

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082218\
 Data File : VF060041.D
 Acq On : 22 Aug 2018 15:45
 Operator : VA/AP
 Sample : J4524-01RE
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Y-1802RE

Quant Time: Aug 23 08:38:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	270495	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	415674	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	431063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	256395	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	144356	38.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.98%	
35) Dibromofluoromethane	4.31	113	60555	18.55	ug/l	0.01
Spiked Amount 50.000			Recovery	=	37.10%	
50) Toluene-d8	7.72	98	386147	41.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.32%	
62) 4-Bromofluorobenzene	11.52	95	195711	39.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.82%	

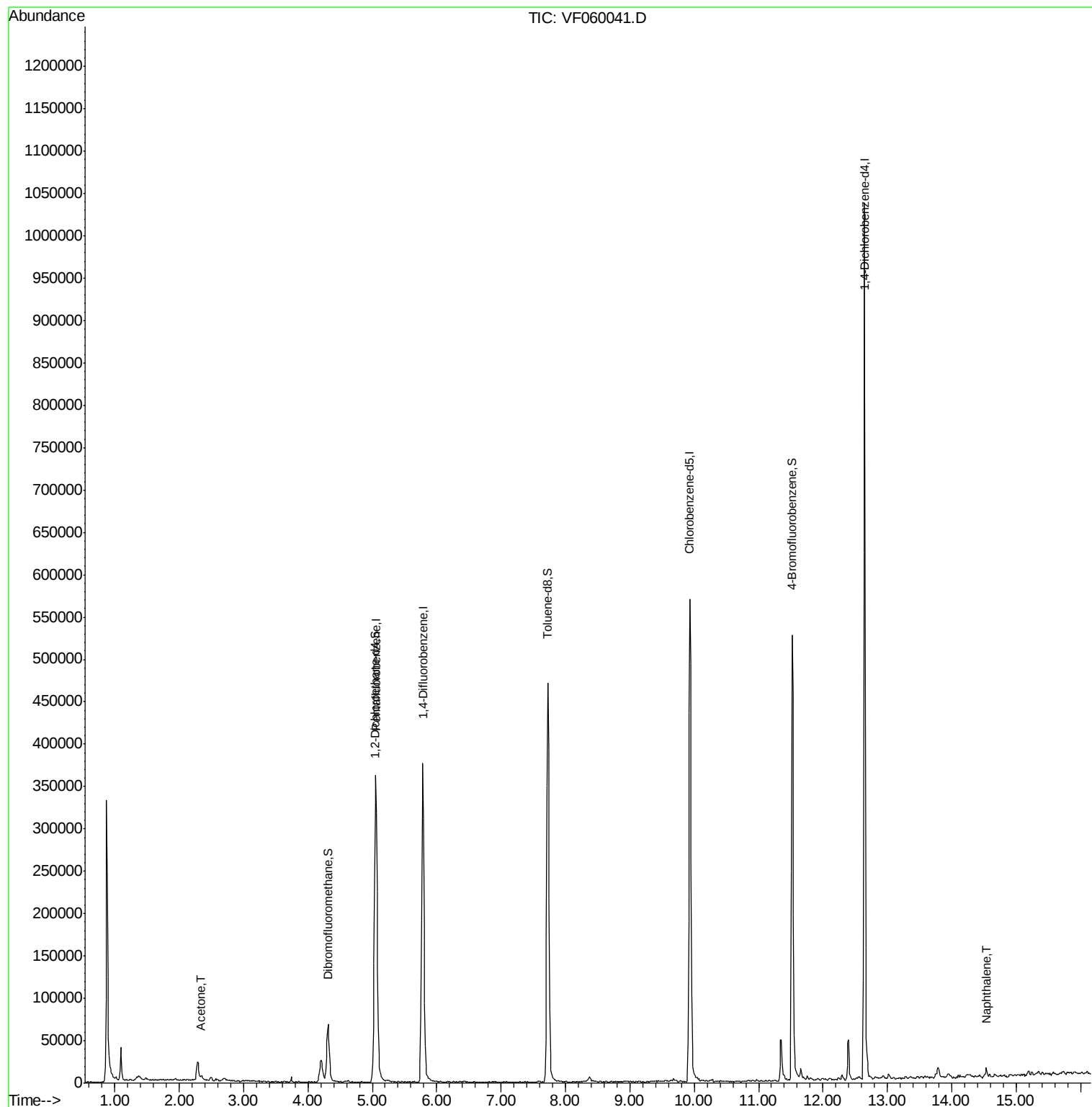
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	7879	8.10	ug/l	97
95) Naphthalene	14.54	128	3444	2.63	ug/l #	89

