

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061524.D
 Acq On : 25 Jan 2019 16:50
 Operator : VA/AP
 Sample : K1238-21RE
 Misc : 6.78g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S3RE

Quant Time: Jan 28 01:07:57 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

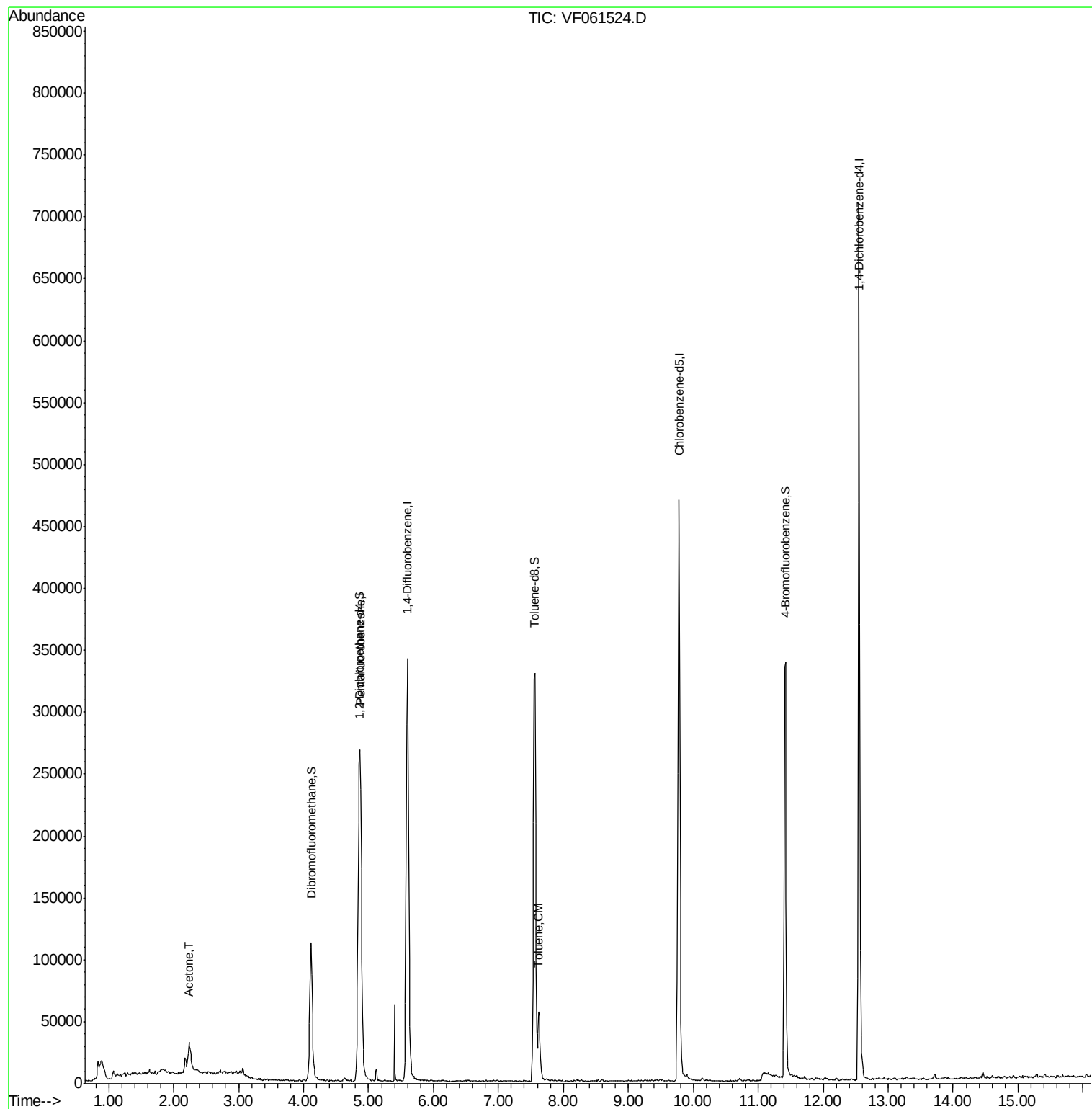
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	205289	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.60	114	383183	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	343738	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	166571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	100106	39.50	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.00%	
35) Dibromofluoromethane	4.12	113	103143	34.11	ug/l	0.01
Spiked Amount 50.000			Recovery	=	68.22%	
50) Toluene-d8	7.56	98	281581	33.99	ug/l	0.01
Spiked Amount 50.000			Recovery	=	67.98%	
62) 4-Bromofluorobenzene	11.41	95	139991	36.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.34%	
Target Compounds						
16) Acetone	2.23	43	19370	38.095	ug/l	97
52) Toluene	7.62	92	28064	4.311	ug/l	97

