

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061721.D
 Acq On : 22 Feb 2019 21:19
 Operator : VA/AP
 Sample : K1595-07
 Misc : 6.52g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-MH-C02

Quant Time: Feb 23 03:36:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

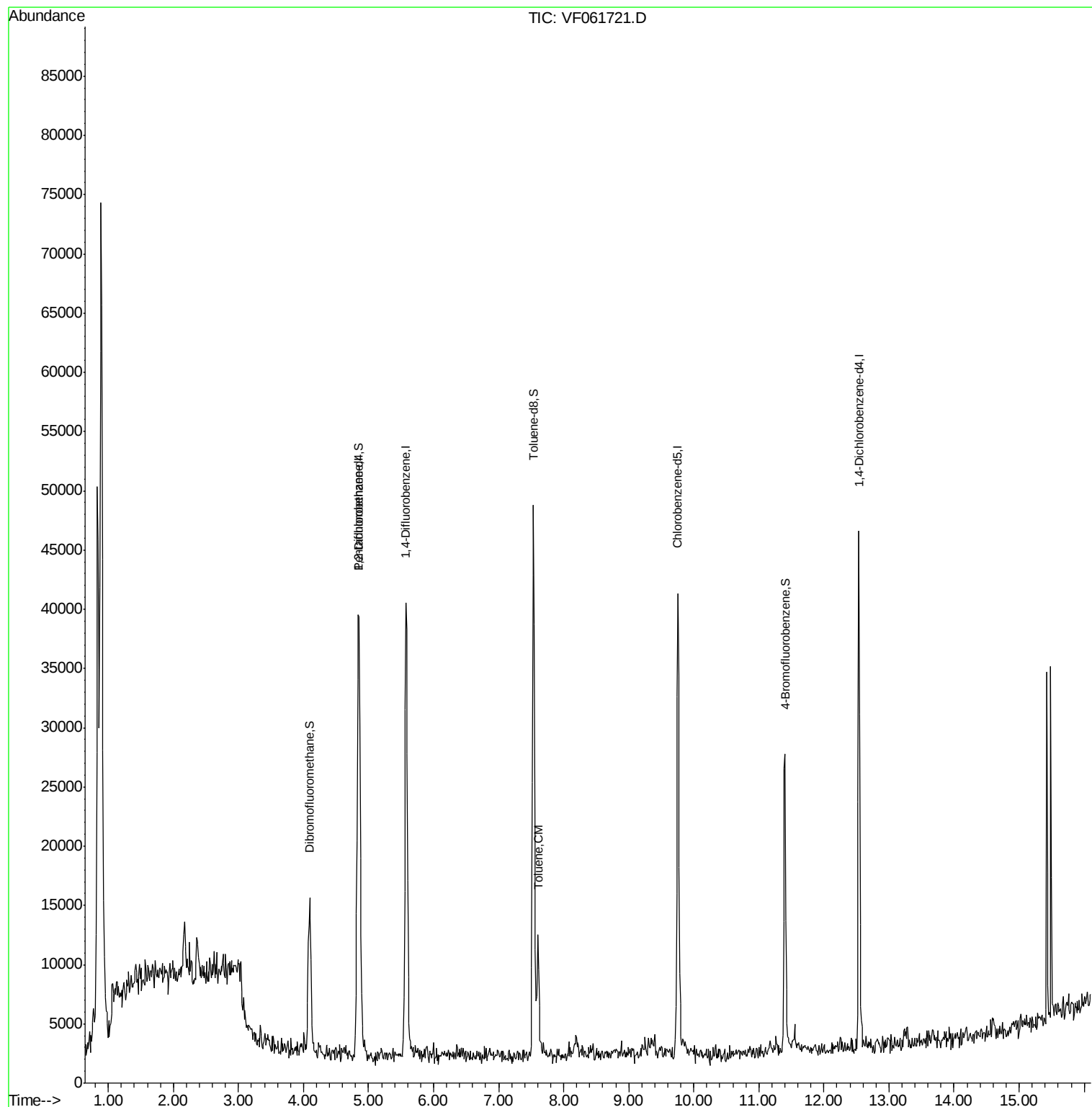
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	42910	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	49212	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	34333	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	12537	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	6028	19.16	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	38.32%	
35) Dibromofluoromethane	4.09	113	12447	34.06	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	68.12%	
50) Toluene-d8	7.54	98	44868	42.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.42%	
62) 4-Bromofluorobenzene	11.39	95	10883	25.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	51.20%	
Target Compounds						
52) Toluene	7.61	92	5491	7.100	ug/l	Qvalue 98

