

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061487.D
 Acq On : 23 Jan 2019 17:14
 Operator : VA/AP
 Sample : K1223-05
 Misc : 4.81g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-Q

Quant Time: Jan 24 03:28:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

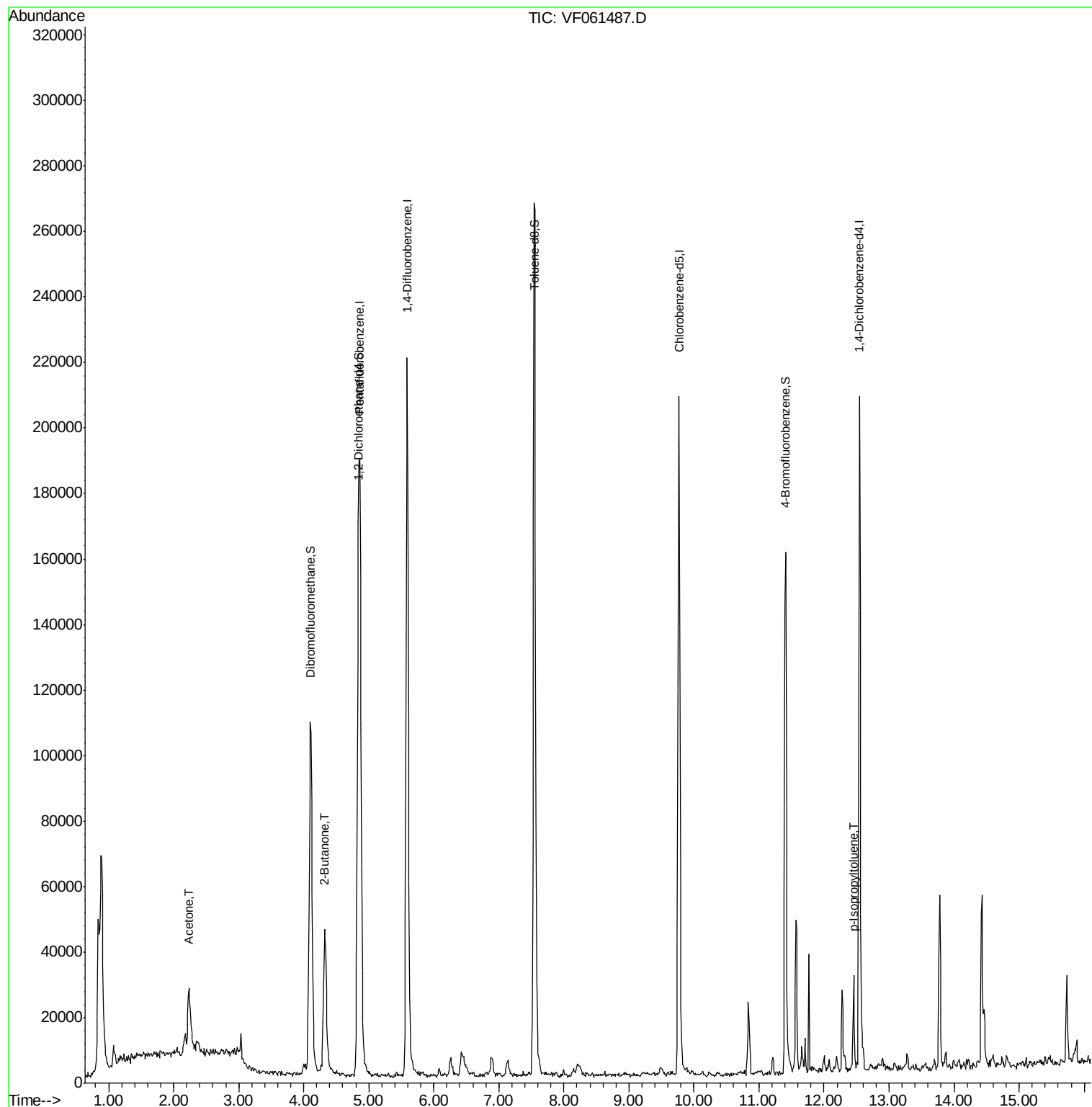
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	133805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	245414	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	156188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	45578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	97733	59.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.32%	
35) Dibromofluoromethane	4.11	113	108522	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.08%	
50) Toluene-d8	7.55	98	231016	43.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.08%	
62) 4-Bromofluorobenzene	11.41	95	65909	26.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.18%	
Target Compounds						
16) Acetone	2.24	43	32478	98.000	ug/l	98
25) 2-Butanone	4.32	43	96798	175.639	ug/l	94
86) p-Isopropyltoluene	12.46	119	15018	4.351	ug/l	94