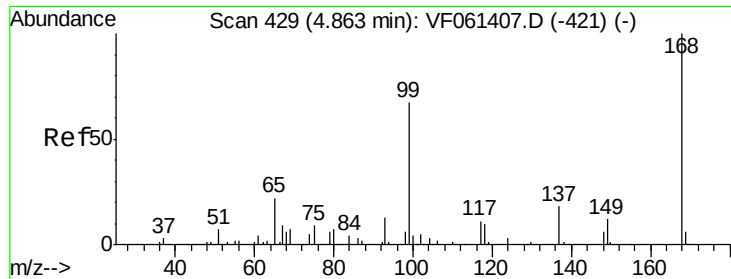
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012519\
Data File : VF061524.D
Acq On : 25 Jan 2019 16:50
Operator : VA/AP
Sample : K1238-21RE
Misc : 6.78g/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
S3RE

Quant Time: Jan 28 01:07:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
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: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF061524.D

Acq: 25 Jan 2019 16:50

Instrument :

MSVOA_F

ClientSampleId :

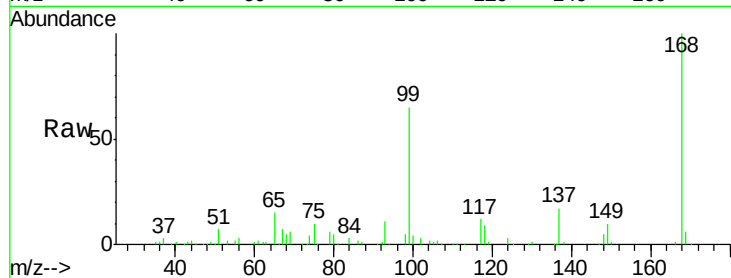
S3RE

Tot Ion:168 Resp: 205289

Ion Ratio Lower Upper

168 100

99 65.2 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

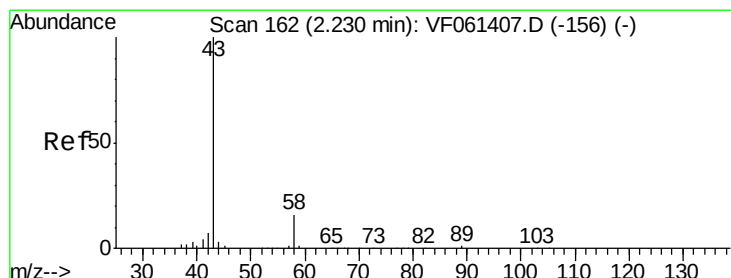
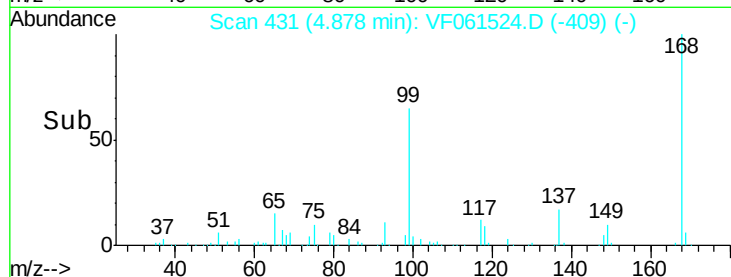
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 38.095 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061524.D

