

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
 Data File : VF061618.D
 Acq On : 12 Feb 2019 19:36
 Operator : VA/AP
 Sample : K1343-23
 Misc : 6.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 13 03:25:42 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

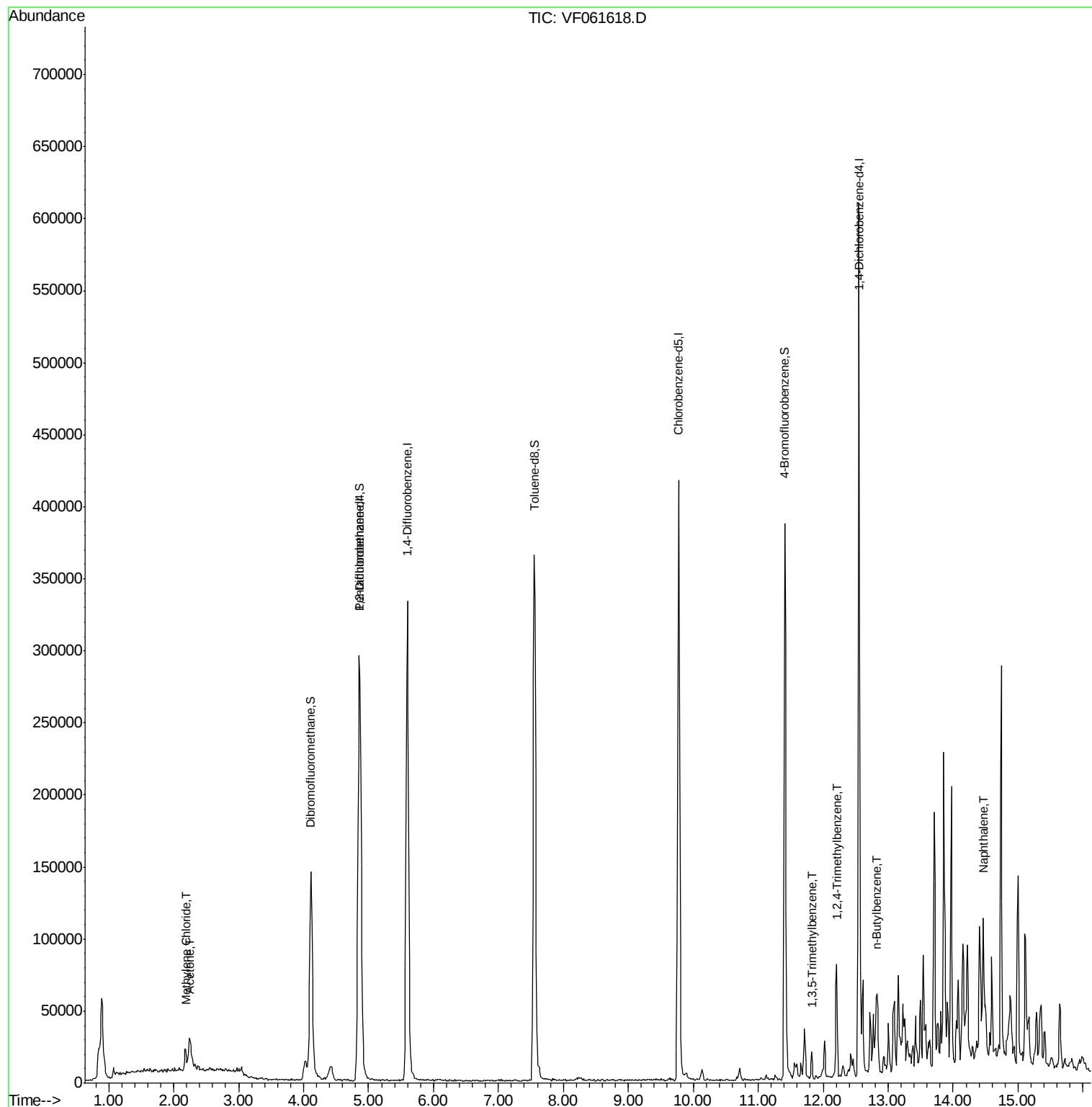
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	203377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	359471	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	298663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	143989	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	127634	50.83	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	4.12	113	140878	49.67	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	7.55	98	312683	40.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.46%	
62) 4-Bromofluorobenzene	11.41	95	143845	39.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.22%	
Target Compounds						
16) Acetone	2.24	43	19659	39.027	ug/l	95
20) Methylene Chloride	2.18	84	18329m	9.288	ug/l	
80) 1,3,5-Trimethylbenzene	11.82	105	9835	1.041	ug/l	92
84) 1,2,4-Trimethylbenzene	12.21	105	38273	3.932	ug/l	94
89) n-Butylbenzene	12.84	91	12483	1.110	ug/l #	67
95) Naphthalene	14.46	128	16208	2.632	ug/l #	76

(#) = 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. 0.00 min

Lab File: VF061618.D

Acq: 12 Feb 2019 19:36

Instrument :

MSVOA_F

ClientSampleId :

