

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
 Data File : VF061887.D
 Acq On : 11 Mar 2019 14:04
 Operator : VA/AP
 Sample : K1835-03
 Misc : 5.76g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3

Quant Time: Mar 12 05:31:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

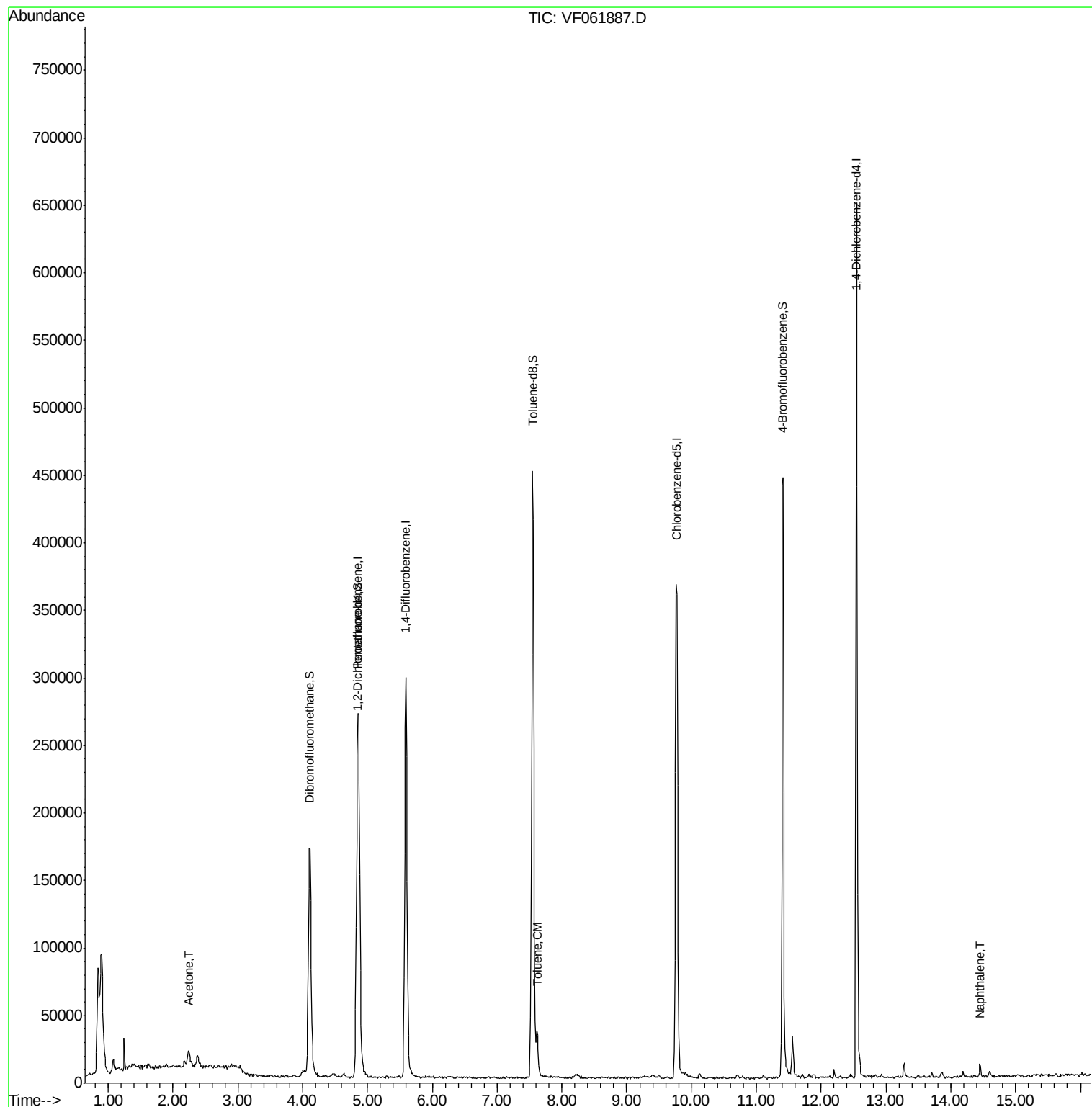
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	234875	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	365021	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	309193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	179912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	125097	73.14	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	146.28%	
35) Dibromofluoromethane	4.10	113	175571	68.92	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	137.84%	
50) Toluene-d8	7.55	98	412913	54.53	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	109.06%	
62) 4-Bromofluorobenzene	11.40	95	182888	61.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	123.32%	
Target Compounds						
16) Acetone	2.24	43	18372	51.276	ug/l	97
52) Toluene	7.61	92	17278	3.241	ug/l	98
95) Naphthalene	14.45	128	6844	1.022	ug/l #	89