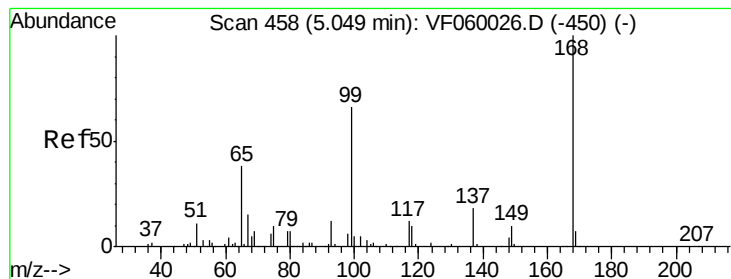
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082218\
Data File : VF060041.D
Acq On : 22 Aug 2018 15:45
Operator : VA/AP
Sample : J4524-01RE
Misc : 5.02g/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
Y-1802RE

Quant Time: Aug 23 08:38:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

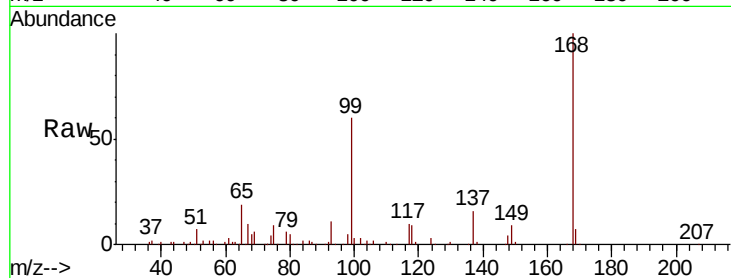
Y-1802RE

Tot Ion:168 Resp: 270495

Ion Ratio Lower Upper

168 100

99 60.2 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

100000

80000

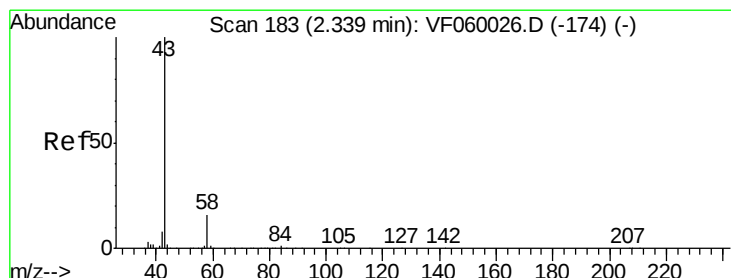
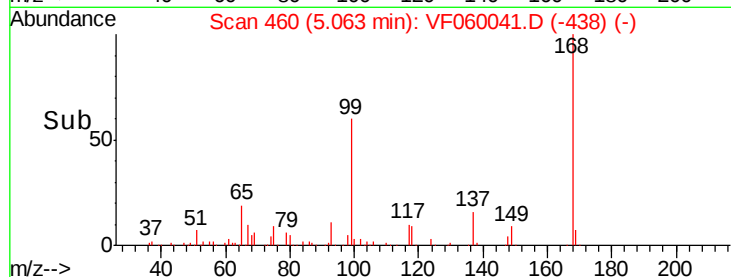
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.10 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF060041.D