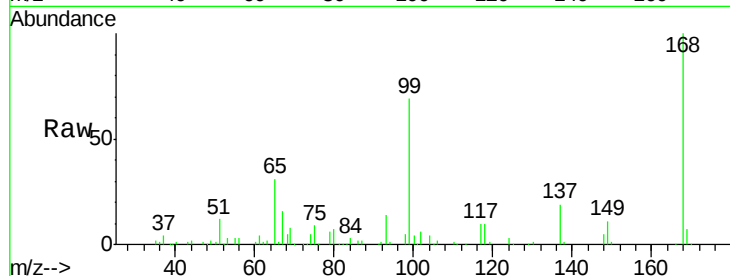
JC-02-021119-L

Tot Ion:168 Resp: 203377

Ion Ratio Lower Upper

168 100

99 68.5 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

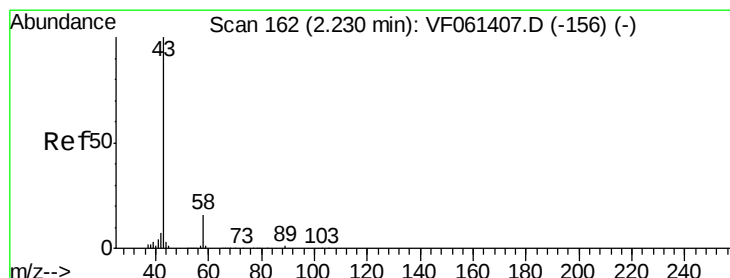
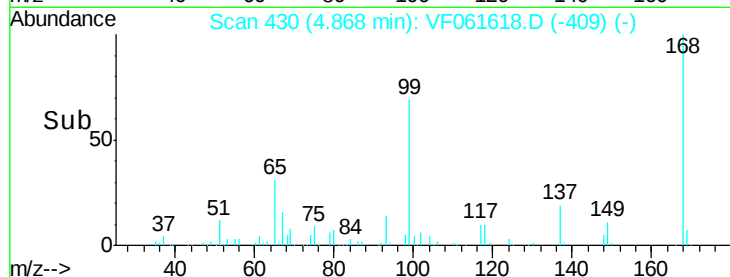
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 39.027 ug/l

