

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061484.D
 Acq On : 23 Jan 2019 15:48
 Operator : VA/AP
 Sample : K1223-02
 Misc : 5.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-N

Quant Time: Jan 24 03:22:28 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

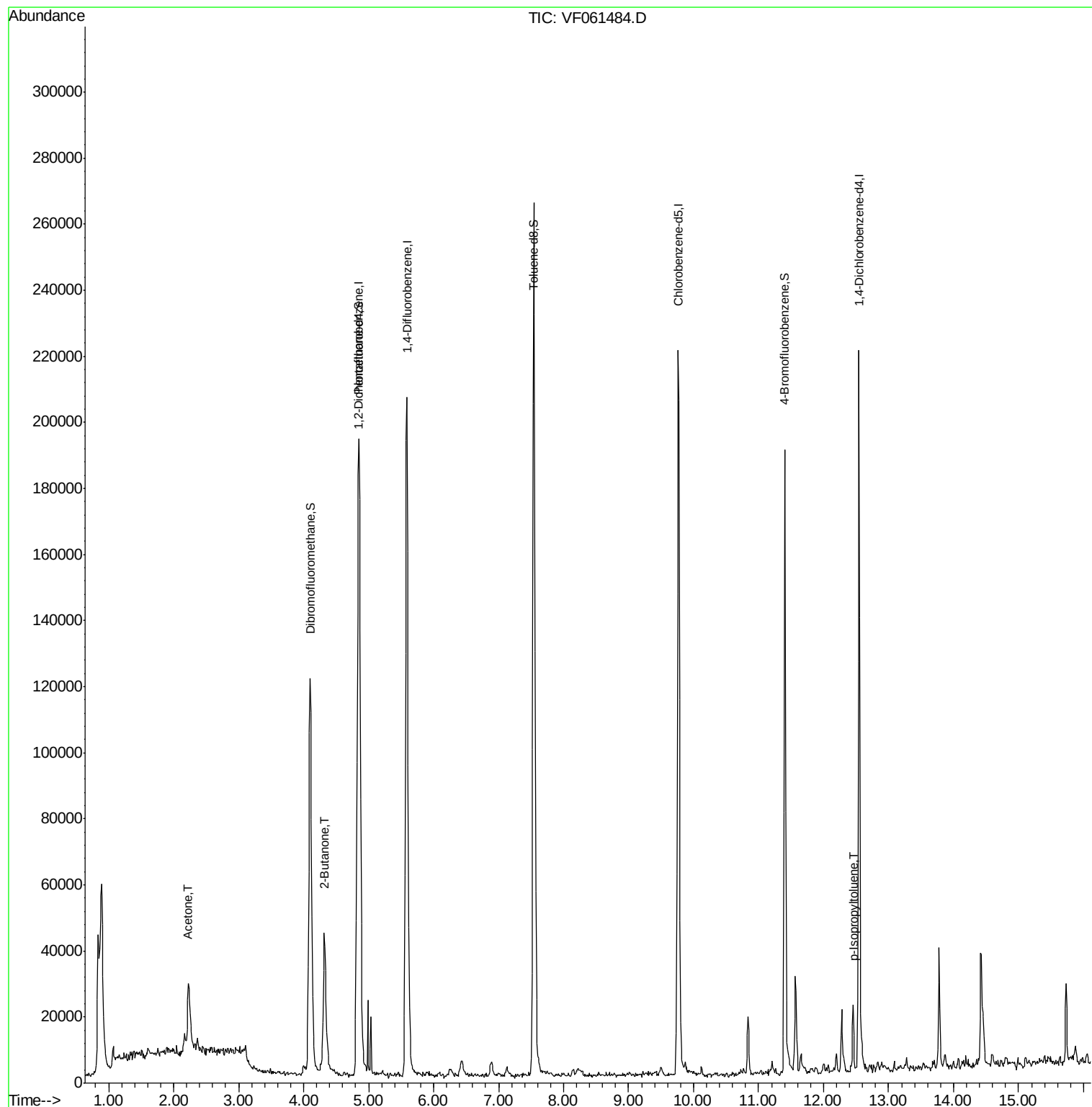
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	126386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	236317	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	161474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	51842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	100383	64.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.66%	
35) Dibromofluoromethane	4.10	113	114348	61.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.64%	
50) Toluene-d8	7.54	98	223889	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.64%	
62) 4-Bromofluorobenzene	11.40	95	78569	32.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.82%	
Target Compounds						
16) Acetone	2.23	43	29657	94.740	ug/l	93
25) 2-Butanone	4.32	43	87225	167.559	ug/l	100
86) p-Isopropyltoluene	12.45	119	11187	2.849	ug/l	98

