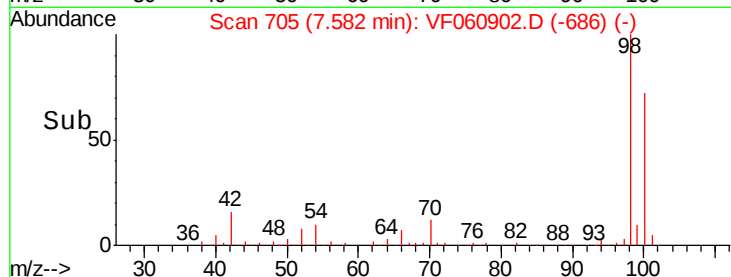
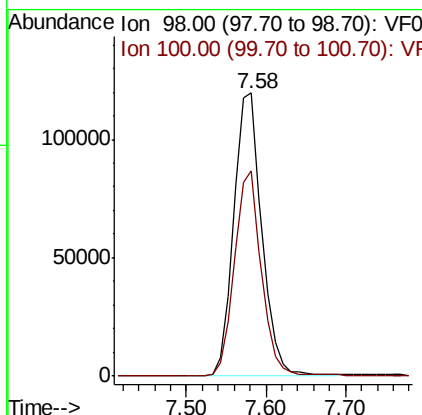
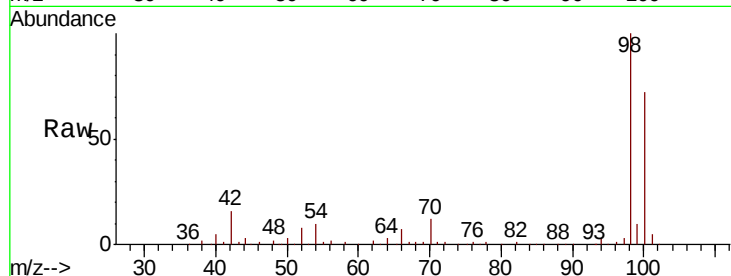




#50
Toluene-d8
Concen: 40.707 ug/l
RT: 7.58 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF060902.D
Acq: 3 Dec 2018 20:17

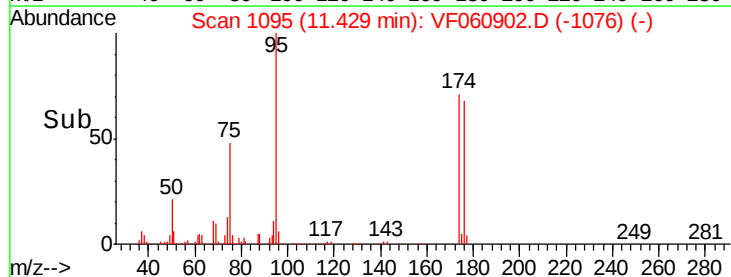
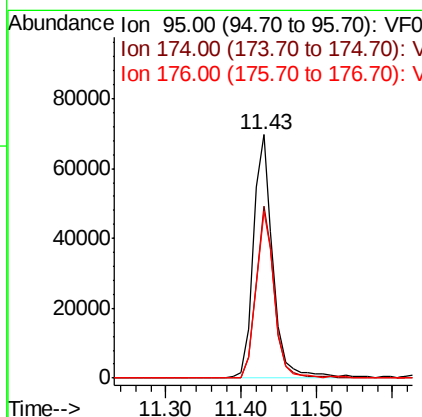
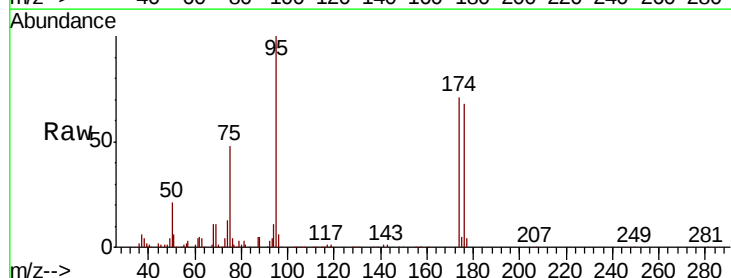
Instrument :
MSVOA_F
ClientSampled :
TP-MH-F