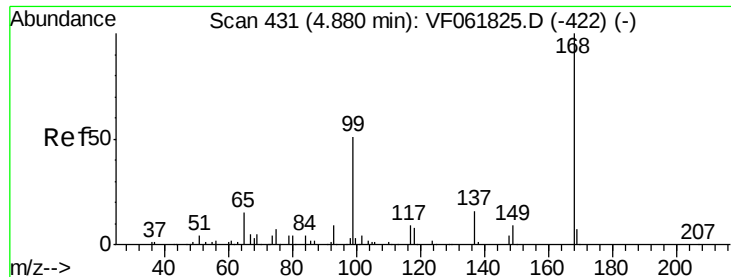
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061887.D

Acq: 11 Mar 2019 14:04

Instrument :

MSVOA_F

ClientSampled :

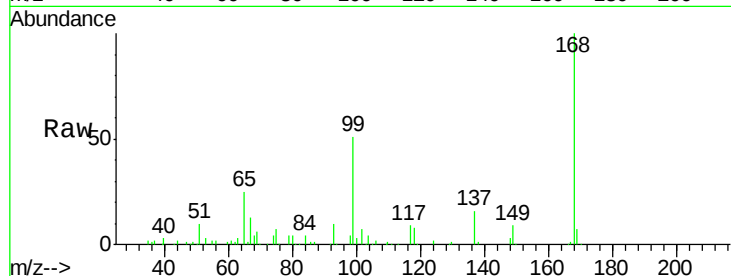
TP-3

Tot Ion:168 Resp: 234875

Ion Ratio Lower Upper

168 100

99 51.0 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

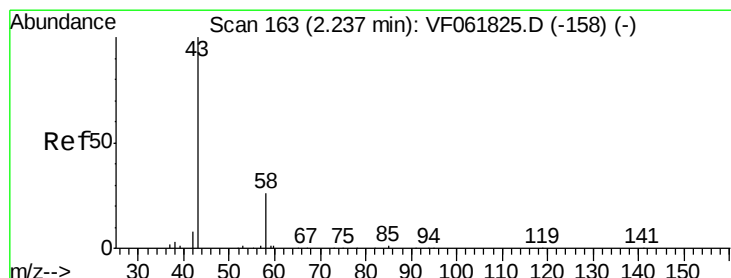
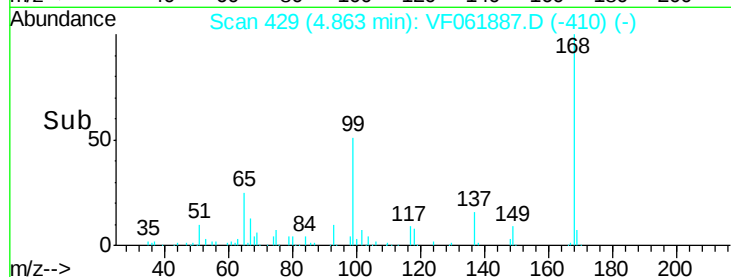
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 51.276 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061887.D

