

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\
 Data File : VF062864.D
 Acq On : 5 Jun 2019 14:43
 Operator : FY/SY
 Sample : K3151-03RE
 Misc : 5.29g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AU-06-060419-BRE

Quant Time: Jun 06 08:16:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

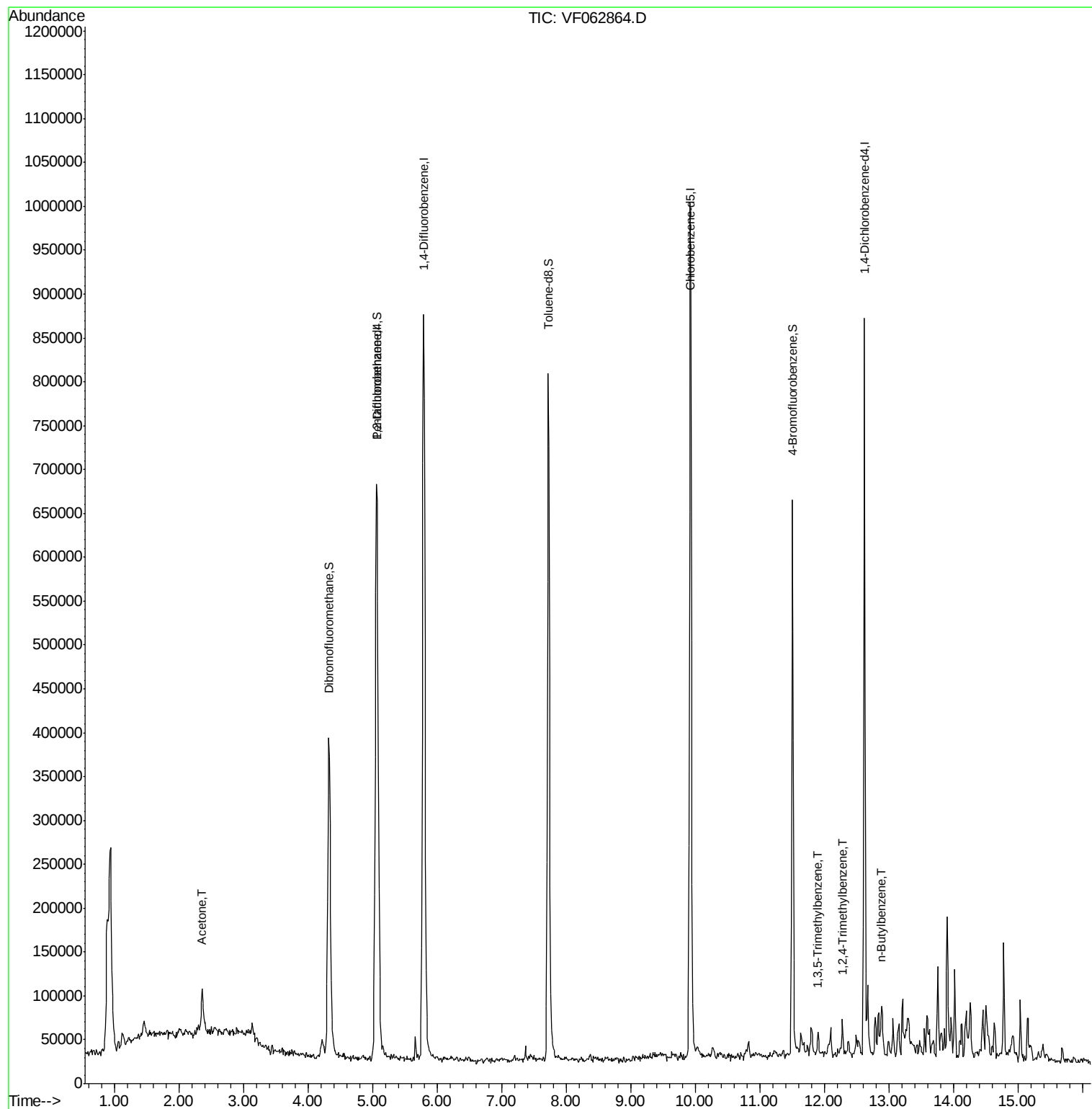
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	579124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1058385	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	744455	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	212914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	207041	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
35) Dibromofluoromethane	4.33	113	378302	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
50) Toluene-d8	7.72	98	700286	34.63	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	69.26%	
62) 4-Bromofluorobenzene	11.51	95	229193	31.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.00%	
Target Compounds						
16) Acetone	2.36	43	75878	82.784	ug/l	98
80) 1,3,5-Trimethylbenzene	11.90	105	13312	1.096	ug/l	89
84) 1,2,4-Trimethylbenzene	12.28	105	16646	1.445	ug/l	100
89) n-Butylbenzene	12.90	91	14518	1.093	ug/l #	57

