

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061488.D
 Acq On : 23 Jan 2019 17:43
 Operator : VA/AP
 Sample : K1223-06
 Misc : 4.98g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-R

Quant Time: Jan 24 03:30:19 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

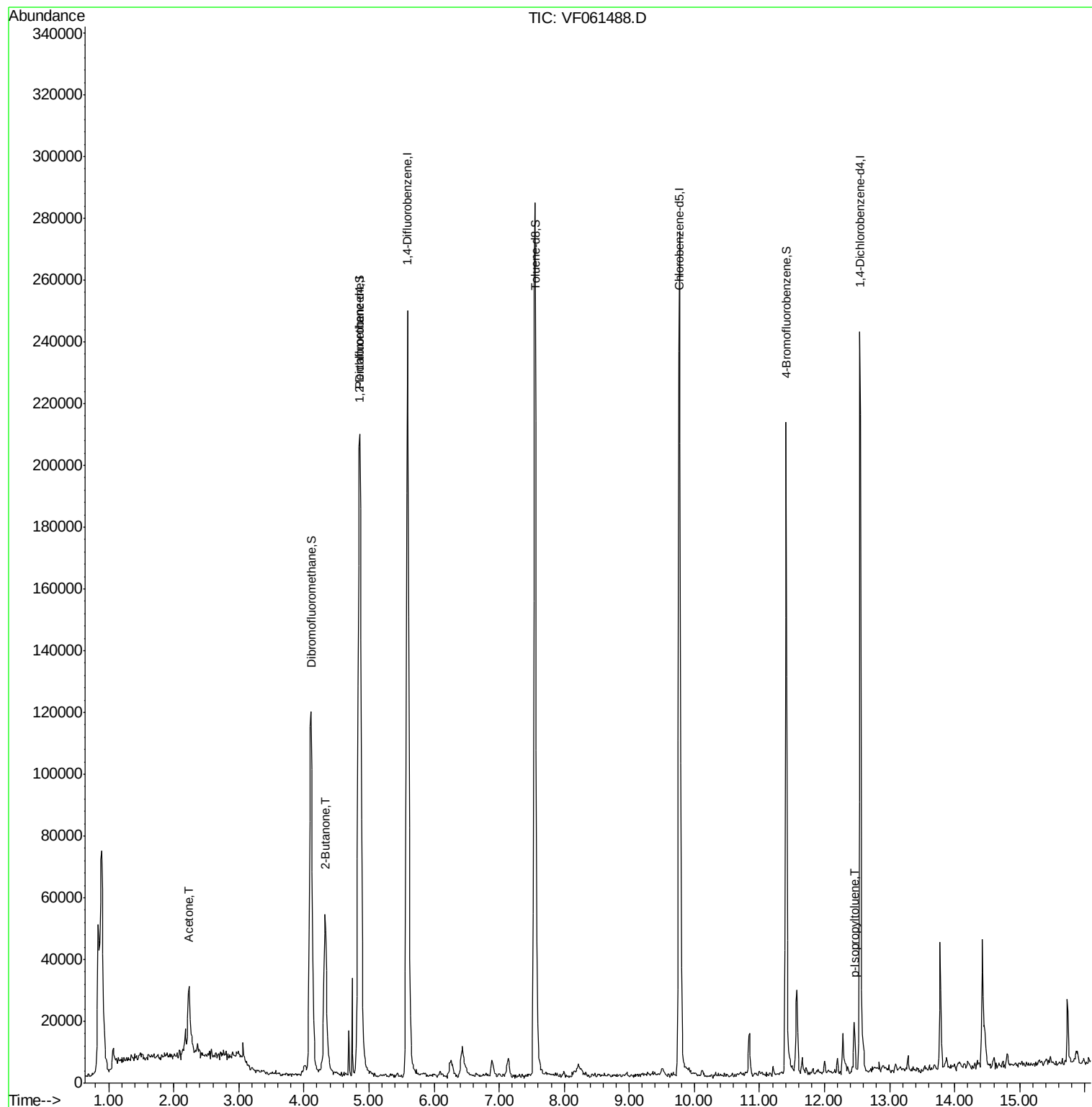
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	148841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	271471	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	197479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	60038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	106937	58.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.38%	
35) Dibromofluoromethane	4.11	113	115301	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
50) Toluene-d8	7.55	98	247017	42.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.18%	
62) 4-Bromofluorobenzene	11.41	95	81801	29.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.66%	
Target Compounds						
16) Acetone	2.24	43	34581	93.804	ug/l	96
25) 2-Butanone	4.33	43	117828	192.199	ug/l	97
86) p-Isopropyltoluene	12.46	119	7704	1.694	ug/l	90

