

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061490.D
 Acq On : 23 Jan 2019 18:41
 Operator : VA/AP
 Sample : K1223-08
 Misc : 5.38g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-T

Quant Time: Jan 24 03:42:17 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

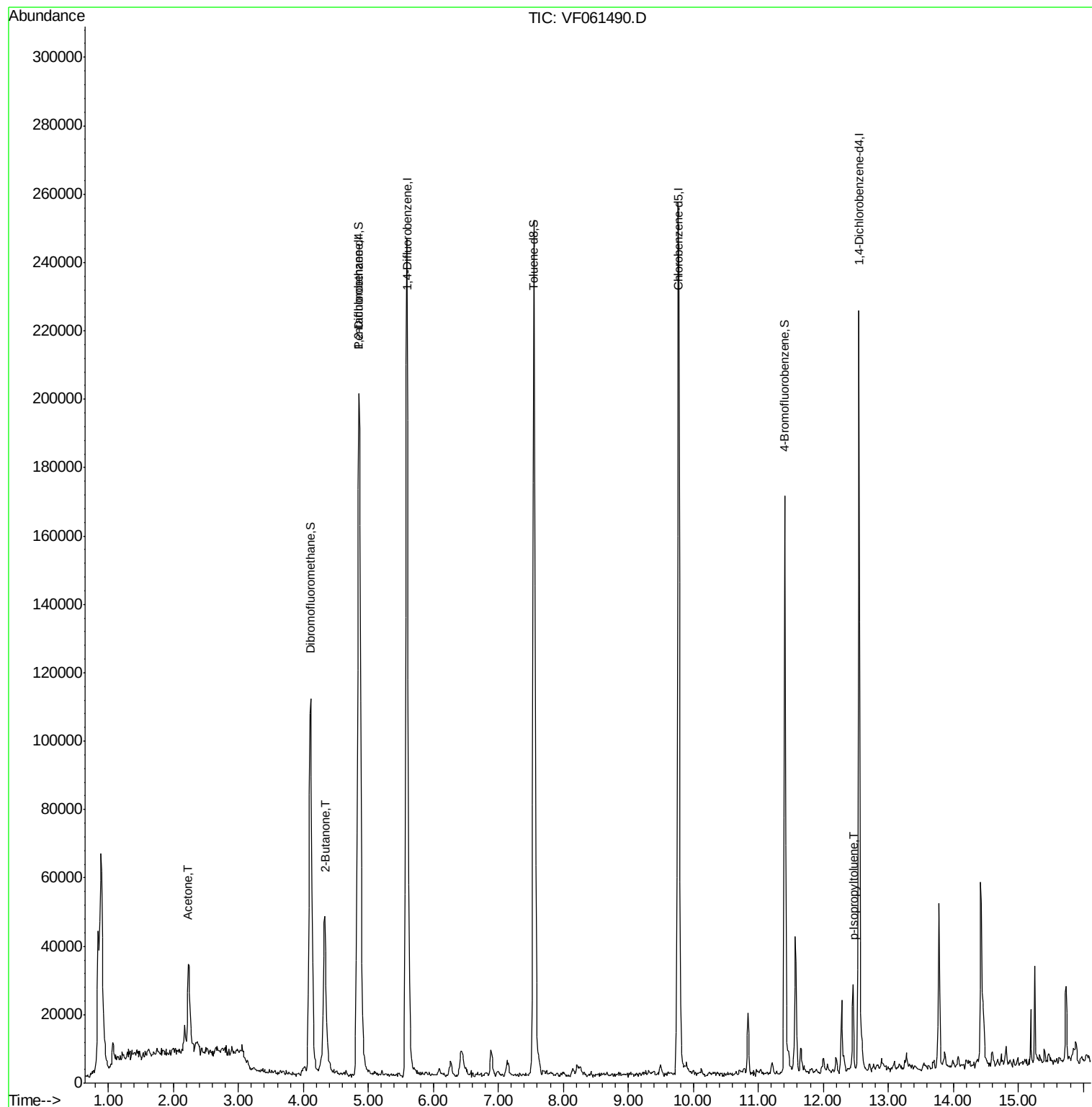
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	142138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	265843	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	180744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	52409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	93258	53.14	ug/l	0.01
Spiked Amount 50.000			Recovery	=	106.28%	
35) Dibromofluoromethane	4.11	113	107362	51.18	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.36%	
50) Toluene-d8	7.55	98	214082	37.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.50%	
62) 4-Bromofluorobenzene	11.40	95	70605	26.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.58%	
Target Compounds						
16) Acetone	2.23	43	36197	102.818	ug/l	94
25) 2-Butanone	4.33	43	99118	169.305	ug/l	96
86) p-Isopropyltoluene	12.46	119	13105	3.302	ug/l	98

