

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061777.D
 Acq On : 27 Feb 2019 20:24
 Operator : VA/AP
 Sample : K1350-15
 Misc : 7.53g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-01-022619-C

Quant Time: Feb 28 01:19:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

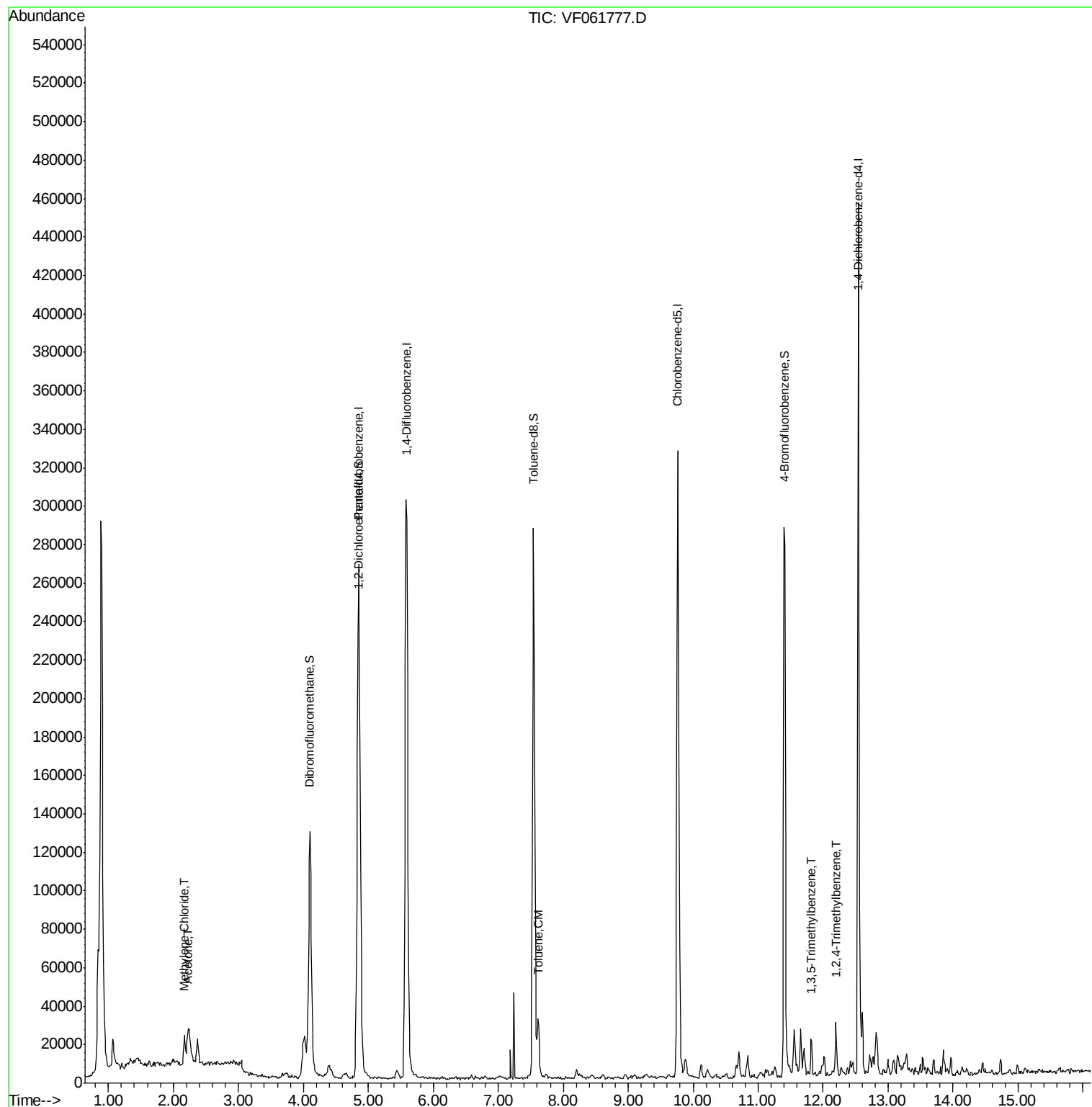
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	248177	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	383041	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	269068	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	127534	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	78145	42.94	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	85.88%	
35) Dibromofluoromethane	4.10	113	122751	43.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.30%	
50) Toluene-d8	7.54	98	249321	30.49	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	60.98%	
62) 4-Bromofluorobenzene	11.40	95	115818	35.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	70.02%	
Target Compounds						
16) Acetone	2.23	43	12678	32.468	ug/l	97
20) Methylene Chloride	2.18	84	18265m	6.538	ug/l	
52) Toluene	7.61	92	17693	2.939	ug/l	93
80) 1,3,5-Trimethylbenzene	11.81	105	10797	1.488	ug/l	98
84) 1,2,4-Trimethylbenzene	12.20	105	11807	1.638	ug/l	94