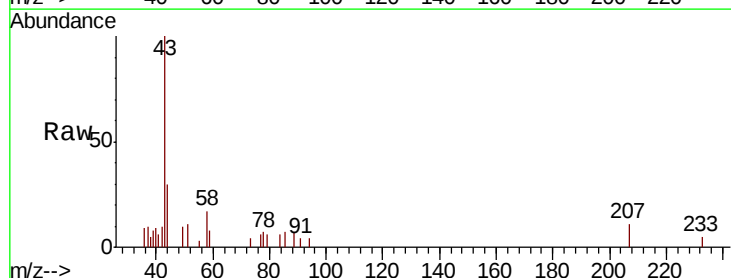
Acq: 22 Aug 2018 15:45

Tgt Ion: 43 Resp: 7879

Ion Ratio Lower Upper

43 100

58 16.9 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

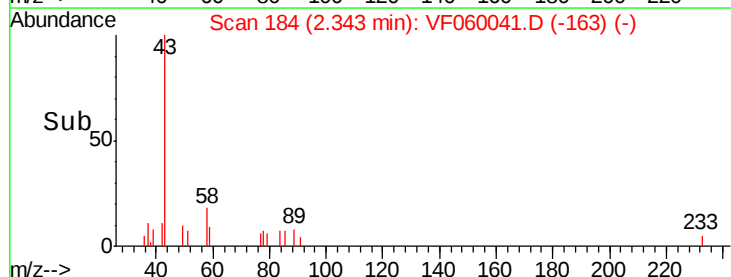
3000

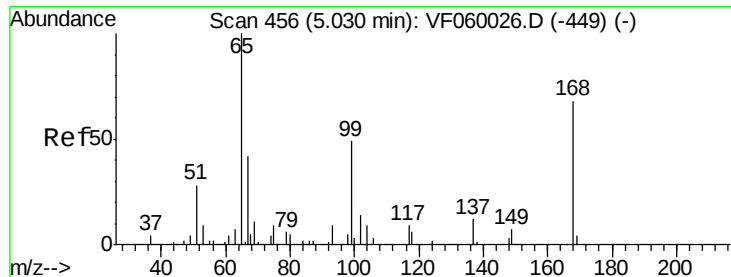
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 38.99 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

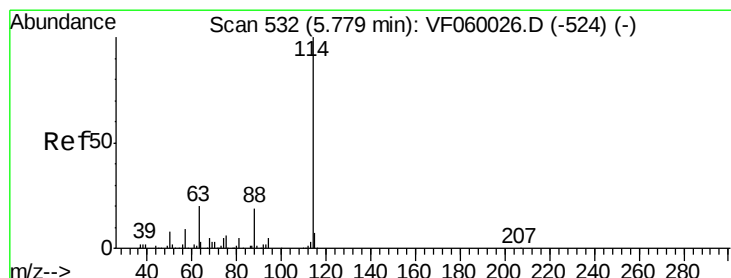
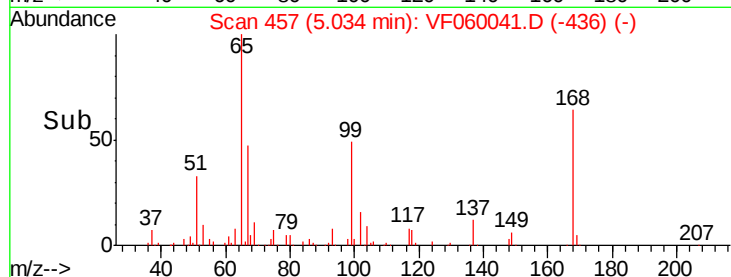
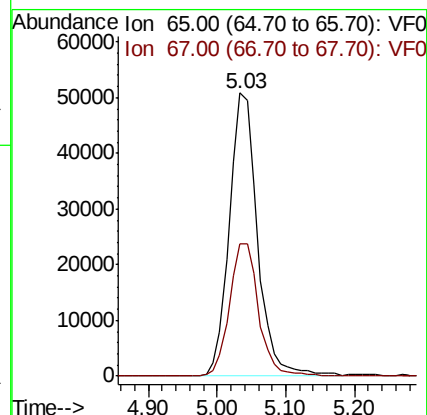
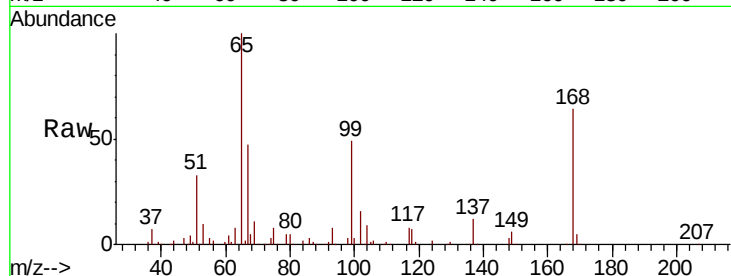
Y-1802RE

Tot Ion: 65 Resp: 144356

Ion Ratio Lower Upper

65 100

67 46.7 0.0 92.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.00 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