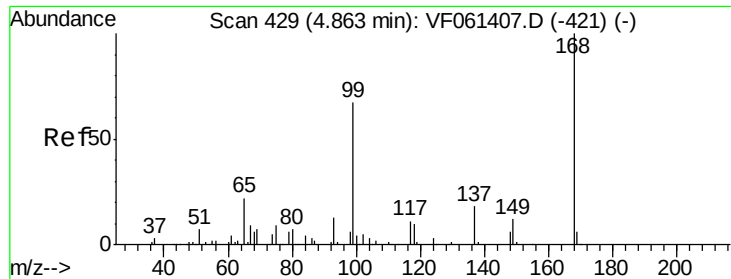
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.87 min Scan# 430

Delta R.T. 0.01 min

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Acq: 23 Jan 2019 17:43

Instrument :

MSVOA_F

ClientSampleId :

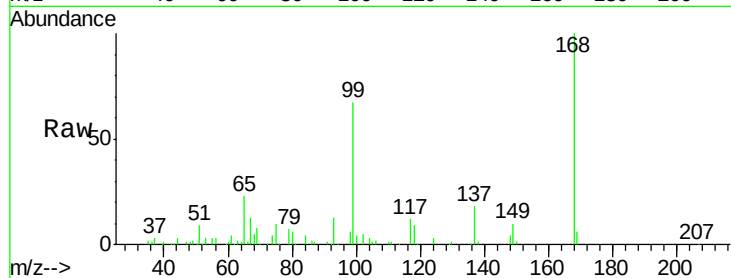
TS-R

Tot Ion:168 Resp: 148841

Ion Ratio Lower Upper

168 100

99 66.7 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

50000

40000

30000

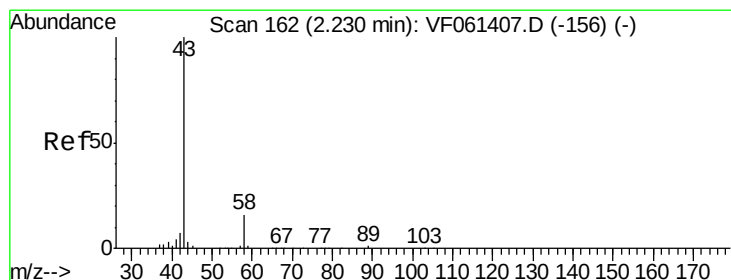
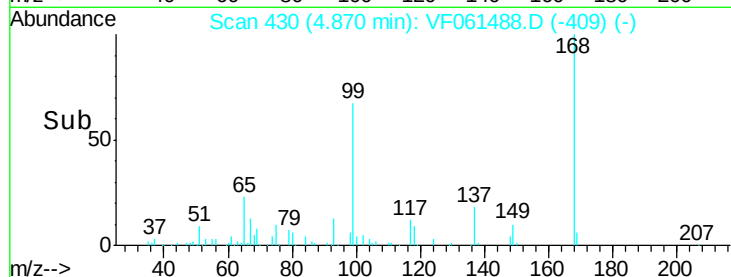
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 93.804 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061488.D