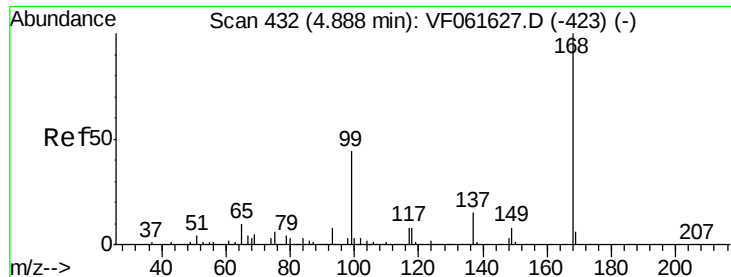
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022719\
Data File : VF061777.D
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061777.D

Acq: 27 Feb 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

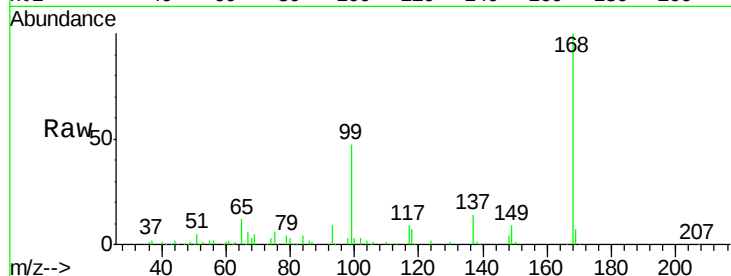
EO-01-022619-C

Tot Ion:168 Resp: 248177

Ion Ratio Lower Upper

168 100

99 47.2 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

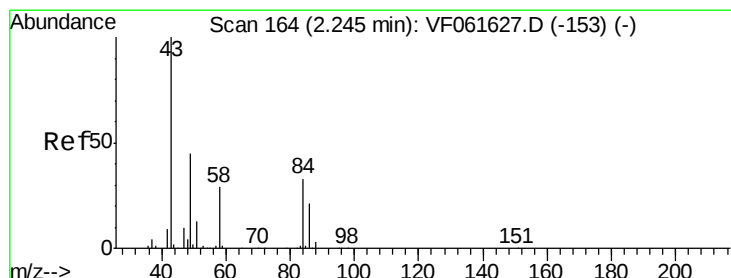
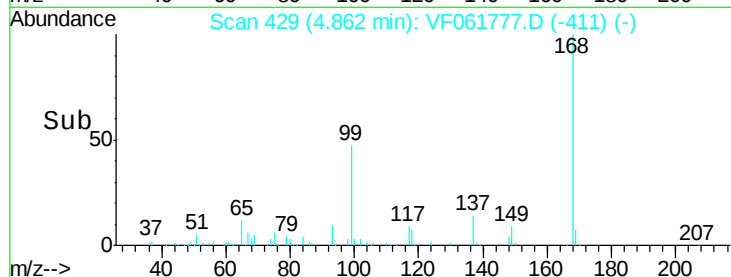
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 32.468 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061777.D

