

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
 Data File : VF061614.D
 Acq On : 12 Feb 2019 17:43
 Operator : VA/AP
 Sample : K1343-15
 Misc : 6.50g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-021119-H

Quant Time: Feb 13 03:18:49 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

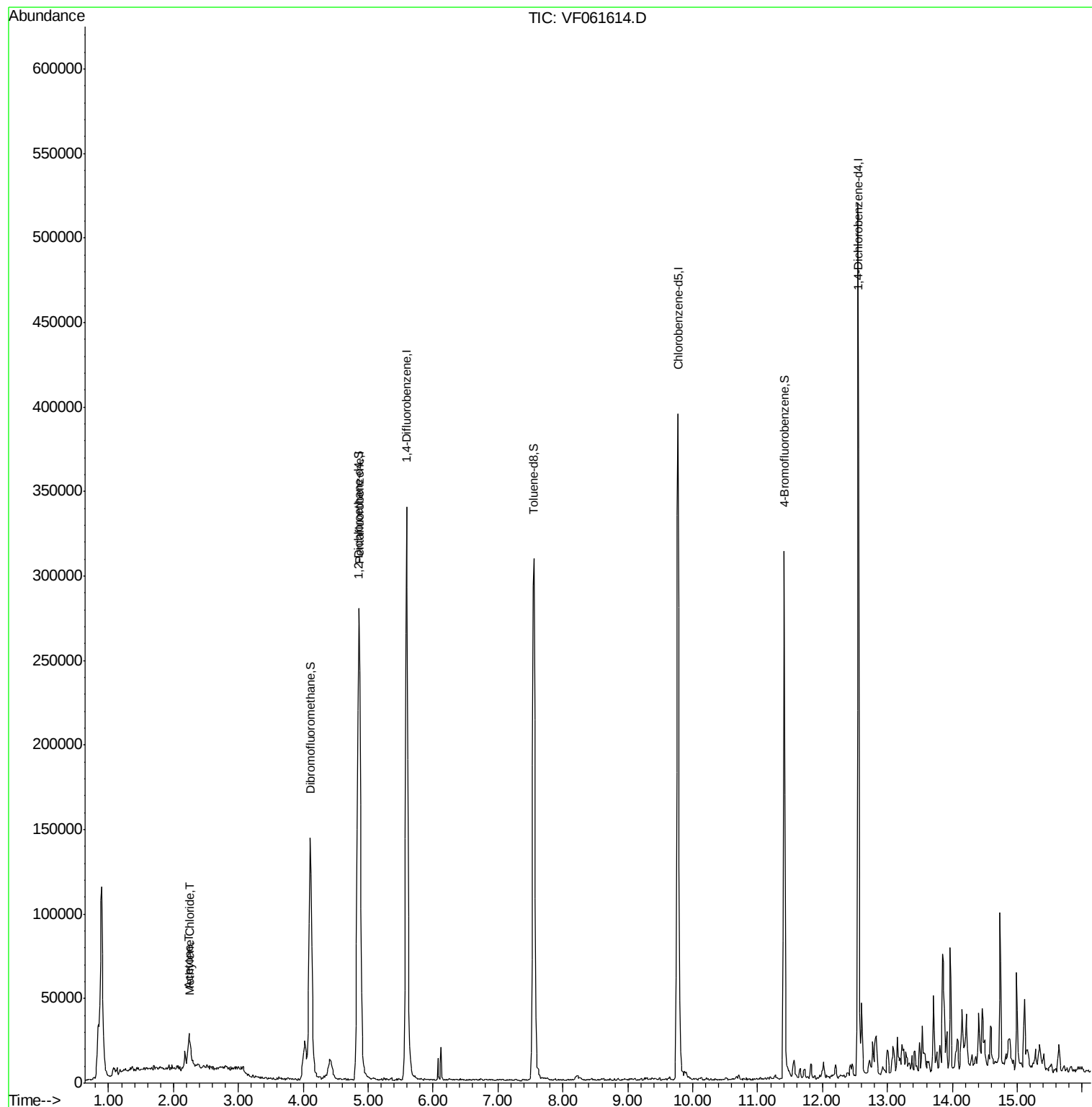
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	198578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	361298	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	281587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	120271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	123370	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	4.11	113	133867	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	7.55	98	264711	33.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.78%	
62) 4-Bromofluorobenzene	11.41	95	120775	33.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.18%	
Target Compounds						
16) Acetone	2.24	43	22043	44.817	ug/l	96
20) Methylene Chloride	2.26	84	11743m	5.468	ug/l	