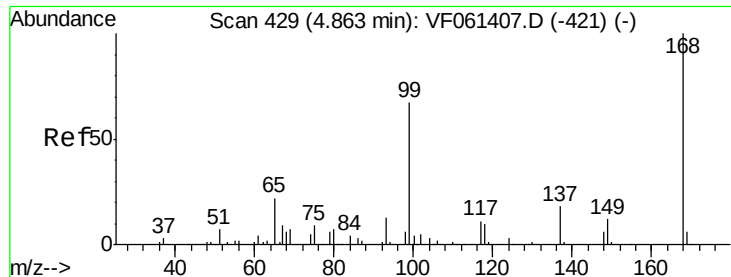
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

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Acq: 23 Jan 2019 15:48

Instrument :

MSVOA_F

ClientSampleId :

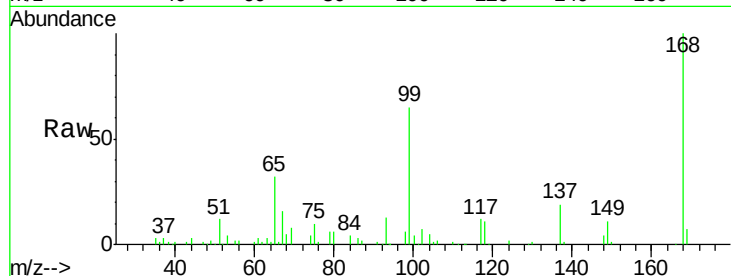
TS-N

Tot Ion:168 Resp: 126386

Ion Ratio Lower Upper

168 100

99 65.4 53.5 80.3

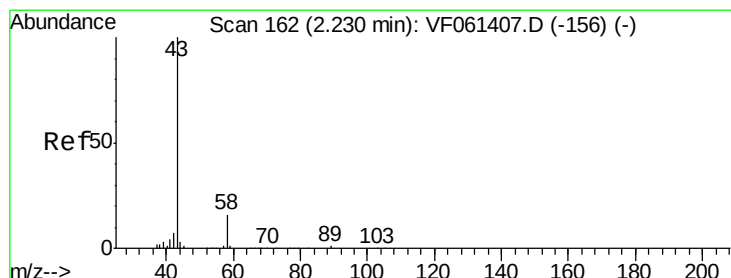
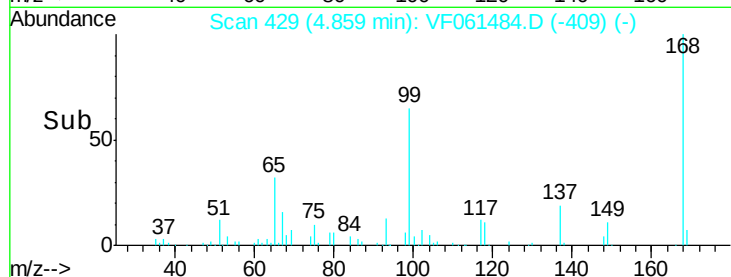