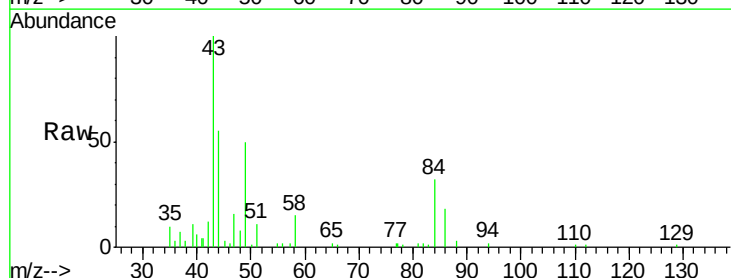
Acq: 25 Jan 2019 16:50

Tgt Ion: 43 Resp: 19370

Ion Ratio Lower Upper

43 100

58 15.4 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

10000

8000

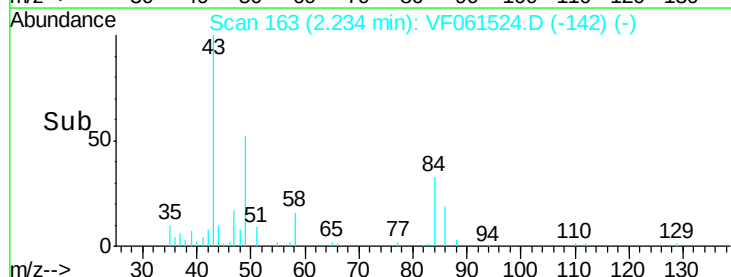
6000

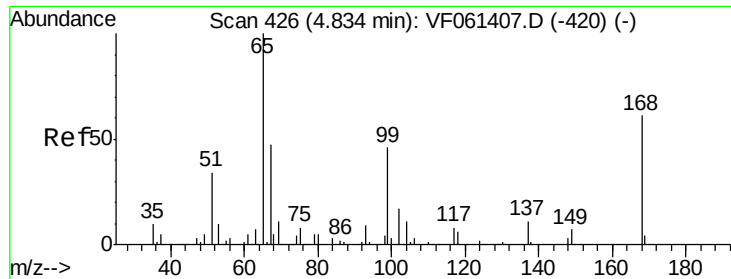
4000

2000

0

Time--> 2.15 2.20 2.25 2.30

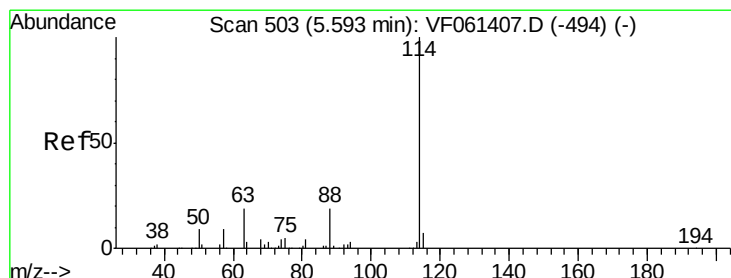
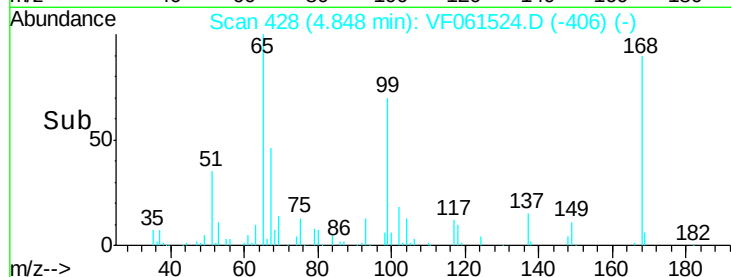
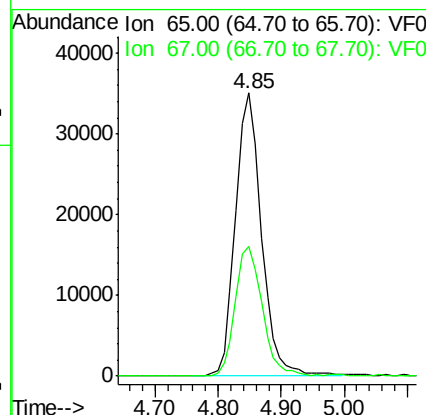
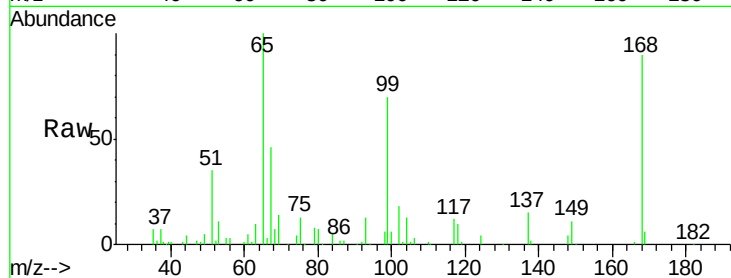




#33
 1,2-Dichloroethane-d4
 Concen: 39.496 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: VF061524.D
 Acq: 25 Jan 2019 16:50