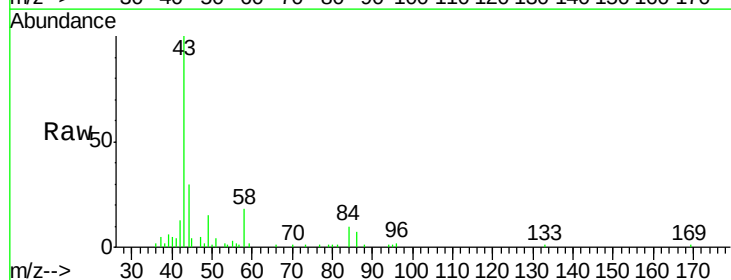
Acq: 23 Jan 2019 17:43

Tgt Ion: 43 Resp: 34581

Ion Ratio Lower Upper

43 100

58 18.3 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

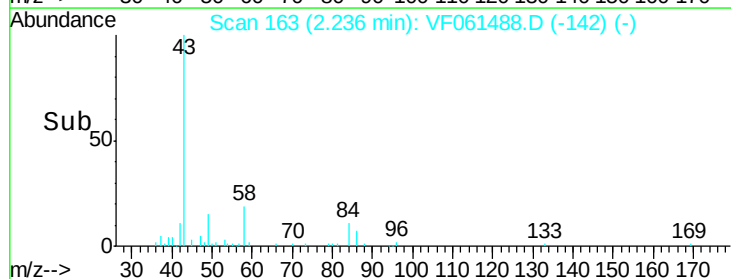
10000

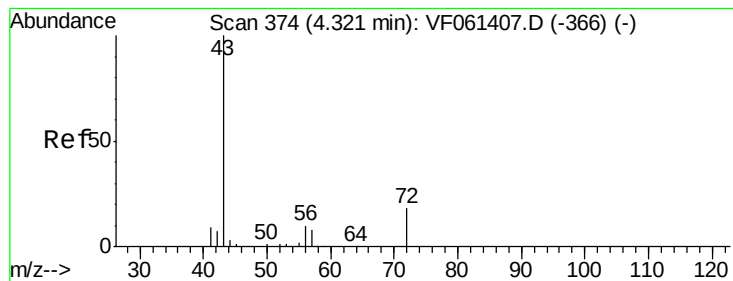
5000

0

Time-->

2.10 2.20 2.30





#25

2-Butanone

Concen: 192.199 ug/l

RT: 4.33 min Scan# 375

Delta R.T. 0.01 min

Lab File: VF061488.D

Acq: 23 Jan 2019 17:43

Instrument :

MSVOA_F

ClientSampleId :

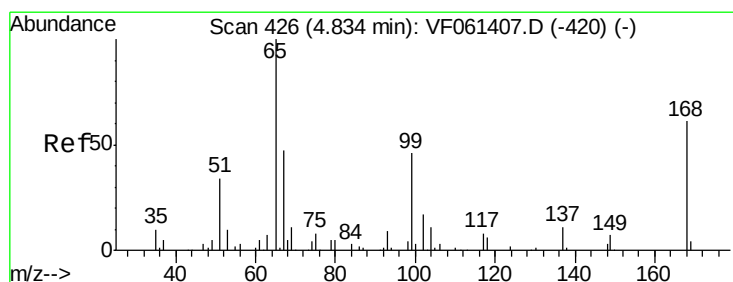
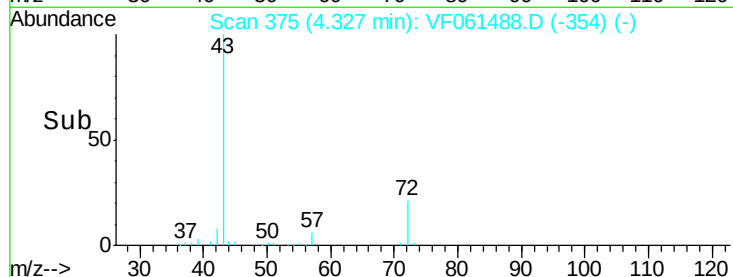
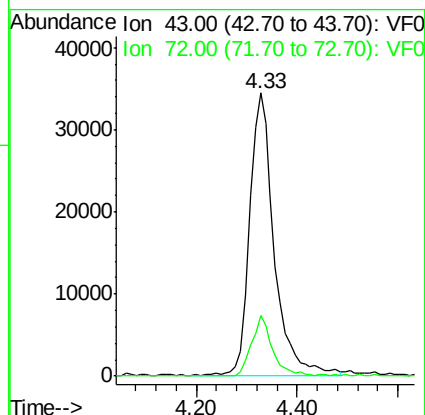
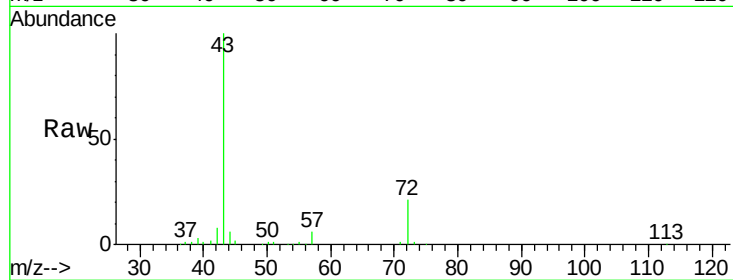
TS-R