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

Time-->



#16

Acetone

Concen: 94.740 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF061484.D

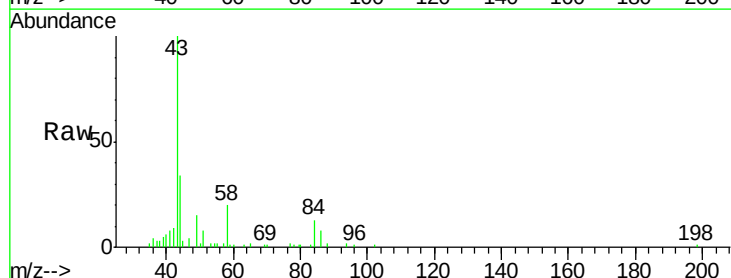
Acq: 23 Jan 2019 15:48

Tgt Ion: 43 Resp: 29657

Ion Ratio Lower Upper

43 100

58 19.6 13.3 19.9

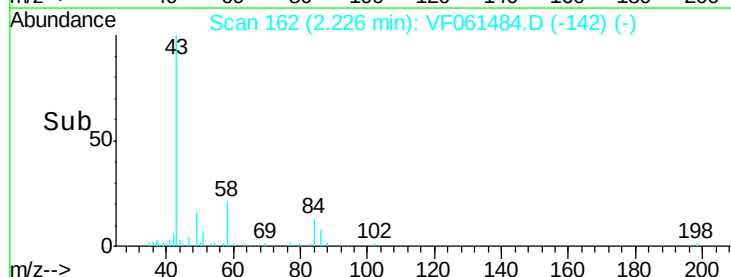


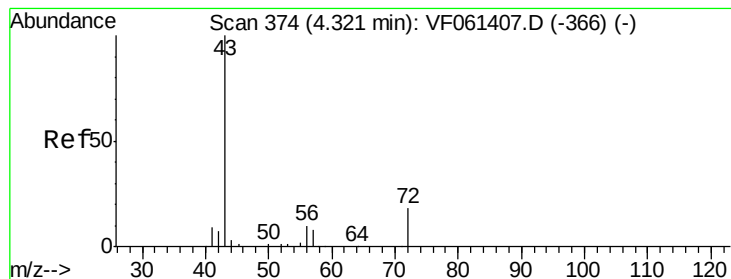
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

Time-->





#25

2-Butanone

Concen: 167.559 ug/l

RT: 4.32 min Scan# 374

Delta R.T. -0.00 min

Lab File: VF061484.D

Acq: 23 Jan 2019 15:48

Instrument :

MSVOA_F

ClientSampleId :

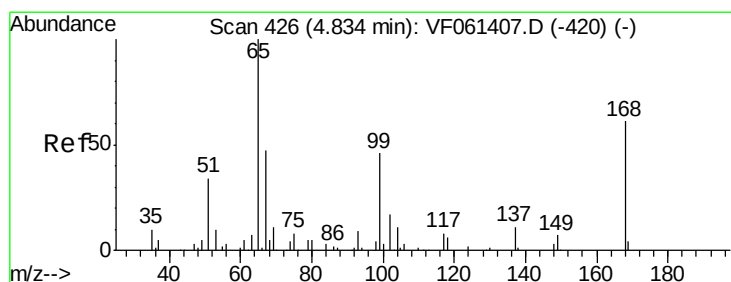
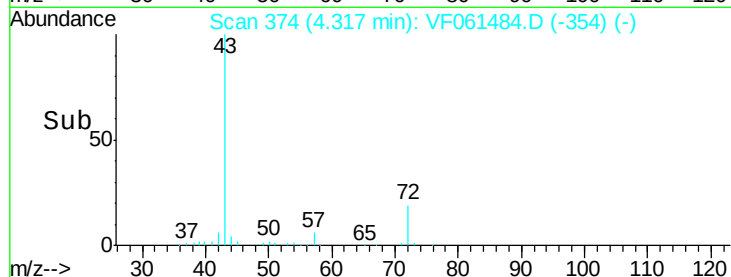
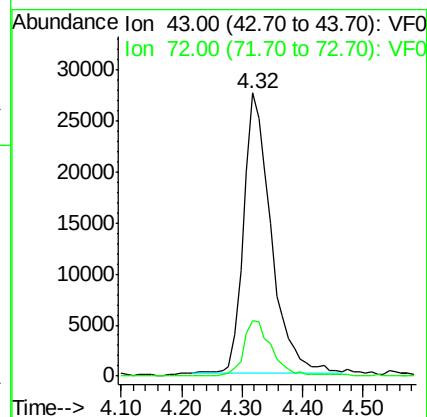
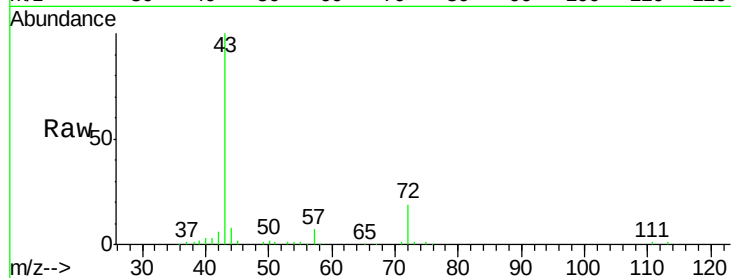
TS-N

