

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031319\
 Data File : VF061932.D
 Acq On : 13 Mar 2019 17:24
 Operator : VA/AP
 Sample : K1873-01
 Misc : 4.55g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 371

Quant Time: Mar 14 01:37:15 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

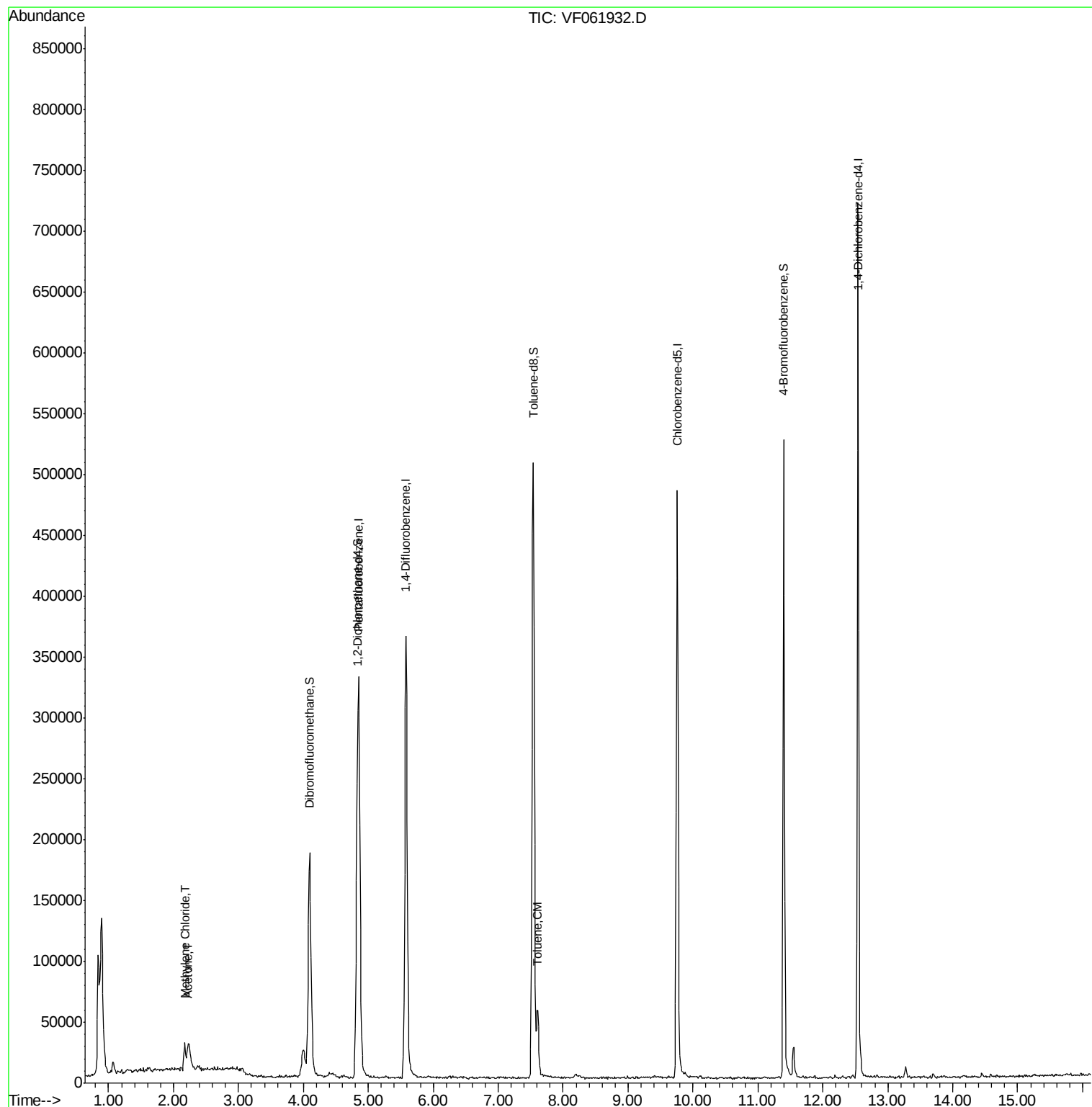
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	299213	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	457536	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	378998	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	203059	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	120181	55.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	110.30%	
35) Dibromofluoromethane	4.10	113	179347	56.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	112.34%	
50) Toluene-d8	7.54	98	461587	48.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.40	95	196337	52.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.62%	
Target Compounds						
16) Acetone	2.24	43	11208	24.555	ug/l #	90
20) Methylene Chloride	2.18	84	25820m	5.496	ug/l	
52) Toluene	7.61	92	29822	4.462	ug/l	91