RT: 2.24 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061618.D

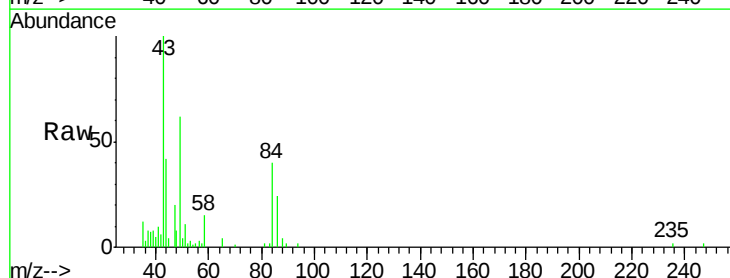
Acq: 12 Feb 2019 19:36

Tgt Ion: 43 Resp: 19659

Ion Ratio Lower Upper

43 100

58 14.7 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

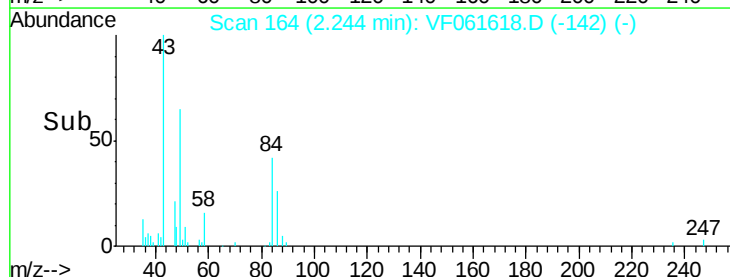
6000

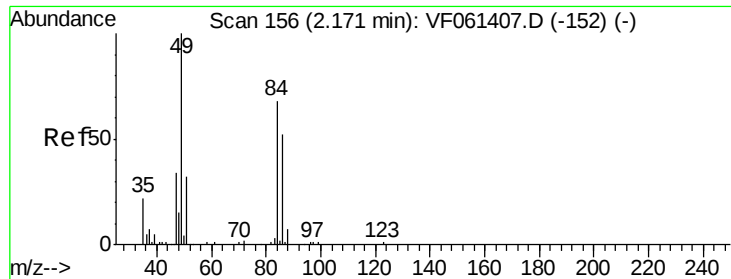
4000

2000

0

Time--> 2.20 2.30

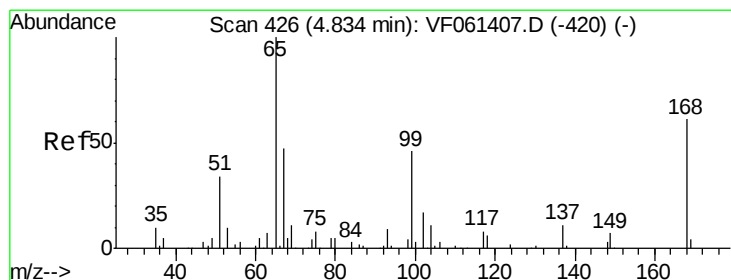
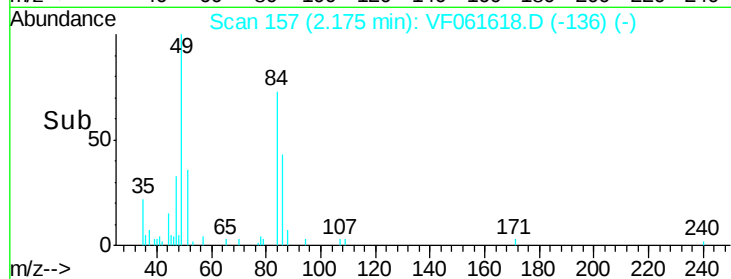
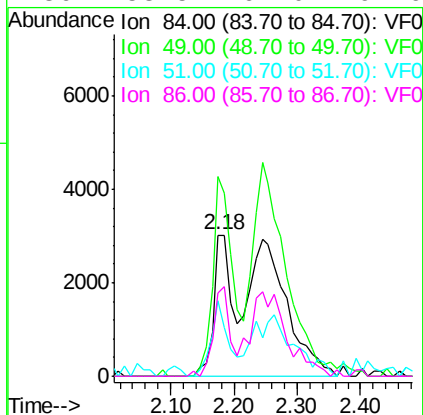
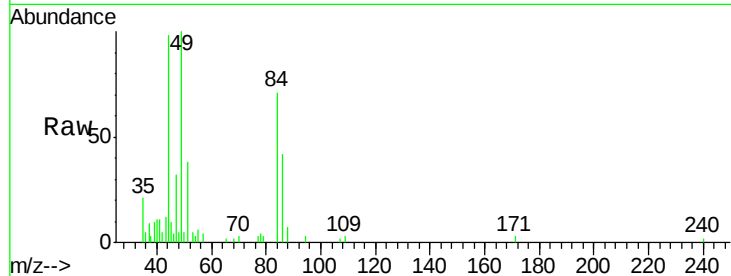




#20
Methvlene Chloride
Concen: 9.288 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061618.D
Acq: 12 Feb 2019 19:36

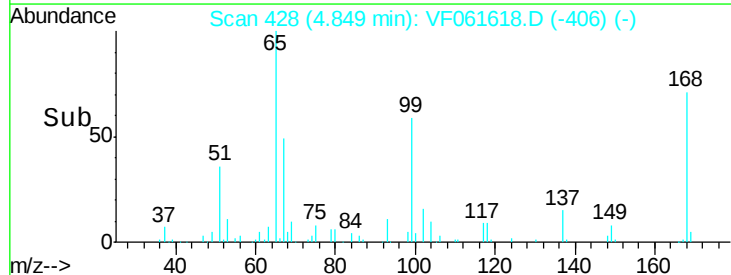
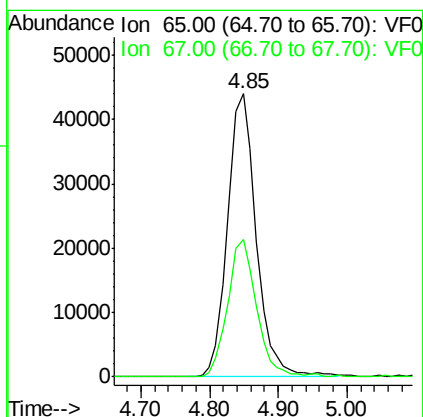
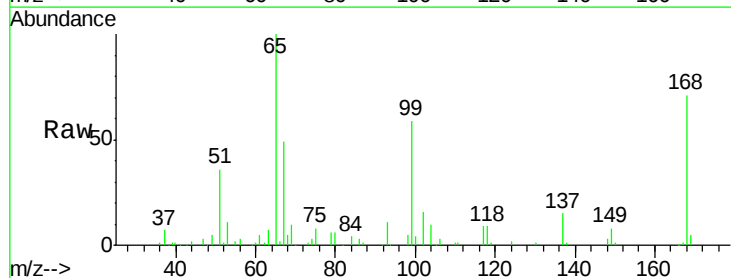
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-L

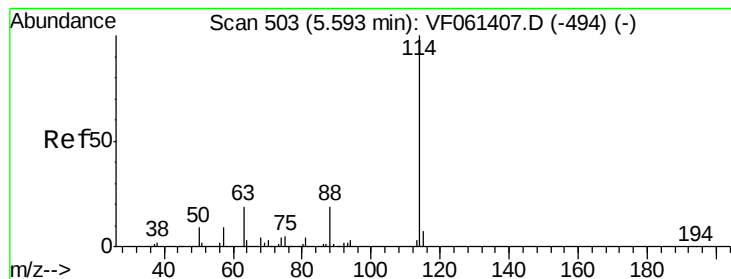
Tot Ion: 84 Resp: 18329
Ion Ratio Lower Upper
84 100
49 141.0 120.0 180.0
51 53.8 38.6 58.0
86 58.5 61.0 91.6#



#33
1,2-Dichloroethane-d4
Concen: 50.831 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061618.D
Acq: 12 Feb 2019 19:36

Tgt Ion: 65 Resp: 127634
Ion Ratio Lower Upper
65 100
67 48.7 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: VF061618.D