Tot Ion: 43 Resp: 87225

Ion Ratio Lower Upper

43 100

72 19.5 15.8 23.6



#33

1,2-Dichloroethane-d4

Concen: 64.332 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.00 min

Lab File: VF061484.D

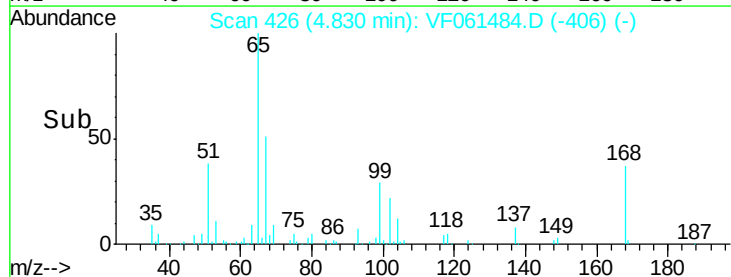
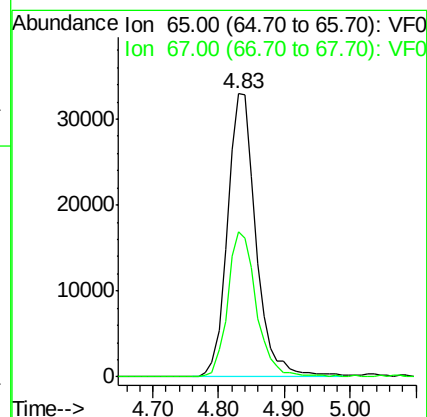
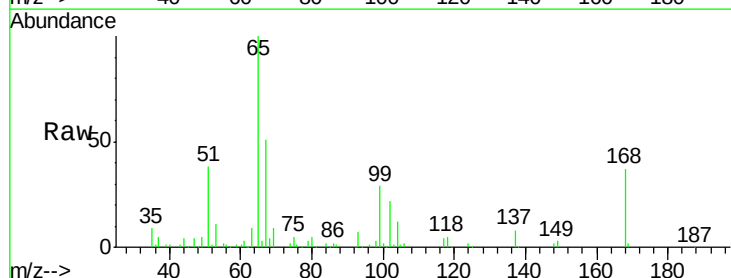
Acq: 23 Jan 2019 15:48

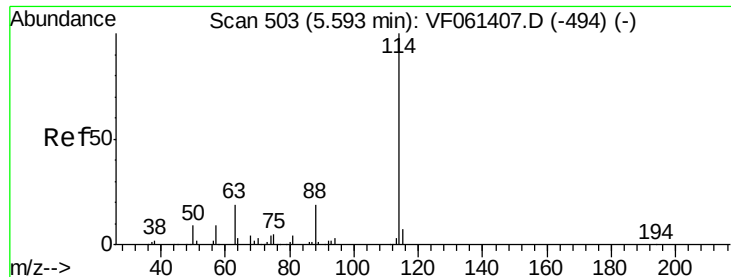
Tgt Ion: 65 Resp: 100383

Ion Ratio Lower Upper

65 100

67 51.3 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: VF061484.D

Acq: 23 Jan 2019 15:48

Instrument :

MSVOA_F

ClientSampleId :