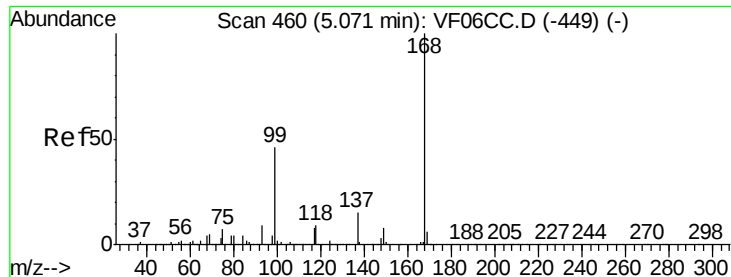
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.00 min

Lab File: VF062864.D

Acq: 5 Jun 2019 14:43

Instrument :

MSVOA_F

ClientSampleId :

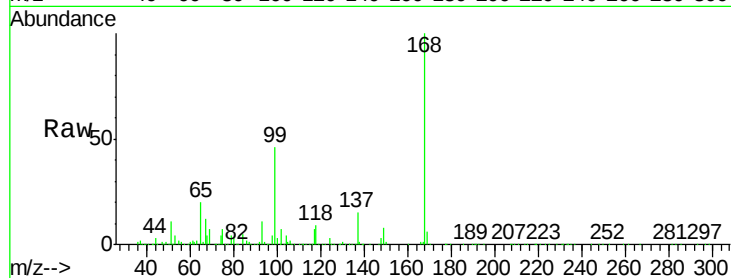
AU-06-060419-BRE

Tot Ion:168 Resp: 579124

Ion Ratio Lower Upper

168 100

99 46.3 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

200000

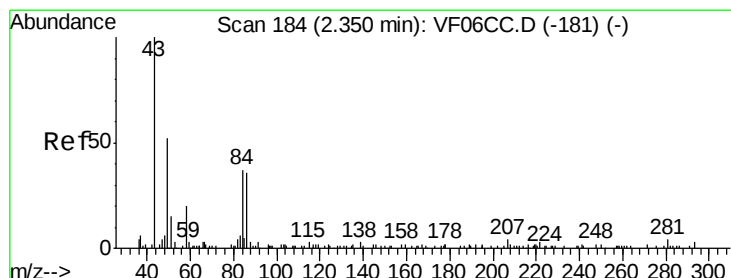
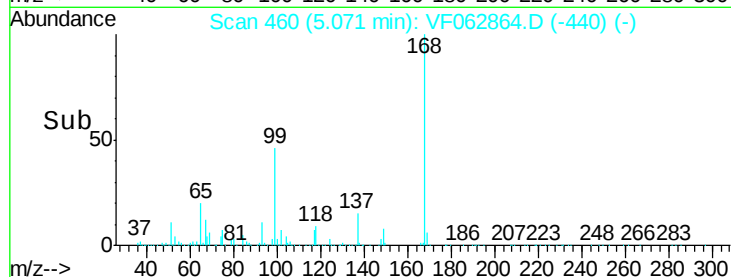
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 82.784 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062864.D