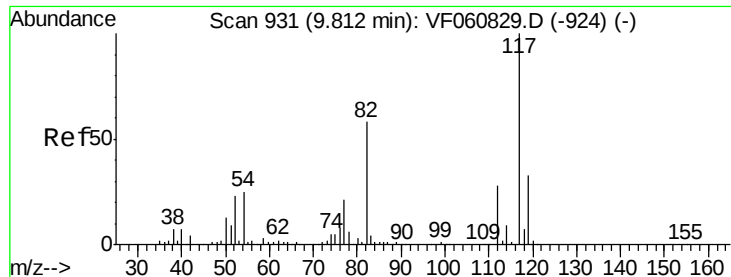
Tot Ion: 98 Resp: 294360
Ion Ratio Lower Upper
98 100
100 72.4 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 38.117 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF060902.D
Acq: 3 Dec 2018 20:17

Tgt Ion: 95 Resp: 125271
Ion Ratio Lower Upper
95 100
174 70.7 0.0 138.2
176 68.3 0.0 146.2

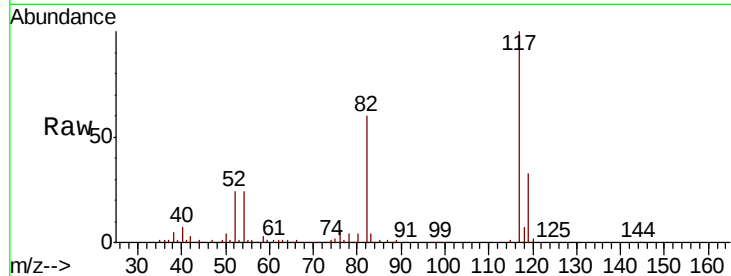




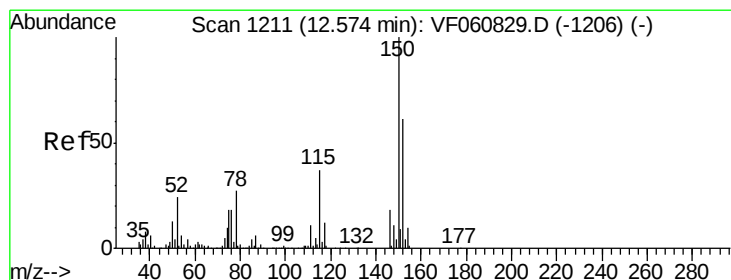
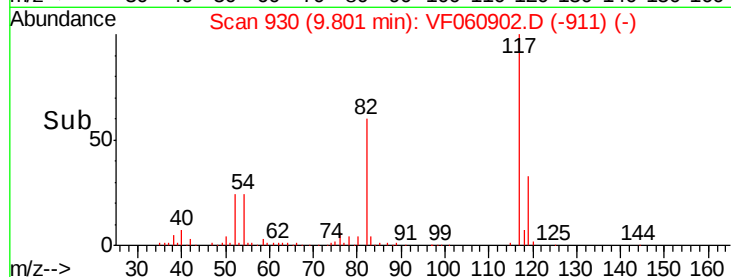
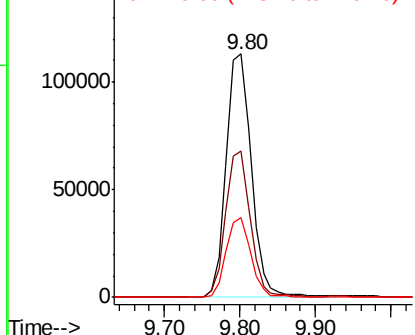
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060902.D
Acq: 3 Dec 2018 20:17

Instrument :
MSVOA_F
ClientSampleId :
TP-MH-F

Tot Ion:117 Resp: 262651
Ion Ratio Lower Upper
117 100
82 60.3 46.6 69.8
119 32.9 26.4 39.6

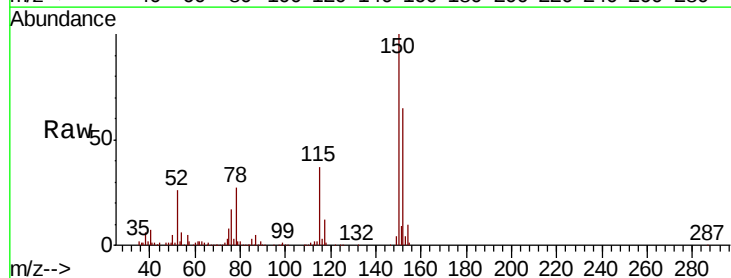


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF060902.D
Acq: 3 Dec 2018 20:17

Tgt Ion:152 Resp: 106071
Ion Ratio Lower Upper
152 100
115 57.7 30.1 90.5
150 154.1 0.0 327.6



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