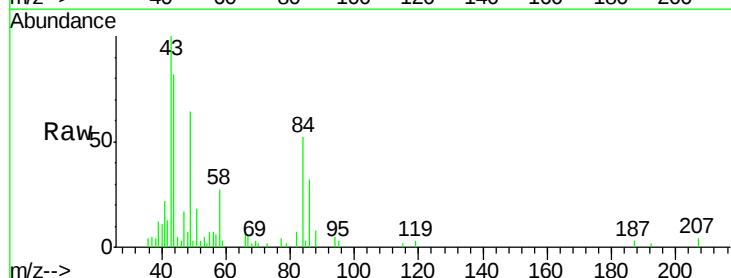
Acq: 27 Feb 2019 20:24

Tgt Ion: 43 Resp: 12678

Ion Ratio Lower Upper

43 100

58 26.9 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

5000

4000

3000

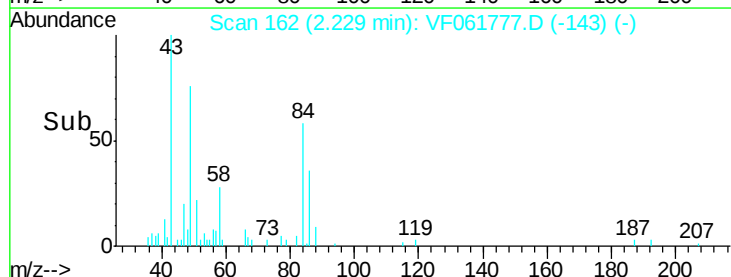
2000

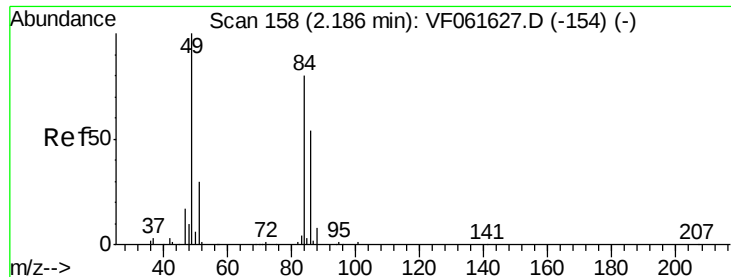
1000

0

Time-->

2.20 2.30





#20

Methylene Chloride

Concen: 6.538 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF061777.D

Acq: 27 Feb 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

EO-01-022619-C

Tot Ion: 84 Resp: 18265

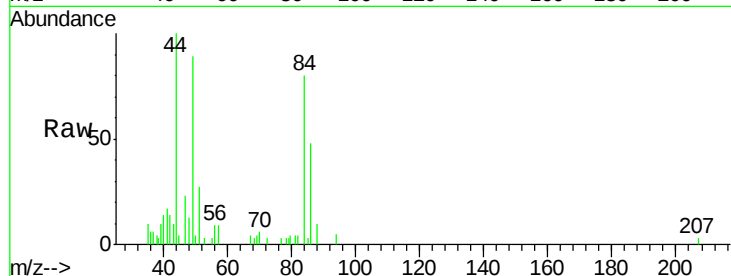
Ion Ratio Lower Upper

84 100

49 111.3 101.8 152.8

51 33.9 31.1 46.7

86 60.1 54.4 81.6

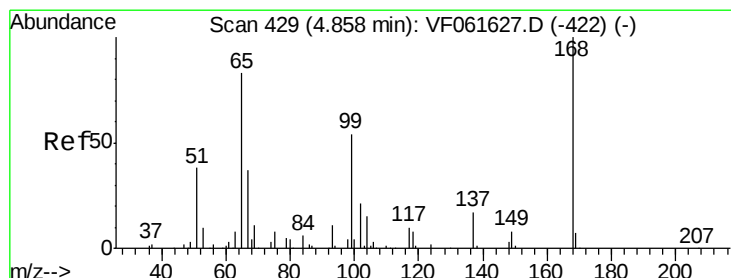
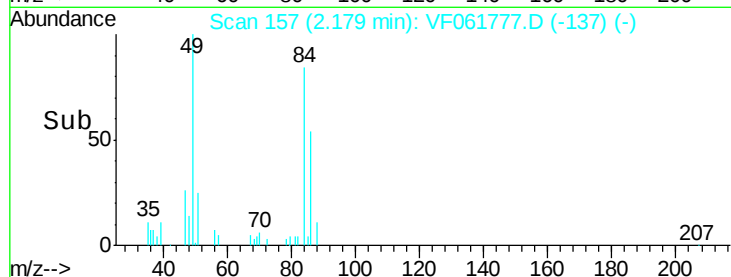
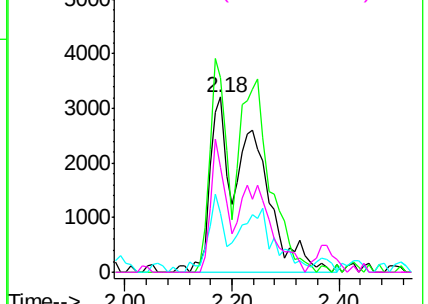


Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 42.939 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.03 min

Lab File: VF061777.D

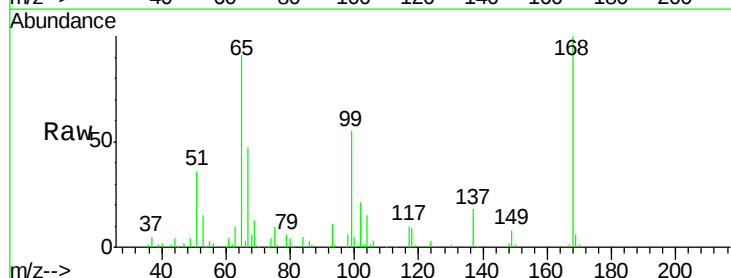
Acq: 27 Feb 2019 20:24

Tgt Ion: 65 Resp: 78145

Ion Ratio Lower Upper

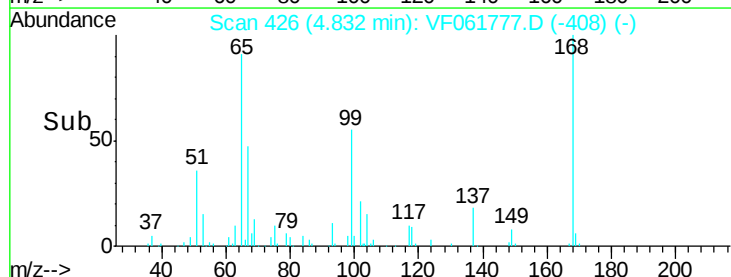
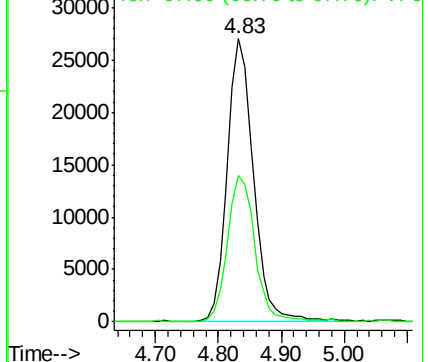
65 100