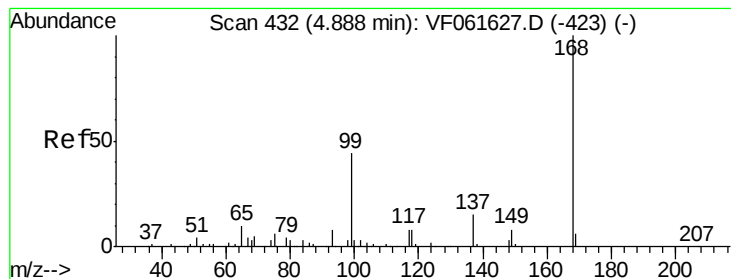
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061721.D

Acq: 22 Feb 2019 21:19

Instrument :

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ClientSampleId :

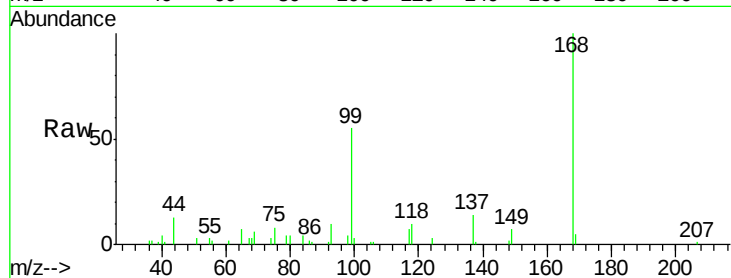
TP-MH-C02

Tot Ion:168 Resp: 42910

Ion Ratio Lower Upper

168 100

99 54.7 34.9 52.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

15000

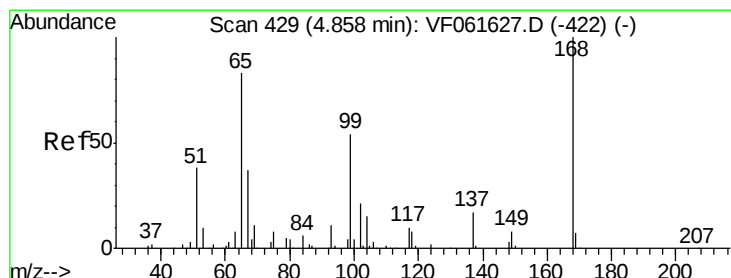
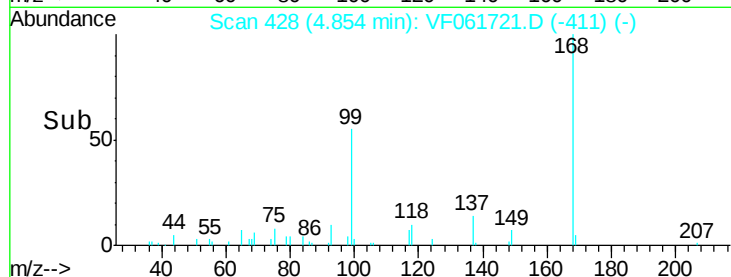
10000

5000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 19.157 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061721.D