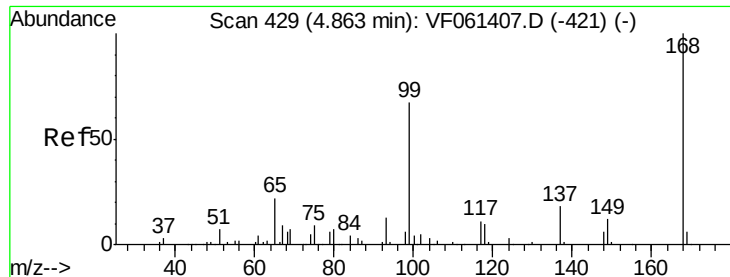
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF061487.D

Acq: 23 Jan 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

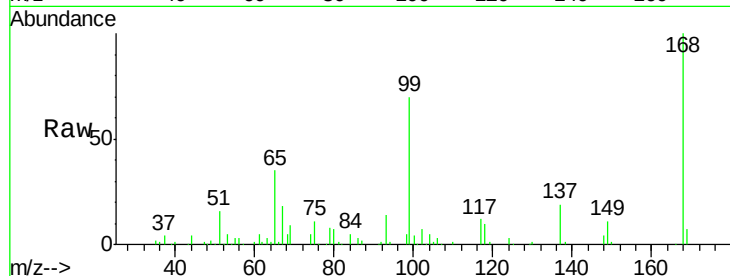
TS-Q

Tot Ion:168 Resp: 133805

Ion Ratio Lower Upper

168 100

99 70.1 53.5 80.3

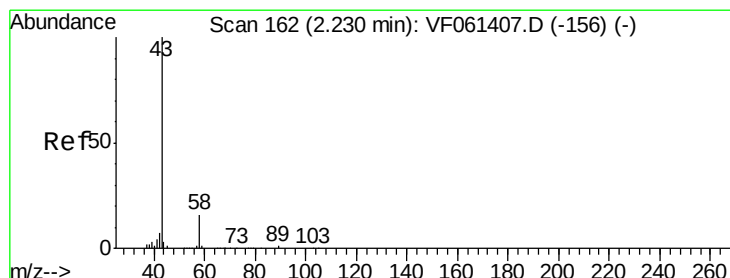
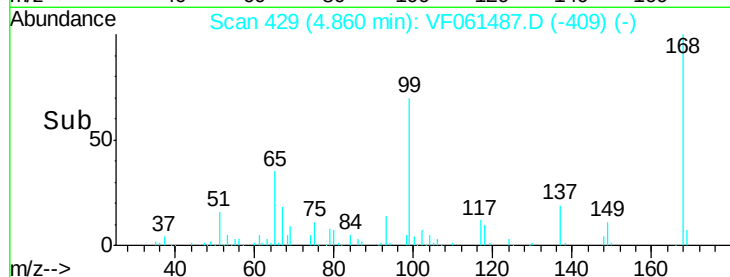