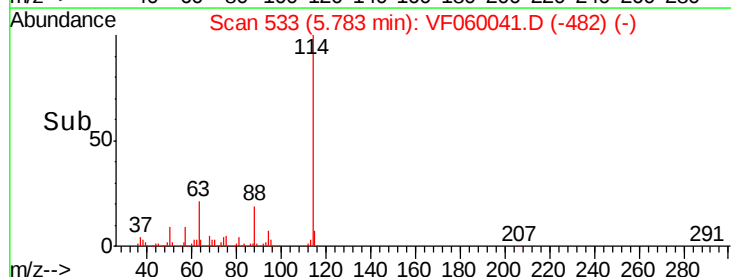
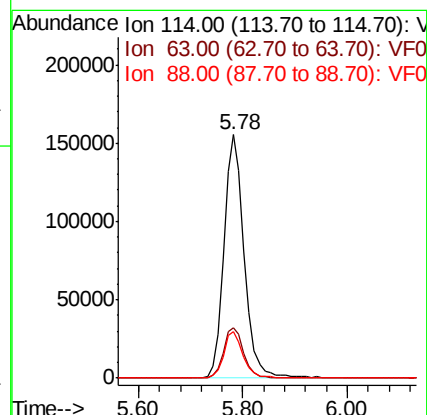
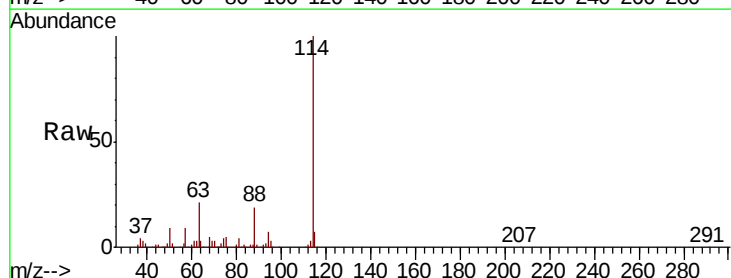
Tgt Ion: 114 Resp: 415674

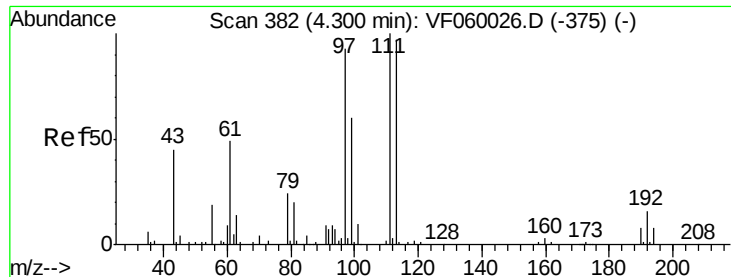
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.4

88 18.9 0.0 38.6

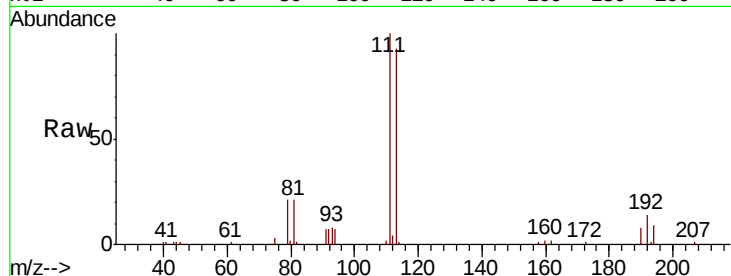




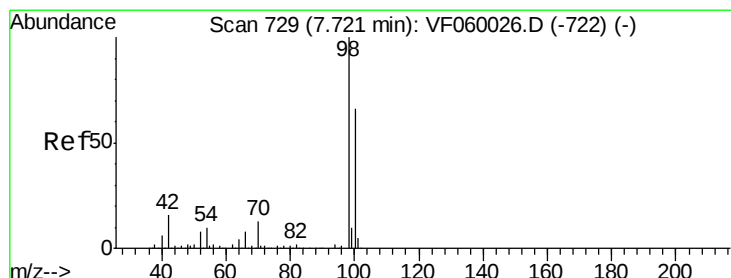
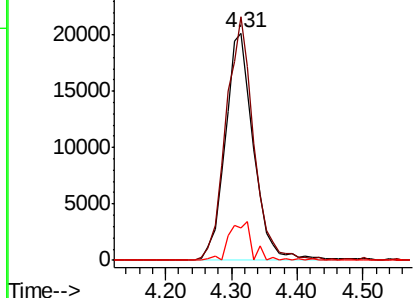
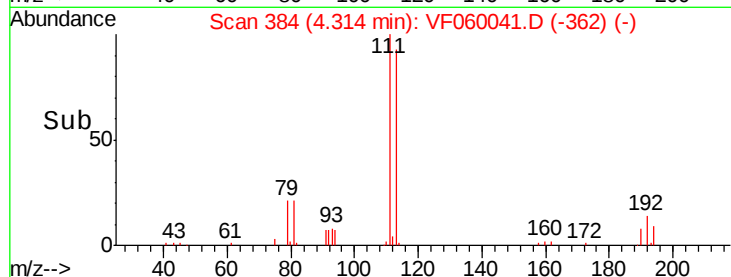
#35
 Dibromofluoromethane
 Concen: 18.55 ug/l
 RT: 4.31 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VF060041.D
 Acq: 22 Aug 2018 15:45