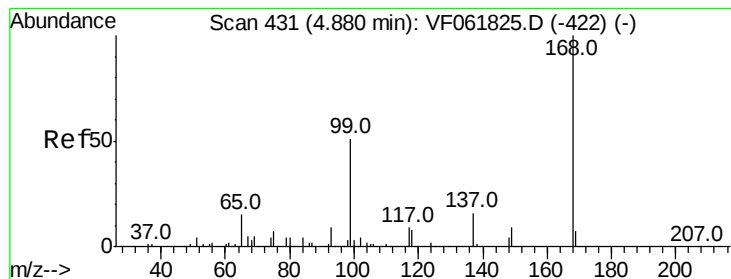
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031319\
Data File : VF061932.D
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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: VF061932.D

Acq: 13 Mar 2019 17:24

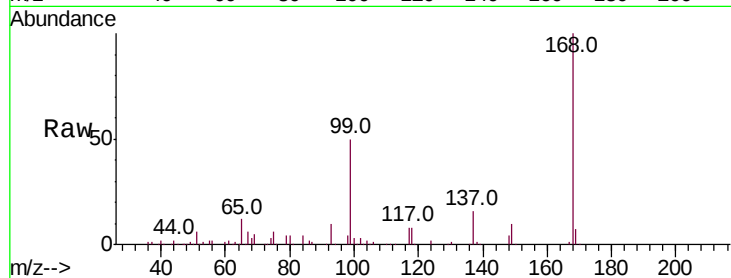
Instrument :
MSVOA_F
ClientSampleId :
371

Tot Ion:168 Resp: 299213

Ion Ratio Lower Upper

168 100

99 49.9 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

100000

80000

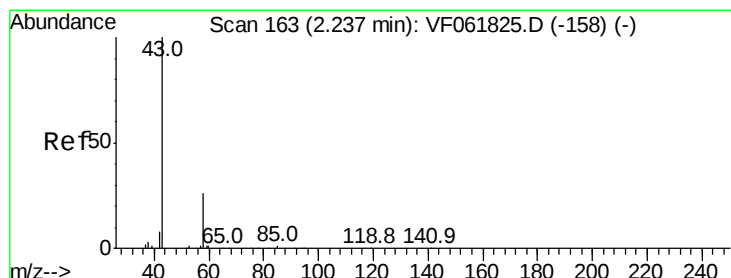
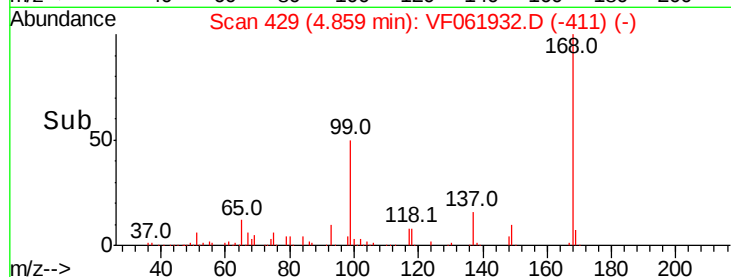
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 24.555 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF061932.D