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

Time-->



#16

Acetone

Concen: 98.000 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061487.D

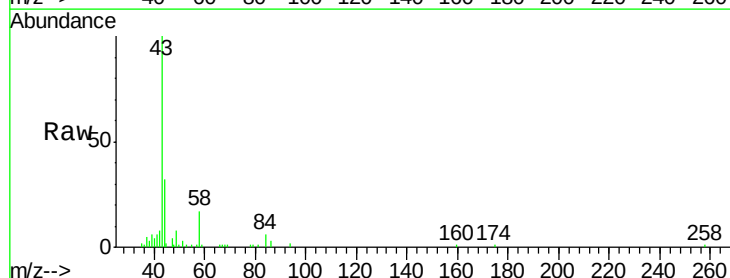
Acq: 23 Jan 2019 17:14

Tgt Ion: 43 Resp: 32478

Ion Ratio Lower Upper

43 100

58 17.3 13.3 19.9

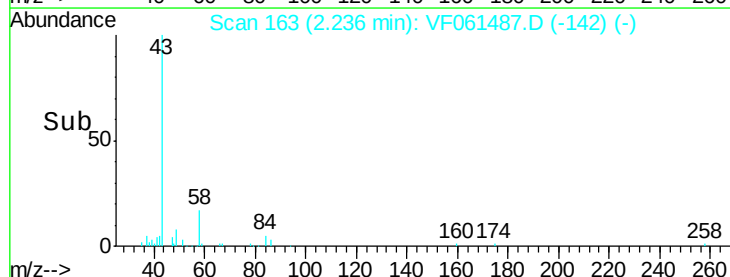


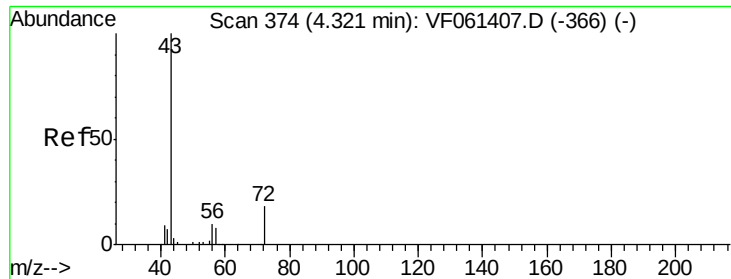
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

Time-->





#25

2-Butanone

Concen: 175.639 ug/l

RT: 4.32 min Scan# 374

Delta R.T. -0.00 min

Lab File: VF061487.D

Acq: 23 Jan 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

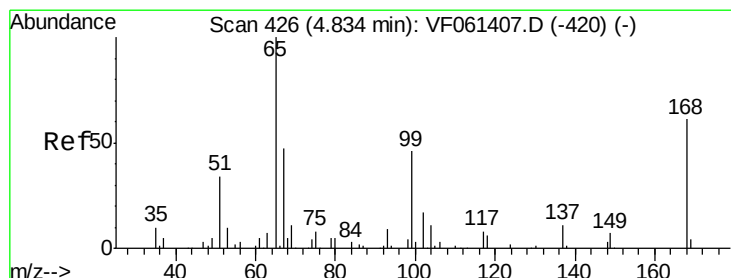
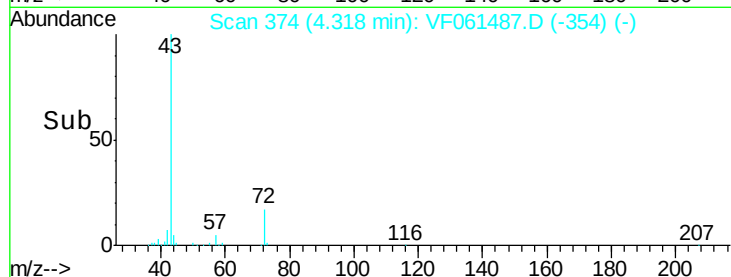
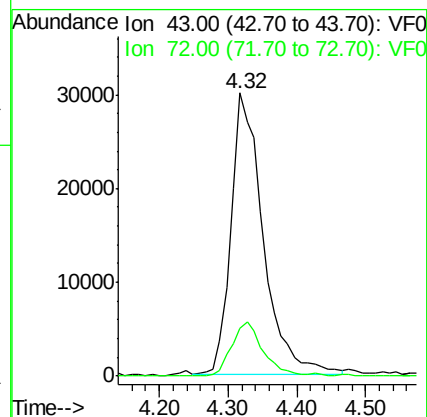
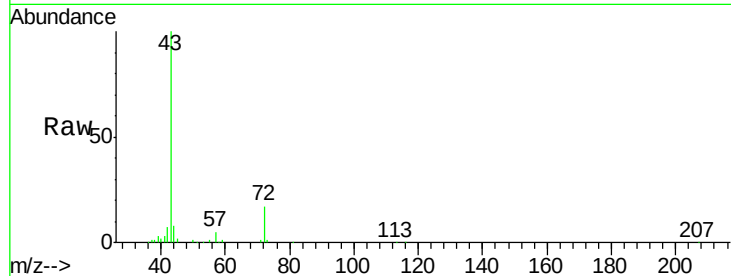
TS-Q