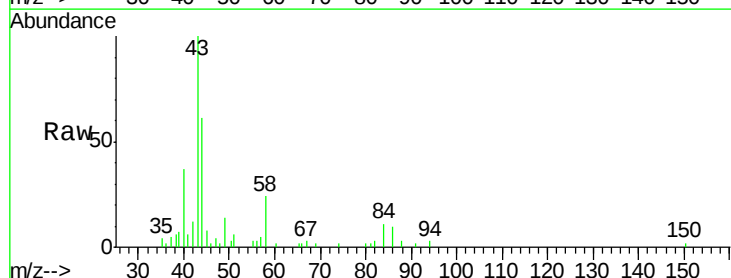
Acq: 11 Mar 2019 14:04

Tgt Ion: 43 Resp: 18372

Ion Ratio Lower Upper

43 100

58 23.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

6000

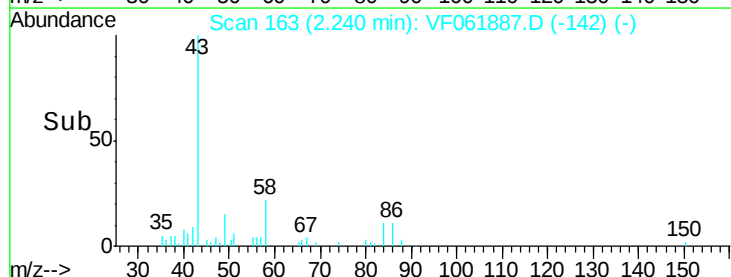
4000

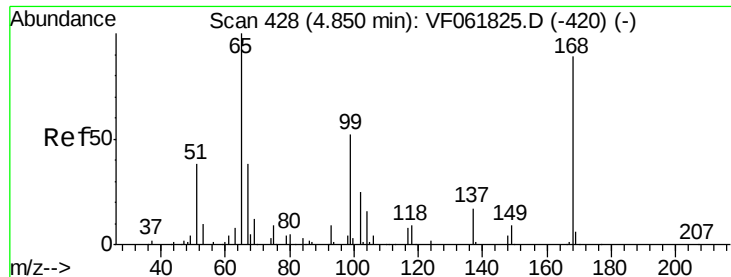
2000

0

Time-->

2.10 2.20 2.30

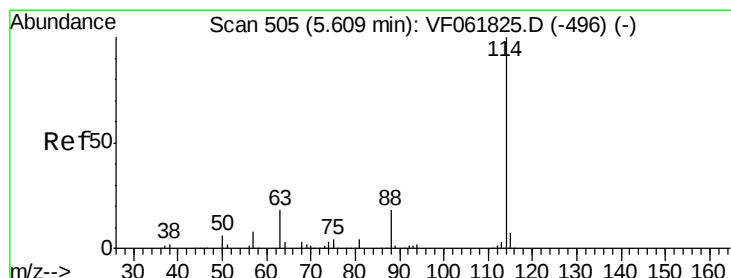
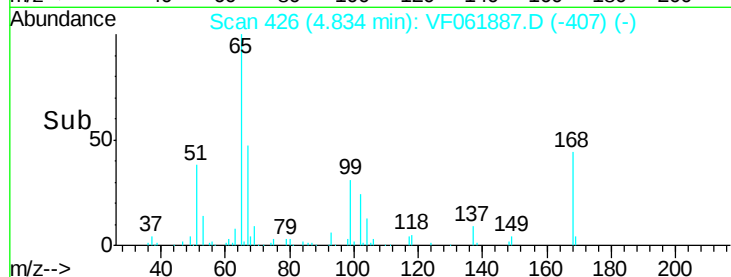
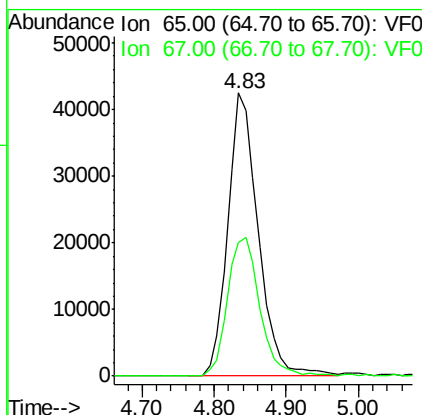
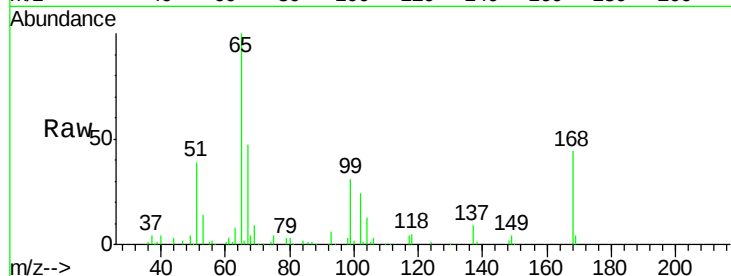




#33
 1,2-Dichloroethane-d4
 Concen: 73.136 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: VF061887.D
 Acq: 11 Mar 2019 14:04