Instrument :
 MSVOA_F
 ClientSampleId :
 Y-1802RE

Tot Ion:113 Resp: 60555
 Ion Ratio Lower Upper
 113 100
 111 107.2 82.7 124.1
 192 14.5 13.0 19.4

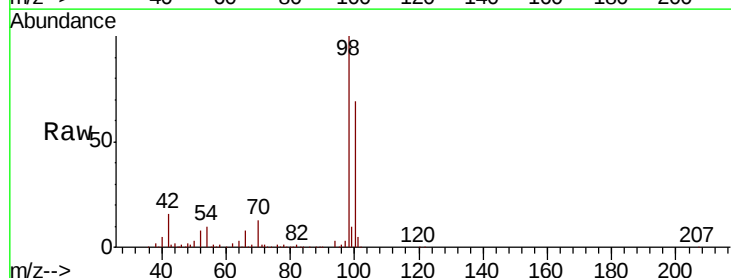


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

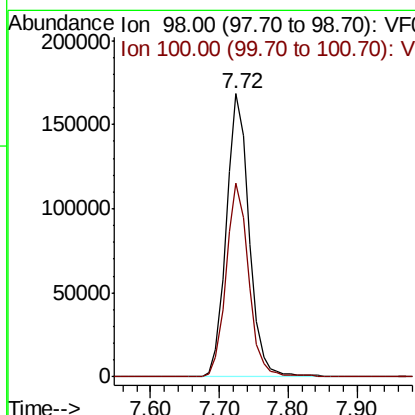
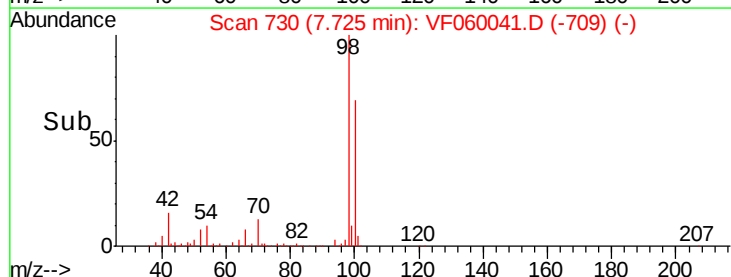


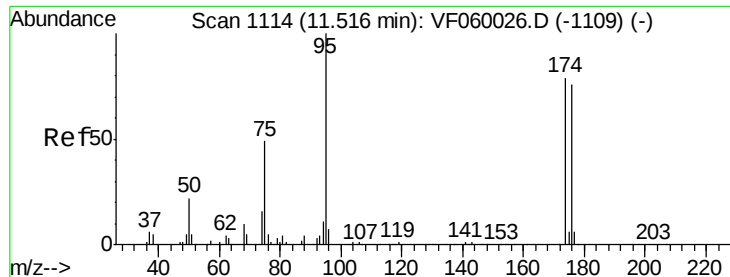
#50
 Toluene-d8
 Concen: 41.66 ug/l
 RT: 7.72 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VF060041.D
 Acq: 22 Aug 2018 15:45

Tgt Ion: 98 Resp: 386147
 Ion Ratio Lower Upper
 98 100
 100 68.7 53.2 79.8



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





#62

4-Bromofluorobenzene

Concen: 39.91 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. 0.00 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