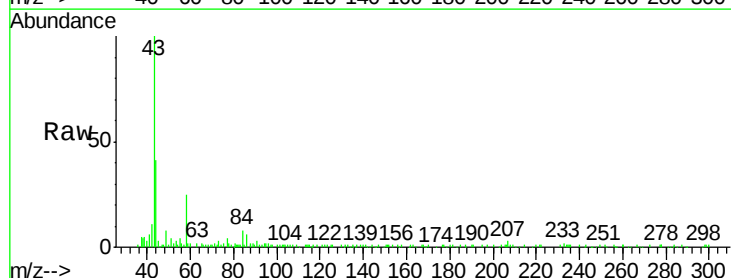
Acq: 5 Jun 2019 14:43

Tgt Ion: 43 Resp: 75878

Ion Ratio Lower Upper

43 100

58 24.9 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

30000

25000

20000

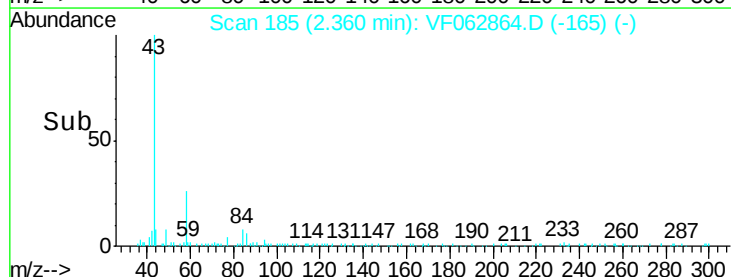
15000

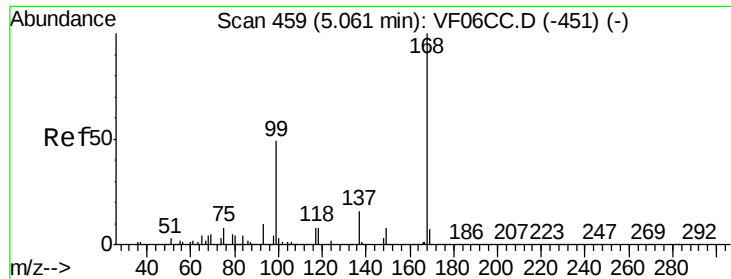
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.700 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF062864.D

Acq: 5 Jun 2019 14:43

Instrument :

MSVOA_F

ClientSampleId :

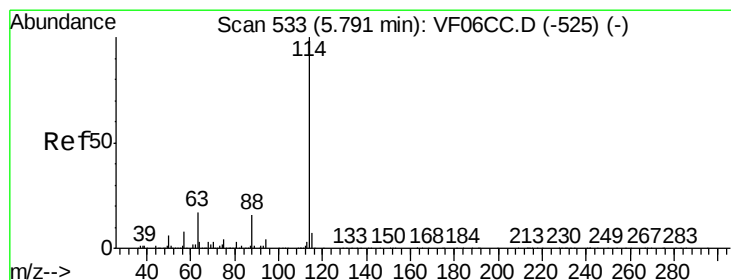
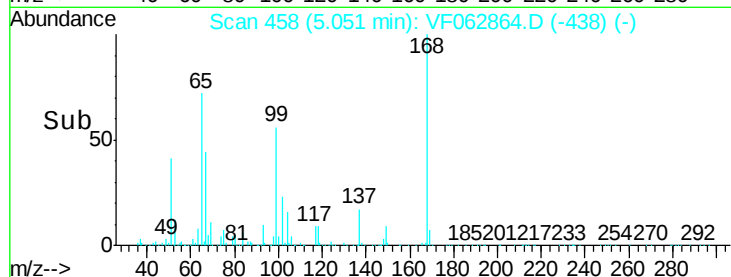
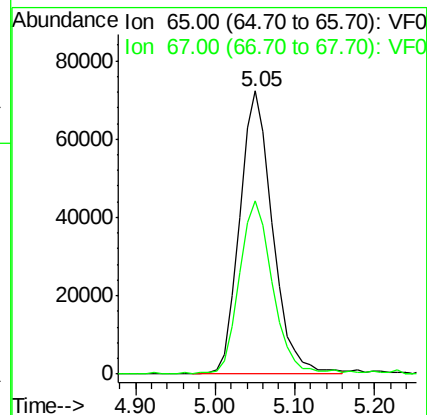
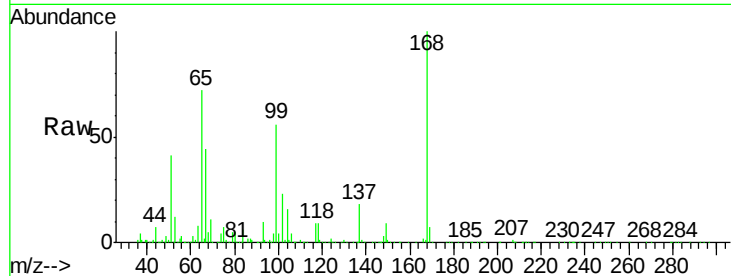
AU-06-060419-BRE