TS-N

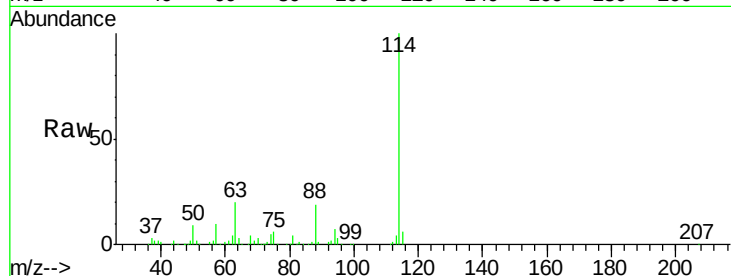
Tot Ion:114 Resp: 236317

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

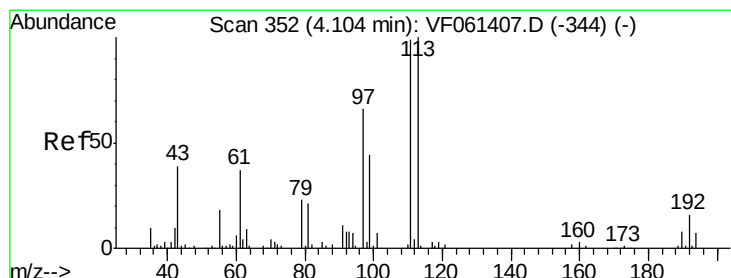
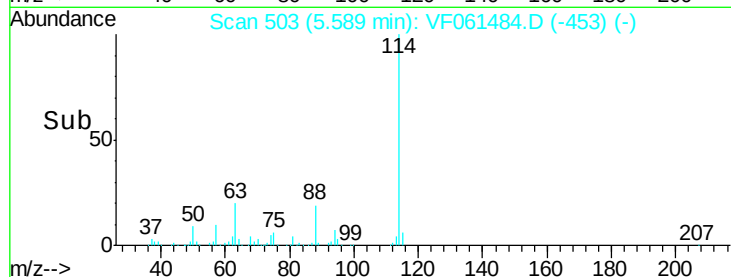
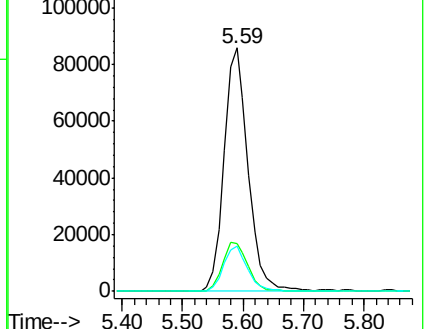
88 18.7 0.0 37.4



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: 61.321 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.00 min

Lab File: VF061484.D

Acq: 23 Jan 2019 15:48

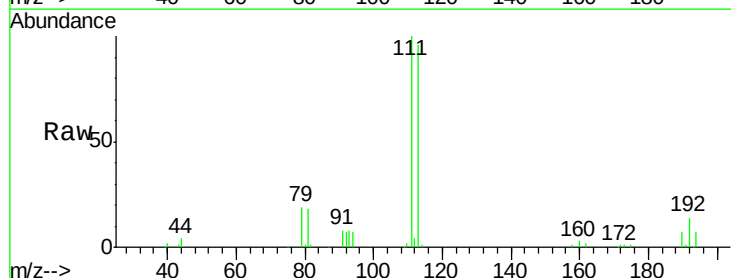
Tgt Ion:113 Resp: 114348

Ion Ratio Lower Upper

113 100

111 104.6 79.4 119.0

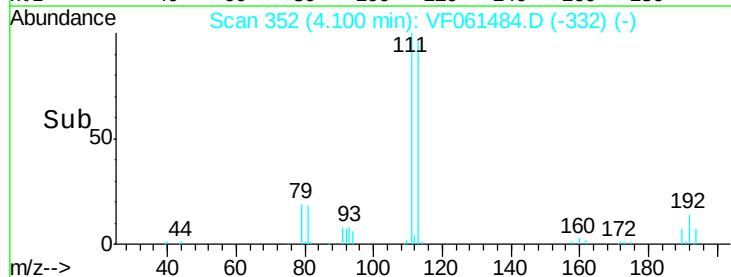
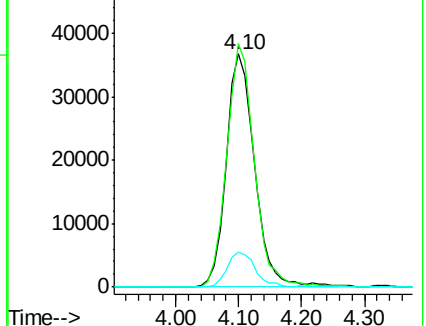
192 15.0 12.4 18.6

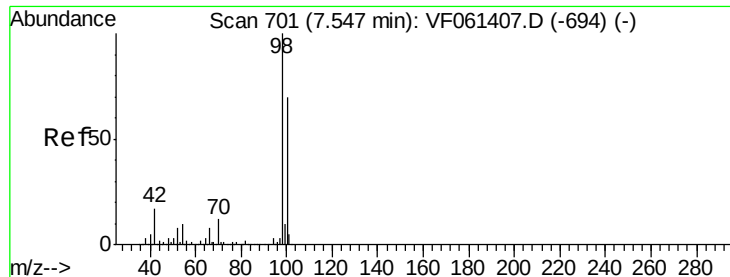


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 43.822 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF061484.D