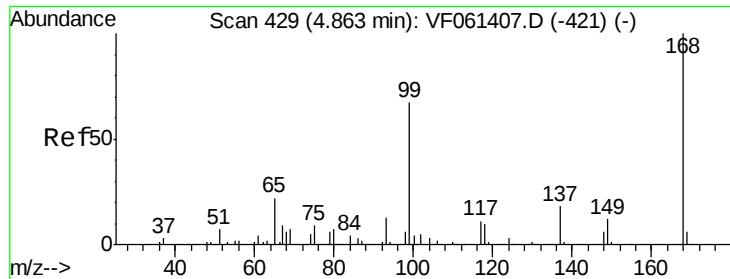
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021219\
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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

Lab File: VF061614.D

Acq: 12 Feb 2019 17:43

Instrument :

MSVOA_F

ClientSampleId :

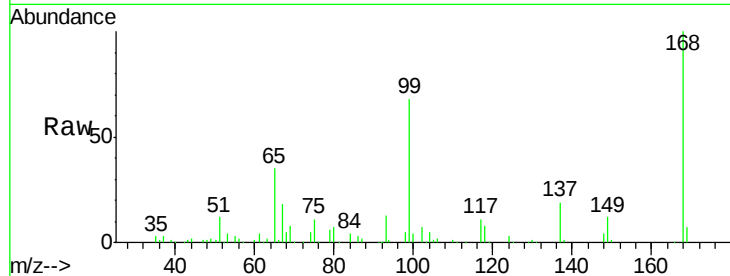
JC-02-021119-H

Tot Ion:168 Resp: 198578

Ion Ratio Lower Upper

168 100

99 68.0 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

60000

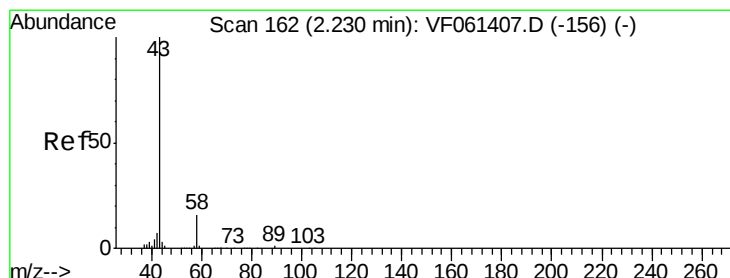
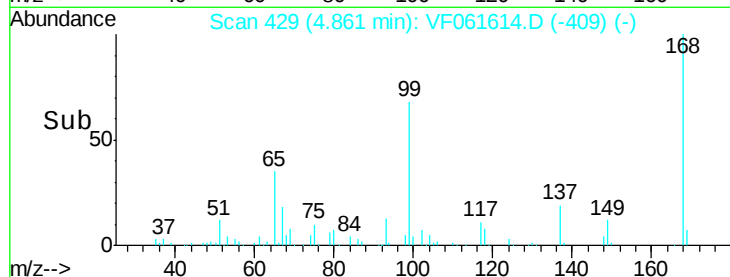
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 44.817 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061614.D