Tot Ion: 65 Resp: 207041

Ion Ratio Lower Upper

65 100

67 61.1 0.0 121.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. -0.01 min

Lab File: VF062864.D

Acq: 5 Jun 2019 14:43

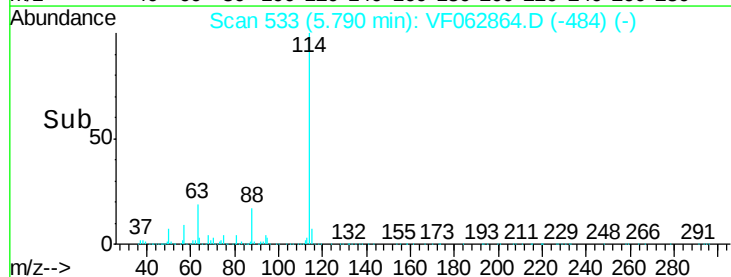
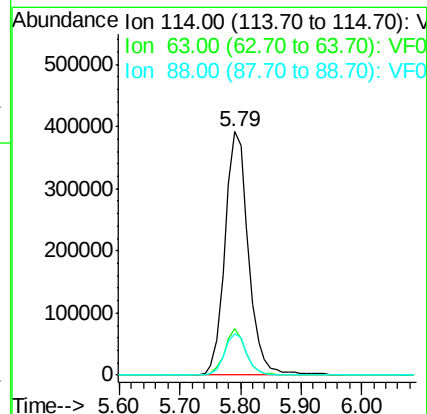
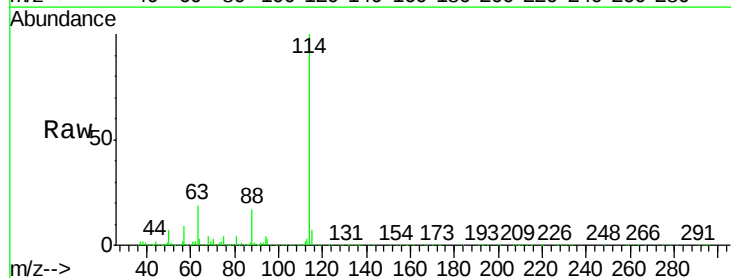
Tgt Ion: 114 Resp: 1058385

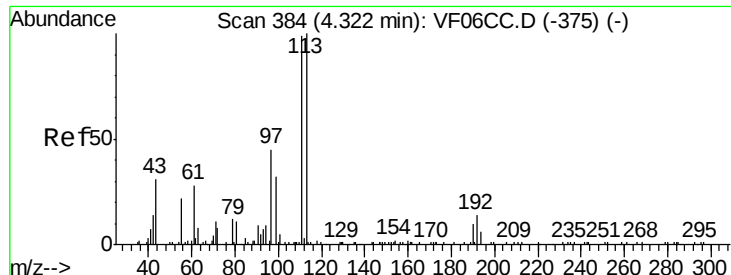
Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.2

88 17.0 0.0 31.2

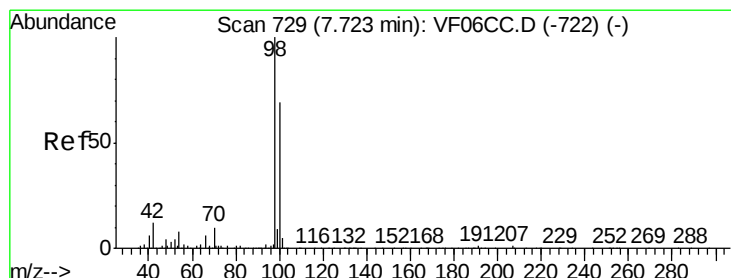
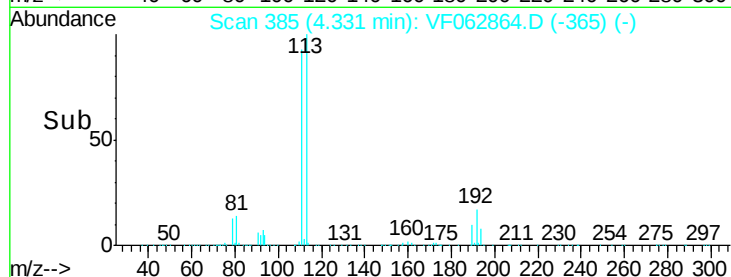
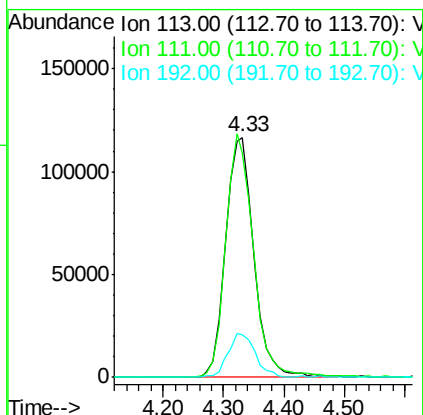
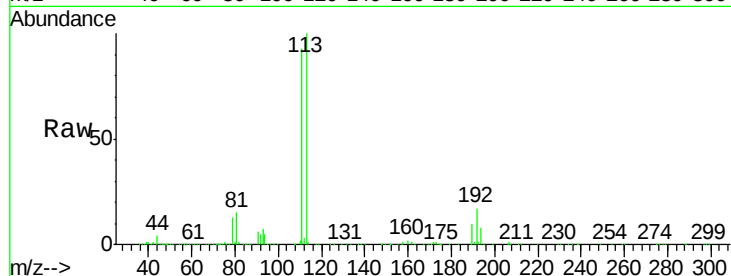