Acq: 23 Jan 2019 15:48

Instrument :

MSVOA_F

ClientSampleId :

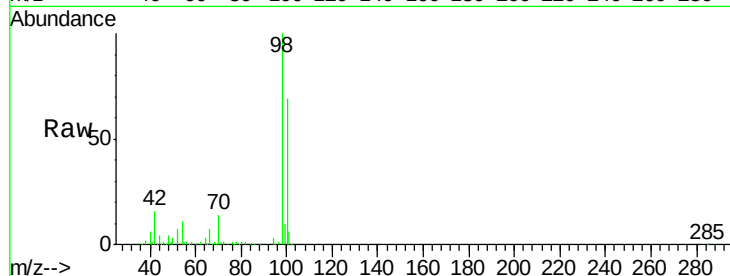
TS-N

Tot Ion: 98 Resp: 223889

Ion Ratio Lower Upper

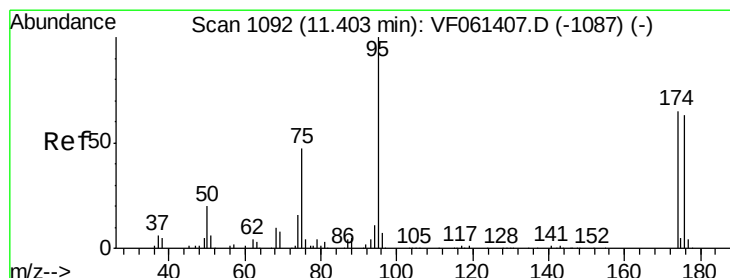
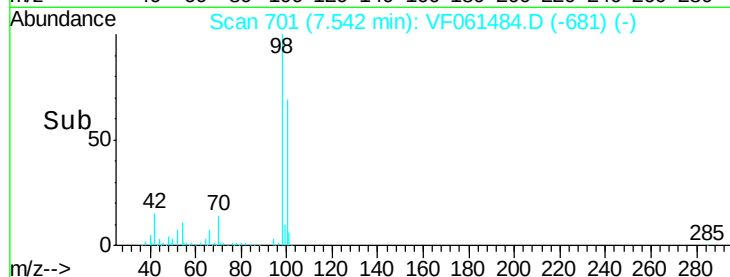
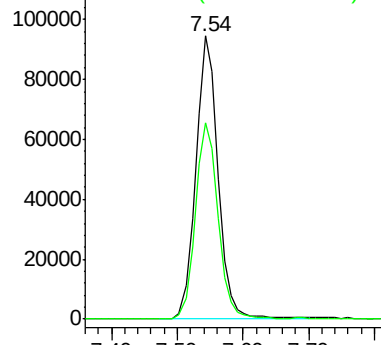
98 100

100 69.2 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 32.914 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VF061484.D

Acq: 23 Jan 2019 15:48

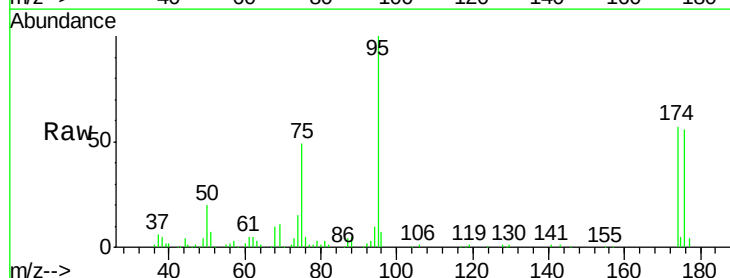
Tgt Ion: 95 Resp: 78569

Ion Ratio Lower Upper

95 100

174 56.8 0.0 130.4

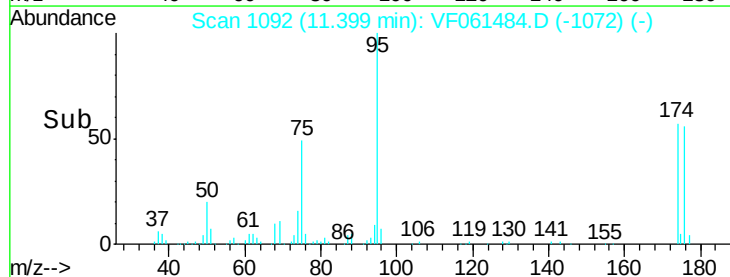
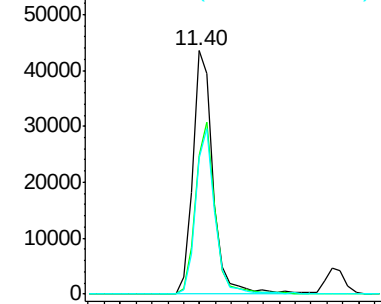
176 55.6 0.0 126.2