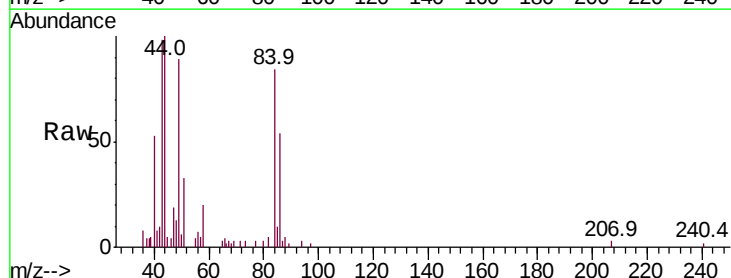
Acq: 13 Mar 2019 17:24

Tgt Ion: 43 Resp: 11208

Ion Ratio Lower Upper

43 100

58 20.3 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

5000

4000

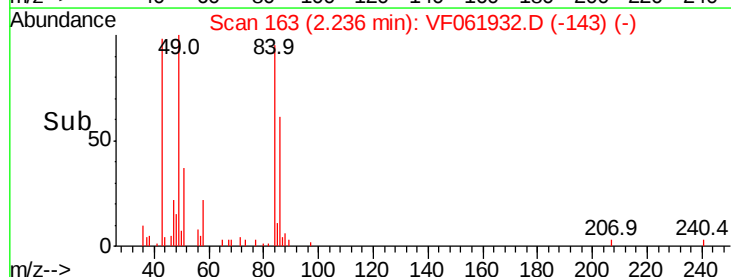
3000

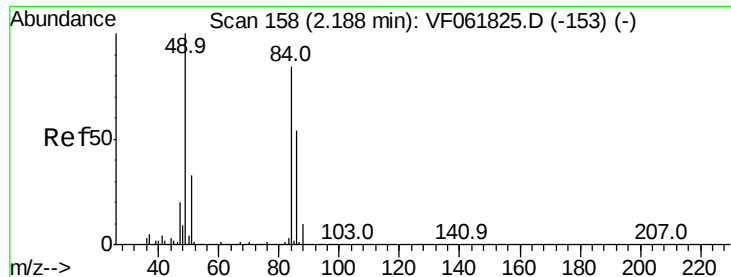
2000

1000

0

Time-->

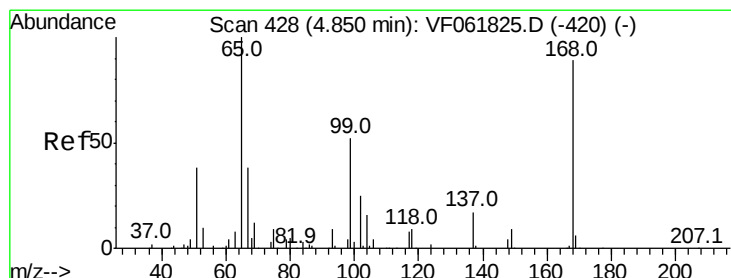
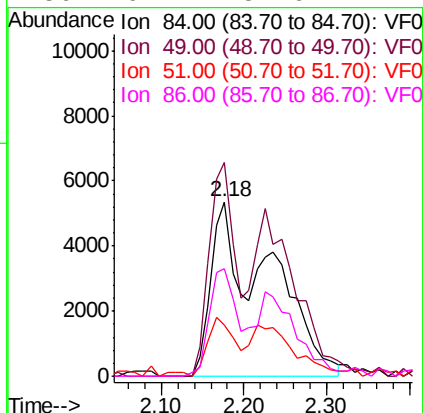
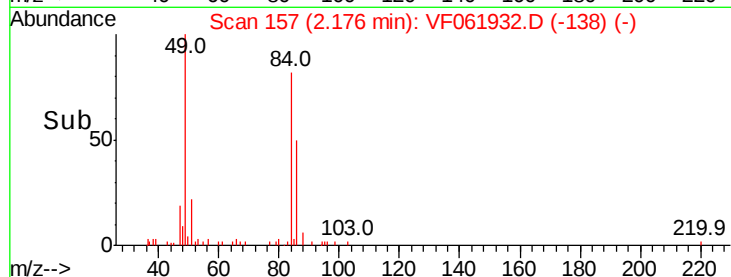
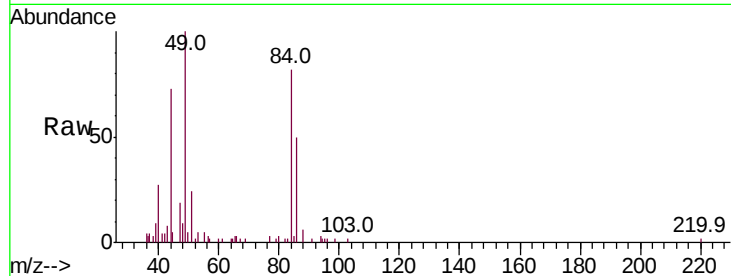