Tot Ion: 43 Resp: 117828

Ion Ratio Lower Upper

43 100

72 21.3 15.8 23.6



#33

1,2-Dichloroethane-d4

Concen: 58.193 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.01 min

Lab File: VF061488.D

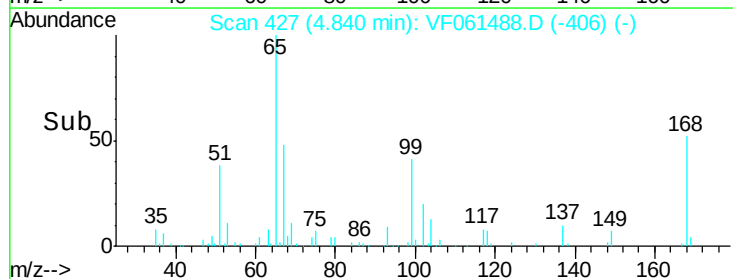
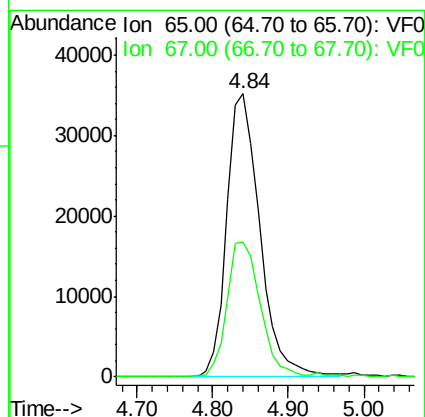
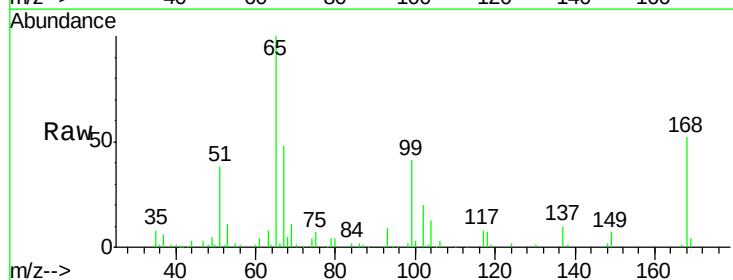
Acq: 23 Jan 2019 17:43

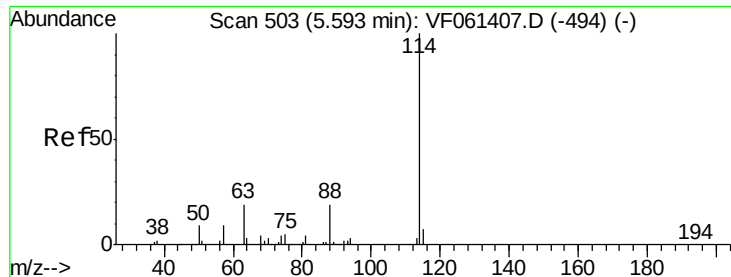
Tgt Ion: 65 Resp: 106937

Ion Ratio Lower Upper

65 100

67 47.8 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: VF061488.D

Acq: 23 Jan 2019 17:43

Instrument :

MSVOA_F

ClientSampleId :