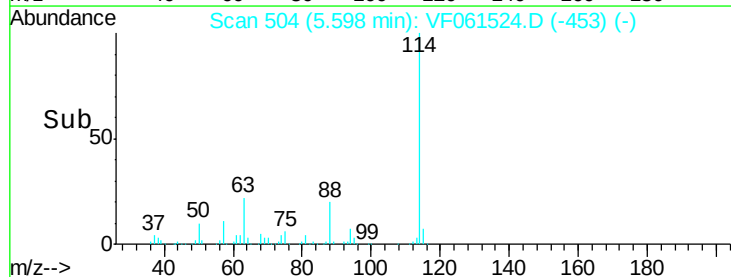
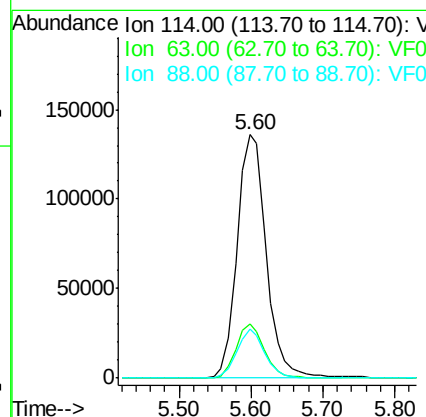
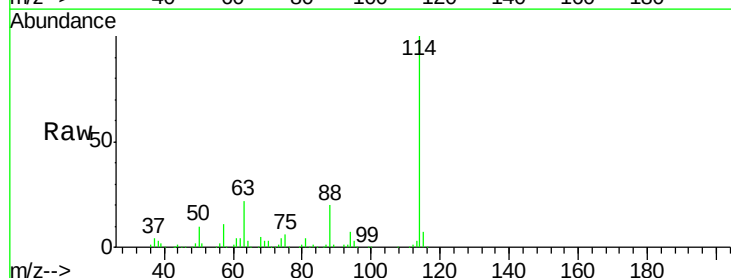
Instrument :
 MSVOA_F
 ClientSampled :
 S3RE

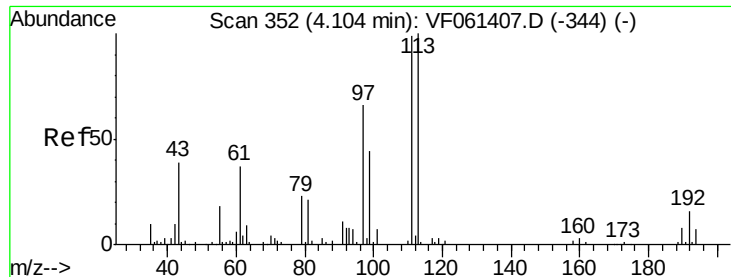
Tot Ion: 65 Resp: 100106
 Ion Ratio Lower Upper
 65 100
 67 45.9 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VF061524.D
 Acq: 25 Jan 2019 16:50

Tgt Ion: 114 Resp: 383183
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 39.0
 88 20.1 0.0 37.4