Y-1802RE

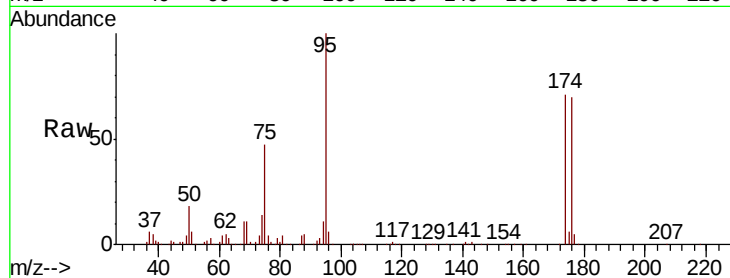
Tot Ion: 95 Resp: 195711

Ion Ratio Lower Upper

95 100

174 70.7 0.0 158.4

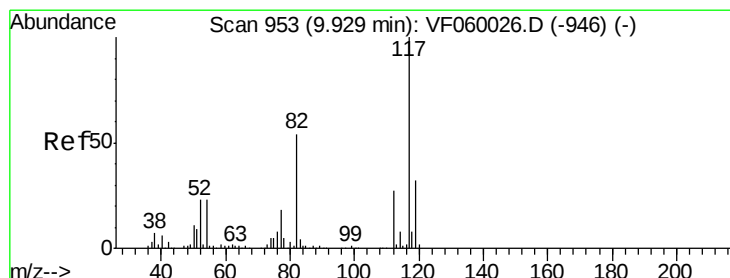
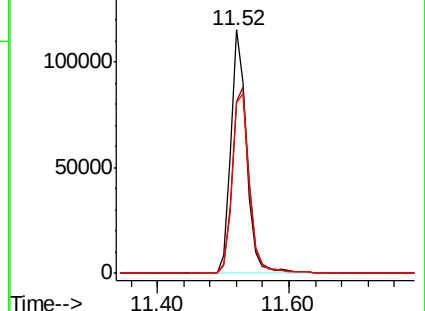
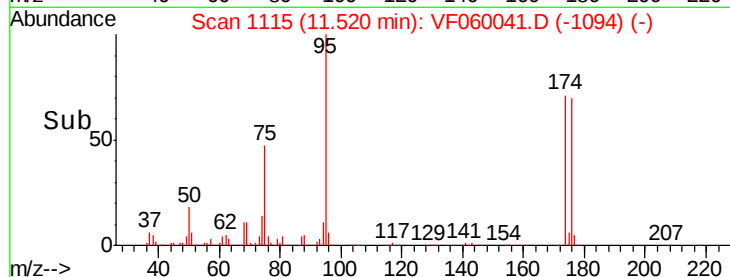
176 70.1 0.0 153.0



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: 50.00 ug/l

RT: 9.93 min Scan# 954

Delta R.T. 0.00 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

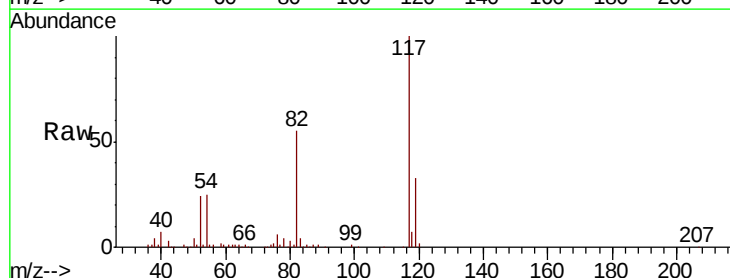
Tgt Ion: 117 Resp: 431063

Ion Ratio Lower Upper

117 100

82 55.4 43.6 65.4

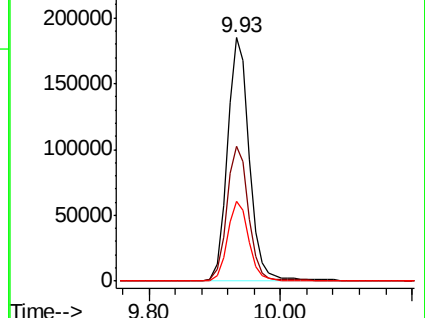
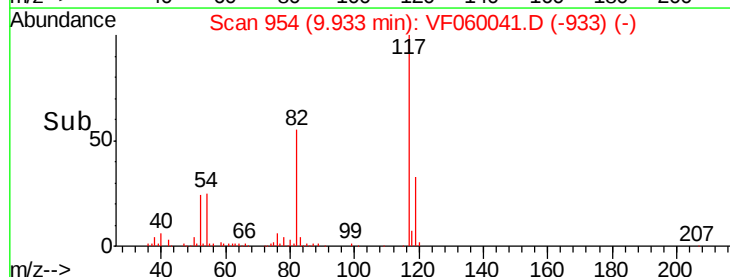
119 32.8 25.6 38.4