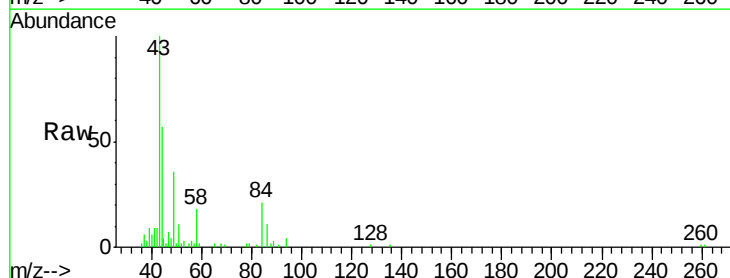
Acq: 12 Feb 2019 17:43

Tgt Ion: 43 Resp: 22043

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

8000

6000

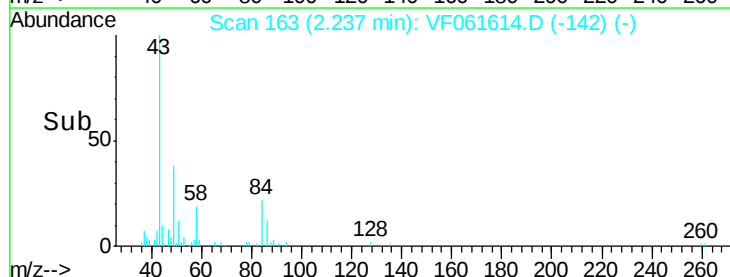
4000

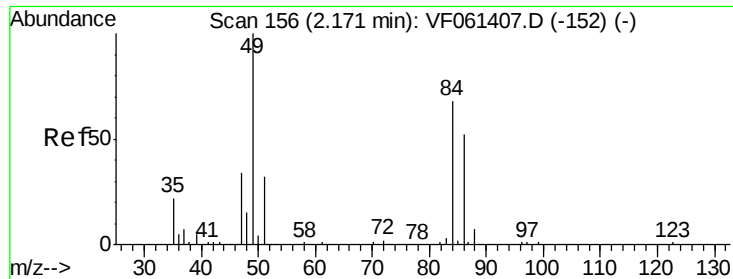
2000

0

Time-->

2.10 2.20 2.30

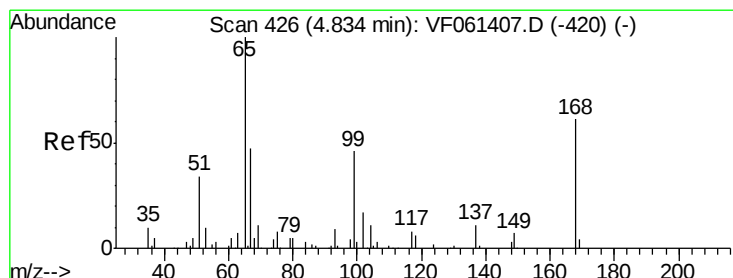
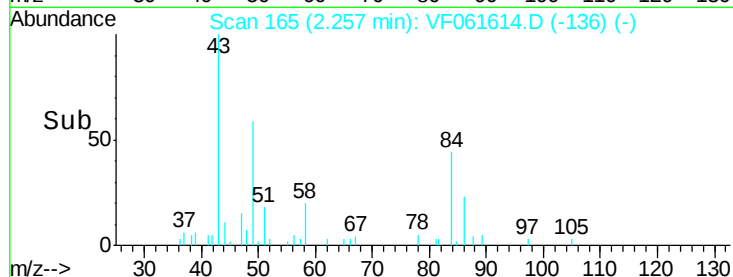
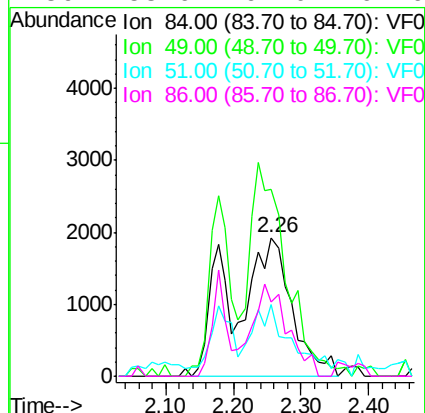
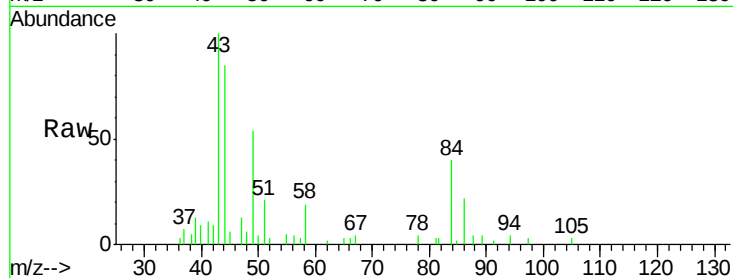




