

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
 Data File : VF061162.D
 Acq On : 24 Dec 2018 13:46
 Operator : VA/AP
 Sample : J6389-05RE
 Misc : 4.95g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS013-0006-01RE

Quant Time: Dec 25 05:40:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

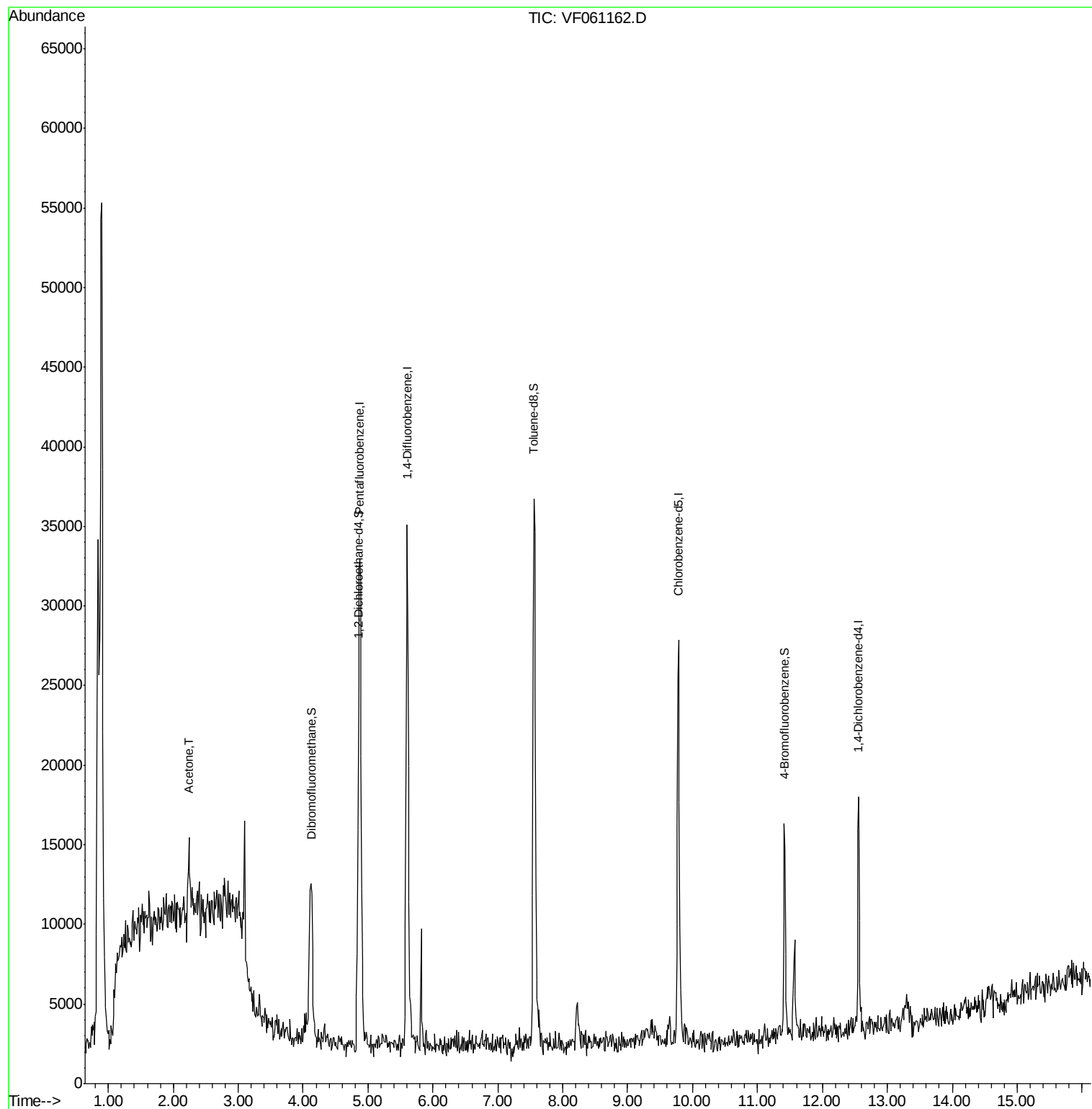
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	26963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	36114	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	18116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	3744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	6440	18.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.14%	
35) Dibromofluoromethane	4.12	113	10275	35.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.04%	
50) Toluene-d8	7.57	98	30890	37.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.36%	
62) 4-Bromofluorobenzene	11.41	95	5491	14.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	29.06%	
Target Compounds						
16) Acetone	2.24	43	9713	140.104	ug/l	Qvalue 99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