#20
Methvlene Chloride
Concen: 5.496 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061932.D
Acq: 13 Mar 2019 17:24

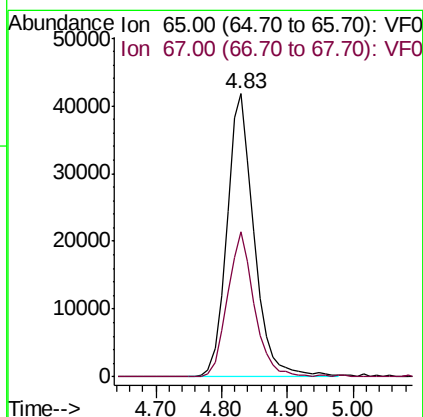
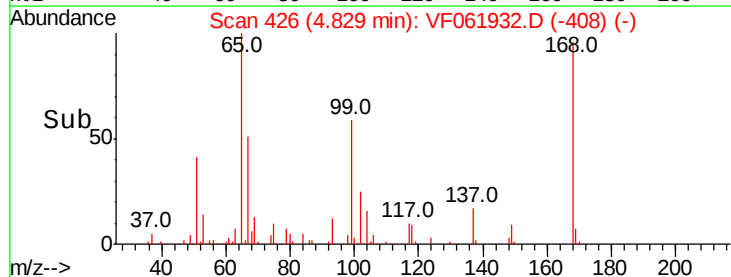
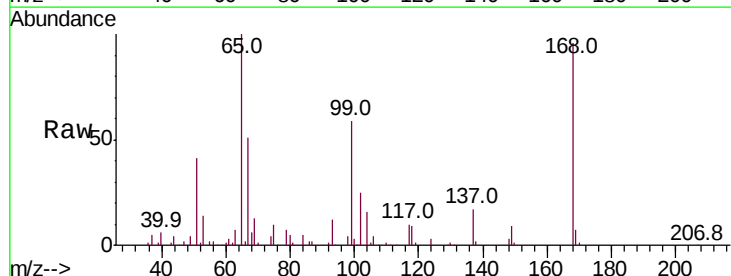
Instrument :
MSVOA_F
ClientSampleId :
371

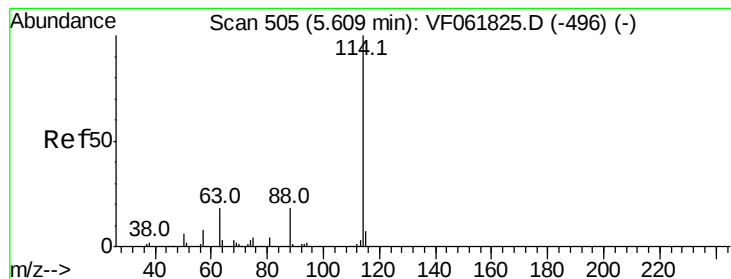
Tot Ion: 84 Resp: 25820
Ion Ratio Lower Upper
84 100
49 122.5 96.8 145.2
51 29.5 31.8 47.6#
86 61.7 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 55.154 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061932.D
Acq: 13 Mar 2019 17:24

Tgt Ion: 65 Resp: 120181
Ion Ratio Lower Upper
65 100
67 51.2 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061932.D

Acq: 13 Mar 2019 17:24

Instrument :

MSVOA_F

ClientSampleId :