#20
Methylene Chloride
Concen: 5.468 ug/l m
RT: 2.26 min Scan# 165
Delta R.T. 0.09 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

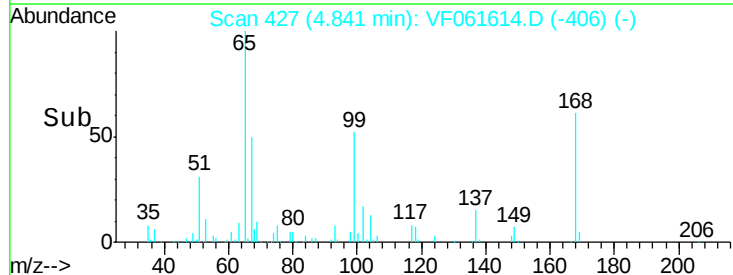
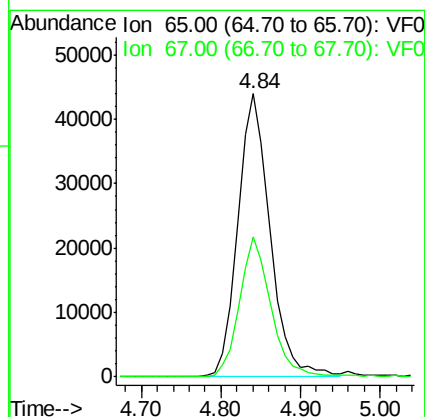
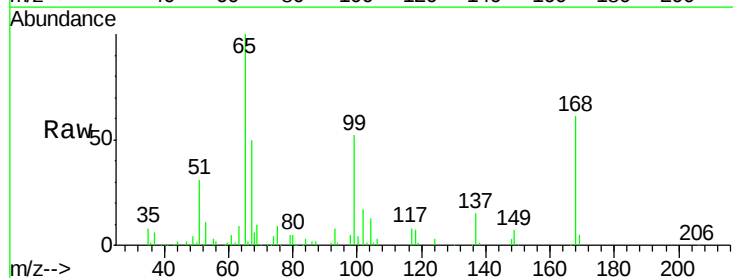
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-H

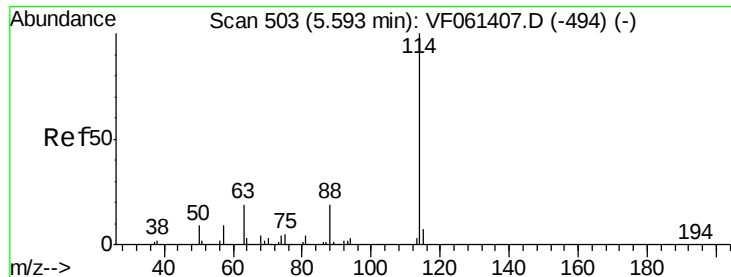
Tot Ion: 84 Resp: 11743
Ion Ratio Lower Upper
84 100
49 134.8 120.0 180.0
51 51.6 38.6 58.0
86 53.6 61.0 91.6#



#33
1,2-Dichloroethane-d4
Concen: 50.320 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Tgt Ion: 65 Resp: 123370
Ion Ratio Lower Upper
65 100
67 49.6 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: VF061614.D