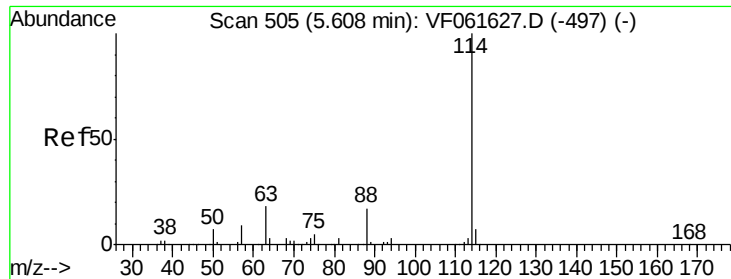
67 51.7 0.0 104.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061777.D

Acq: 27 Feb 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

EO-01-022619-C

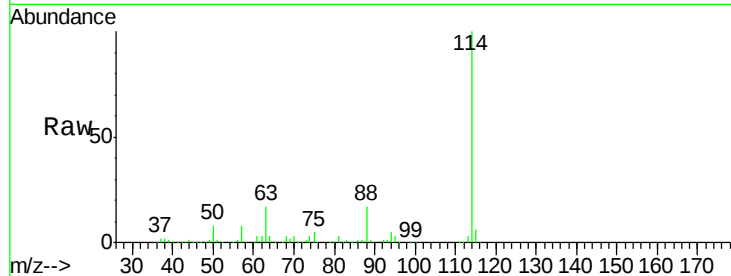
Tot Ion:114 Resp: 383041

Ion Ratio Lower Upper

114 100

63 16.7 0.0 36.6

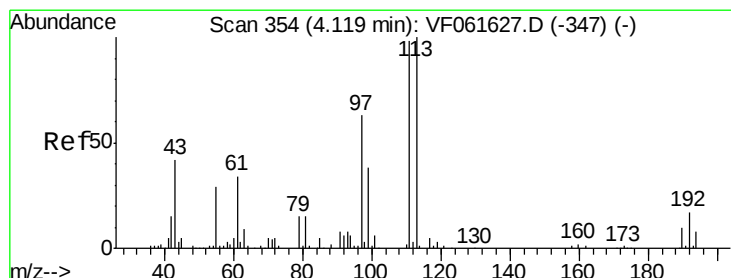
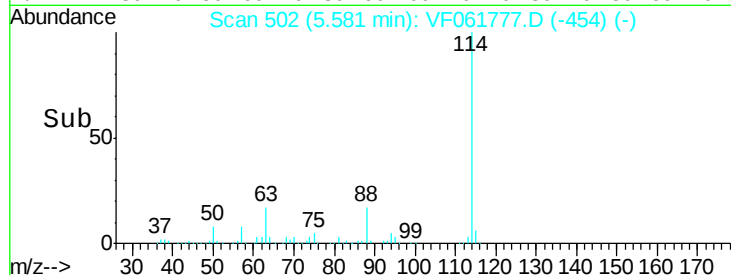
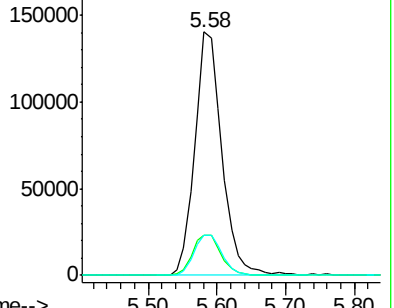
88 16.6 0.0 34.4



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: 43.154 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061777.D