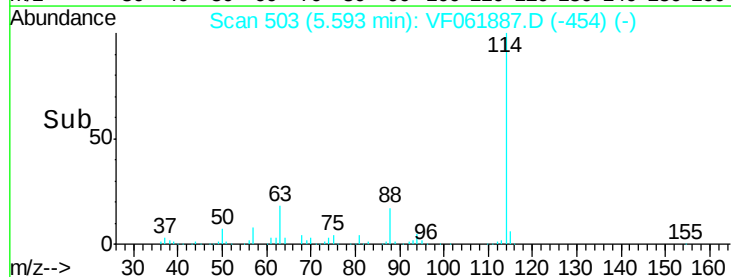
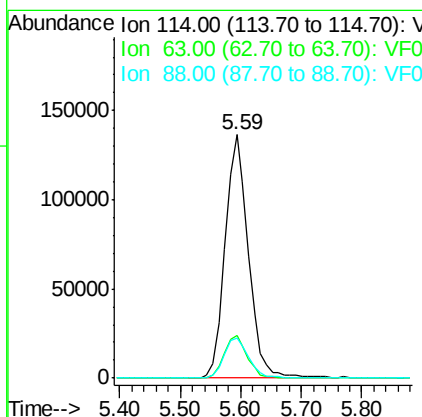
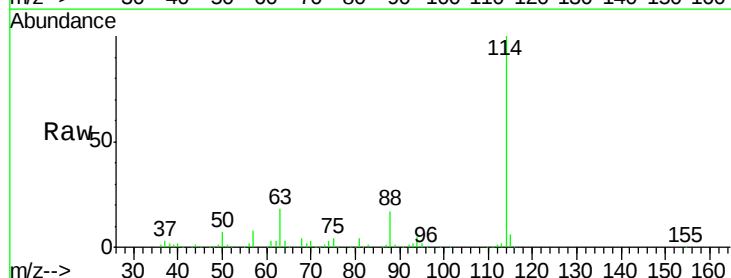
Instrument :
 MSVOA_F
 ClientSampled :
 TP-3

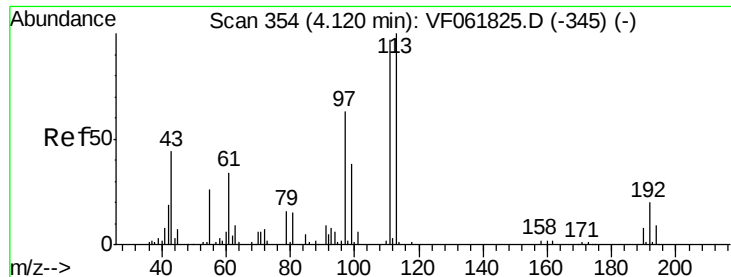
Tot Ion: 65 Resp: 125097
 Ion Ratio Lower Upper
 65 100
 67 47.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061887.D
 Acq: 11 Mar 2019 14:04

Tgt Ion: 114 Resp: 365021
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.6
 88 16.7 0.0 35.6

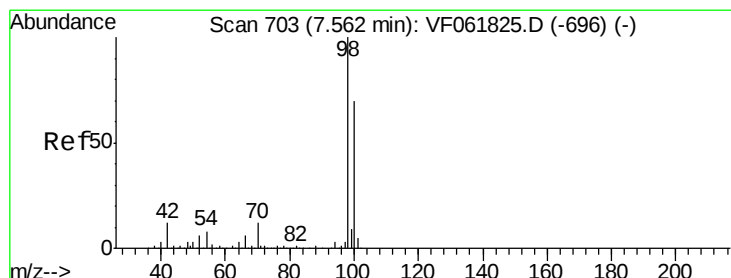
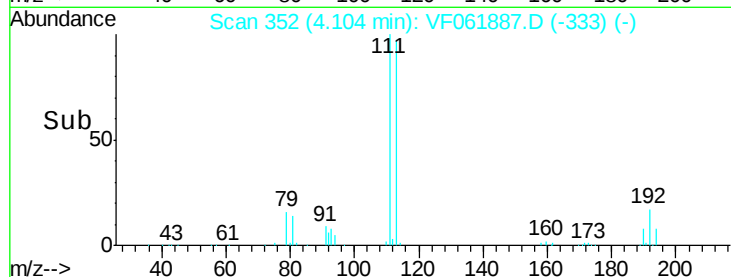
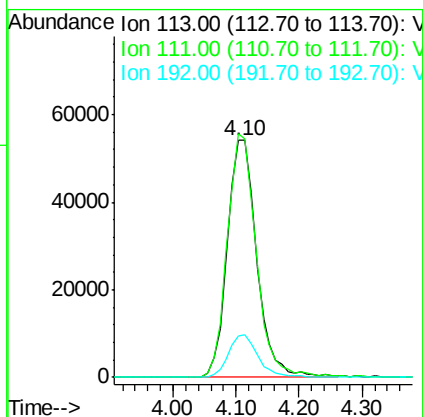
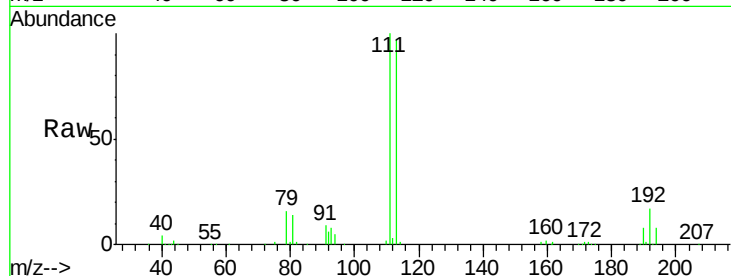