#35
Dibromofluoromethane
Concen: 47.301 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.00 min
Lab File: VF062864.D
Acq: 5 Jun 2019 14:43

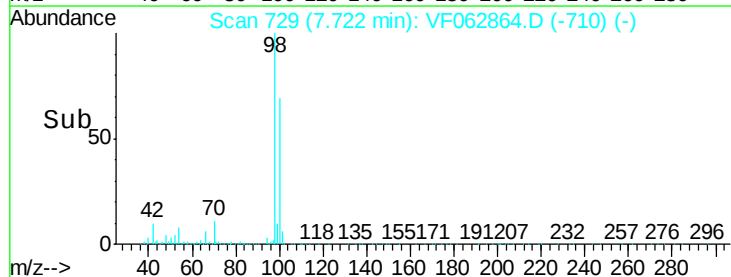
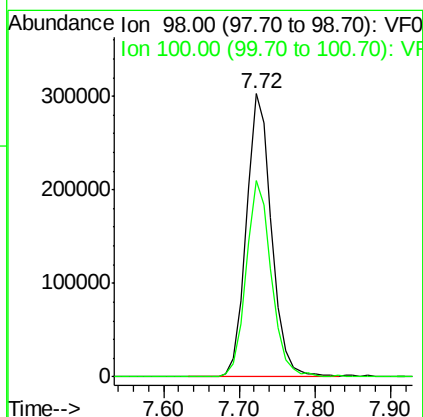
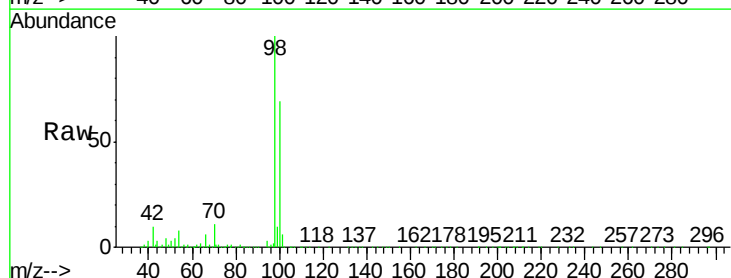
Instrument :
MSVOA_F
ClientSampleId :
AU-06-060419-BRE

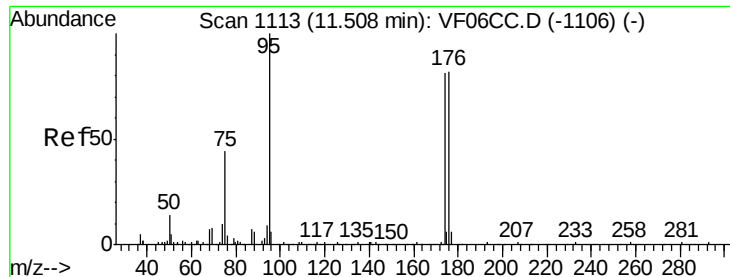
Tot Ion:113 Resp: 378302
Ion Ratio Lower Upper
113 100
111 92.7 81.9 122.9
192 17.5 15.1 22.7



#50
Toluene-d8
Concen: 34.626 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.01 min
Lab File: VF062864.D
Acq: 5 Jun 2019 14:43

Tgt Ion: 98 Resp: 700286
Ion Ratio Lower Upper
98 100
100 69.2 59.8 89.8





#62

4-Bromofluorobenzene

Concen: 31.504 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF062864.D

Acq: 5 Jun 2019 14:43

Instrument :

MSVOA_F

ClientSampleId :