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ClientSampleId :

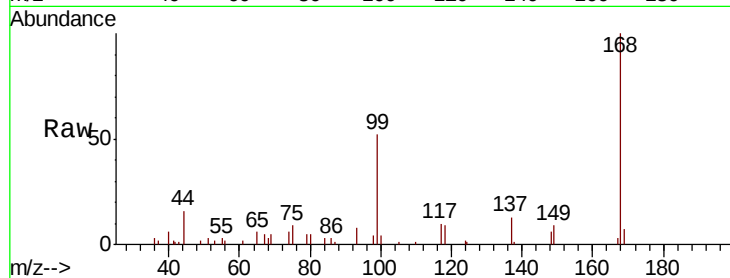
P001-SS013-0006-01RE

Tot Ion:168 Resp: 26963

Ion Ratio Lower Upper

168 100

99 52.2 54.4 81.6#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

10000

8000

6000

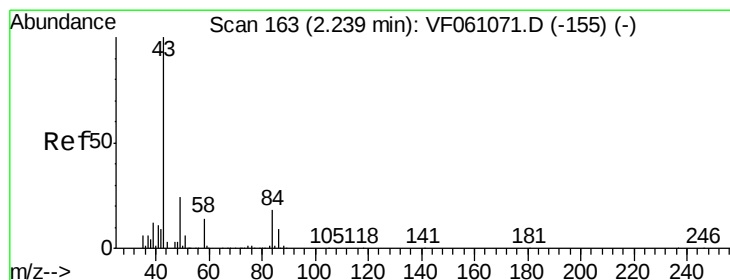
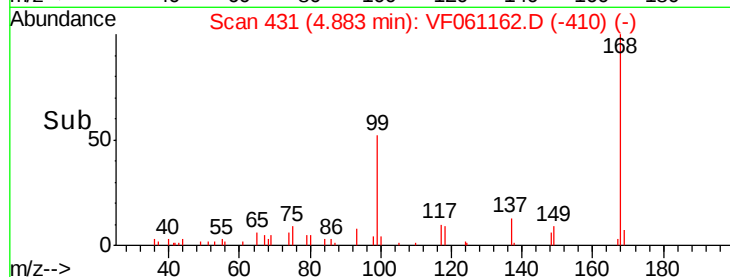
4000