#35
Dibromofluoromethane
Concen: 68.922 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

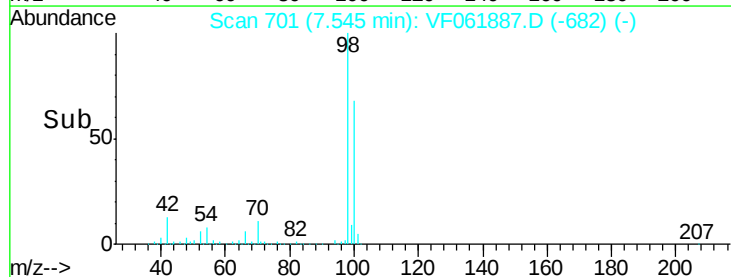
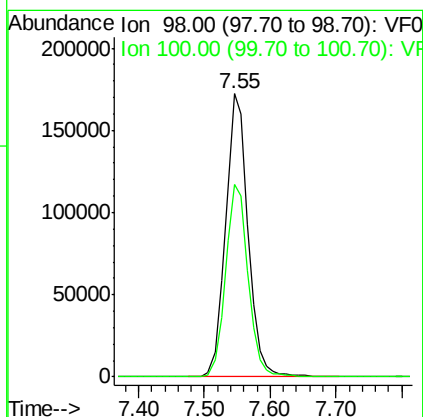
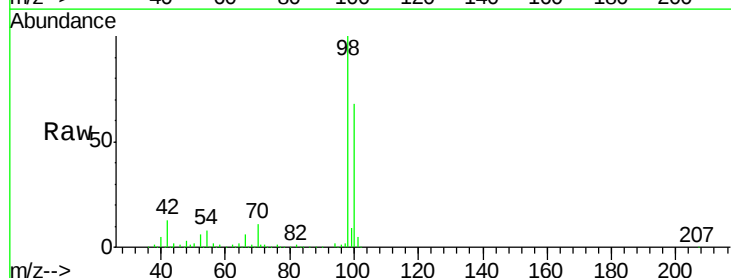
Instrument :
MSVOA_F
ClientSampleId :
TP-3

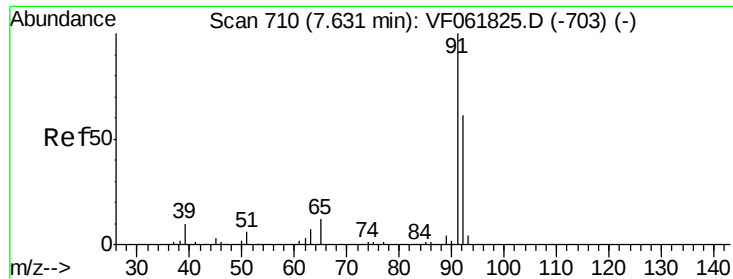
Tot Ion:113 Resp: 175571
Ion Ratio Lower Upper
113 100
111 102.8 77.6 116.4
192 17.3 15.9 23.9



#50
Toluene-d8
Concen: 54.535 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061887.D
Acq: 11 Mar 2019 14:04