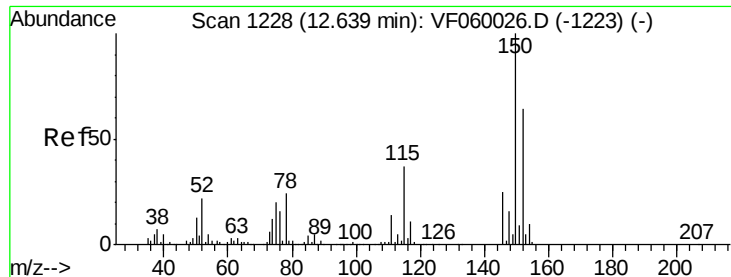


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

Y-1802RE

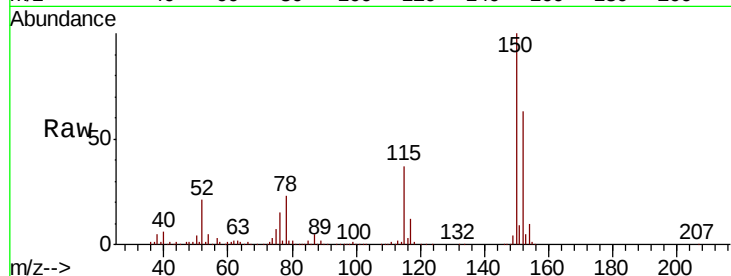
Tot Ion:152 Resp: 256395

Ion Ratio Lower Upper

152 100

115 59.4 28.6 85.9

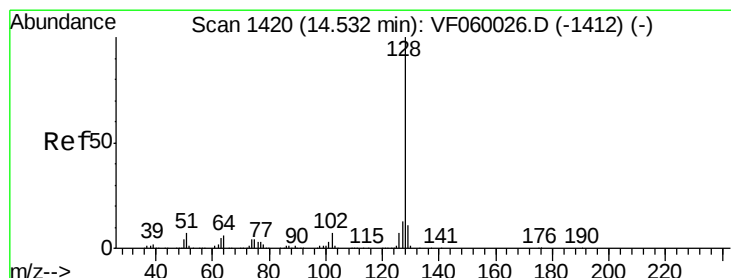
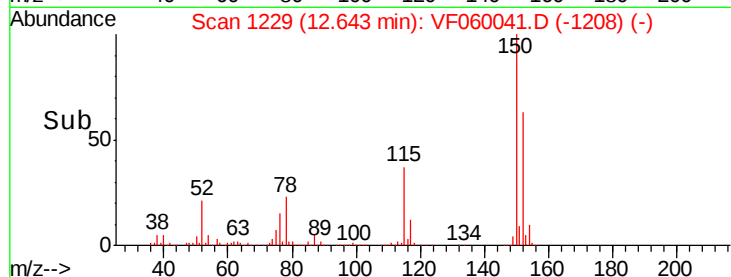
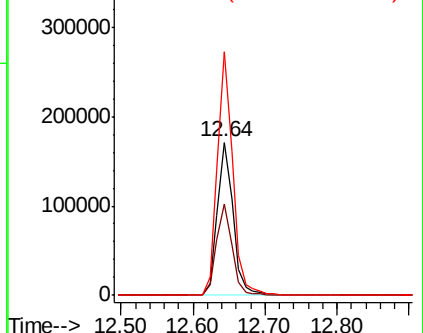
150 159.3 0.0 312.0



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



#95

Naphthalene

Concen: 2.63 ug/l

RT: 14.54 min Scan# 1421

Delta R.T. 0.01 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

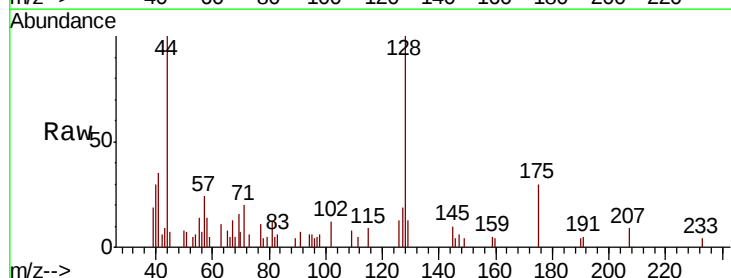
Tgt Ion:128 Resp: 3444

Ion Ratio Lower Upper

128 100

127 19.5 10.4 15.6#

129 12.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