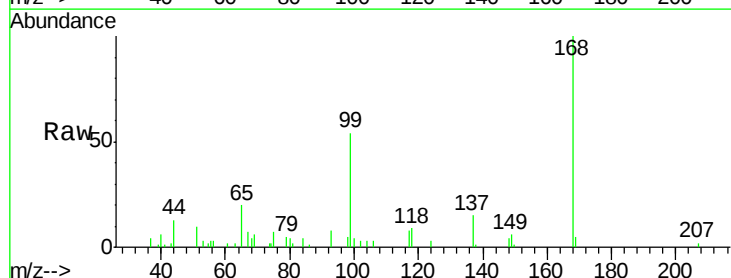
Acq: 22 Feb 2019 21:19

Tgt Ion: 65 Resp: 6028

Ion Ratio Lower Upper

65 100

67 37.5 0.0 104.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

2000

1500

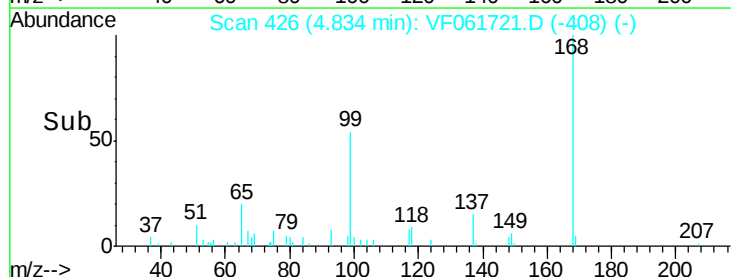
1000

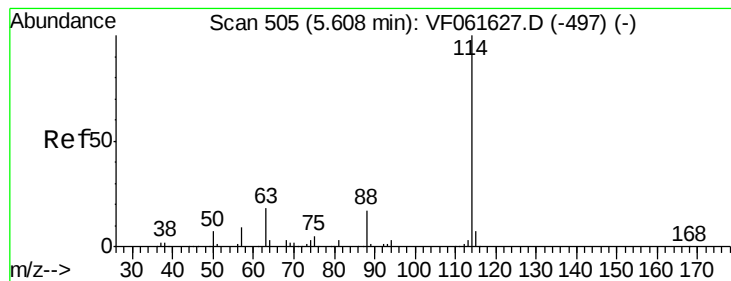
500

0

Time-->

4.80 4.90





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.03 min

Lab File: VF061721.D

Acq: 22 Feb 2019 21:19

Instrument :

MSVOA_F

ClientSampleId :

TP-MH-C02

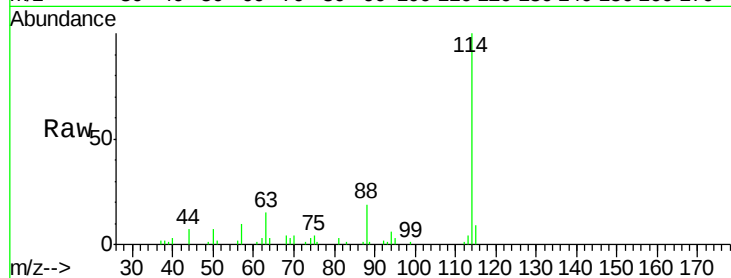
Tot Ion:114 Resp: 49212

Ion Ratio Lower Upper

114 100

63 15.4 0.0 36.6

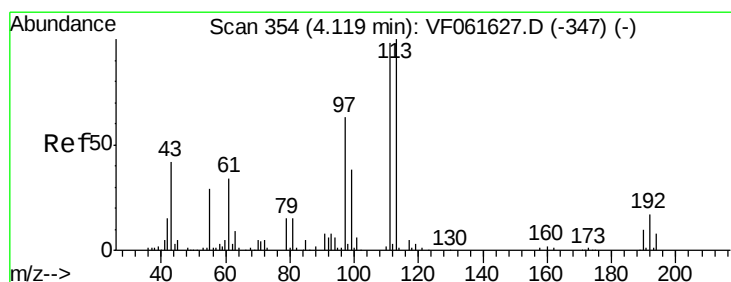
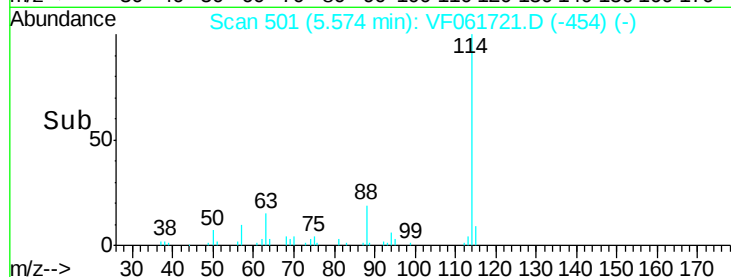
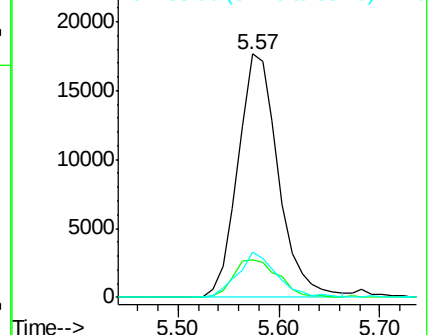
88 18.8 0.0 34.4