2000

0

Time-->

4.80 4.90 5.00



#16

Acetone

Concen: 140.104 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061162.D

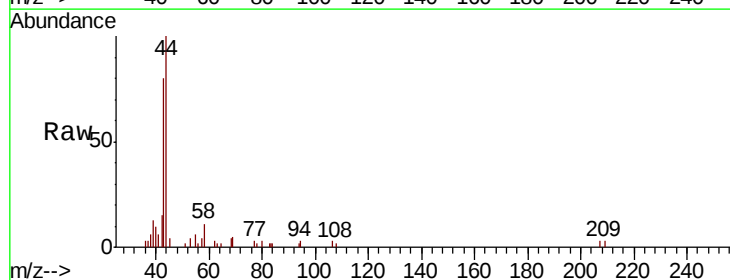
Acq: 24 Dec 2018 13:46

Tgt Ion: 43 Resp: 9713

Ion Ratio Lower Upper

43 100

58 14.4 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

4000

3000

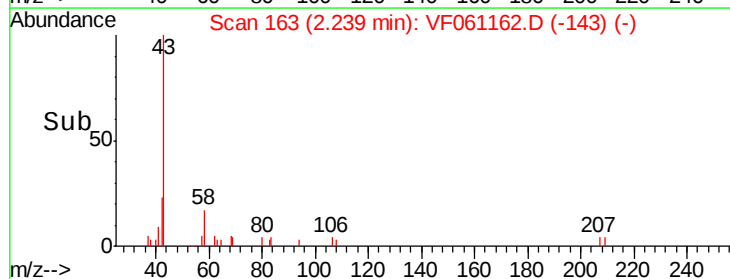
2000

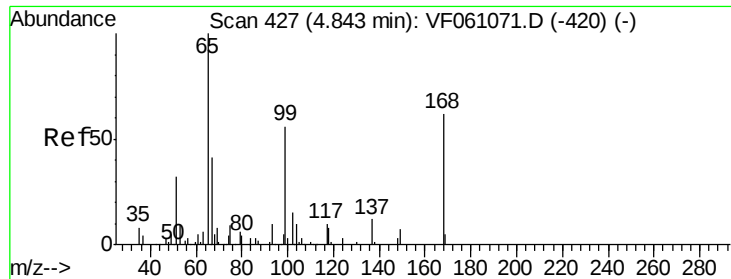
1000

0

Time-->

2.20 2.30

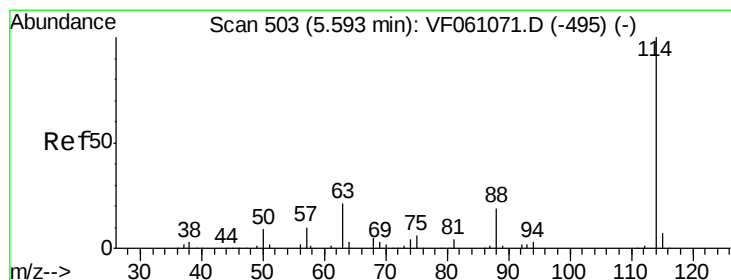
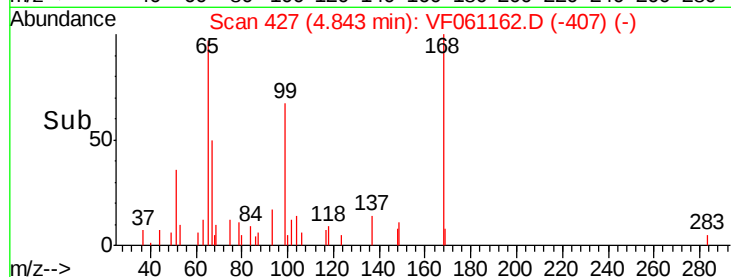
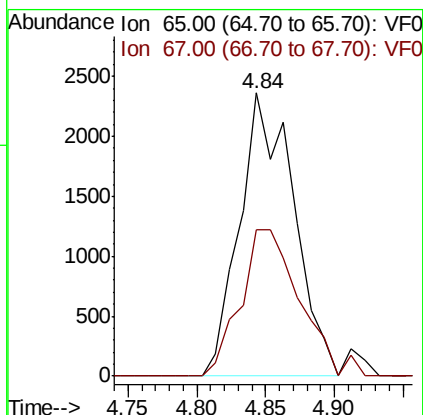
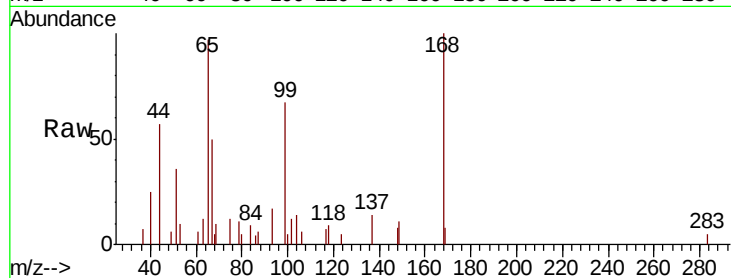




#33
 1,2-Dichloroethane-d4
 Concen: 18.570 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: VF061162.D
 Acq: 24 Dec 2018 13:46