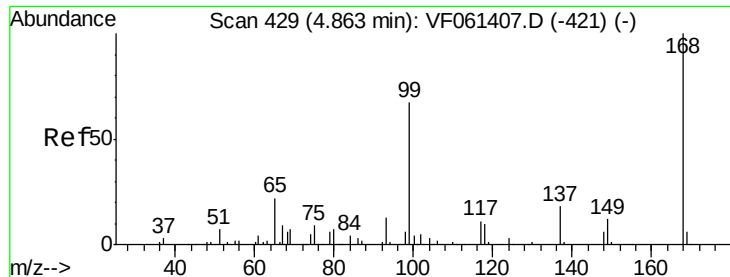
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF061490.D

Acq: 23 Jan 2019 18:41

Instrument :

MSVOA_F

ClientSampled :

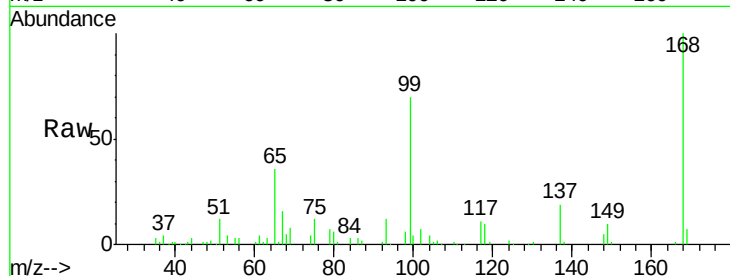
TS-T

Tot Ion:168 Resp: 142138

Ion Ratio Lower Upper

168 100

99 69.9 53.5 80.3



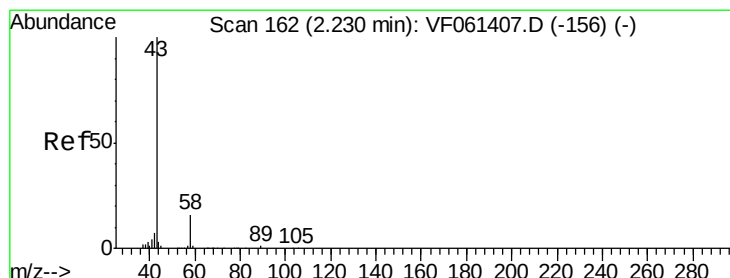
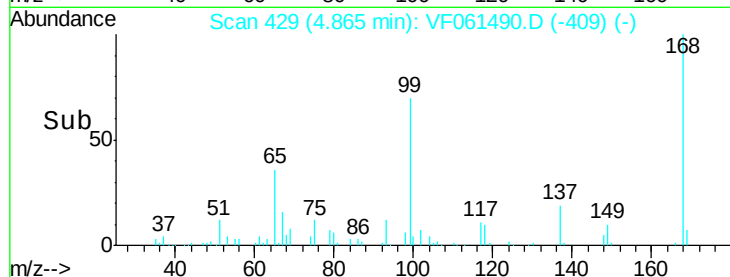
Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 102.818 ug/l