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: 34.059 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061721.D

Acq: 22 Feb 2019 21:19

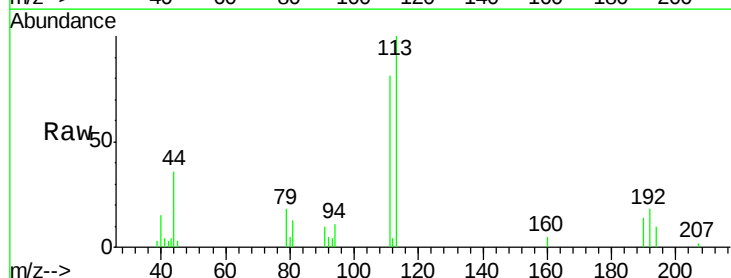
Tgt Ion:113 Resp: 12447

Ion Ratio Lower Upper

113 100

111 81.1 78.8 118.2

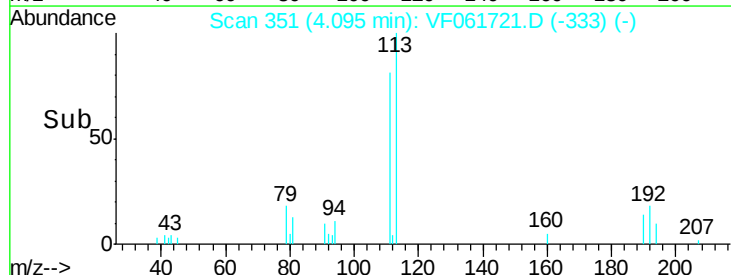
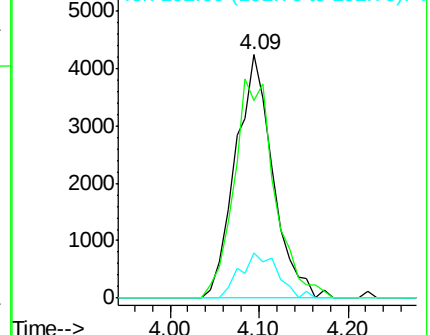
192 18.5 13.4 20.0