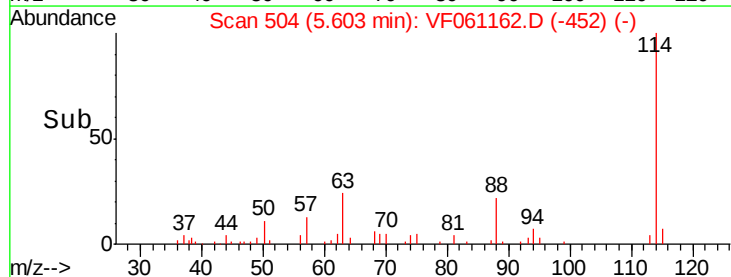
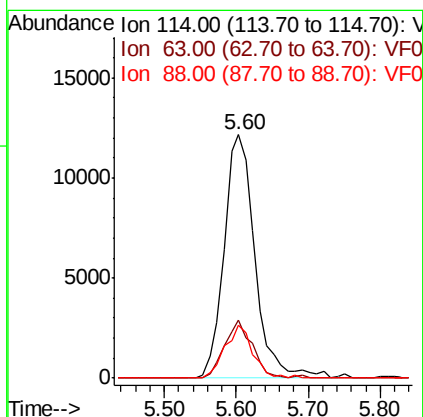
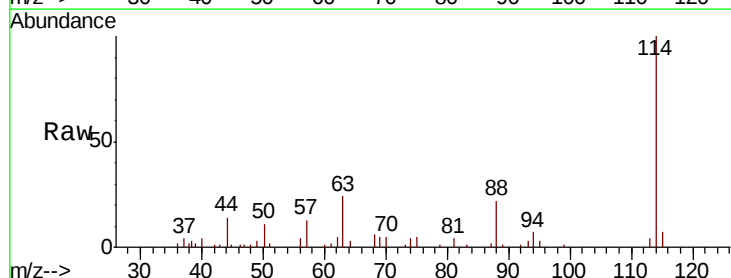
Instrument :
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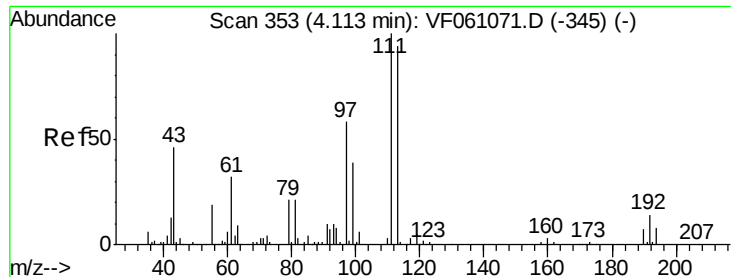
Tot Ion: 65 Resp: 6440
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 94.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF061162.D
 Acq: 24 Dec 2018 13:46

Tgt Ion:114 Resp: 36114
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 41.6
 88 21.6 0.0 38.0