Tot Ion: 43 Resp: 96798

Ion Ratio Lower Upper

43 100

72 16.7 15.8 23.6



#33

1,2-Dichloroethane-d4

Concen: 59.161 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.00 min

Lab File: VF061487.D

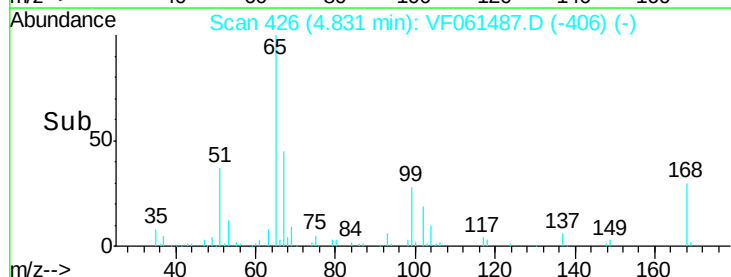
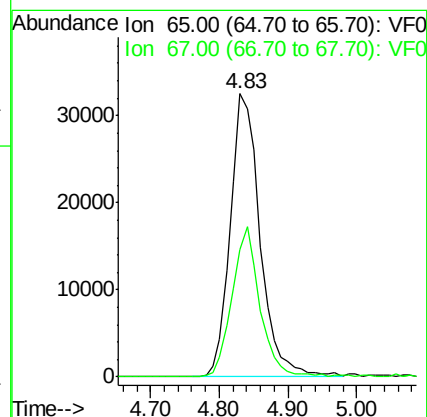
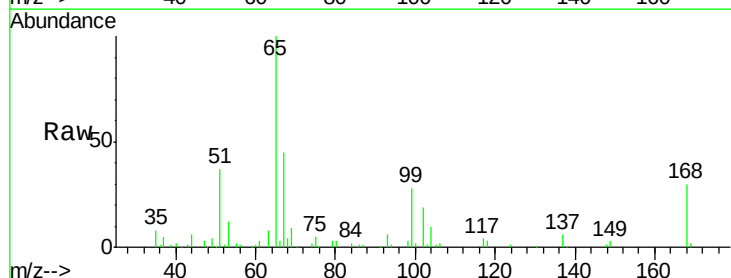
Acq: 23 Jan 2019 17:14