Acq: 12 Feb 2019 19:36

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-L

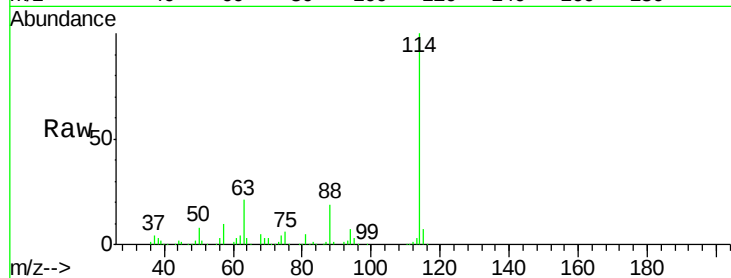
Tot Ion:114 Resp: 359471

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.0

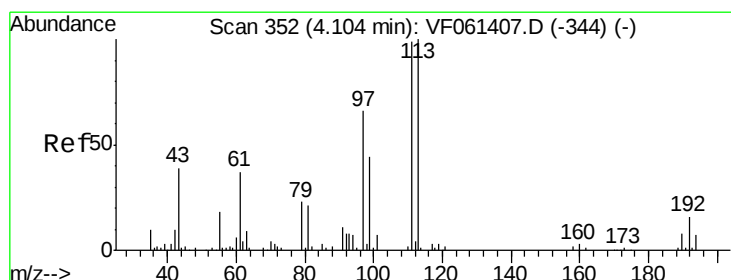
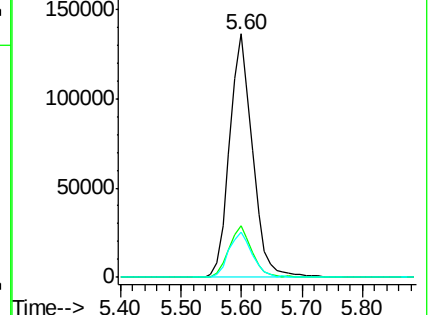
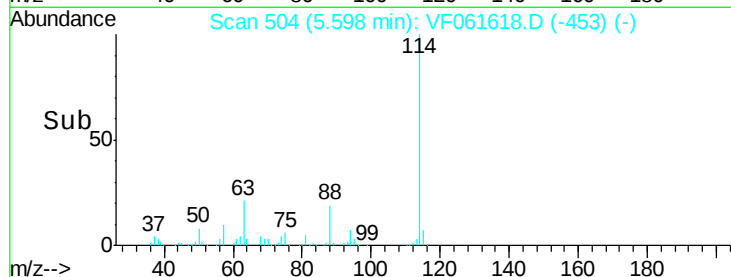
88 18.6 0.0 37.4



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: 49.666 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF061618.D

Acq: 12 Feb 2019 19:36

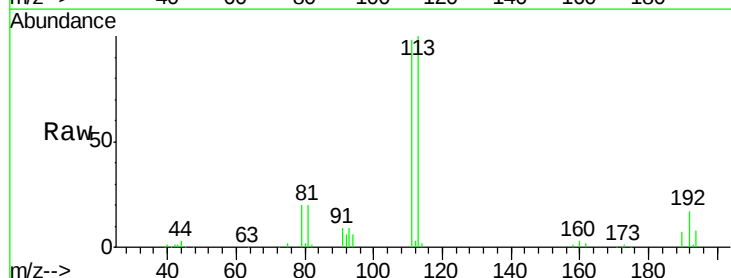
Tgt Ion:113 Resp: 140878

Ion Ratio Lower Upper

113 100

111 97.5 79.4 119.0

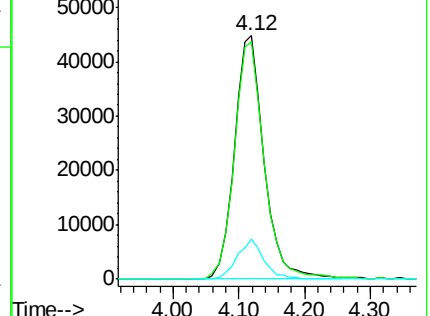
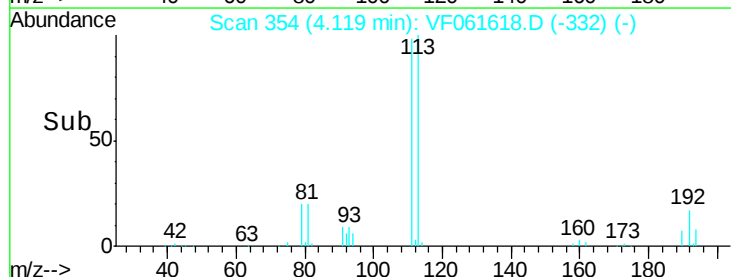
192 16.5 12.4 18.6