371

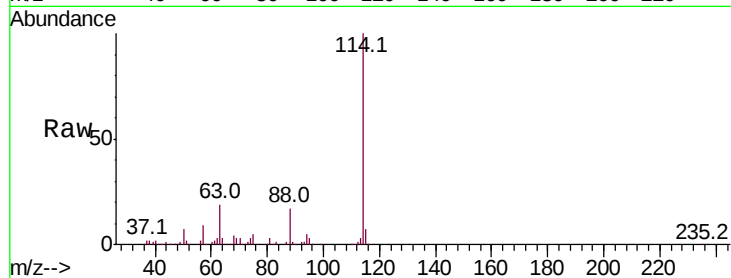
Tot Ion:114 Resp: 457536

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

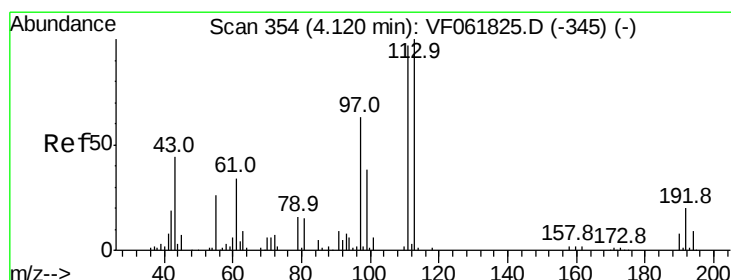
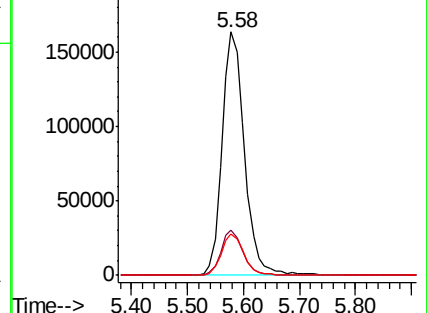
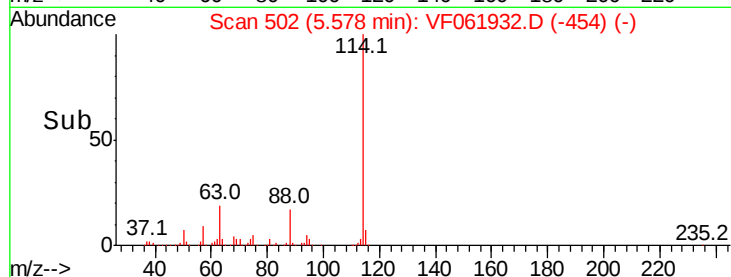
88 17.2 0.0 35.6



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: 56.169 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061932.D

Acq: 13 Mar 2019 17:24

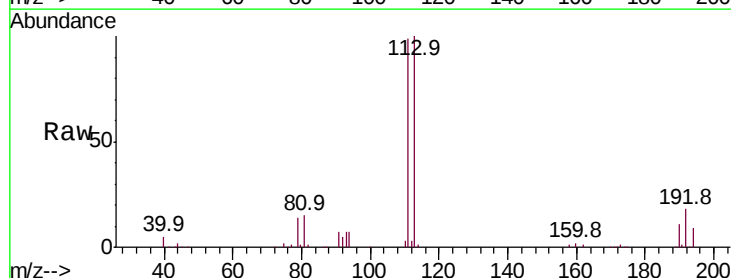
Tgt Ion:113 Resp: 179347

Ion Ratio Lower Upper

113 100

111 99.0 77.6 116.4

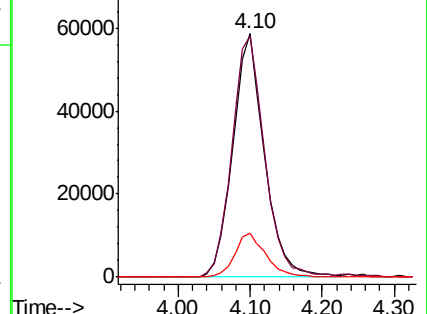
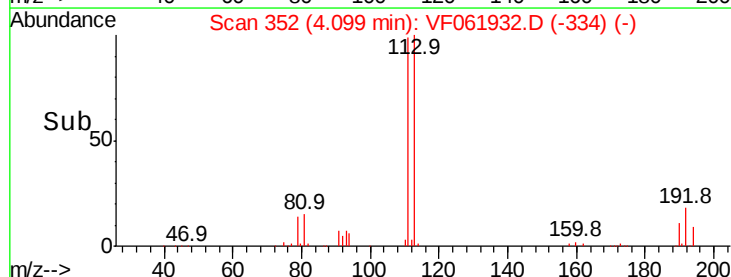
192 18.3 15.9 23.9