Tgt Ion: 98 Resp: 412913
Ion Ratio Lower Upper
98 100
100 67.8 56.0 84.0





#52

Toluene

Concen: 3.241 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.02 min

Lab File: VF061887.D

Acq: 11 Mar 2019 14:04

Instrument :

MSVOA_F

ClientSampled :

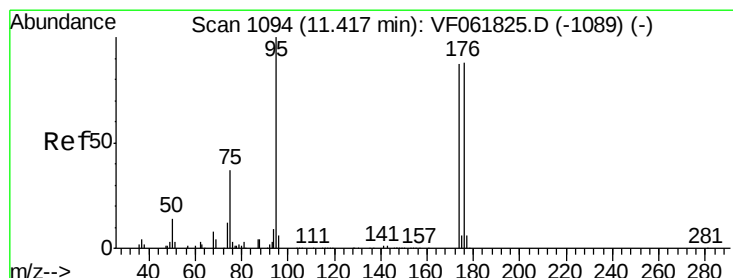
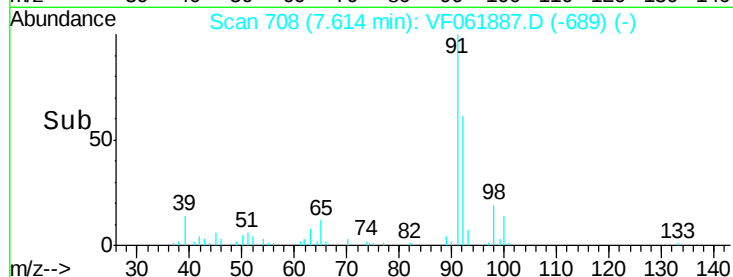
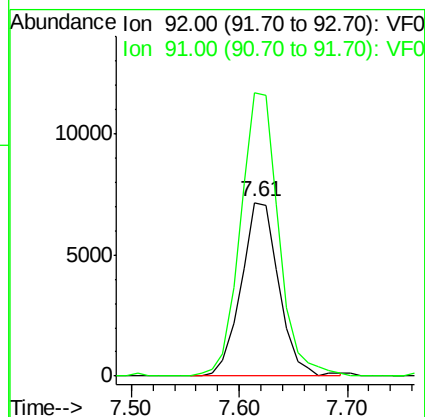
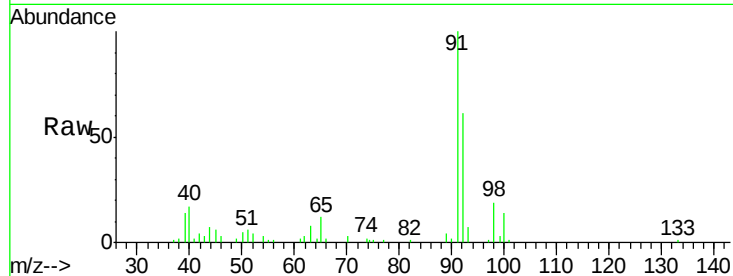
TP-3

Tot Ion: 92 Resp: 17278

Ion Ratio Lower Upper

92 100

91 162.9 132.0 198.0



#62

4-Bromofluorobenzene

Concen: 61.662 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061887.D

Acq: 11 Mar 2019 14:04

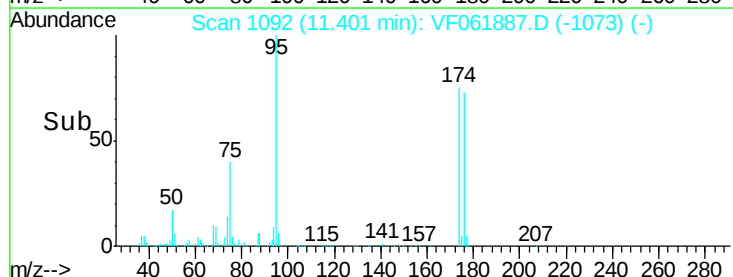
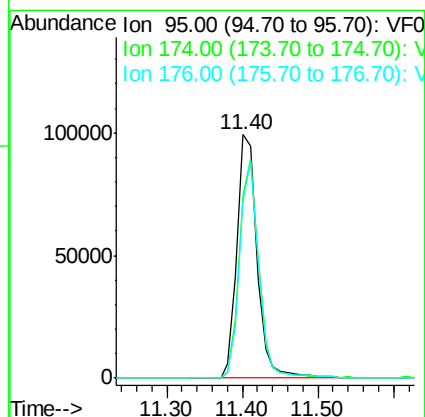
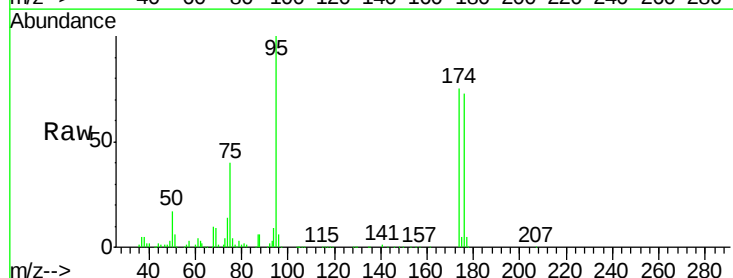
Tgt Ion: 95 Resp: 182888