#35

Dibromofluoromethane

Concen: 34.112 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF061524.D

Acq: 25 Jan 2019 16:50

Instrument :
MSVOA_F
ClientSampleId :
S3RE

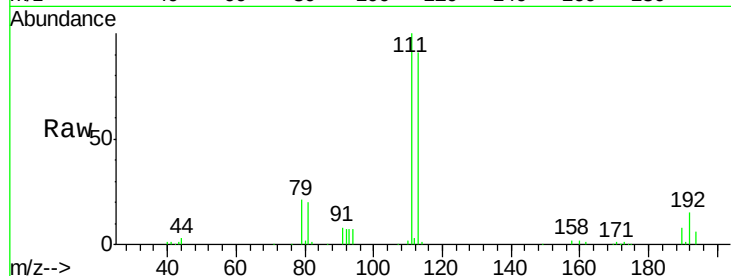
Tot Ion:113 Resp: 103143

Ion Ratio Lower Upper

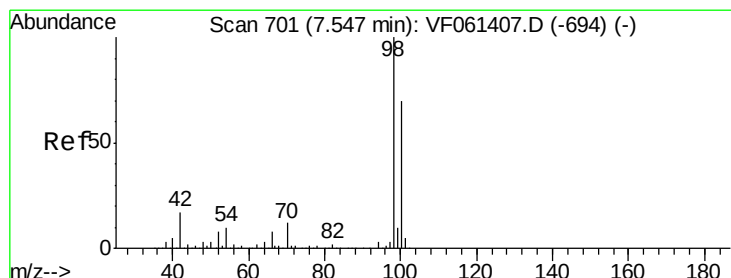
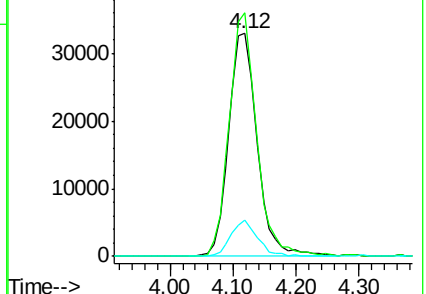
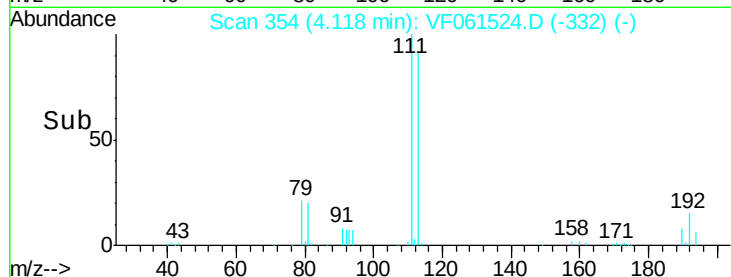
113 100

111 109.4 79.4 119.0

192 16.5 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: 33.990 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.01 min

Lab File: VF061524.D

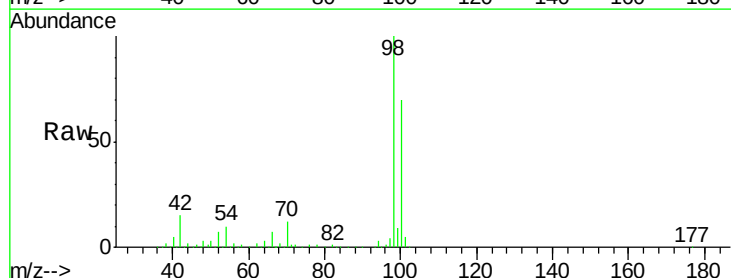
Acq: 25 Jan 2019 16:50

Tgt Ion: 98 Resp: 281581

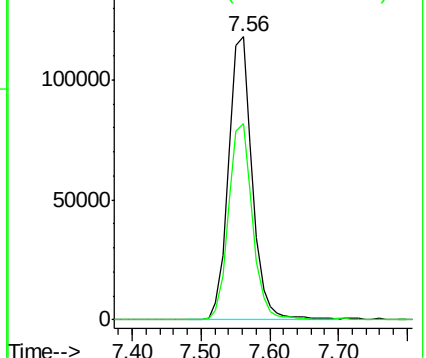
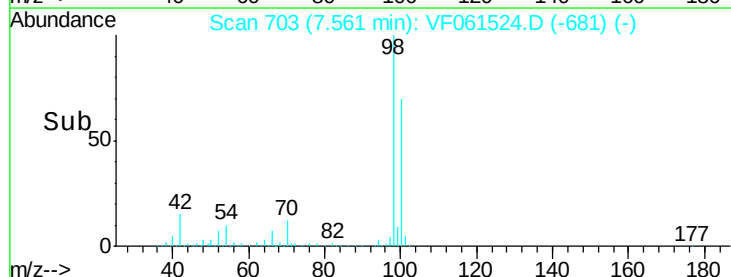
Ion Ratio Lower Upper

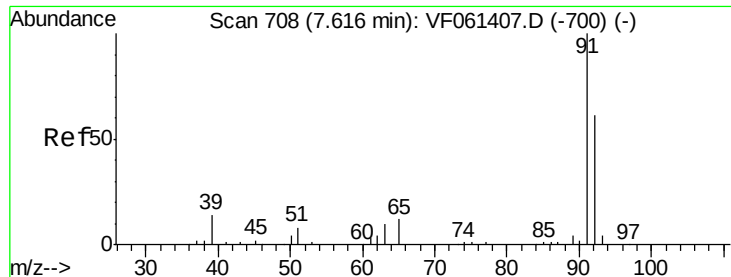
98 100

100 69.5 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#52

Toluene

Concen: 4.311 ug/l

RT: 7.62 min Scan# 709

Delta R.T. 0.00 min

Lab File: VF061524.D

Acq: 25 Jan 2019 16:50

Instrument :