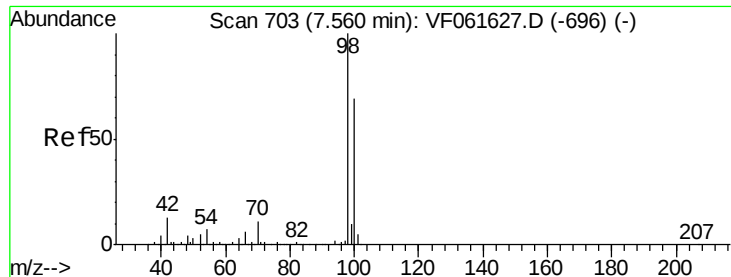


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

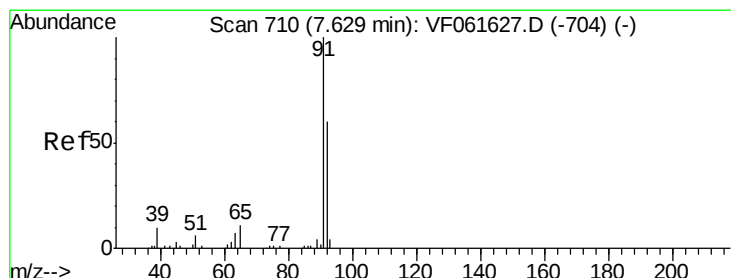
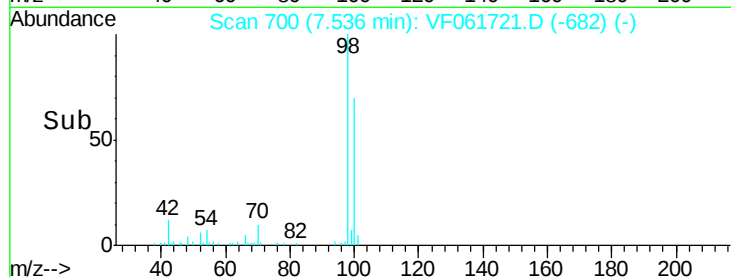
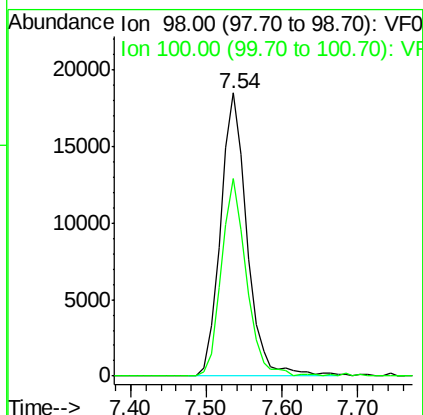
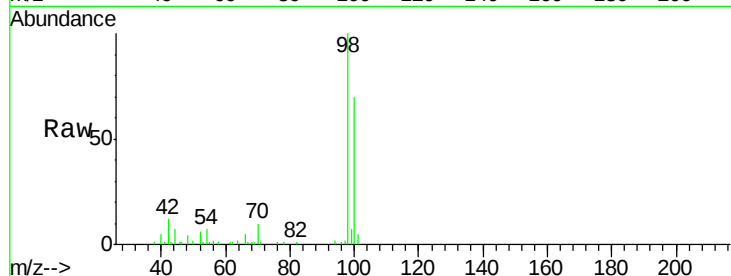




#50
Toluene-d8
Concen: 42.708 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061721.D
Acq: 22 Feb 2019 21:19

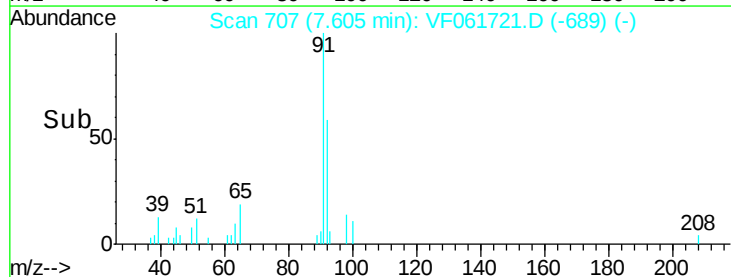
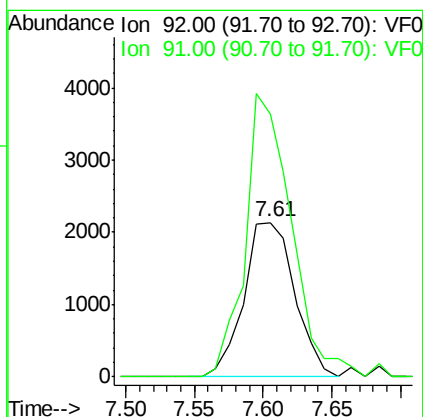
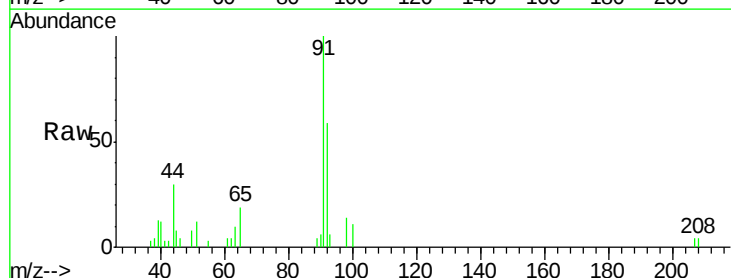
Instrument :
MSVOA_F
ClientSampleId :
TP-MH-C02