Acq: 12 Feb 2019 17:43

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-H

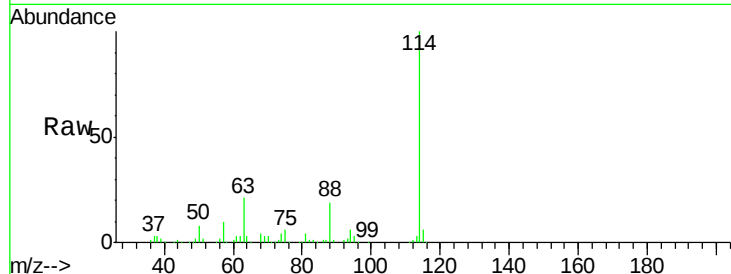
Tot Ion:114 Resp: 361298

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.0

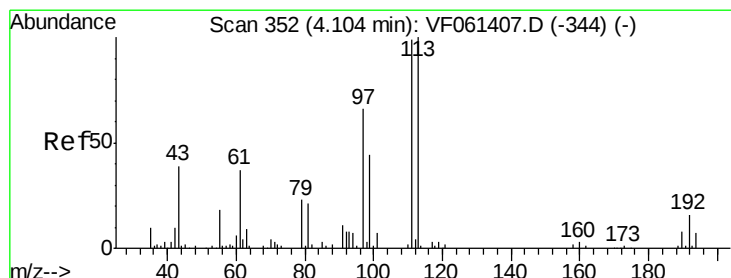
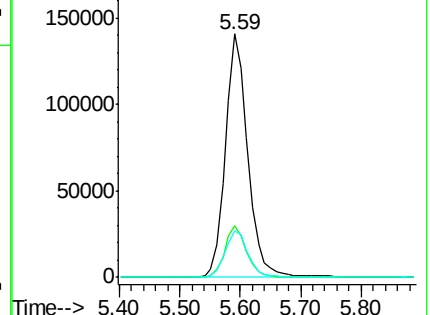
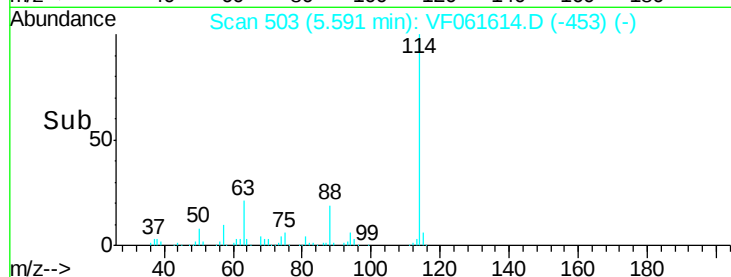
88 19.2 0.0 37.4



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: 46.955 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.01 min

Lab File: VF061614.D

Acq: 12 Feb 2019 17:43

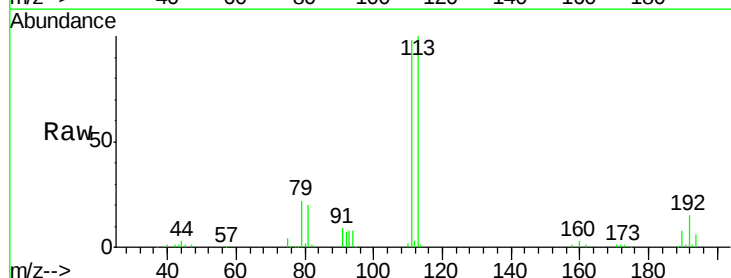
Tgt Ion:113 Resp: 133867

Ion Ratio Lower Upper

113 100

111 98.3 79.4 119.0

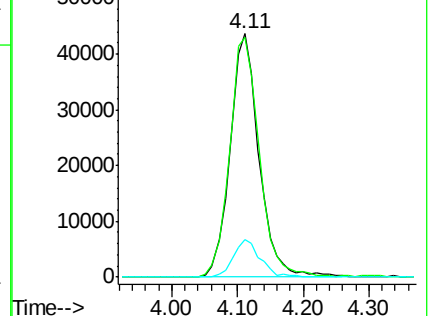
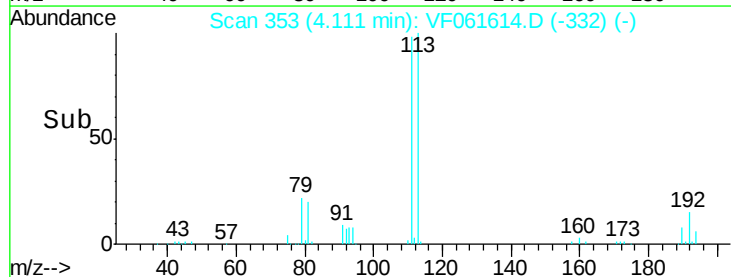
192 15.3 12.4 18.6