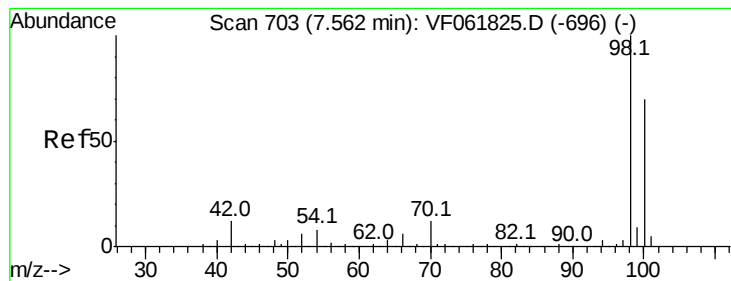


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 48.636 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061932.D

Acq: 13 Mar 2019 17:24

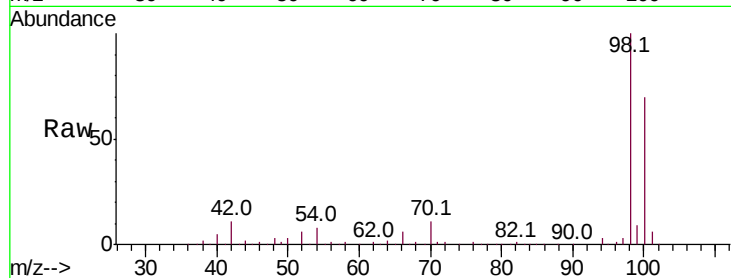
Instrument :
MSVOA_F
ClientSampled :
371

Tot Ion: 98 Resp: 461587

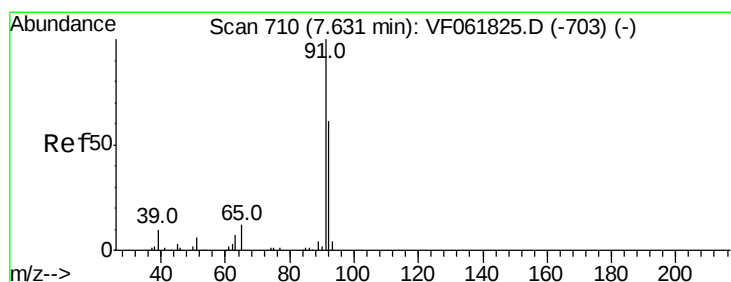
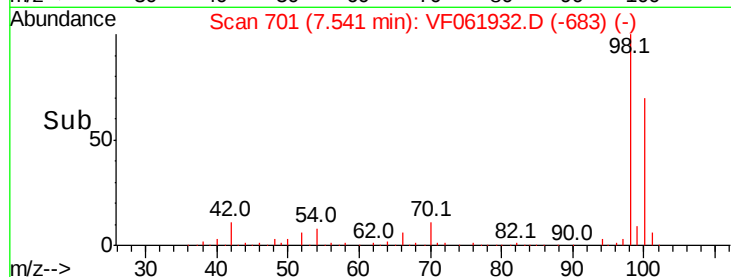
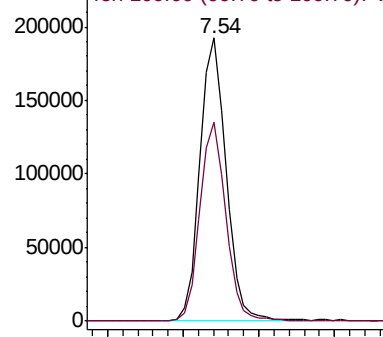
Ion Ratio Lower Upper