Acq: 27 Feb 2019 20:24

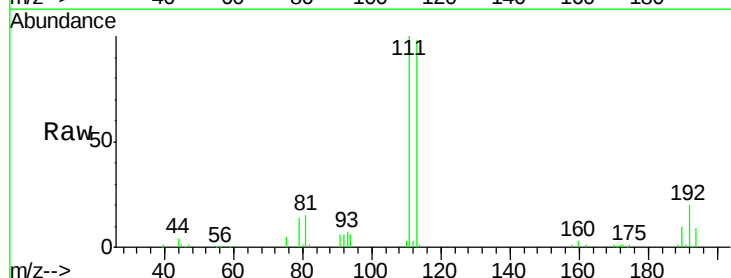
Tgt Ion:113 Resp: 122751

Ion Ratio Lower Upper

113 100

111 102.0 78.8 118.2

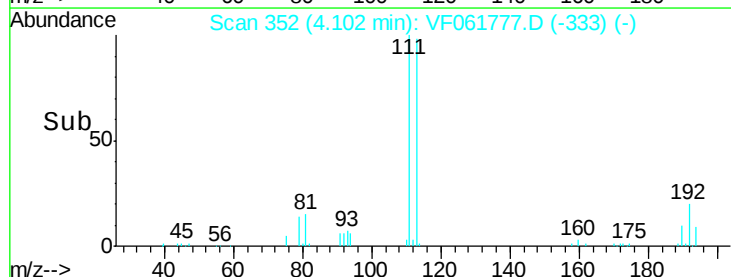
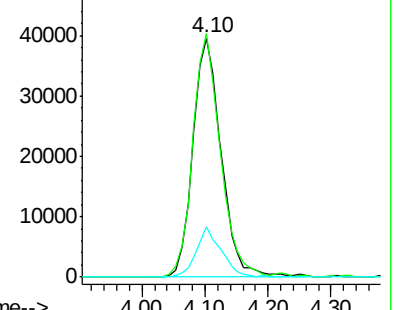
192 21.3 13.4 20.0#

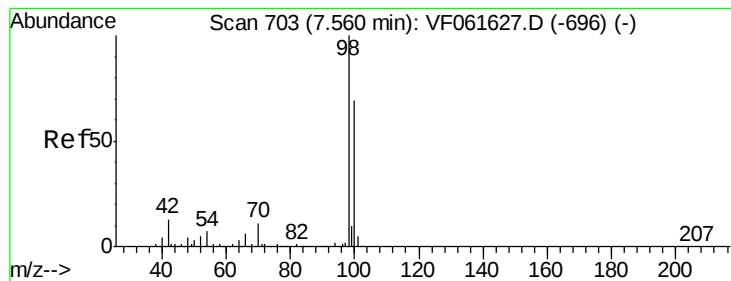


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 30.490 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061777.D

Acq: 27 Feb 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

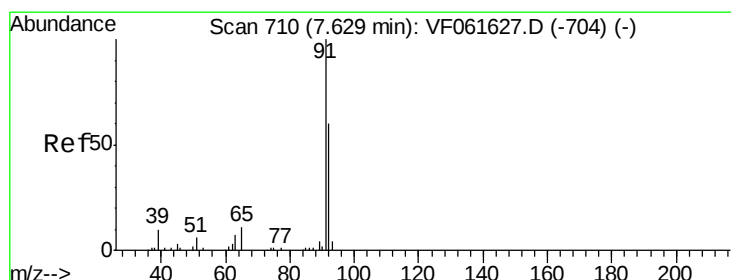
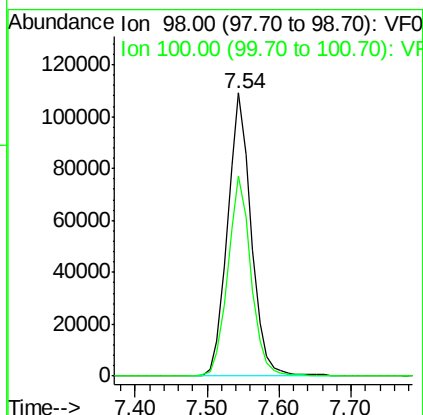
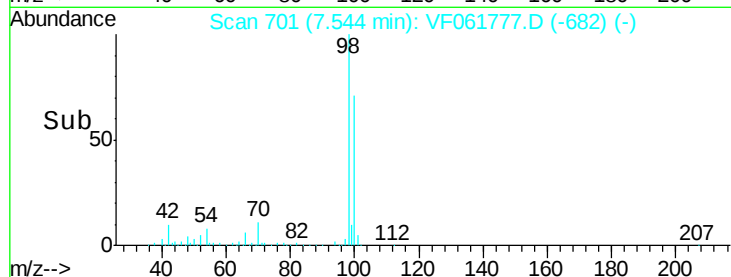
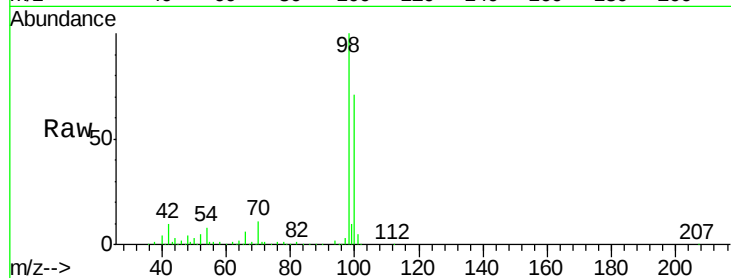
EO-01-022619-C