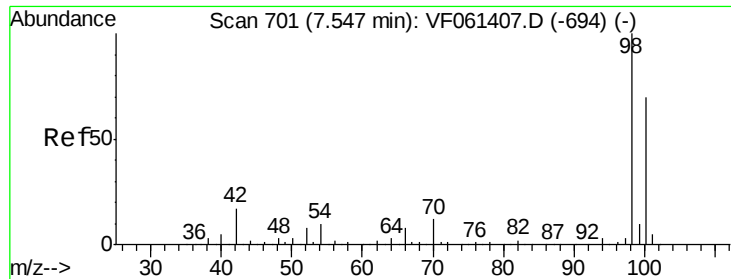


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

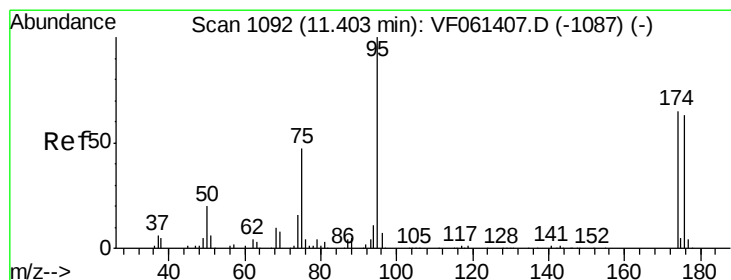
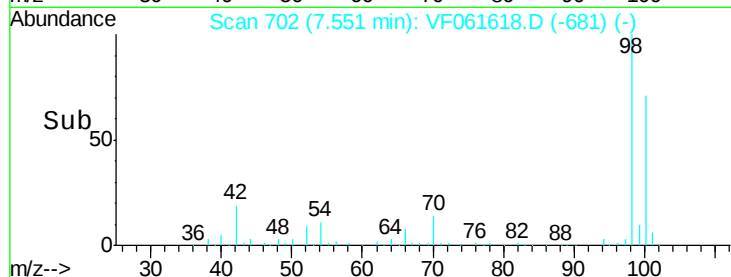
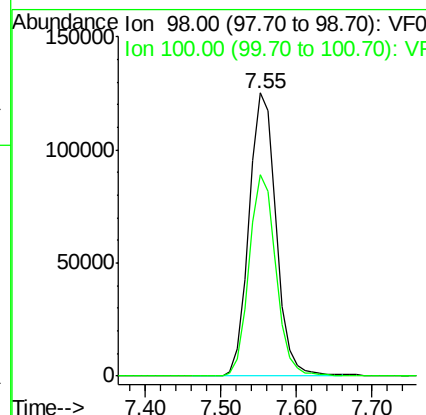
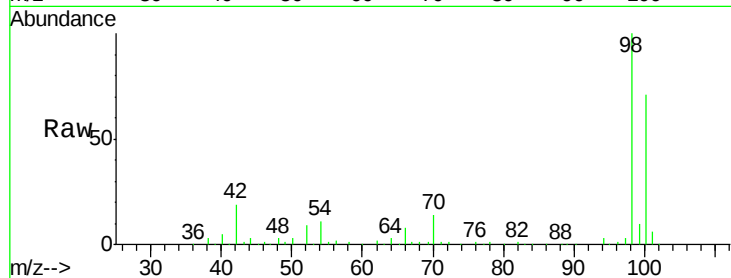




#50
Toluene-d8
Concen: 40.234 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061618.D
Acq: 12 Feb 2019 19:36

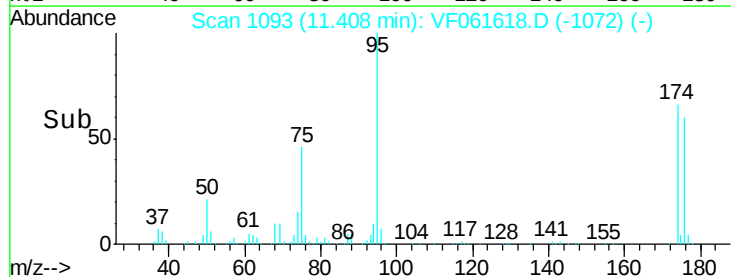
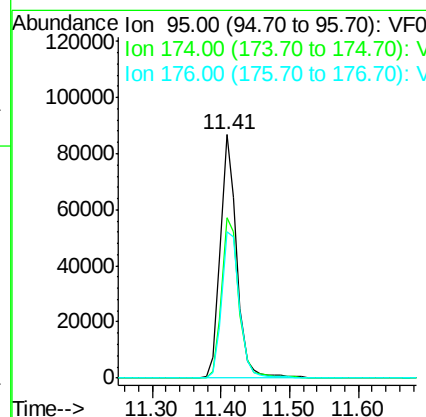
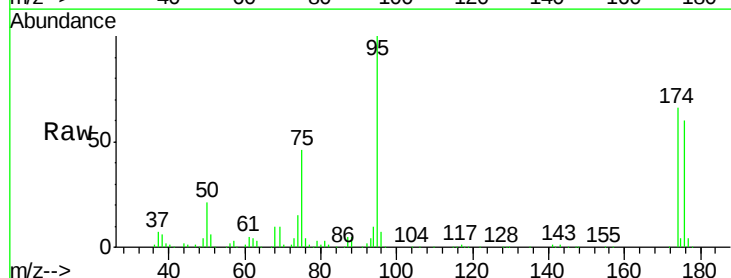
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MSVOA_F
ClientSampleId :
JC-02-021119-L