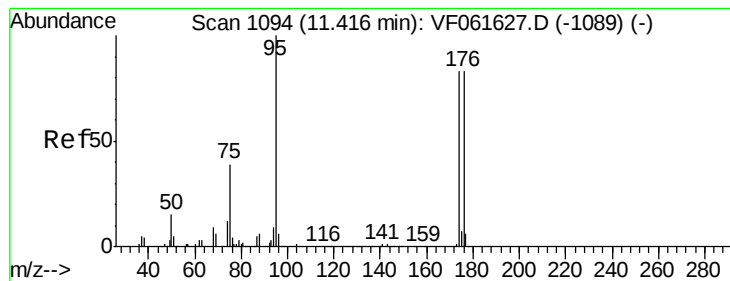
Tot Ion: 98 Resp: 44868
Ion Ratio Lower Upper
98 100
100 69.8 55.4 83.2



#52
Toluene
Concen: 7.100 ug/l
RT: 7.61 min Scan# 707
Delta R.T. -0.02 min
Lab File: VF061721.D
Acq: 22 Feb 2019 21:19

Tgt Ion: 92 Resp: 5491
Ion Ratio Lower Upper
92 100
91 170.3 133.9 200.9





#62

4-Bromofluorobenzene

Concen: 25.602 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.02 min

Lab File: VF061721.D

Acq: 22 Feb 2019 21:19

Instrument :

MSVOA_F

ClientSampleId :

TP-MH-C02

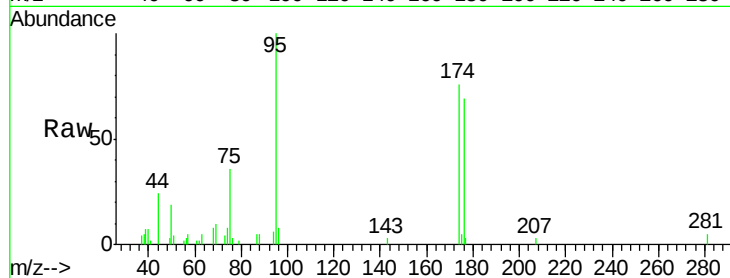
Tot Ion: 95 Resp: 10883

Ion Ratio Lower Upper

95 100

174 76.0 0.0 165.8

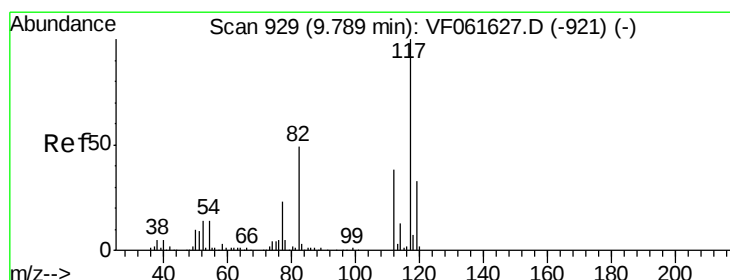
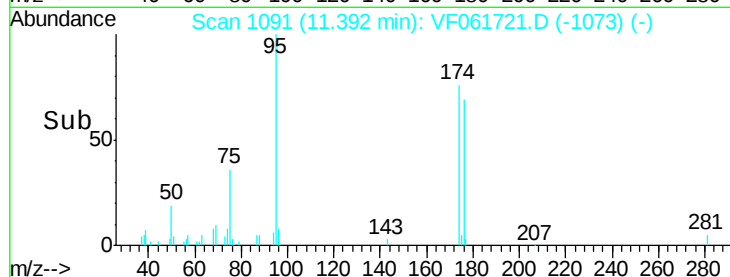
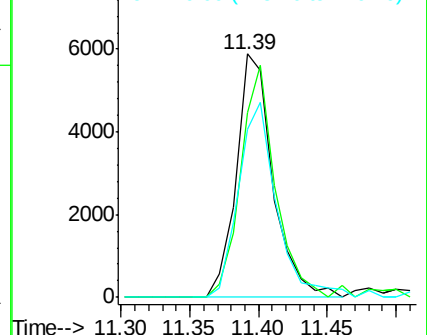
176 68.9 0.0 167.0