TS-R

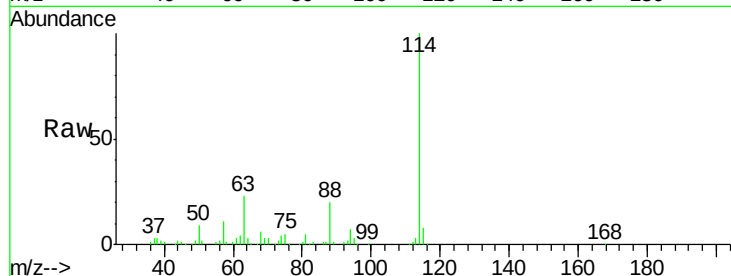
Tot Ion:114 Resp: 271471

Ion Ratio Lower Upper

114 100

63 22.7 0.0 39.0

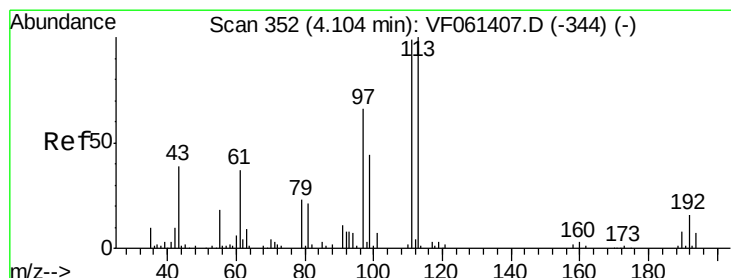
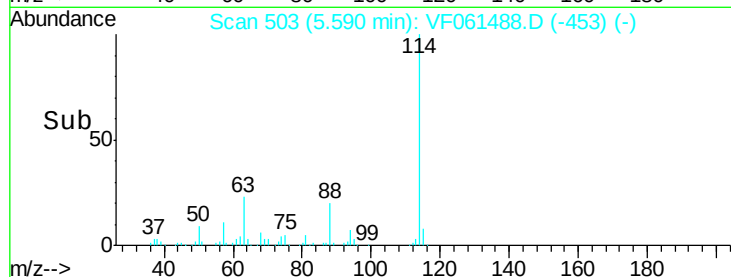
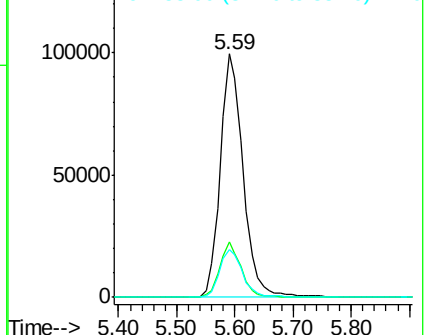
88 19.8 0.0 37.4



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: 53.825 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.01 min

Lab File: VF061488.D

Acq: 23 Jan 2019 17:43

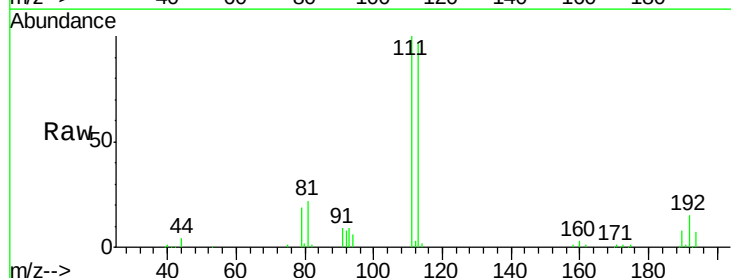
Tgt Ion:113 Resp: 115301

Ion Ratio Lower Upper

113 100

111 102.6 79.4 119.0

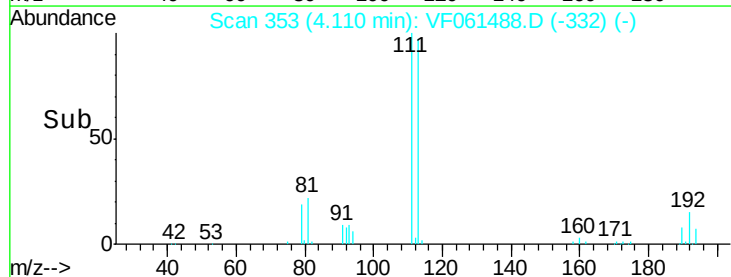
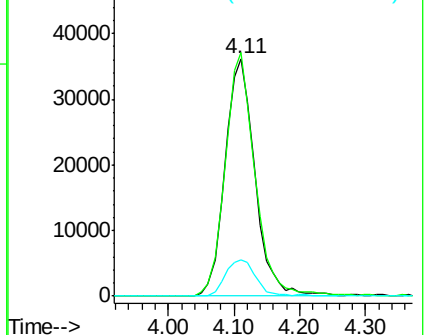
192 15.4 12.4 18.6