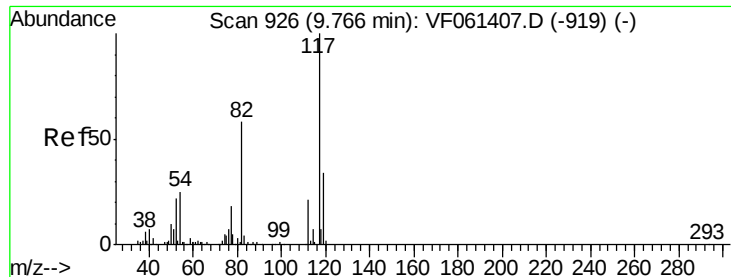
Tot Ion: 98 Resp: 312683
Ion Ratio Lower Upper
98 100
100 71.0 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 39.615 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061618.D
Acq: 12 Feb 2019 19:36

Tgt Ion: 95 Resp: 143845
Ion Ratio Lower Upper
95 100
174 65.8 0.0 130.4
176 59.9 0.0 126.2

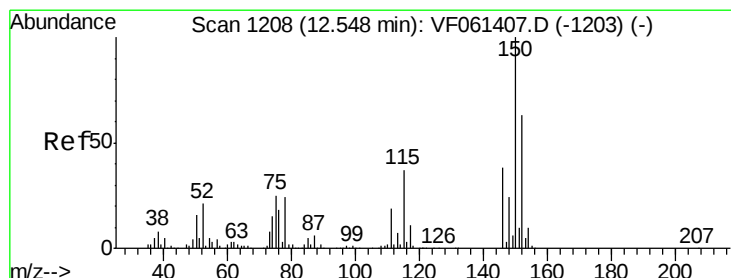
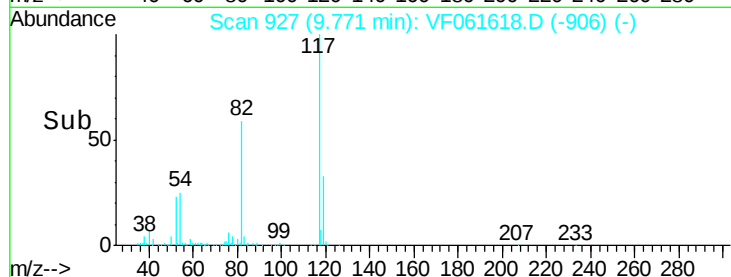
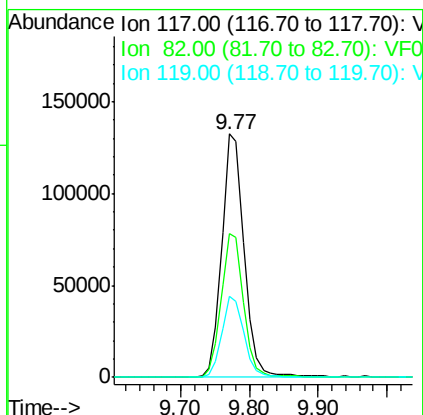
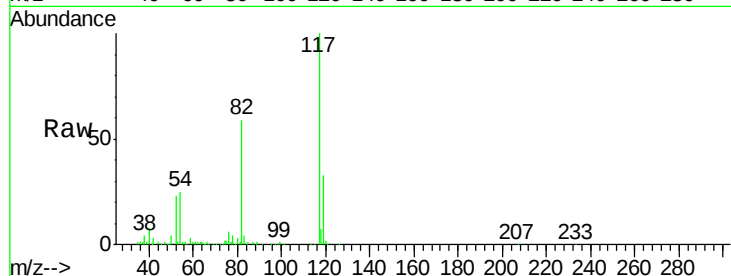




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061618.D
Acq: 12 Feb 2019 19:36

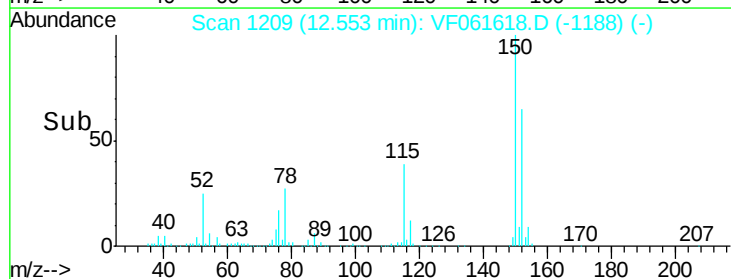
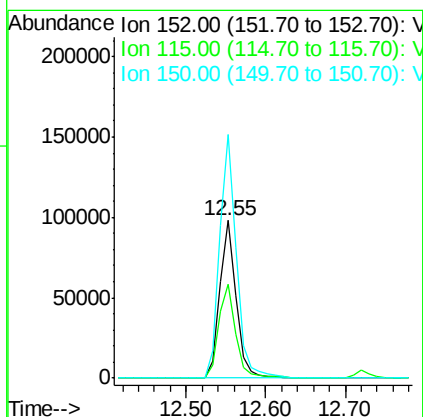
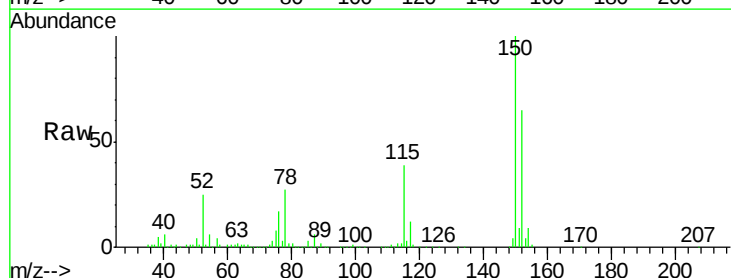
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-L