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: 50.000 ug/l

RT: 9.75 min Scan# 925

Delta R.T. -0.03 min

Lab File: VF061721.D

Acq: 22 Feb 2019 21:19

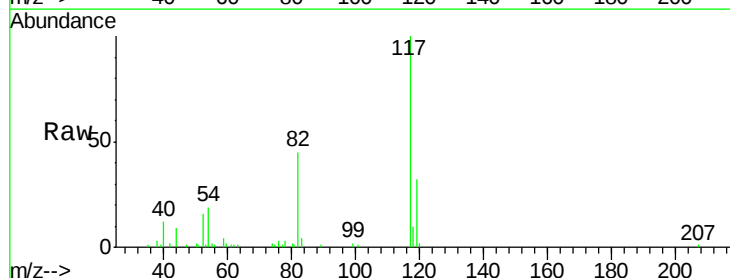
Tgt Ion: 117 Resp: 34333

Ion Ratio Lower Upper

117 100

82 45.3 39.3 58.9

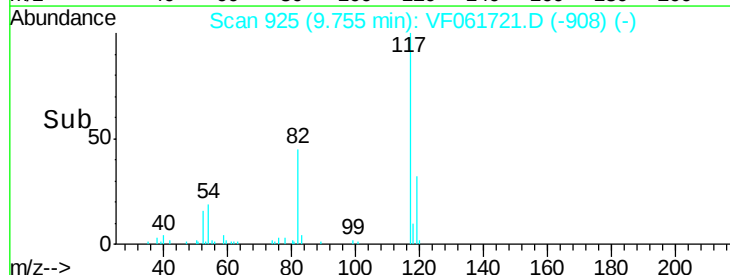
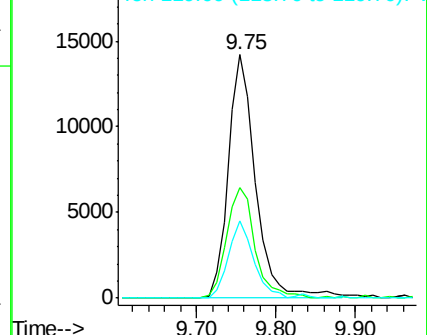
119 32.0 26.6 40.0

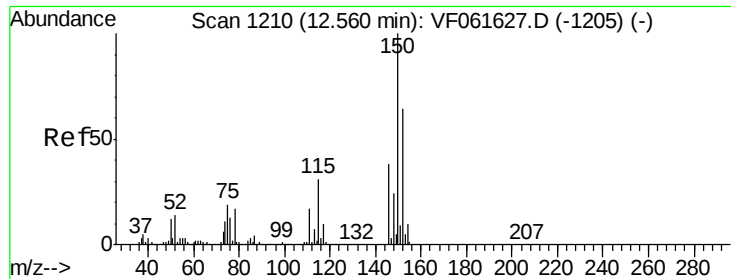


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



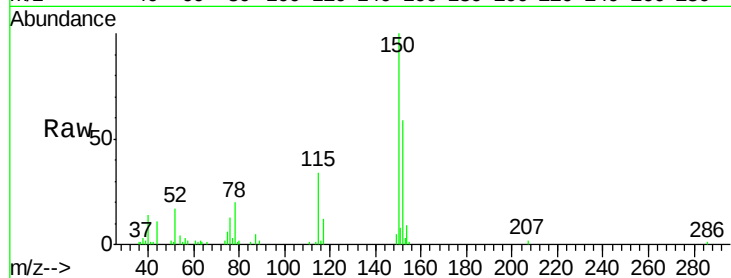


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.54 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: VF061721.D
 Acq: 22 Feb 2019 21:19

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-MH-C02

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	24.3	72.8
150	168.6	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