Tot Ion: 98 Resp: 249321

Ion Ratio Lower Upper

98 100

100 70.8 55.4 83.2



#52

Toluene

Concen: 2.939 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.02 min

Lab File: VF061777.D

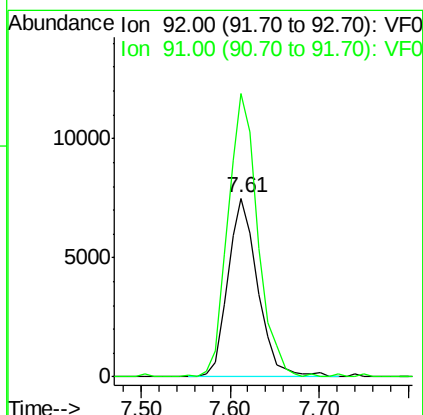
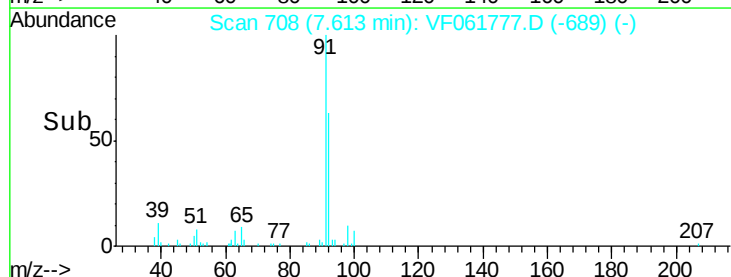
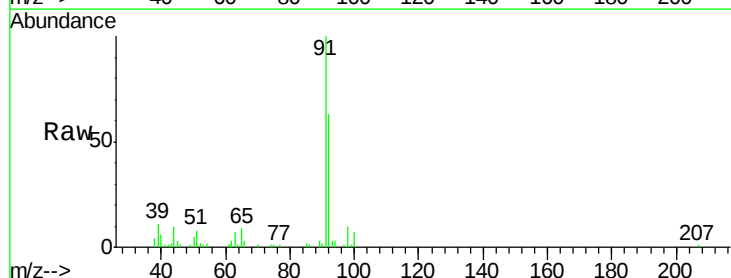
Acq: 27 Feb 2019 20:24

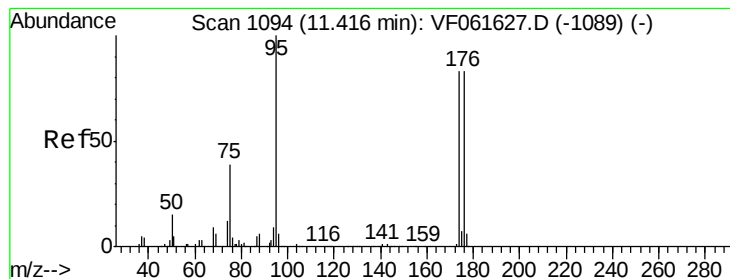
Tgt Ion: 92 Resp: 17693

Ion Ratio Lower Upper

92 100

91 158.5 133.9 200.9





#62

4-Bromofluorobenzene

Concen: 35.005 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061777.D

Acq: 27 Feb 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

EO-01-022619-C

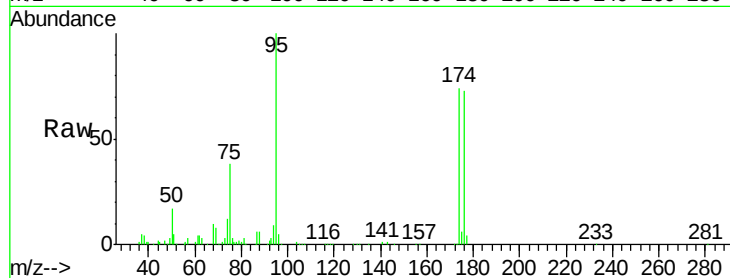
Tot Ion: 95 Resp: 115818

Ion Ratio Lower Upper

95 100

174 73.8 0.0 165.8

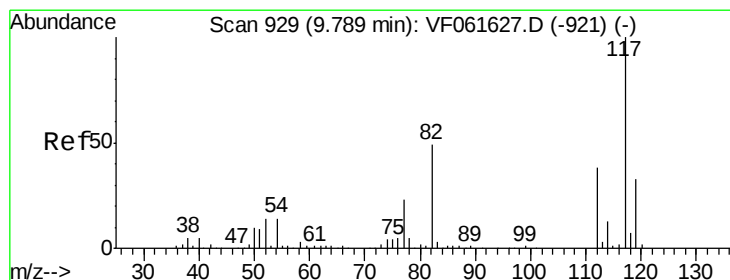
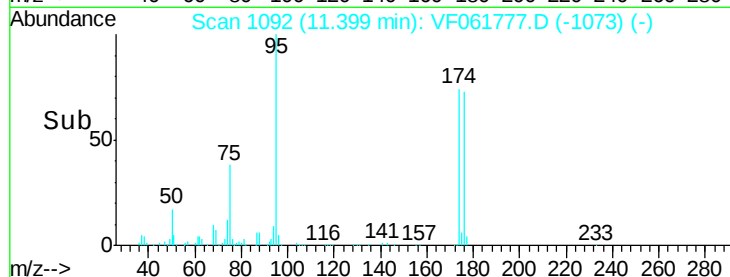
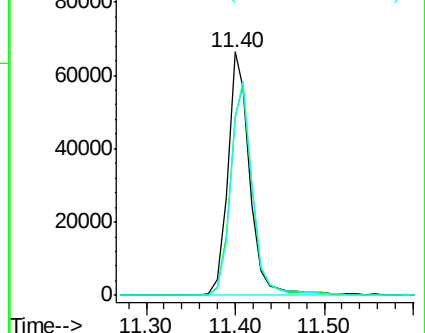
176 72.6 0.0 167.0