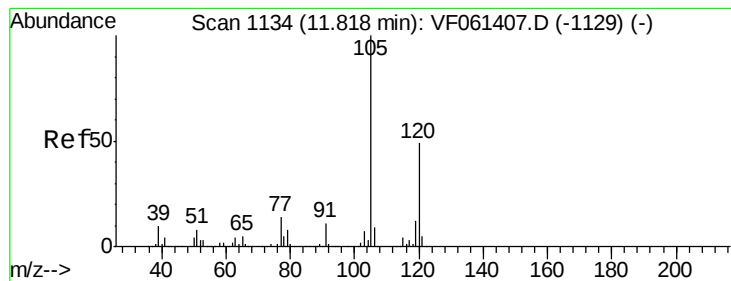
Tot Ion:117 Resp: 298663
Ion Ratio Lower Upper
117 100
82 59.1 46.4 69.6
119 33.4 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061618.D
Acq: 12 Feb 2019 19:36

Tgt Ion:152 Resp: 143989
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.0
150 154.3 0.0 321.4





#80

1,3,5-Trimethylbenzene

Concen: 1.041 ug/l

RT: 11.82 min Scan# 1135

Delta R.T. 0.00 min

Lab File: VF061618.D

Acq: 12 Feb 2019 19:36

Instrument :

MSVOA_F

ClientSampleId :

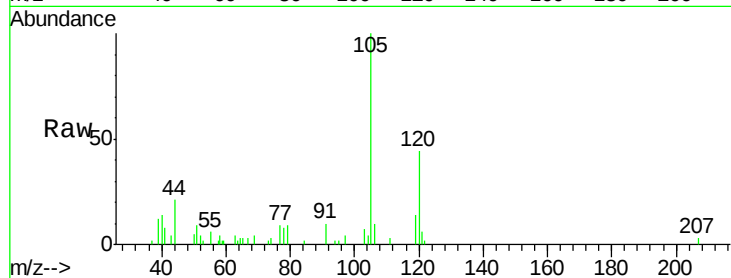
JC-02-021119-L

Tot Ion:105 Resp: 9835

Ion Ratio Lower Upper

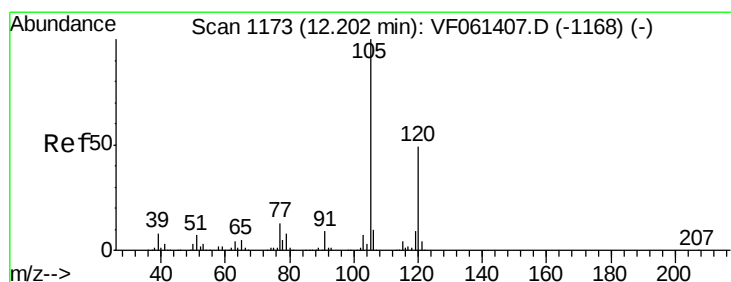
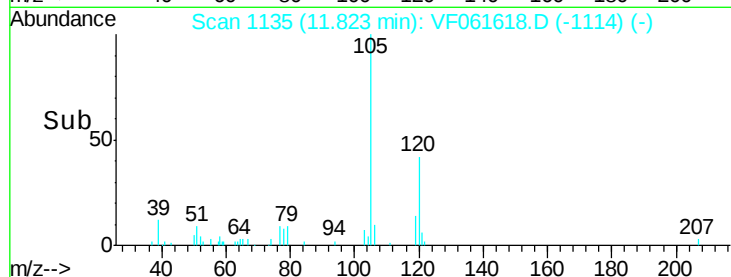
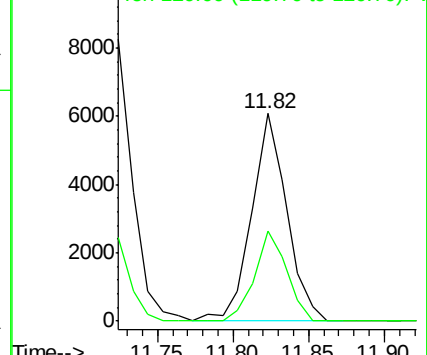
105 100

120 43.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.932 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VF061618.D