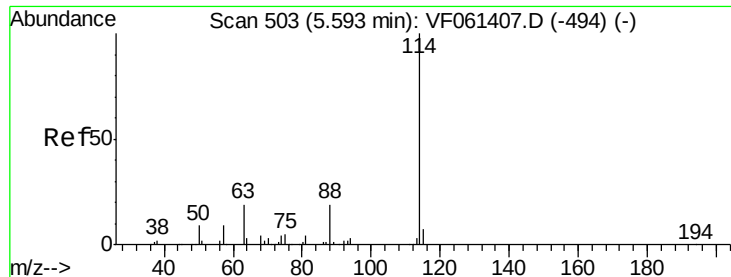
Tgt Ion: 65 Resp: 97733

Ion Ratio Lower Upper

65 100

67 45.0 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF061487.D

Acq: 23 Jan 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

TS-Q

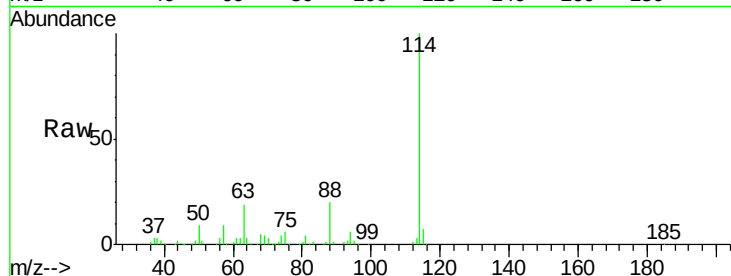
Tot Ion:114 Resp: 245414

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.0

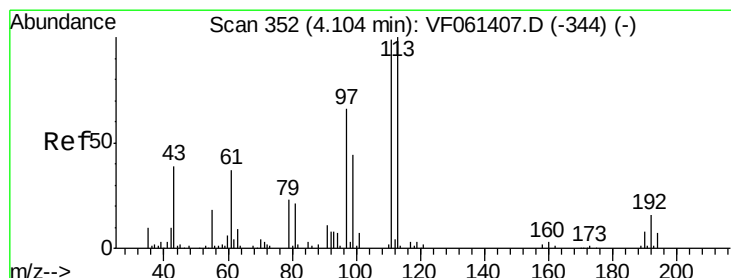
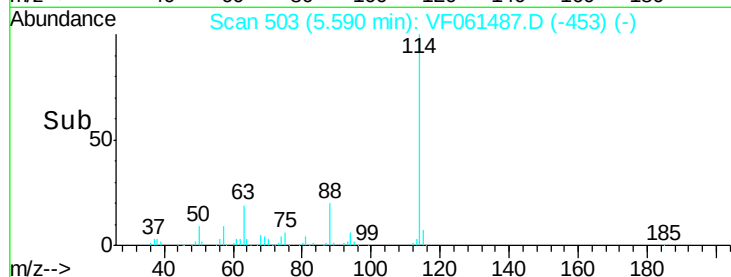
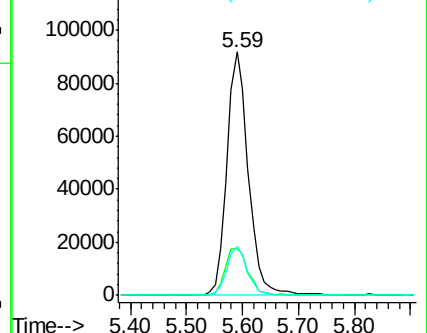
88 20.2 0.0 37.4



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: 56.039 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.01 min

Lab File: VF061487.D

Acq: 23 Jan 2019 17:14

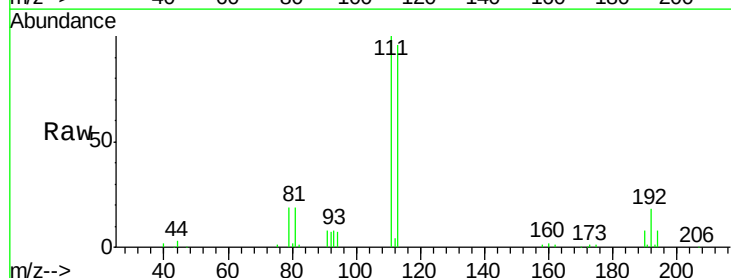
Tgt Ion:113 Resp: 108522

Ion Ratio Lower Upper

113 100

111 104.2 79.4 119.0

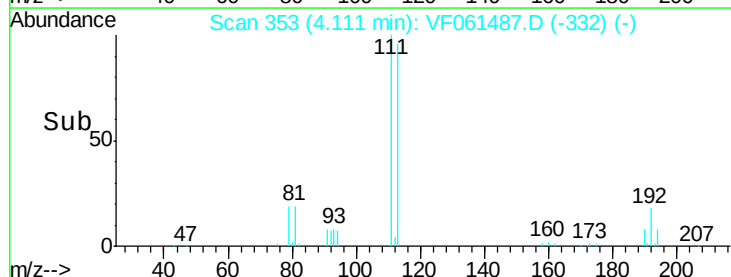
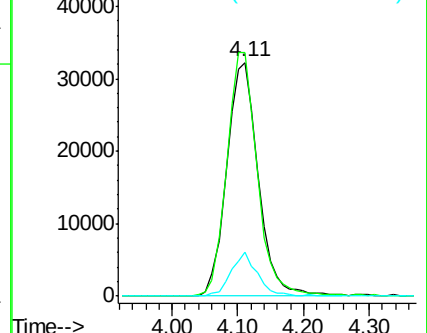
192 18.7 12.4 18.6#