RT: 2.23 min Scan# 162

Delta R.T. 0.00 min

Lab File: VF061490.D

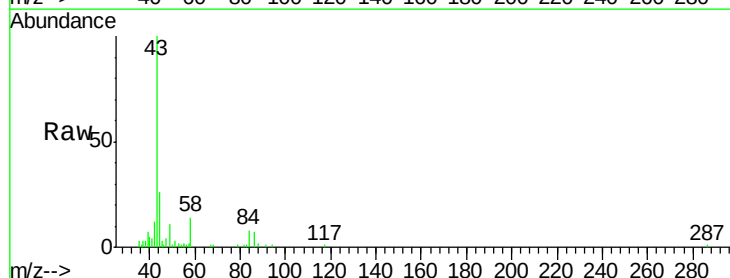
Acq: 23 Jan 2019 18:41

Tgt Ion: 43 Resp: 36197

Ion Ratio Lower Upper

43 100

58 14.2 13.3 19.9



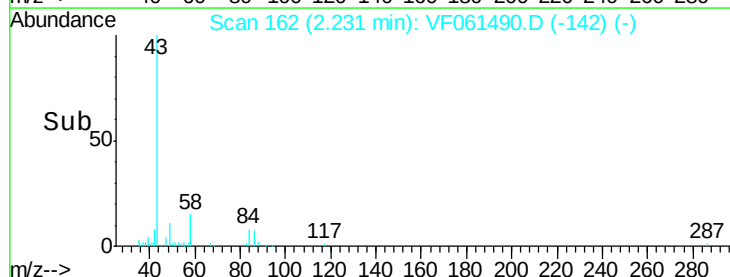
Abundance Ion 43.00 (42.70 to 43.70): VF0

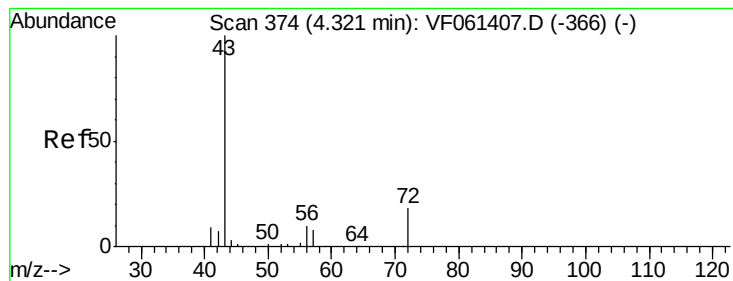
Ion 58.00 (57.70 to 58.70): VF0

2.23

Time-->

2.20 2.30





#25

2-Butanone

Concen: 169.305 ug/l

RT: 4.33 min Scan# 375

Delta R.T. 0.01 min

Lab File: VF061490.D

Acq: 23 Jan 2019 18:41

Instrument :

MSVOA_F

ClientSampleId :

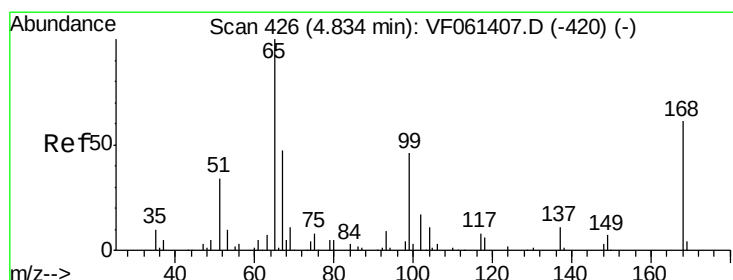
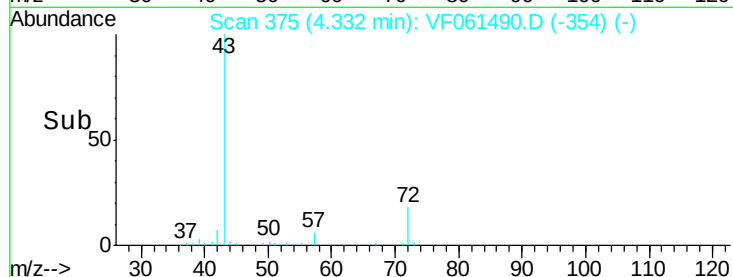
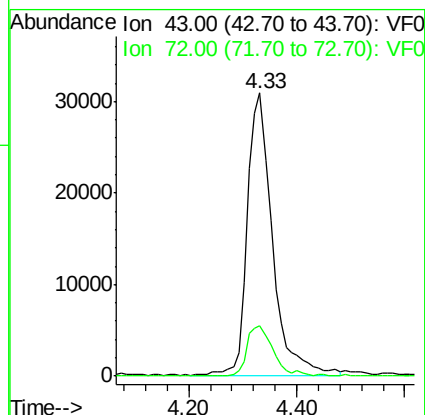
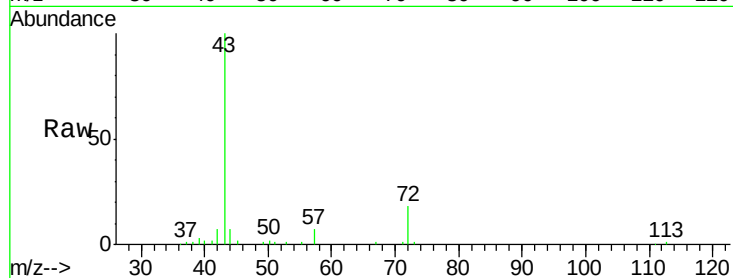
TS-T