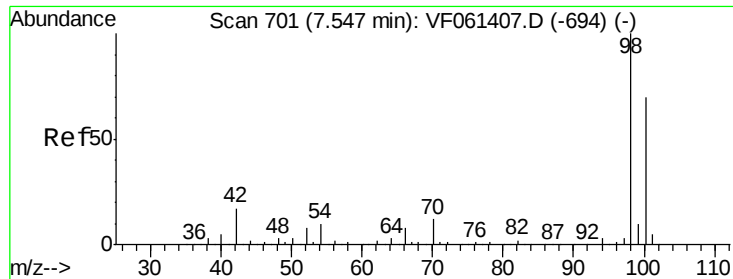


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 33.889 ug/l

RT: 7.55 min Scan# 702

Delta R.T. 0.01 min

Lab File: VF061614.D

Acq: 12 Feb 2019 17:43

Instrument :

MSVOA_F

ClientSampleId :

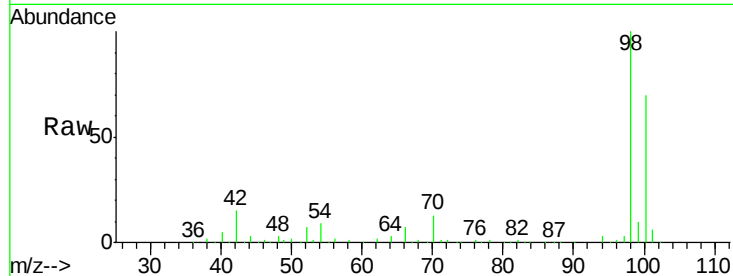
JC-02-021119-H

Tot Ion: 98 Resp: 264711

Ion Ratio Lower Upper

98 100

100 69.6 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.55

120000

100000

80000

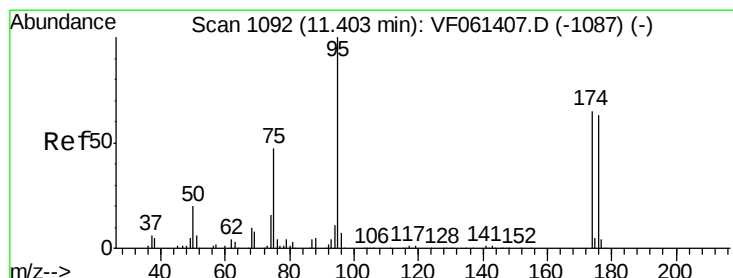
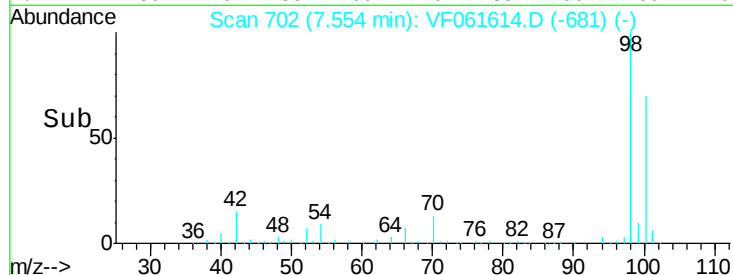
60000

40000

20000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 33.093 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061614.D