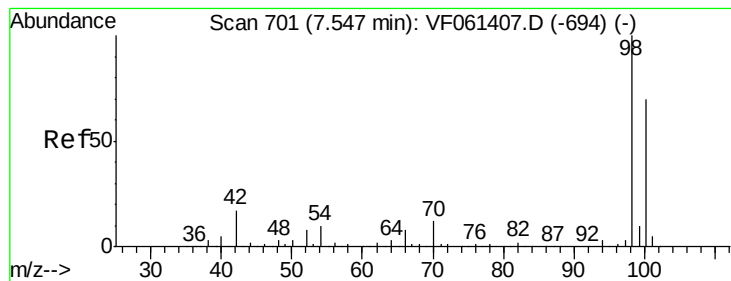


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 43.541 ug/l

RT: 7.55 min Scan# 702

Delta R.T. 0.01 min

Lab File: VF061487.D

Acq: 23 Jan 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

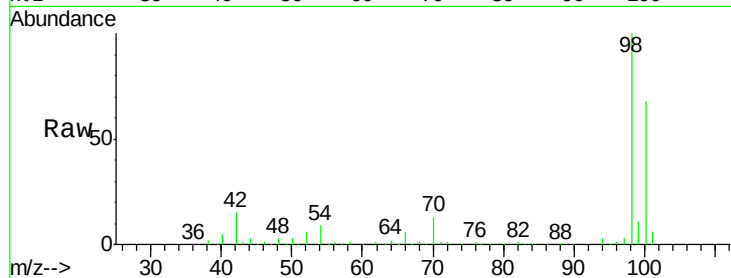
TS-Q

Tot Ion: 98 Resp: 231016

Ion Ratio Lower Upper

98 100

100 68.3 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.55

100000

80000

60000

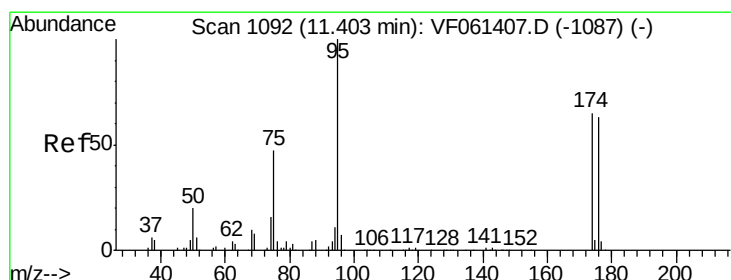
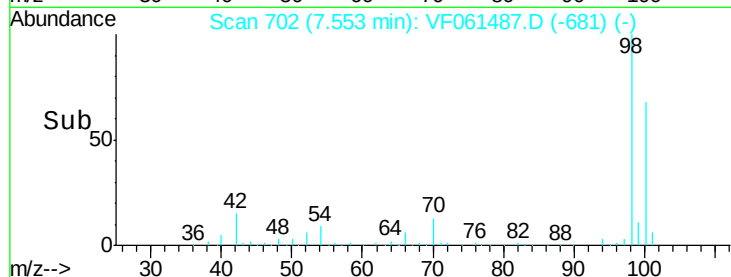
40000

20000

0

Time-->

7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 26.587 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061487.D