Tot Ion: 43 Resp: 99118

Ion Ratio Lower Upper

43 100

72 17.8 15.8 23.6



#33

1,2-Dichloroethane-d4

Concen: 53.142 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.01 min

Lab File: VF061490.D

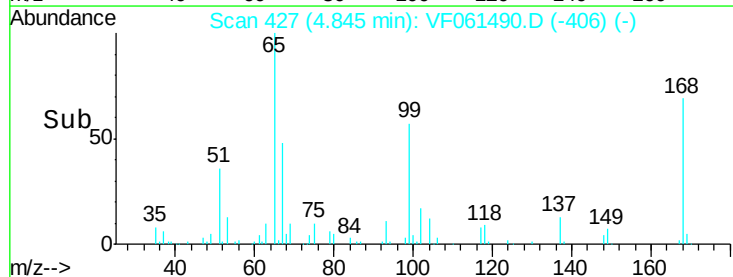
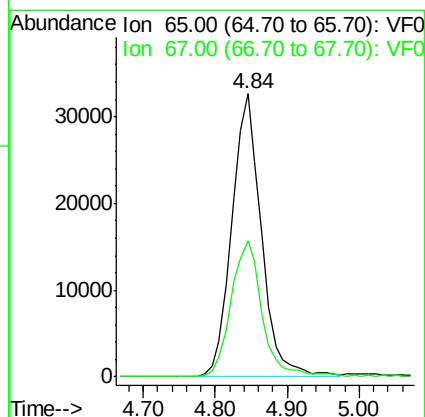
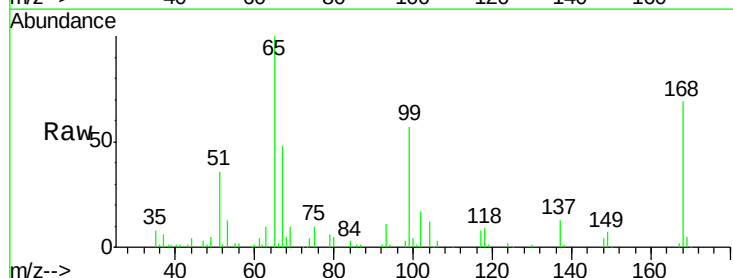
Acq: 23 Jan 2019 18:41

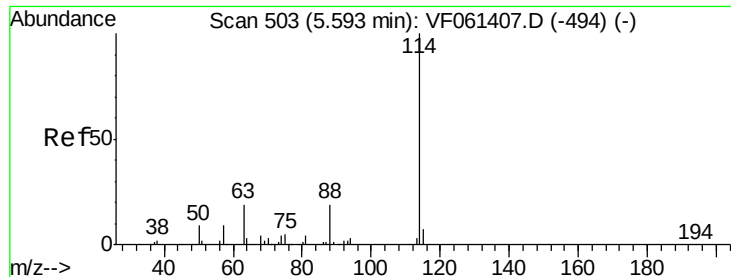
Tgt Ion: 65 Resp: 93258

Ion Ratio Lower Upper

65 100

67 48.1 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: VF061490.D

Acq: 23 Jan 2019 18:41

Instrument :

MSVOA_F

ClientSampled :