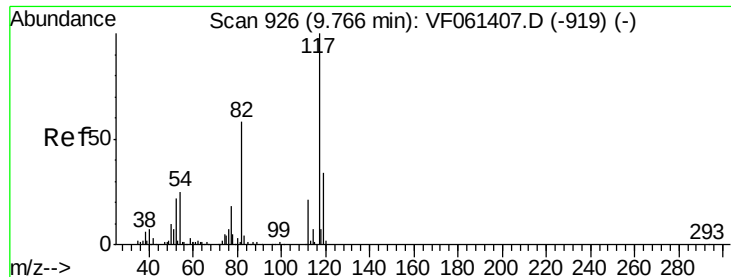


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. 0.01 min

Lab File: VF061484.D

Acq: 23 Jan 2019 15:48

Instrument :

MSVOA_F

ClientSampleId :

TS-N

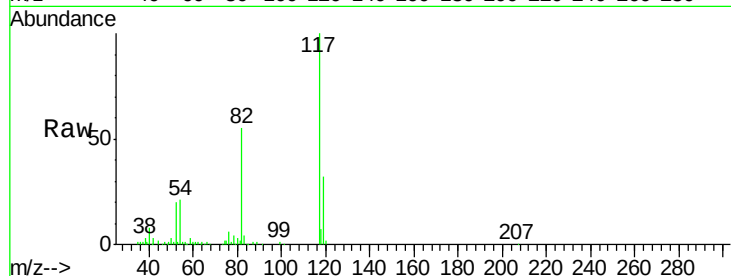
Tot Ion:117 Resp: 161474

Ion Ratio Lower Upper

117 100

82 55.1 46.4 69.6

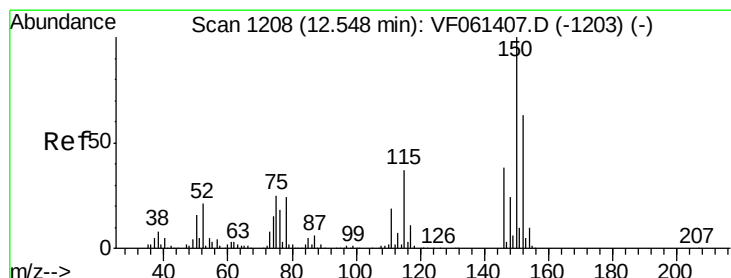
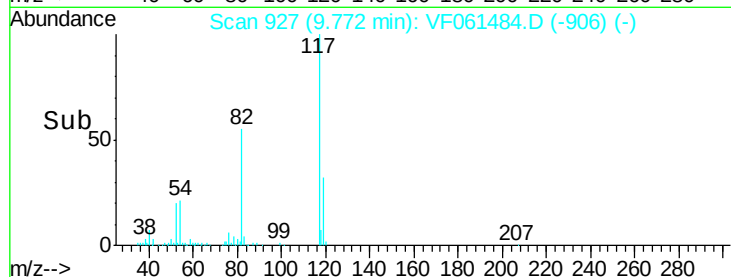
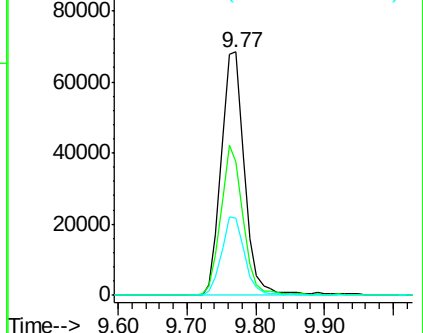
119 31.8 27.2 40.8