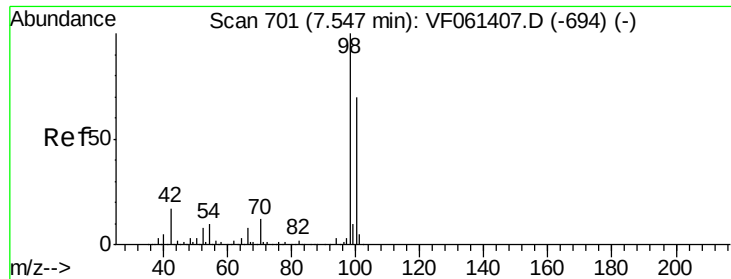


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

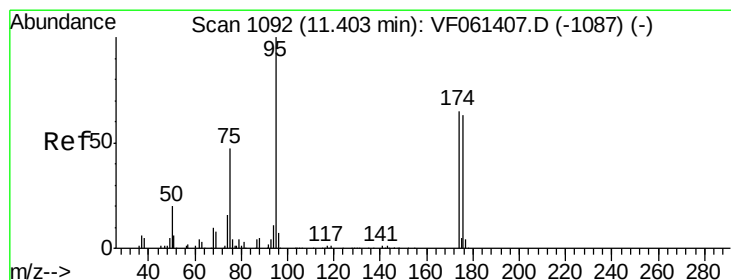
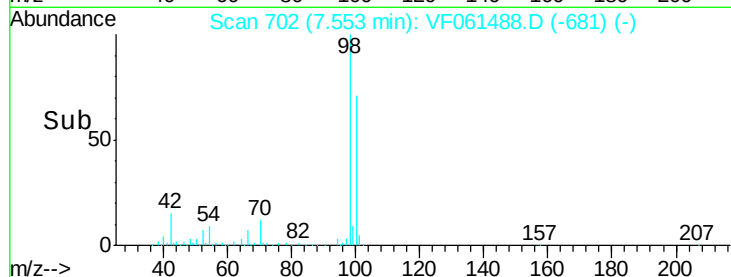
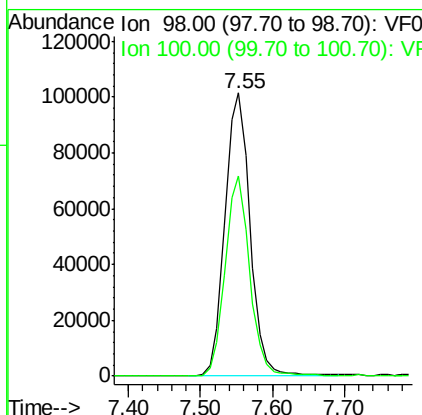
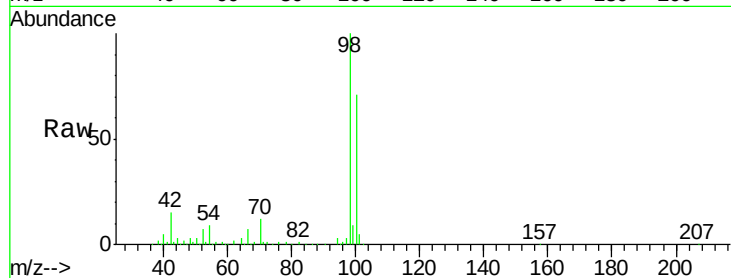




#50
Toluene-d8
Concen: 42.088 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