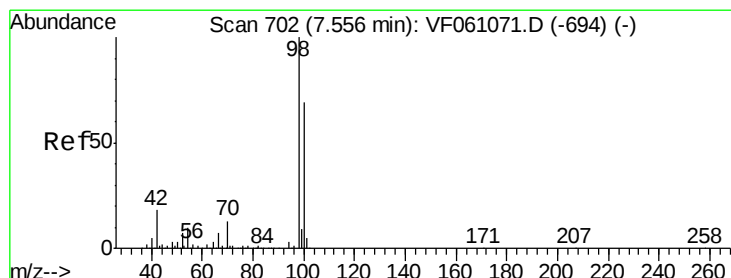
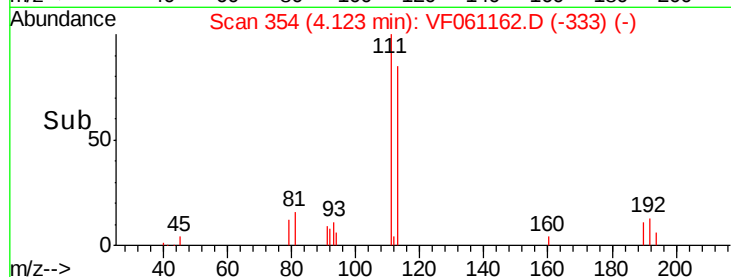
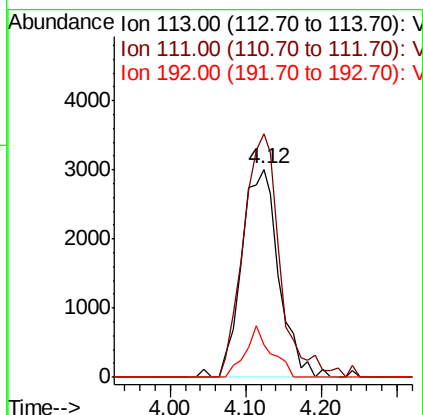
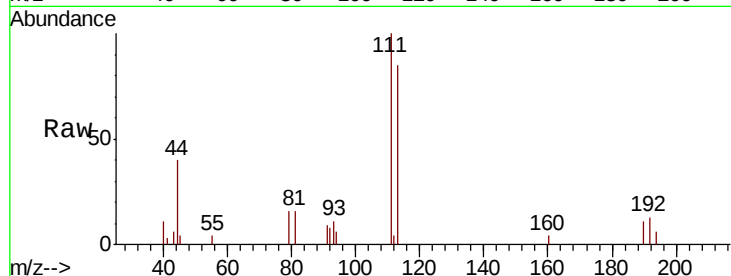




#35
Dibromofluoromethane
Concen: 35.518 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

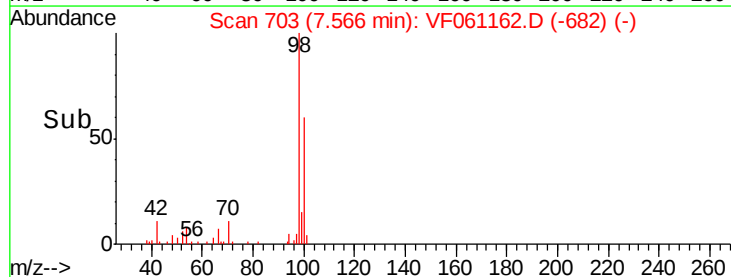
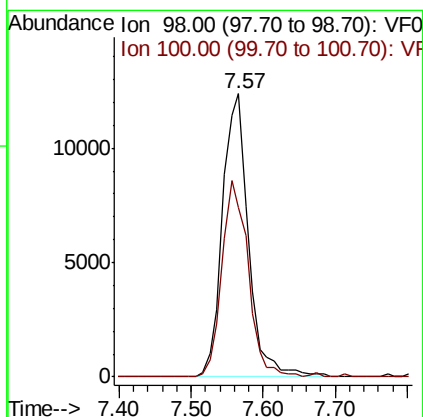
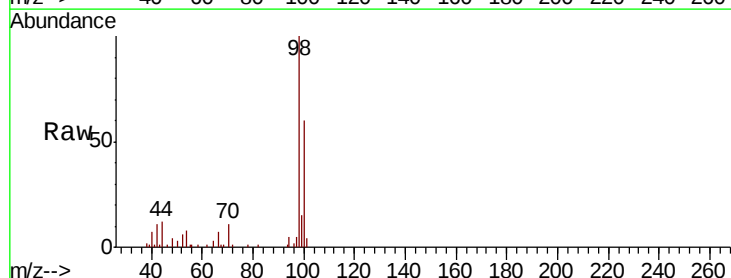
Instrument :
MSVOA_F
ClientSampleId :
P001-SS013-0006-01RE

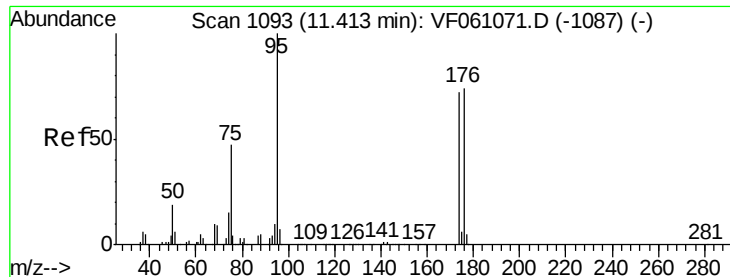
Tot Ion:113 Resp: 10275
Ion Ratio Lower Upper
113 100
111 117.1 85.2 127.8
192 15.7 12.8 19.2