TS-T

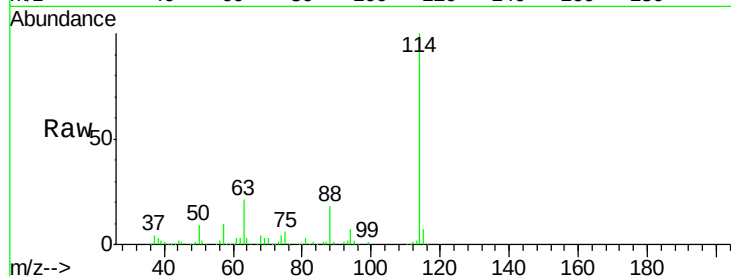
Tot Ion:114 Resp: 265843

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

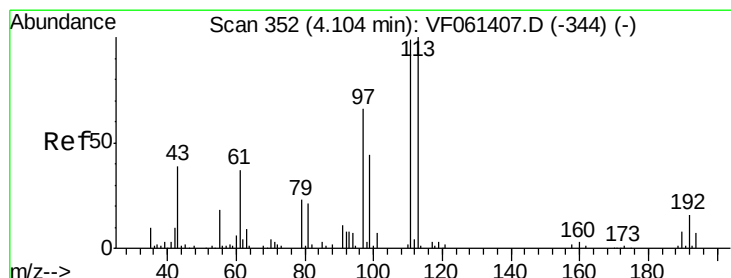
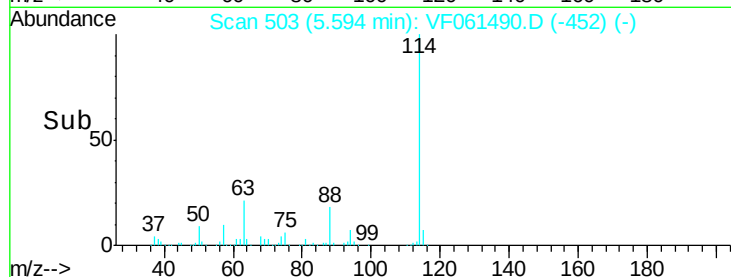
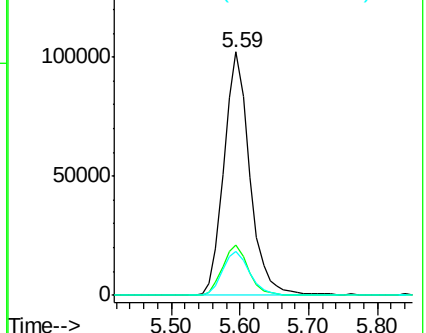
88 18.3 0.0 37.4



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: 51.180 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.01 min

Lab File: VF061490.D

Acq: 23 Jan 2019 18:41

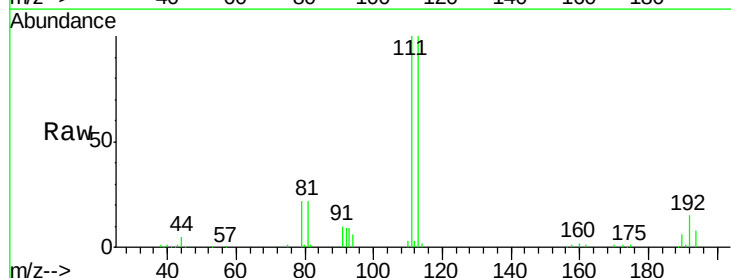
Tgt Ion:113 Resp: 107362

Ion Ratio Lower Upper

113 100

111 100.0 79.4 119.0

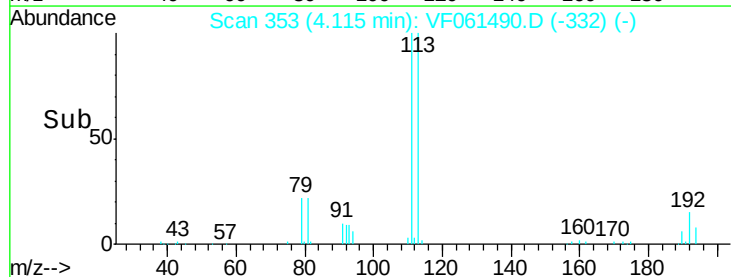
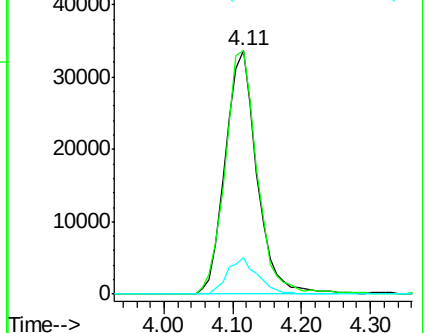
192 14.9 12.4 18.6