AU-06-060419-BRE

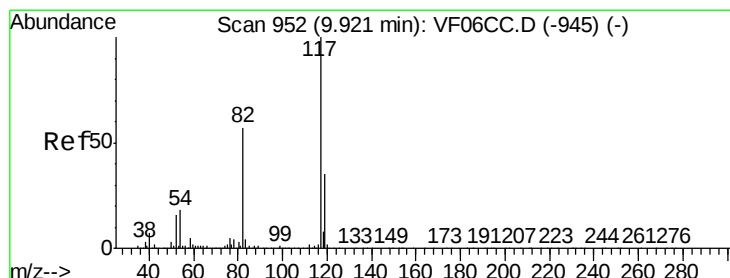
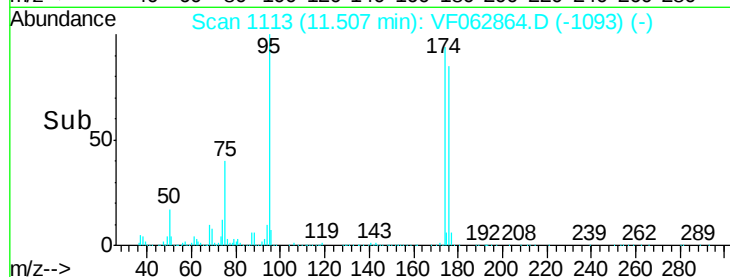
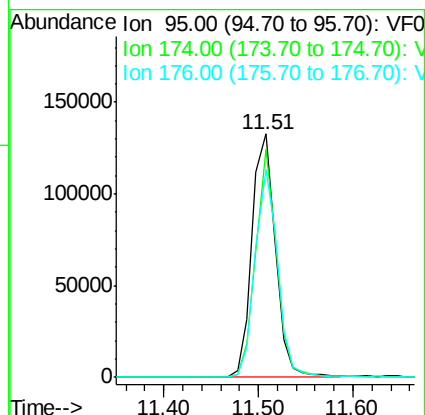
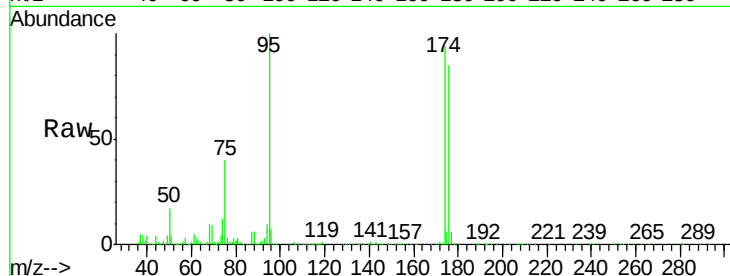
Tot Ion: 95 Resp: 229193

Ion Ratio Lower Upper

95 100

174 93.7 0.0 170.6

176 85.2 0.0 170.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.01 min

Lab File: VF062864.D

Acq: 5 Jun 2019 14:43

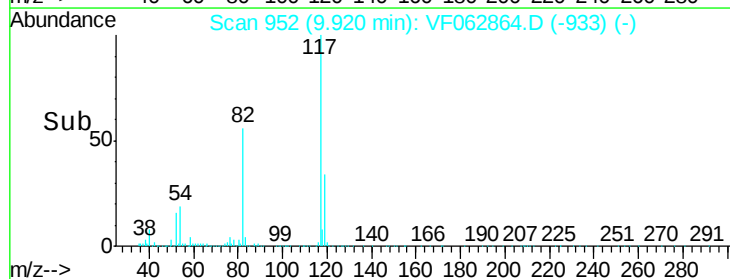
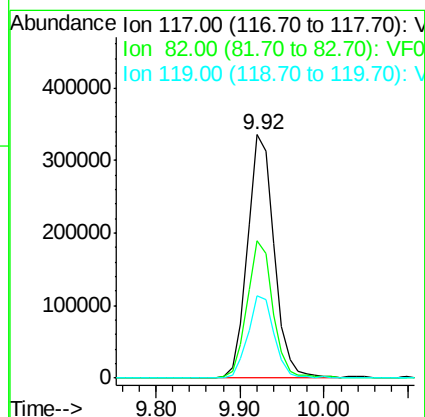
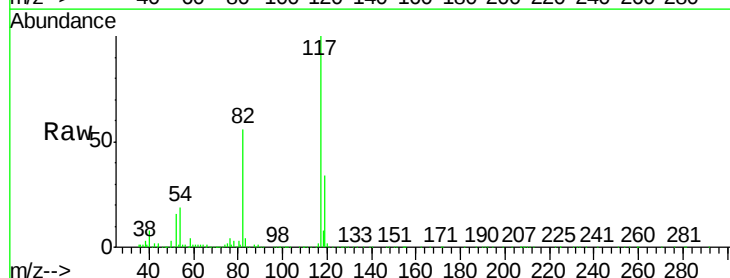
Tgt Ion: 117 Resp: 744455