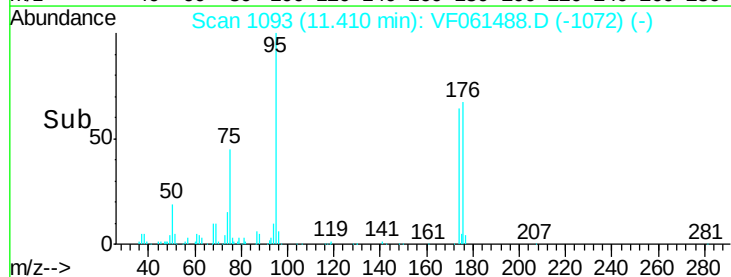
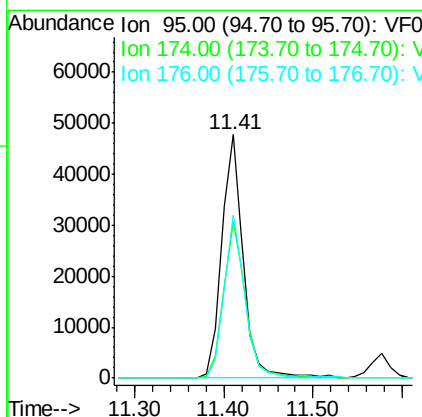
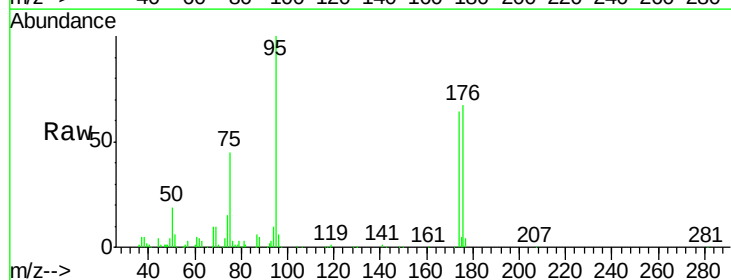
Instrument :
MSVOA_F
ClientSampleId :
TS-R

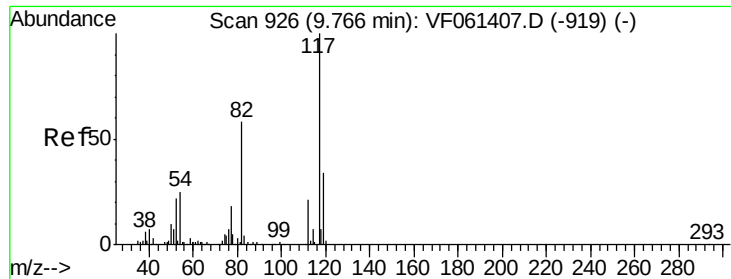
Tot Ion: 98 Resp: 247017
Ion Ratio Lower Upper
98 100
100 70.6 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 29.830 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion: 95 Resp: 81801
Ion Ratio Lower Upper
95 100
174 64.2 0.0 130.4
176 66.8 0.0 126.2

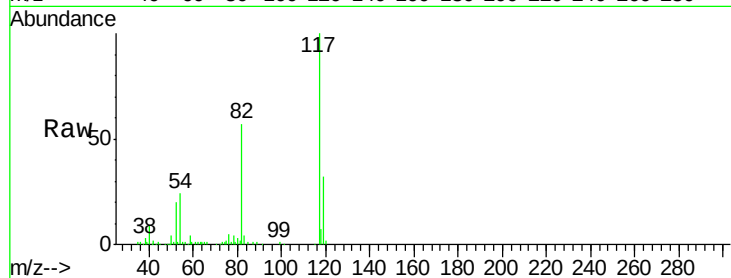




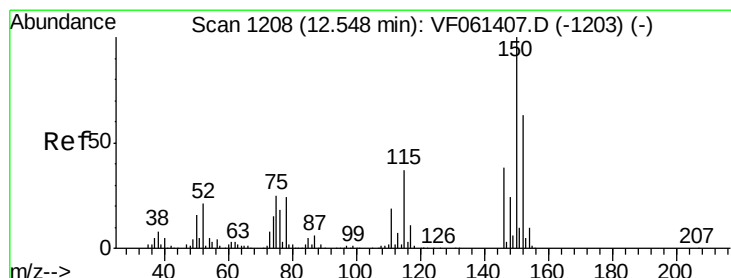
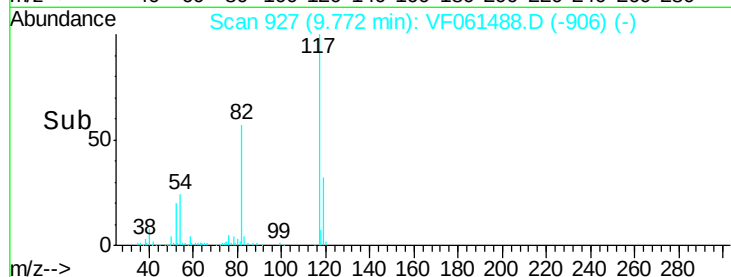
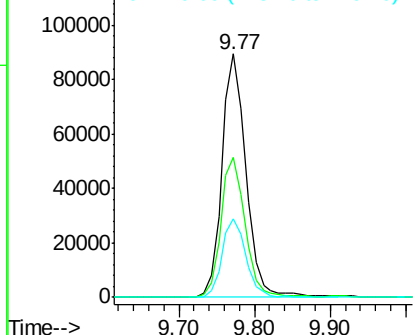
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Instrument :
MSVOA_F
ClientSampleId :
TS-R