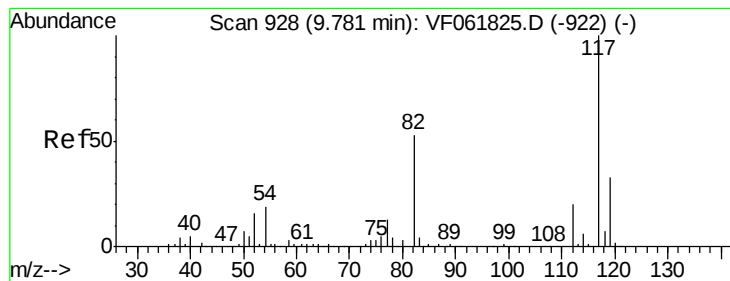
Ion Ratio Lower Upper

95 100

174 74.7 0.0 174.0

176 72.8 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. -0.01 min

Lab File: VF061887.D

Acq: 11 Mar 2019 14:04

Instrument :

MSVOA_F

ClientSampleId :

TP-3

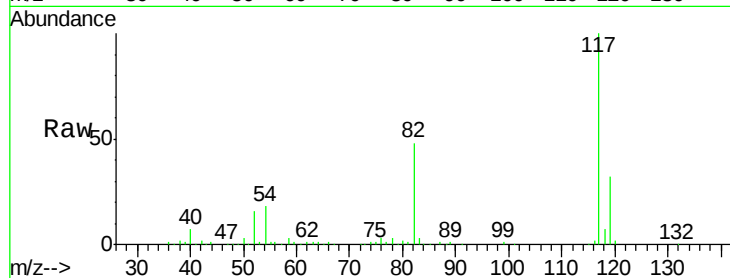
Tot Ion:117 Resp: 309193

Ion Ratio Lower Upper

117 100

82 48.1 42.6 63.8

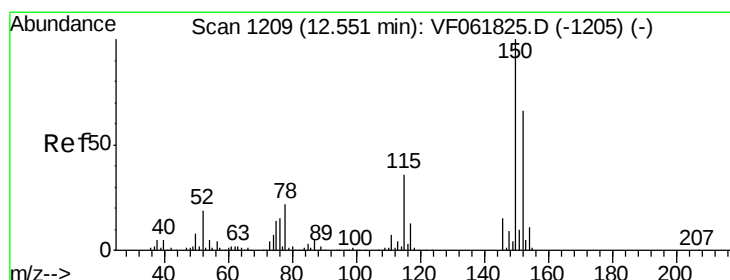
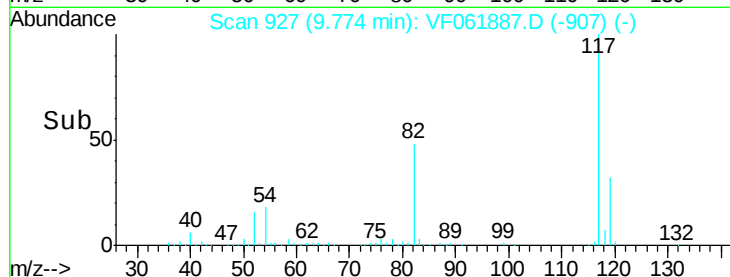
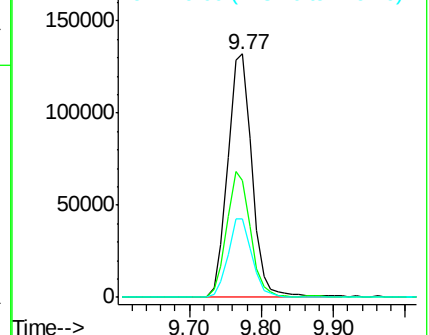
119 32.3 26.0 39.0