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: 9.76 min Scan# 926

Delta R.T. -0.03 min

Lab File: VF061777.D

Acq: 27 Feb 2019 20:24

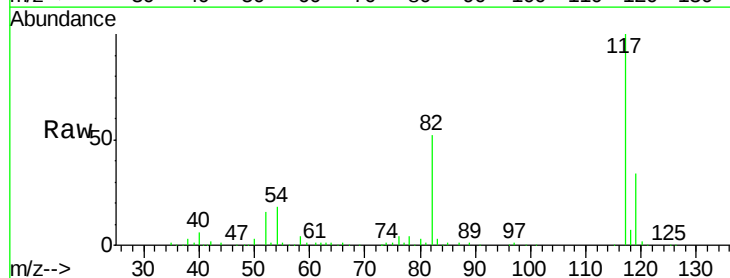
Tgt Ion: 117 Resp: 269068

Ion Ratio Lower Upper

117 100

82 52.4 39.3 58.9

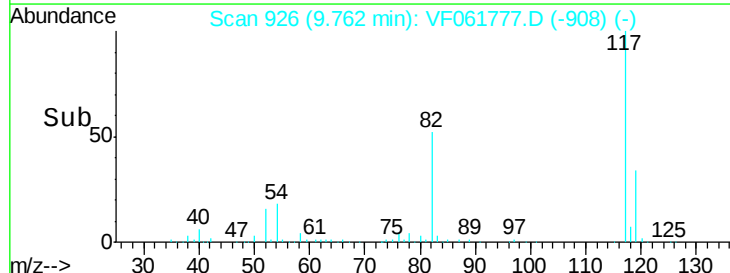
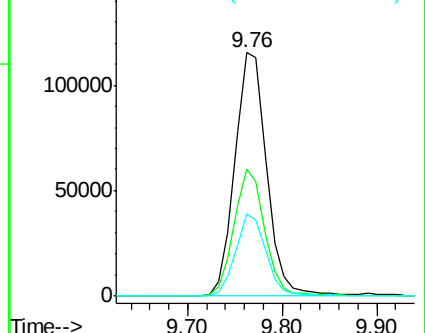
119 33.6 26.6 40.0

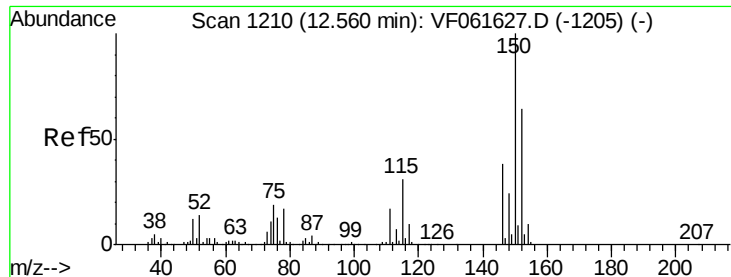


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



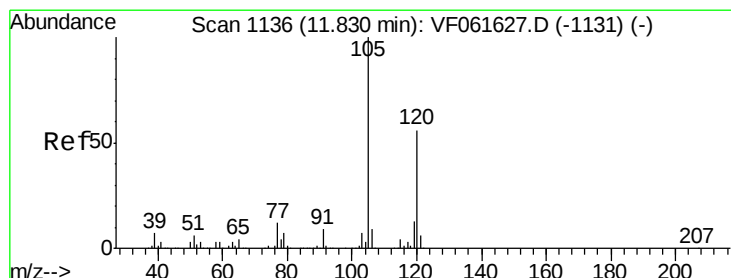
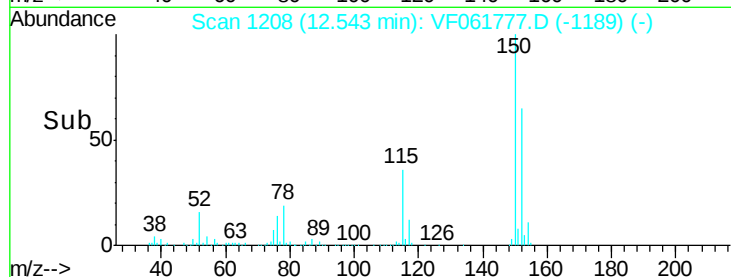
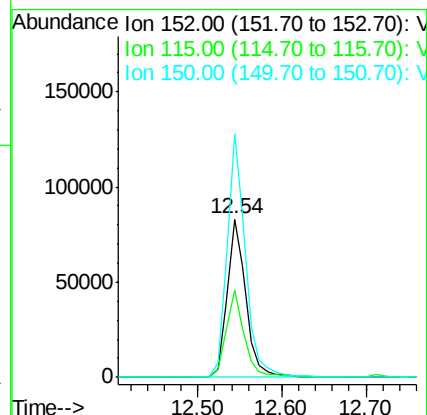
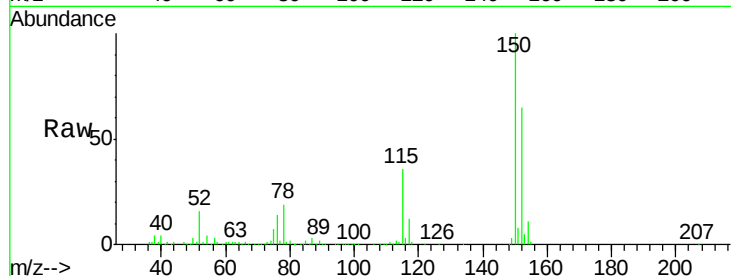