98 100

100 70.2 56.0 84.0



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



#52

Toluene

Concen: 4.462 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.02 min

Lab File: VF061932.D

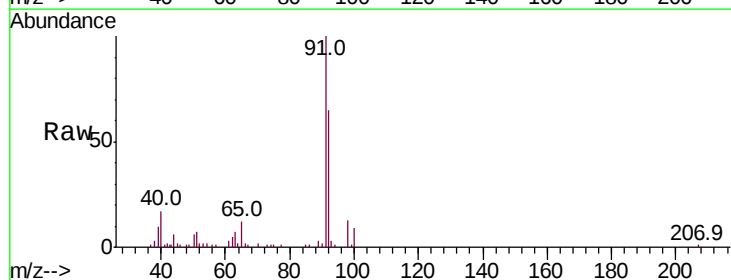
Acq: 13 Mar 2019 17:24

Tgt Ion: 92 Resp: 29822

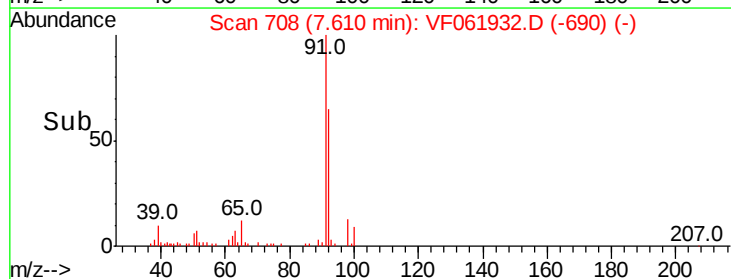
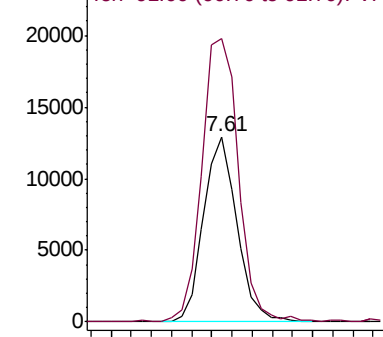
Ion Ratio Lower Upper

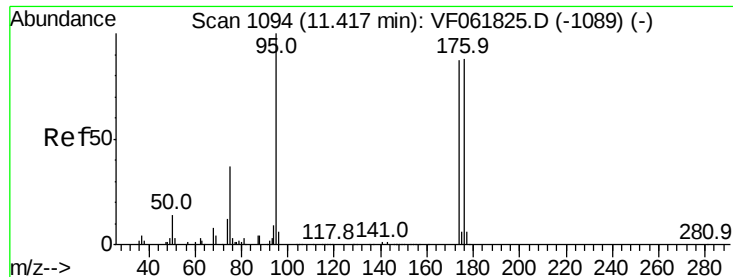
92 100

91 153.0 132.0 198.0



Abundance Ion 92.00 (91.70 to 92.70): VF0
Ion 91.00 (90.70 to 91.70): VF0





#62

4-Bromofluorobenzene

Concen: 52.812 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061932.D

Acq: 13 Mar 2019 17:24

Instrument :

MSVOA_F

ClientSampleId :