Acq: 12 Feb 2019 17:43

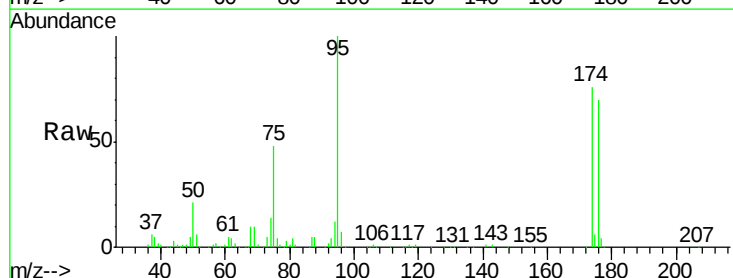
Tgt Ion: 95 Resp: 120775

Ion Ratio Lower Upper

95 100

174 76.4 0.0 130.4

176 70.1 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

11.41

80000

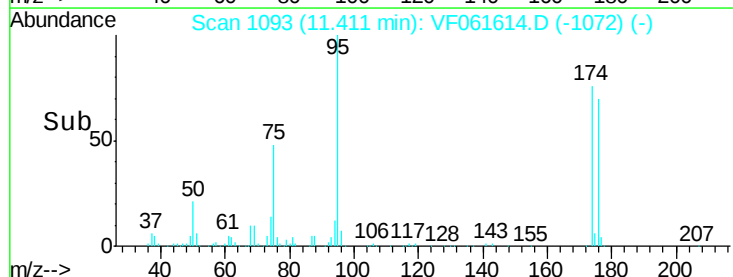
60000

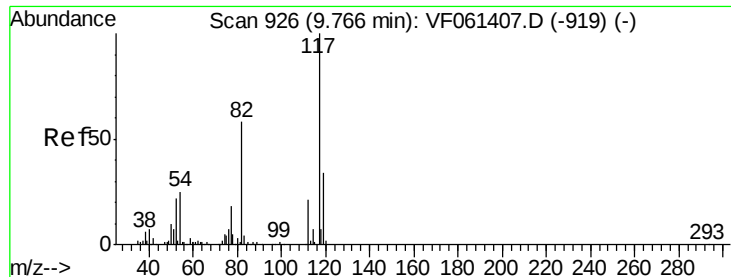
40000

20000

0

Time--> 11.40 11.60

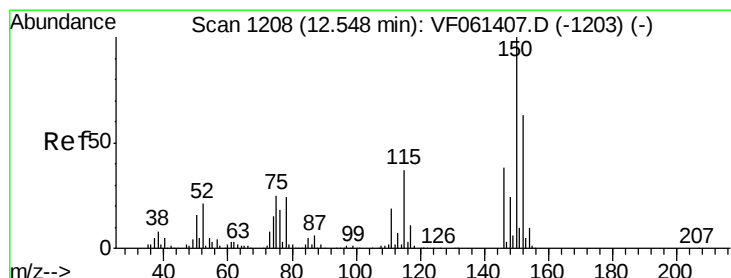
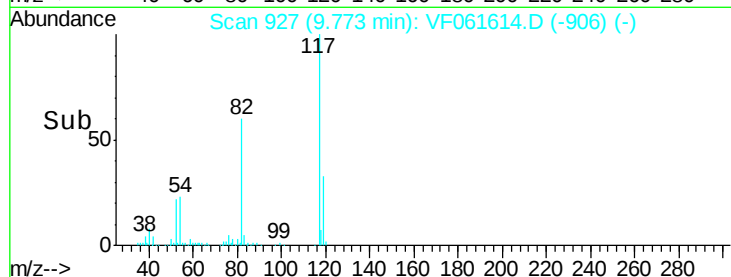
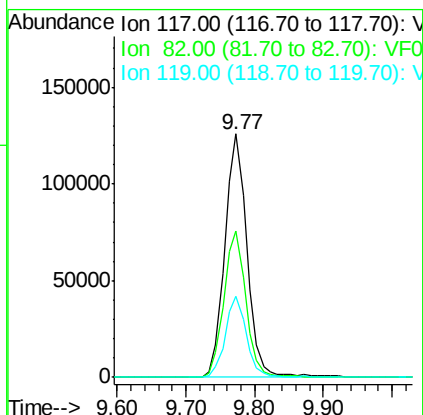
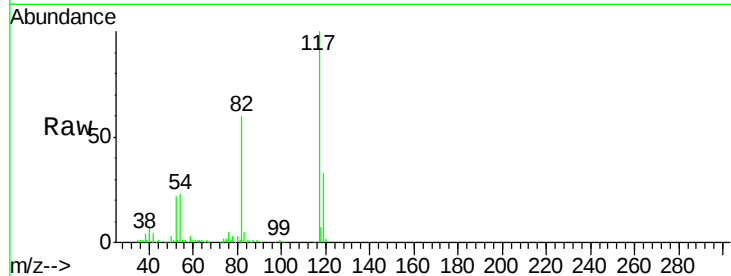




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-H

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.4	69.6
119	33.3	27.2	40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061614.D
Acq: 12 Feb 2019 17:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.7	30.0	90.0
150	166.1	0.0	321.4