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061777.D
Acq: 27 Feb 2019 20:24

Instrument :
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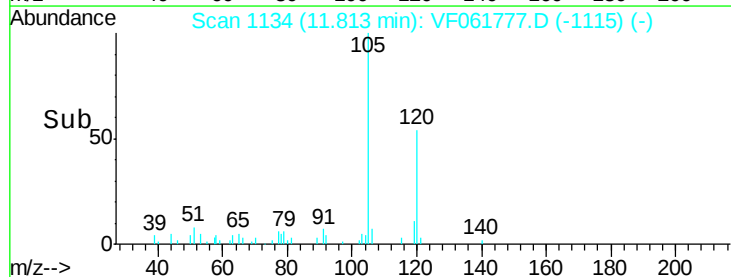
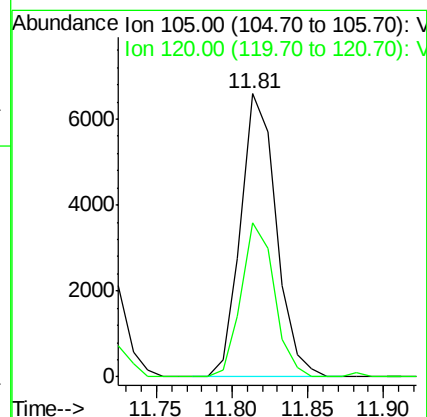
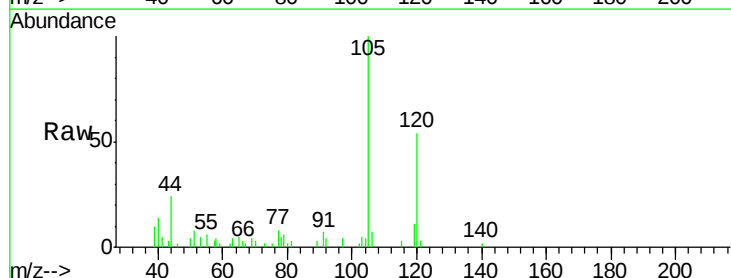
Tot Ion:152 Resp: 127534
Ion Ratio Lower Upper
152 100
115 55.0 24.3 72.8
150 154.2 0.0 312.0

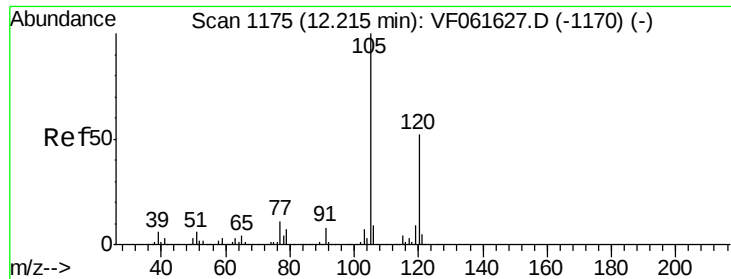


#80

1,3,5-Trimethylbenzene
Concen: 1.488 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. -0.02 min
Lab File: VF061777.D
Acq: 27 Feb 2019 20:24

Tgt Ion:105 Resp: 10797
Ion Ratio Lower Upper
105 100
120 54.5 27.9 83.6





#84

1,2,4-Trimethylbenzene

Concen: 1.638 ug/l

RT: 12.20 min Scan# 1173

Delta R.T. -0.02 min

Lab File: VF061777.D

Acq: 27 Feb 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

EO-01-022619-C

Tot Ion:105 Resp: 11807

Ion Ratio Lower Upper

105 100

120 47.9 26.1 78.3