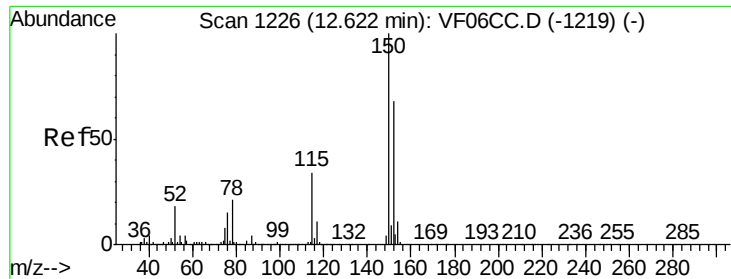
Ion Ratio Lower Upper

117 100

82 56.3 42.4 63.6

119 33.7 27.1 40.7



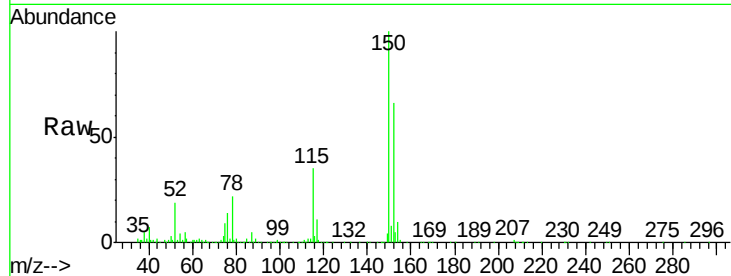


#72

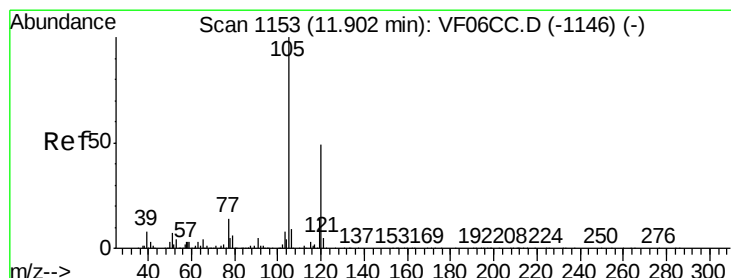
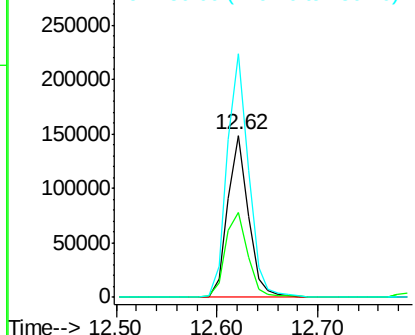
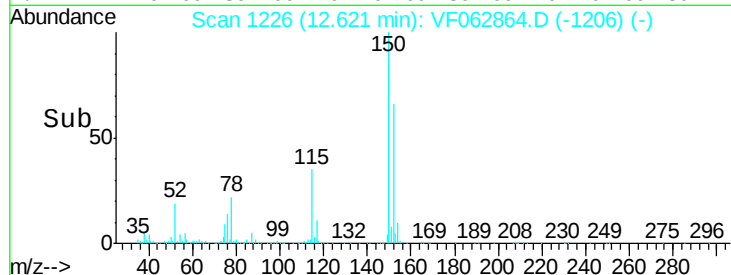
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062864.D
Acq: 5 Jun 2019 14:43

Instrument :
MSVOA_F
ClientSampleId :
AU-06-060419-BRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.5	24.6	74.0
150	150.5	0.0	290.6



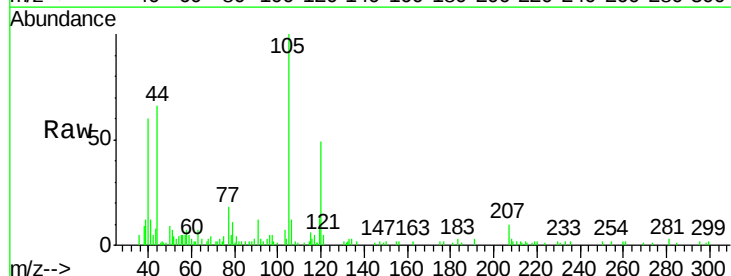
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



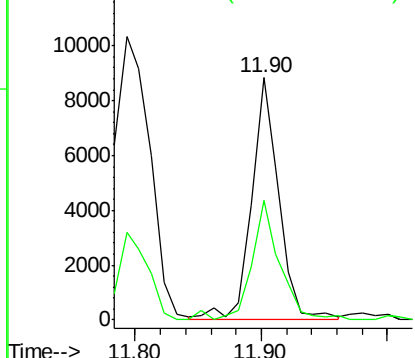
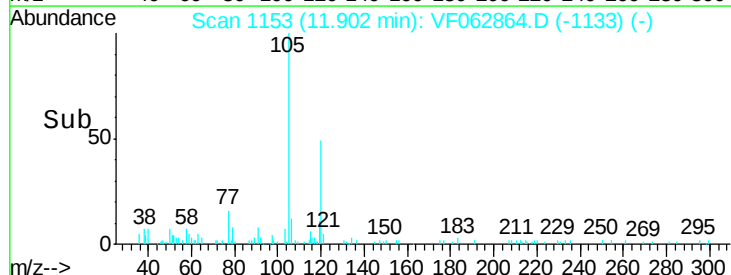
#80