Acq: 23 Jan 2019 17:14

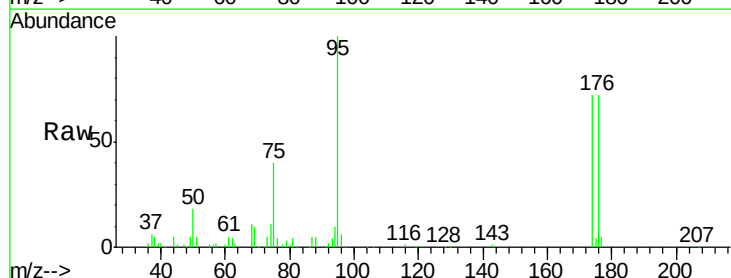
Tgt Ion: 95 Resp: 65909

Ion Ratio Lower Upper

95 100

174 71.6 0.0 130.4

176 72.5 0.0 126.2



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

50000

40000

30000

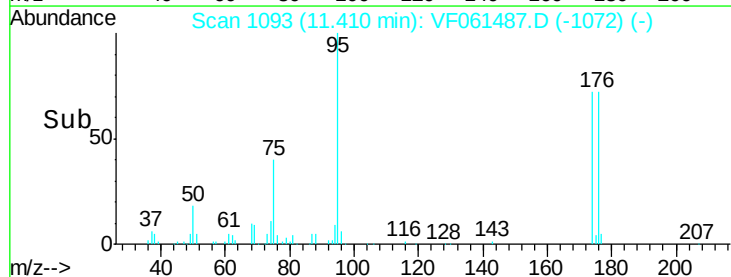
20000

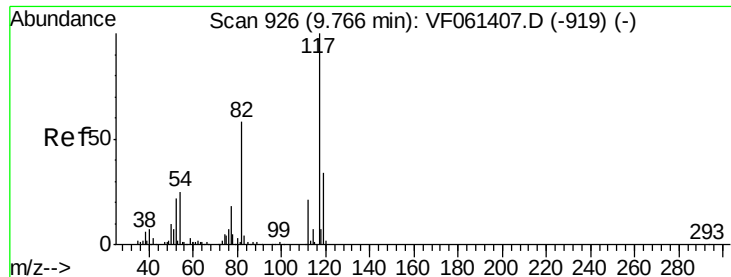
10000

0

Time-->

11.30 11.40 11.50

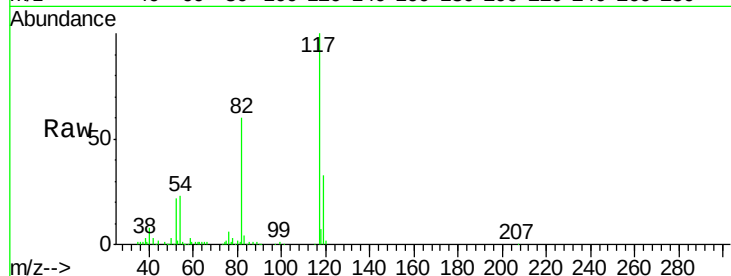




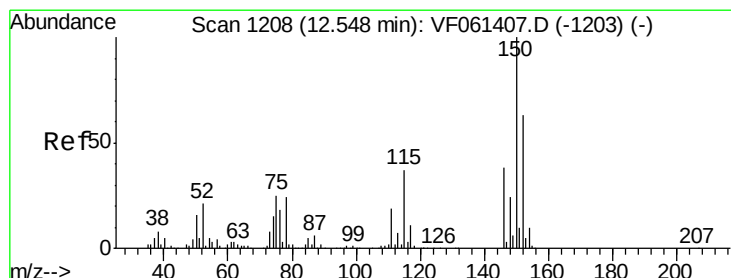
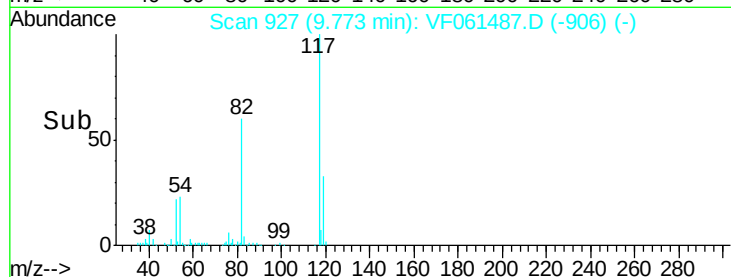
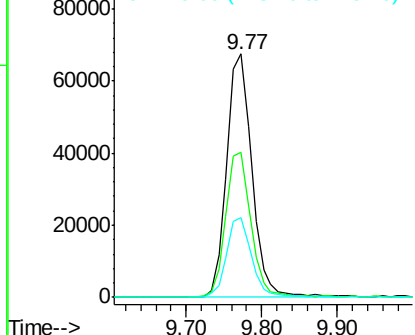
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061487.D
Acq: 23 Jan 2019 17:14