MSVOA_F

ClientSampleId :

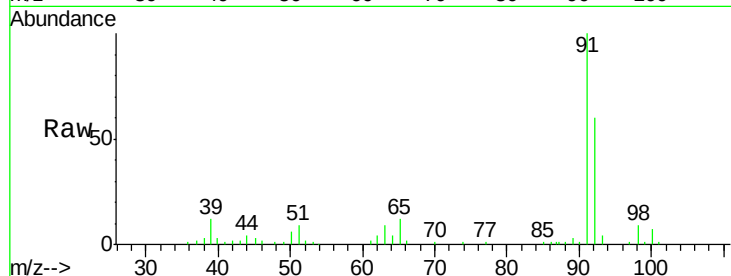
S3RE

Tot Ion: 92 Resp: 28064

Ion Ratio Lower Upper

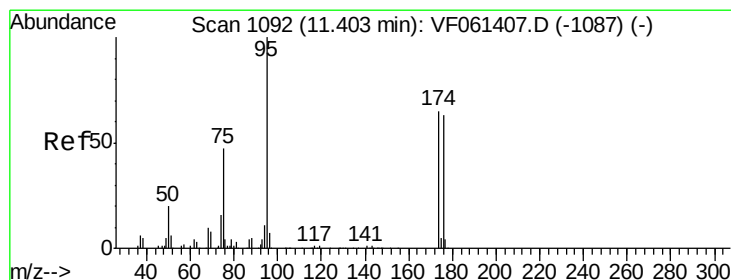
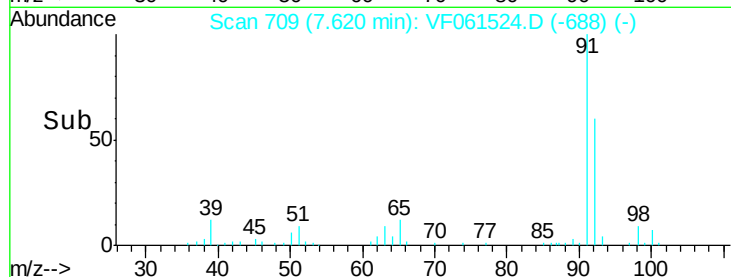
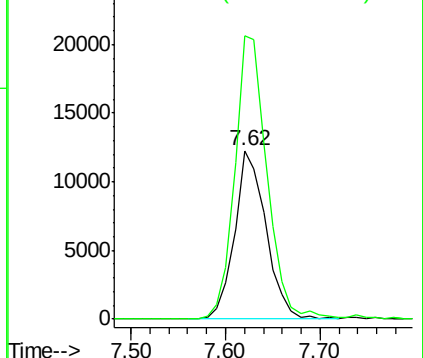
92 100

91 168.0 131.2 196.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 36.168 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061524.D