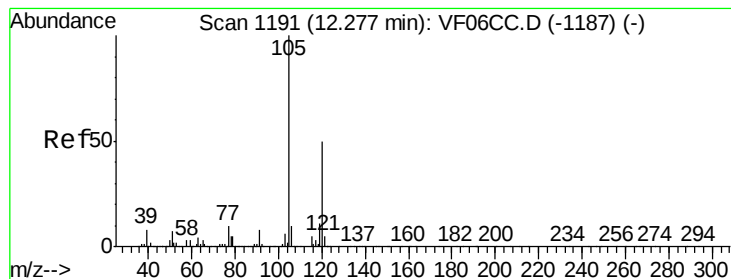
1,3,5-Trimethylbenzene
Concen: 1.096 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VF062864.D
Acq: 5 Jun 2019 14:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.4	28.7	86.1



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: 1.445 ug/l

RT: 12.28 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VF062864.D

Acq: 5 Jun 2019 14:43

Instrument :

MSVOA_F

ClientSampleId :

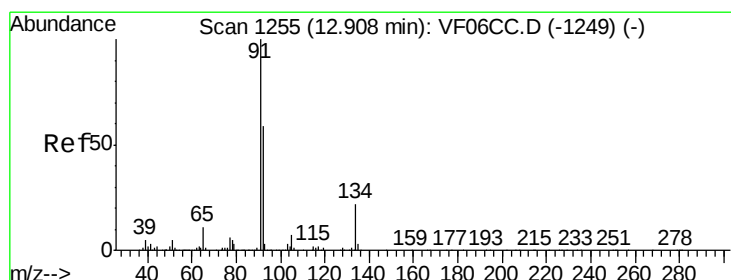
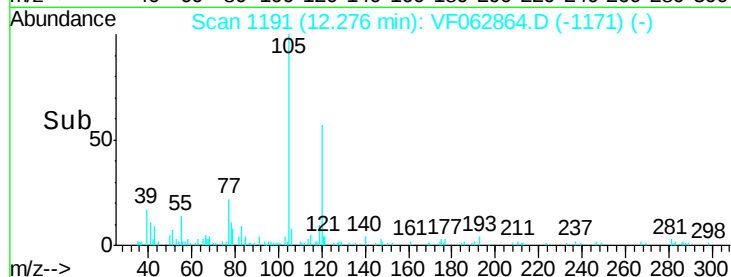
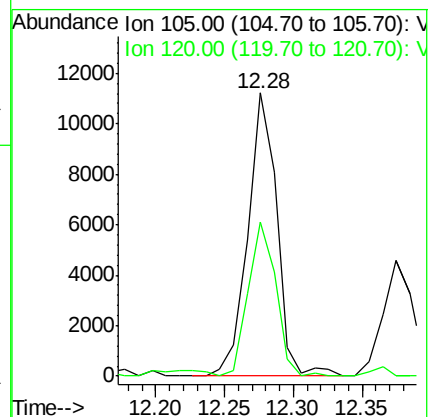
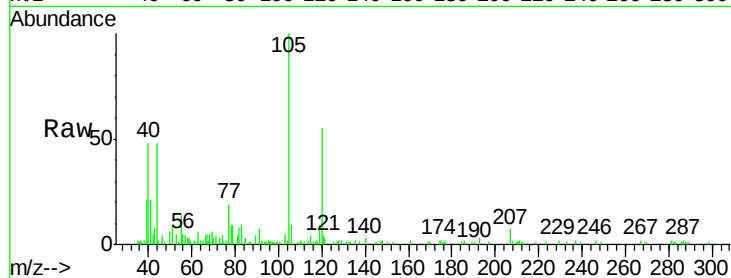
AU-06-060419-BRE

Tot Ion:105 Resp: 16646

Ion Ratio Lower Upper

105 100

120 54.5 27.1 81.3



#89

n-Butylbenzene

Concen: 1.093 ug/l

RT: 12.90 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VF062864.D

Acq: 5 Jun 2019 14:43

Tgt Ion: 91 Resp: 14518

Ion Ratio Lower Upper

91 100

92 46.7 34.2 102.6

134 75.5 15.8 47.3#