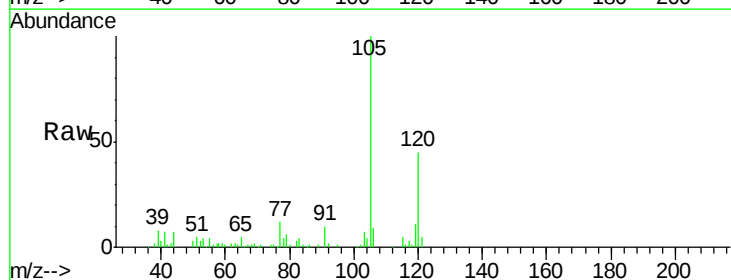
Acq: 12 Feb 2019 19:36

Tgt Ion:105 Resp: 38273

Ion Ratio Lower Upper

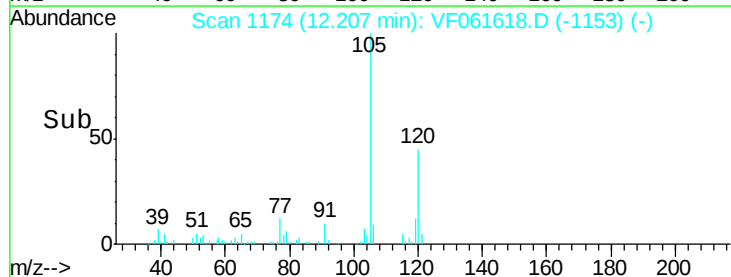
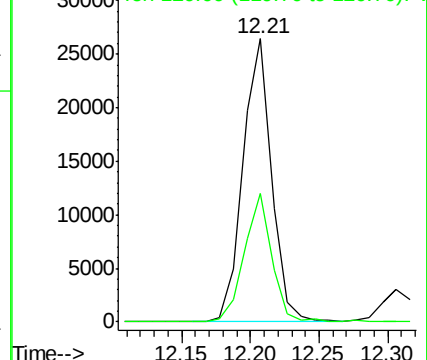
105 100

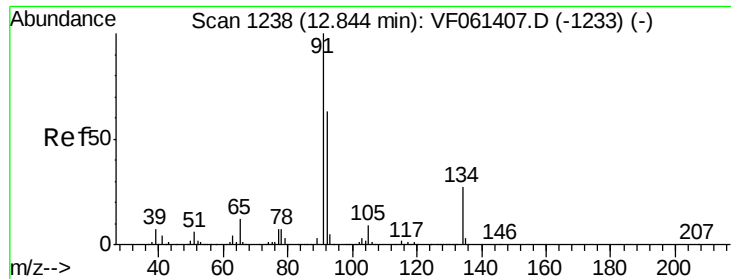
120 45.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

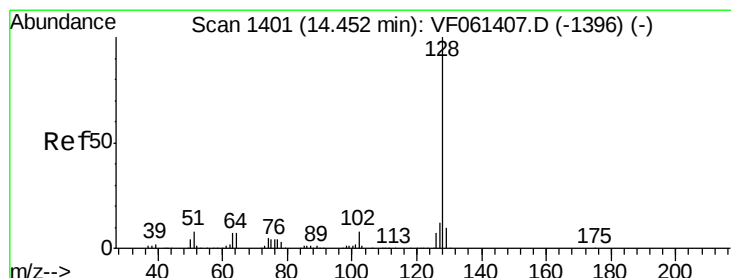
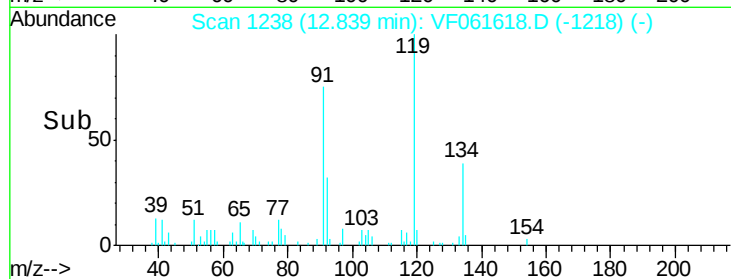
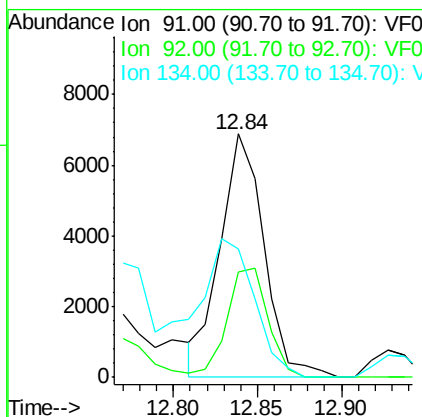
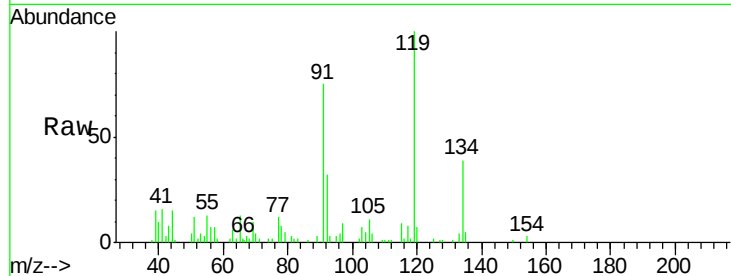




#89
n-Butylbenzene
Concen: 1.110 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VF061618.D
Acq: 12 Feb 2019 19:36

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

Tot Ion: 91 Resp: 12483
Ion Ratio Lower Upper
91 100
92 43.1 31.6 94.7
134 52.8 13.6 40.8#



#95
Naphthalene
Concen: 2.632 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.00 min
Lab File: VF061618.D
Acq: 12 Feb 2019 19:36

Tgt Ion: 128 Resp: 16208
Ion Ratio Lower Upper
128 100
127 17.0 9.5 14.3#
129 24.0 8.4 12.6#