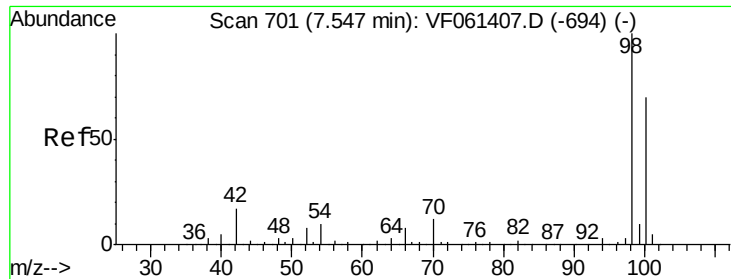


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

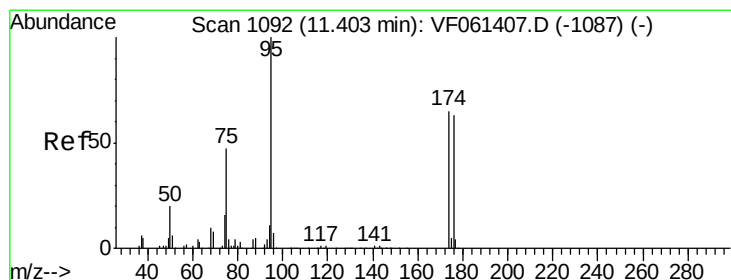
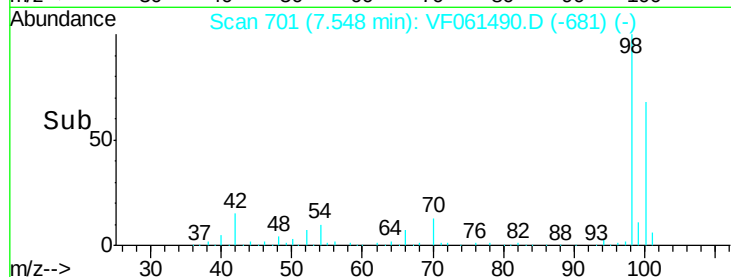
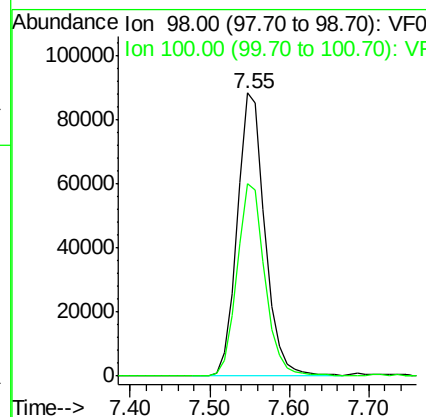
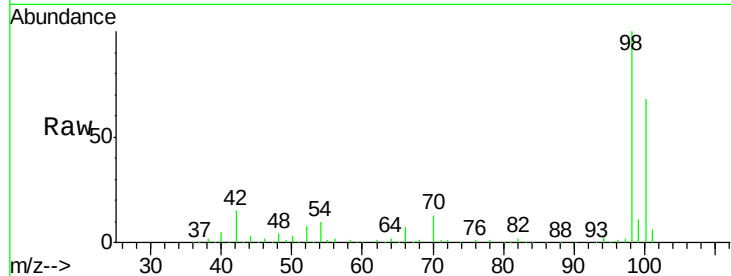




#50
Toluene-d8
Concen: 37.248 ug/l
RT: 7.55 min Scan# 701
Delta R.T. 0.00 min
Lab File: VF061490.D
Acq: 23 Jan 2019 18:41