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# 1208

Delta R.T. -0.00 min

Lab File: VF061484.D

Acq: 23 Jan 2019 15:48

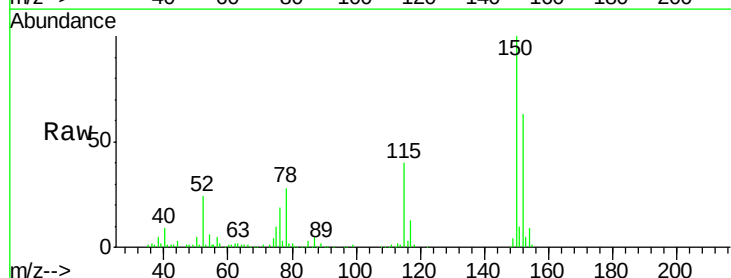
Tgt Ion:152 Resp: 51842

Ion Ratio Lower Upper

152 100

115 62.8 30.0 90.0

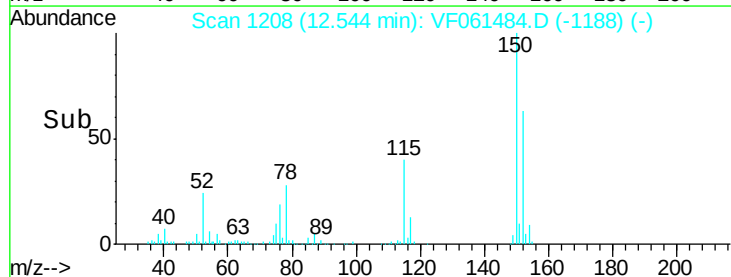
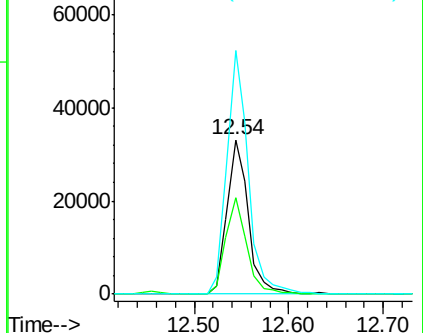
150 157.6 0.0 321.4

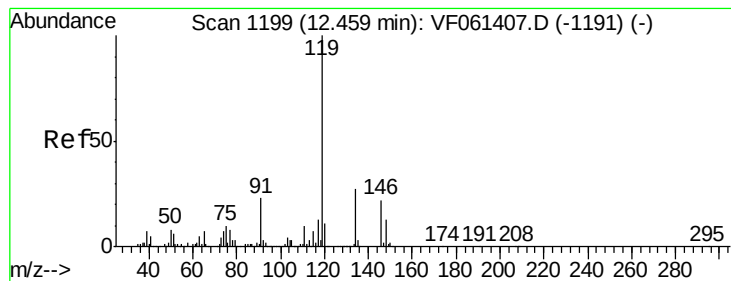


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#86

p-Isopropyltoluene

Concen: 2.849 ug/l

RT: 12.45 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VF061484.D

Acq: 23 Jan 2019 15:48

Instrument :

MSVOA_F

ClientSampleId :

TS-N

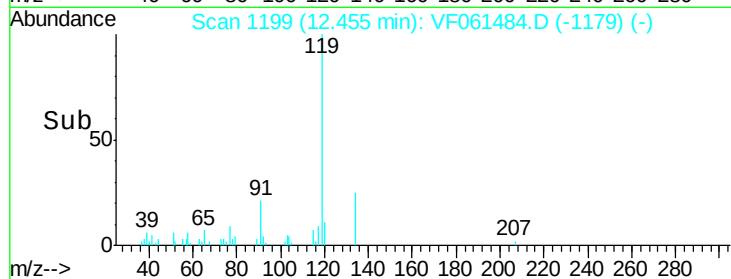
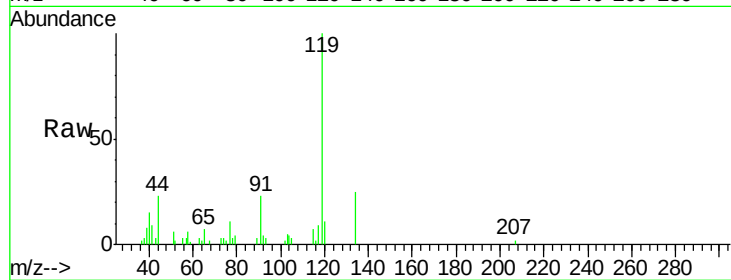
Tot Ion:119 Resp: 11187

Ion Ratio Lower Upper

119 100

134 24.7 13.4 40.2

91 22.8 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