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. -0.01 min

Lab File: VF061887.D

Acq: 11 Mar 2019 14:04

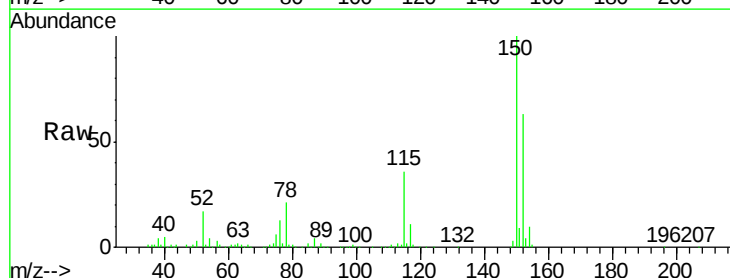
Tgt Ion:152 Resp: 179912

Ion Ratio Lower Upper

152 100

115 56.7 27.7 83.1

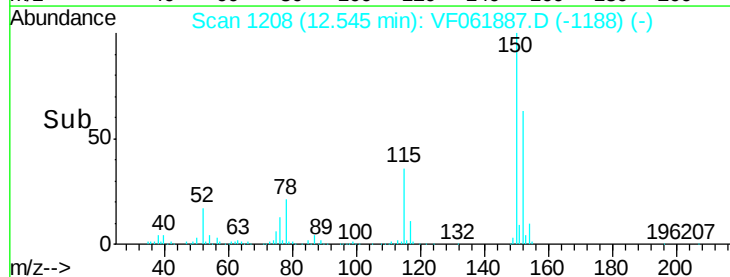
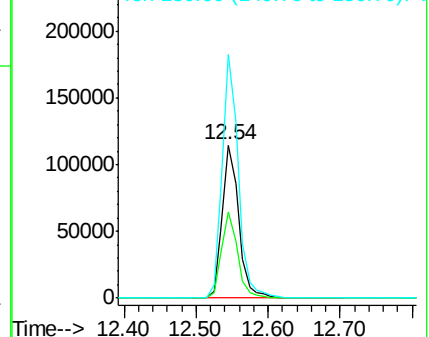
150 159.2 0.0 304.2

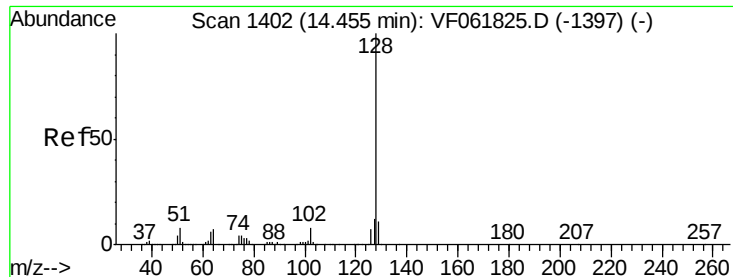


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#95

Naphthalene

Concen: 1.022 ug/l

RT: 14.45 min Scan# 1401

Delta R.T. -0.01 min

Lab File: VF061887.D

Acq: 11 Mar 2019 14:04

Instrument :

MSVOA_F

ClientSampleId :

TP-3

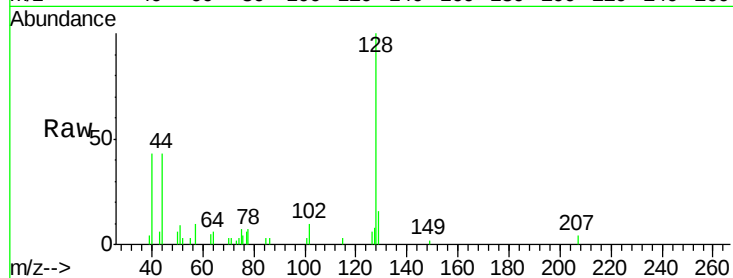
Tot Ion:128 Resp: 6844

Ion Ratio Lower Upper

128 100

127 8.0 9.3 13.9#

129 15.8 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