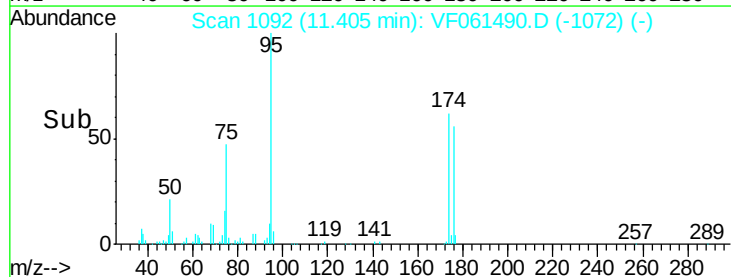
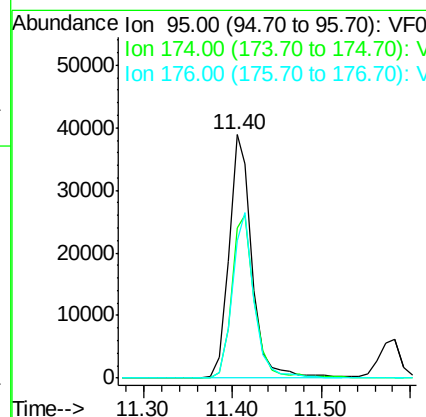
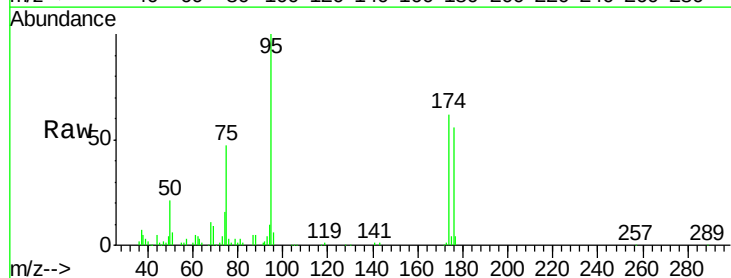
Instrument :
MSVOA_F
ClientSampled :
TS-T

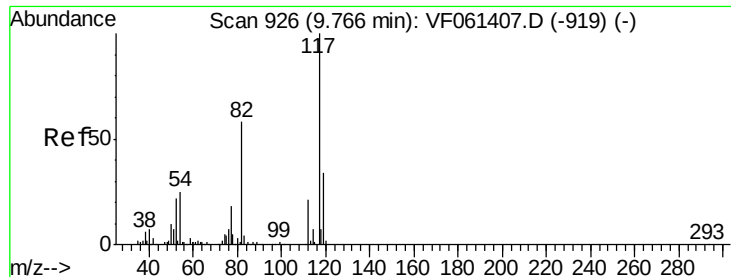
Tot Ion: 98 Resp: 214082
Ion Ratio Lower Upper
98 100
100 68.2 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 26.293 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VF061490.D
Acq: 23 Jan 2019 18:41

Tgt Ion: 95 Resp: 70605
Ion Ratio Lower Upper
95 100
174 61.9 0.0 130.4
176 56.2 0.0 126.2

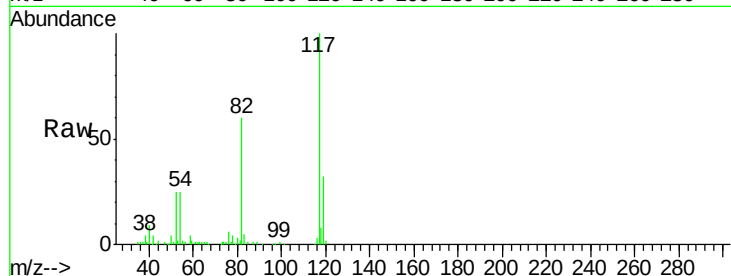




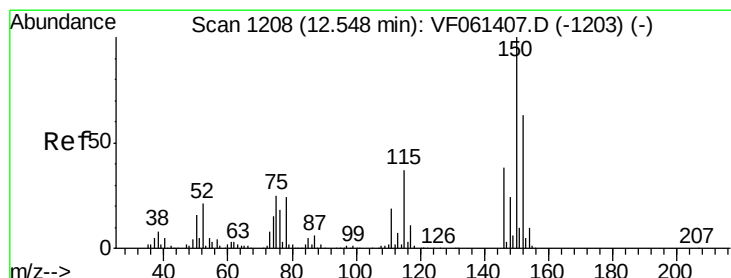
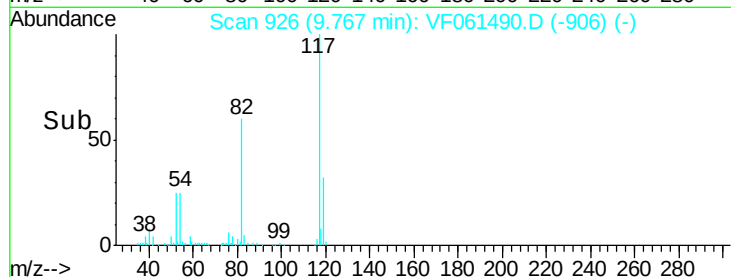
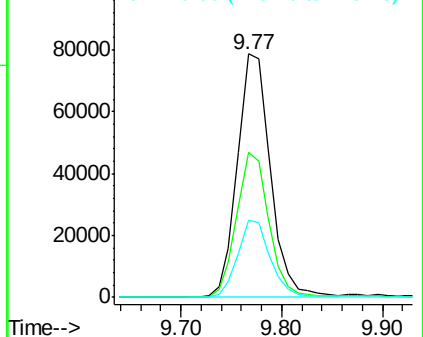
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. 0.00 min
Lab File: VF061490.D
Acq: 23 Jan 2019 18:41