371

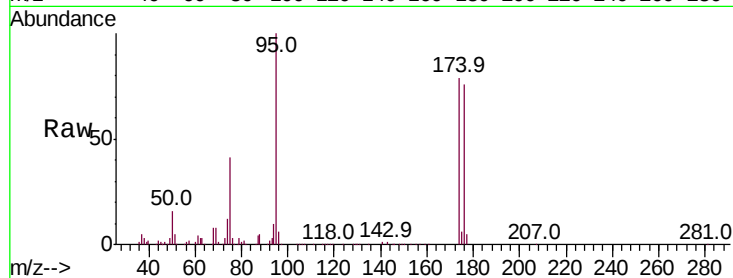
Tot Ion: 95 Resp: 196337

Ion Ratio Lower Upper

95 100

174 78.8 0.0 174.0

176 75.7 0.0 175.2



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

11.40

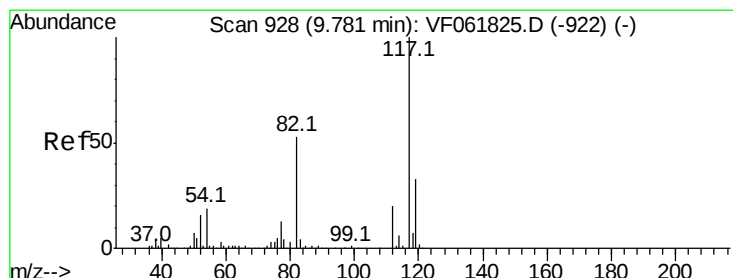
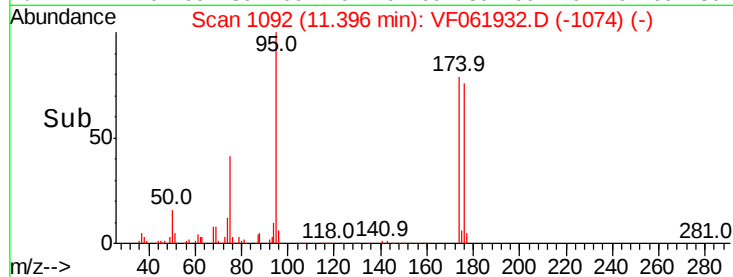
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.02 min

Lab File: VF061932.D

Acq: 13 Mar 2019 17:24

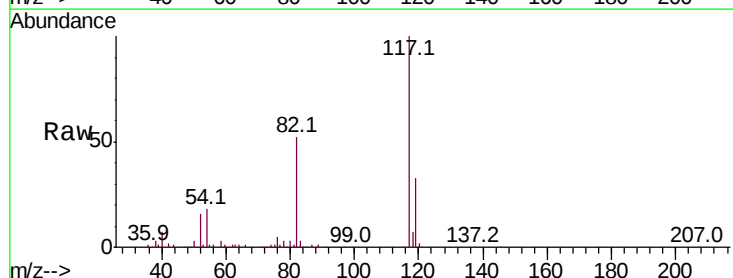
Tgt Ion: 117 Resp: 378998

Ion Ratio Lower Upper

117 100

82 51.6 42.6 63.8

119 32.8 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

9.76

200000

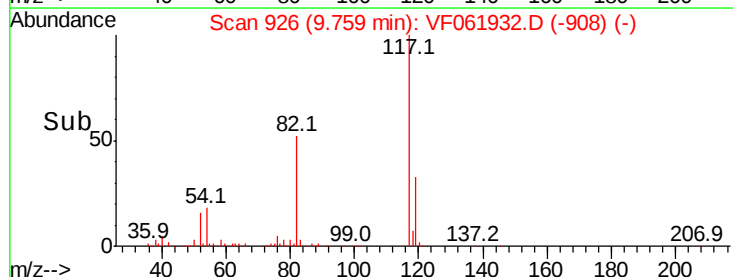
150000

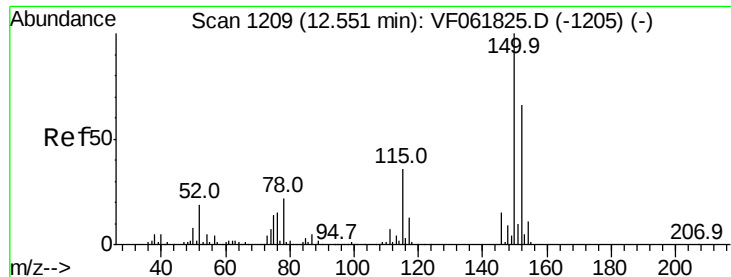
100000

50000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061932.D

Acq: 13 Mar 2019 17:24

Instrument :

MSVOA_F

ClientSampleId :

371

Tot Ion:152 Resp: 203059

Ion Ratio Lower Upper

152 100

115 53.9 27.7 83.1

150 155.4 0.0 304.2