Instrument :
MSVOA_F
ClientSampleId :
TS-Q

Tot Ion:117 Resp: 156188
Ion Ratio Lower Upper
117 100
82 59.5 46.4 69.6
119 32.5 27.2 40.8

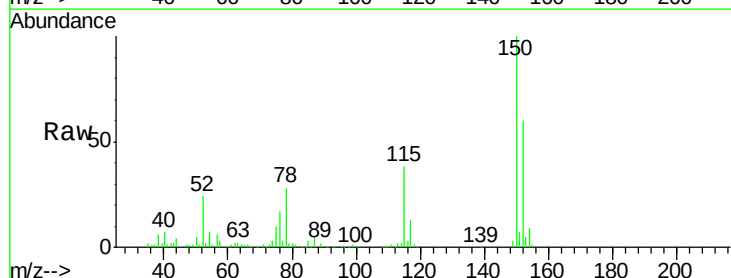


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

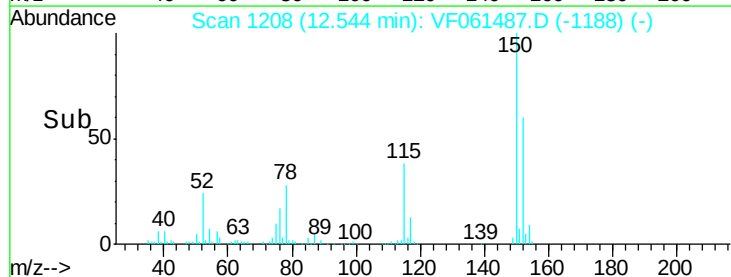
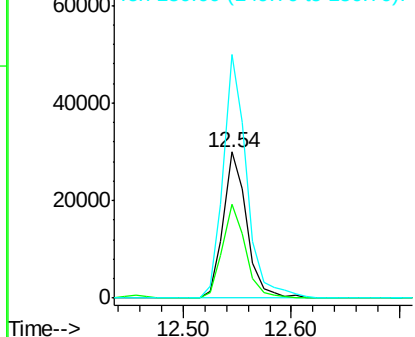


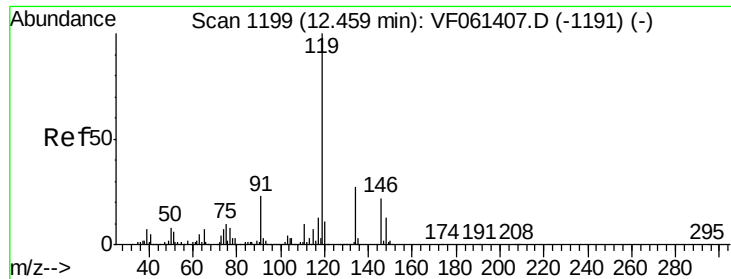
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061487.D
Acq: 23 Jan 2019 17:14

Tgt Ion:152 Resp: 45578
Ion Ratio Lower Upper
152 100
115 63.8 30.0 90.0
150 166.6 0.0 321.4



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





#86

p-Isopropyltoluene

Concen: 4.351 ug/l

RT: 12.46 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VF061487.D

Acq: 23 Jan 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

TS-Q

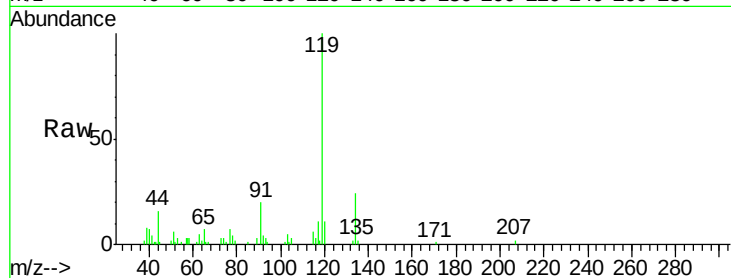
Tot Ion:119 Resp: 15018

Ion Ratio Lower Upper

119 100

134 24.1 13.4 40.2

91 19.9 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0