#50
Toluene-d8
Concen: 37.679 ug/l
RT: 7.57 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 98 Resp: 30890
Ion Ratio Lower Upper
98 100
100 59.9 55.3 82.9





#62

4-Bromofluorobenzene

Concen: 14.528 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061162.D

Acq: 24 Dec 2018 13:46

Instrument :

MSVOA_F

ClientSampleId :

P001-SS013-0006-01RE

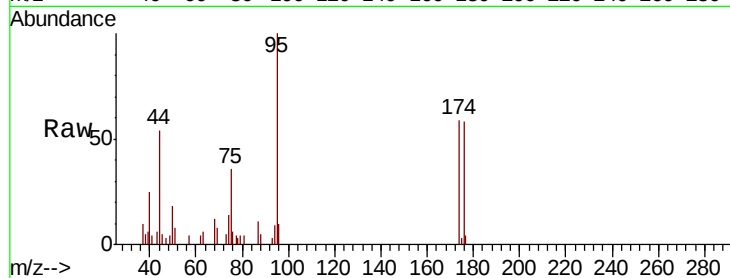
Tot Ion: 95 Resp: 5491

Ion Ratio Lower Upper

95 100

174 58.5 0.0 143.8

176 58.3 0.0 147.6

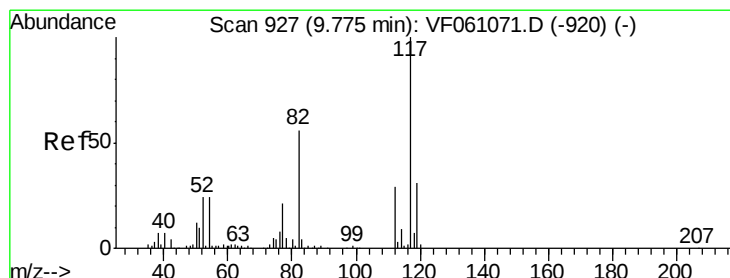
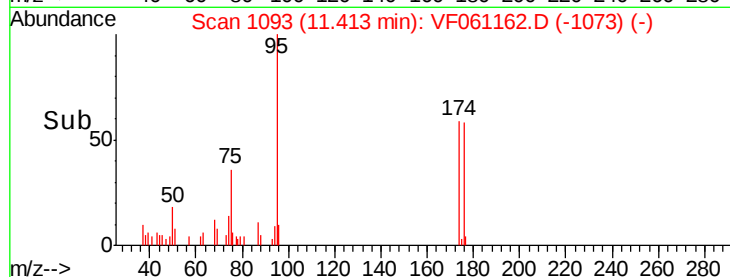
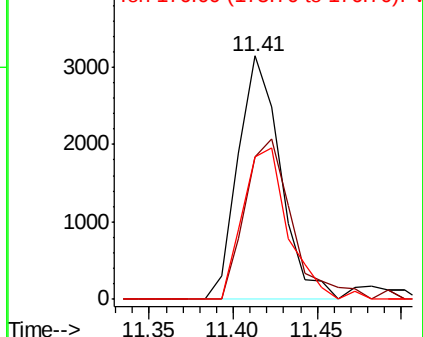