Tot Ion:117 Resp: 197479
Ion Ratio Lower Upper
117 100
82 57.3 46.4 69.6
119 32.1 27.2 40.8

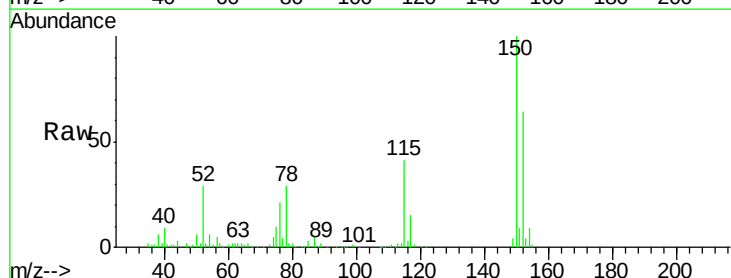


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

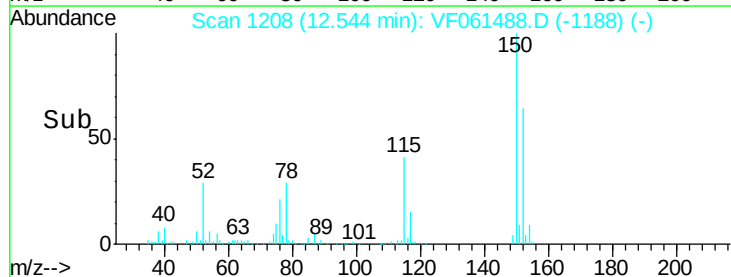
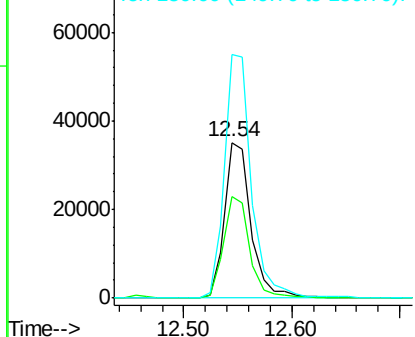


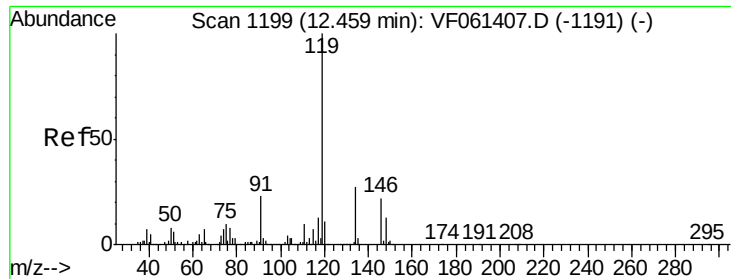
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion:152 Resp: 60038
Ion Ratio Lower Upper
152 100
115 65.0 30.0 90.0
150 156.7 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: 1.694 ug/l

RT: 12.46 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VF061488.D

Acq: 23 Jan 2019 17:43

Instrument :

MSVOA_F

ClientSampleId :

TS-R

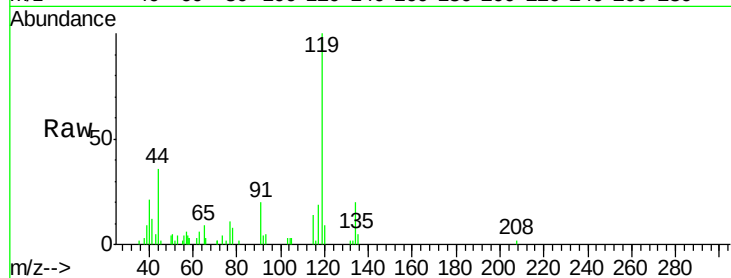
Tot Ion:119 Resp: 7704

Ion Ratio Lower Upper

119 100

134 19.8 13.4 40.2

91 20.0 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