Instrument :
MSVOA_F
ClientSampleId :
TS-T

Tot Ion:117 Resp: 180744
Ion Ratio Lower Upper
117 100
82 59.6 46.4 69.6
119 31.9 27.2 40.8

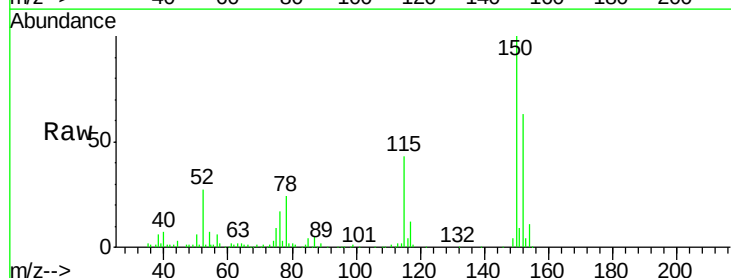


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

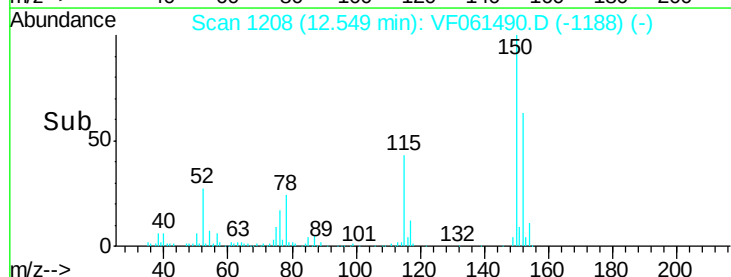
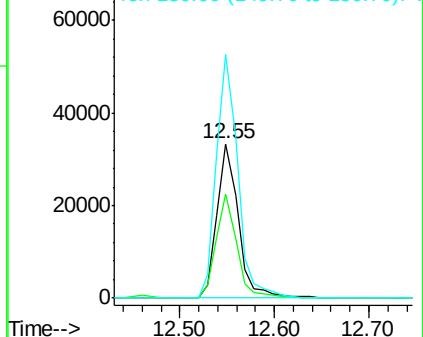


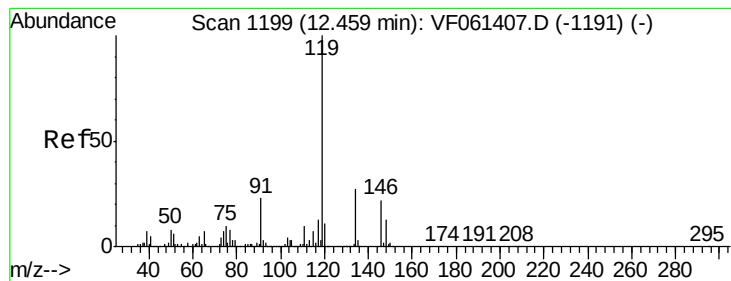
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VF061490.D
Acq: 23 Jan 2019 18:41

Tgt Ion:152 Resp: 52409
Ion Ratio Lower Upper
152 100
115 67.5 30.0 90.0
150 157.8 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: 3.302 ug/l

RT: 12.46 min Scan# 1199

Delta R.T. 0.00 min

Lab File: VF061490.D

Acq: 23 Jan 2019 18:41

Instrument :

MSVOA_F

ClientSampleId :

TS-T

Tot Ion:119 Resp: 13105

Ion Ratio Lower Upper

119 100

134 28.2 13.4 40.2

91 23.3 11.4 34.2