Acq: 25 Jan 2019 16:50

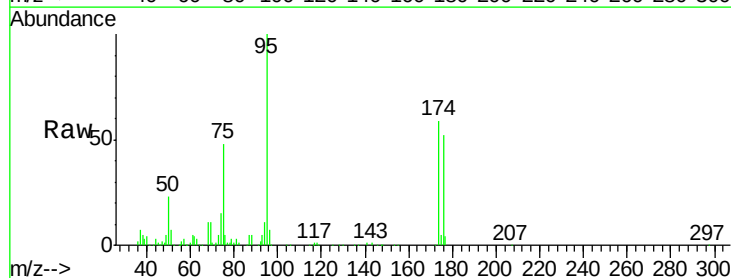
Tgt Ion: 95 Resp: 139991

Ion Ratio Lower Upper

95 100

174 58.8 0.0 130.4

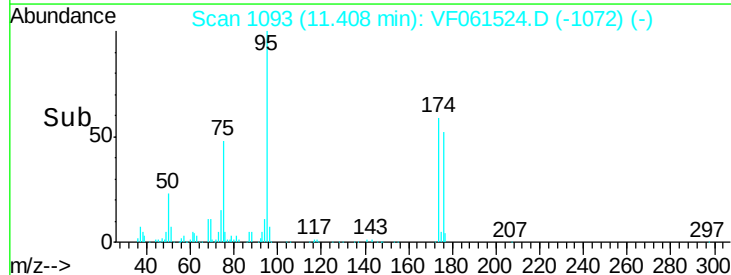
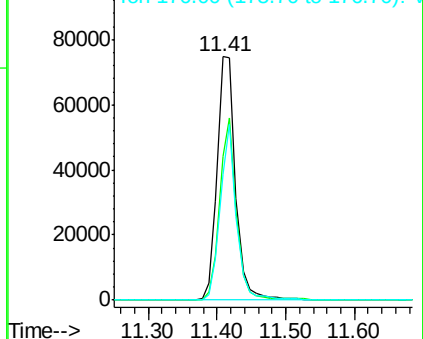
176 51.9 0.0 126.2

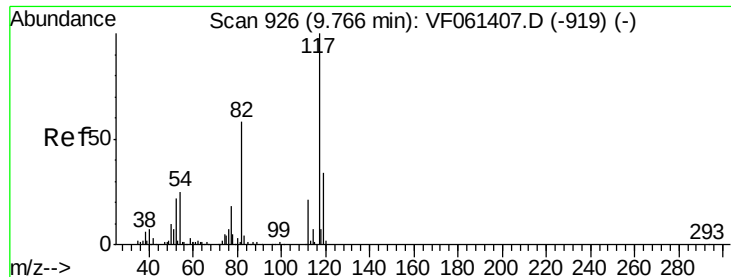


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

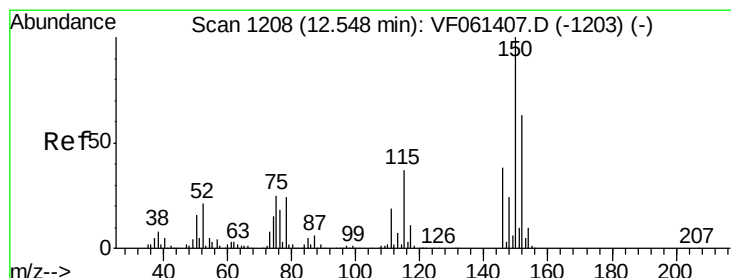
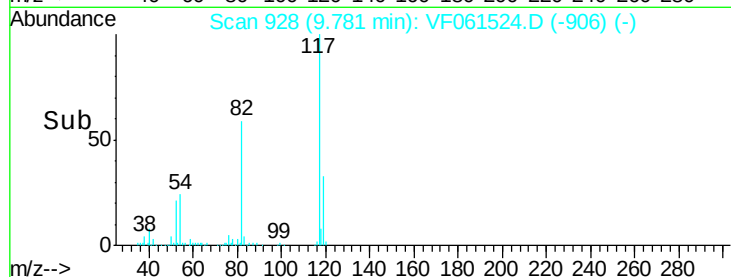
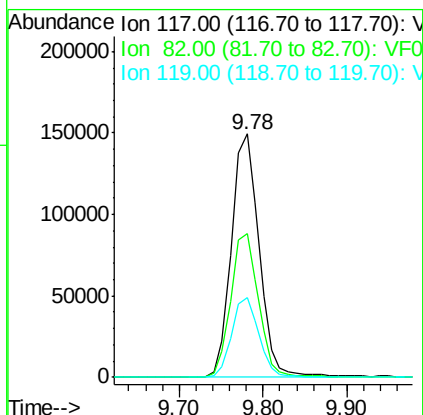
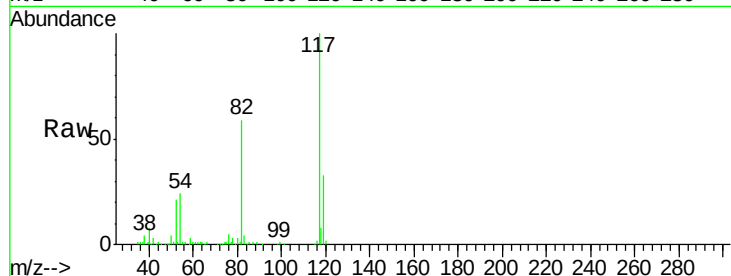




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Instrument :
MSVOA_F
ClientSampleId :
S3RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	46.4	69.6
119	32.9	27.2	40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061524.D
Acq: 25 Jan 2019 16:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.0	90.0
150	158.8	0.0	321.4