Abundance

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: 9.79 min Scan# 928

Delta R.T. 0.01 min

Lab File: VF061162.D

Acq: 24 Dec 2018 13:46

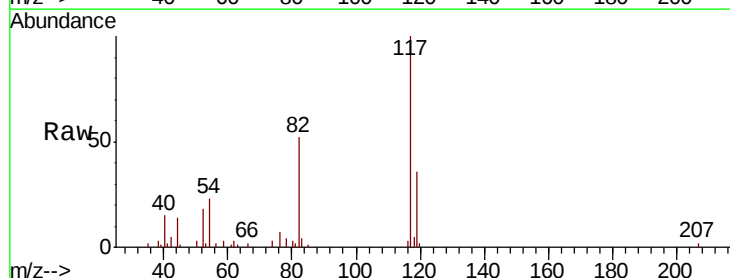
Tgt Ion: 117 Resp: 18116

Ion Ratio Lower Upper

117 100

82 51.6 45.0 67.4

119 35.6 24.8 37.2

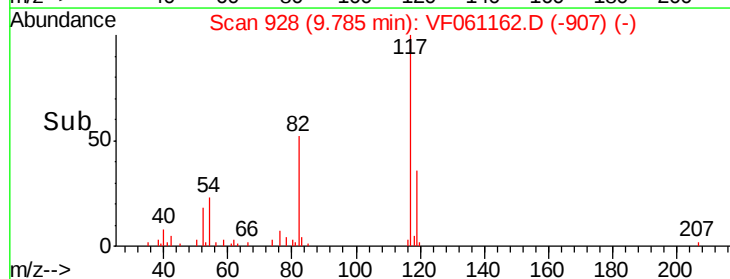
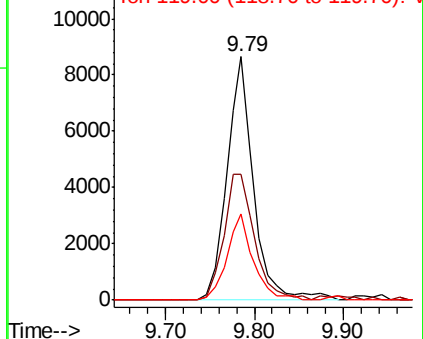


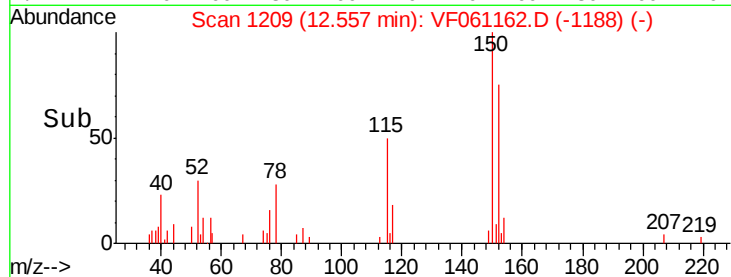
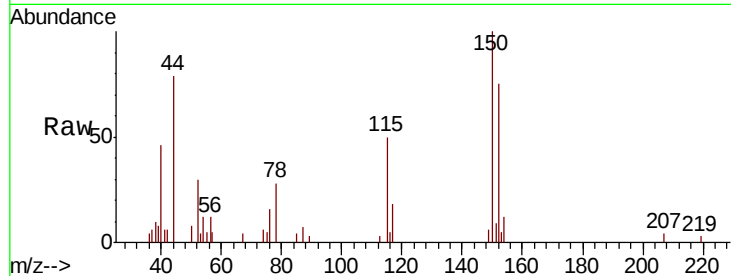
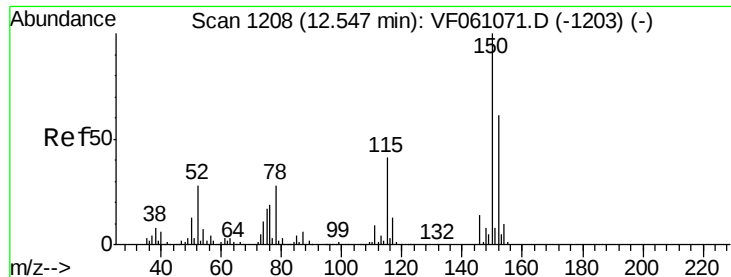
Abundance

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# 1209

Delta R.T. 0.01 min

Lab File: VF061162.D

Acq: 24 Dec 2018 13:46

Instrument :

MSVOA_F

ClientSampleId :

P001-SS013-0006-01RE

Tot Ion:152 Resp: 3744

Ion Ratio Lower Upper

152 100

115 67.0 33.3 99.9

150 133.5 0.0 328.2

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

