

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF053119\
 Data File : VF062812.D
 Acq On : 31 May 2019 16:46
 Operator : FY/SY
 Sample : K3135-01
 Misc : 4.87g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Jun 01 01:33:31 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

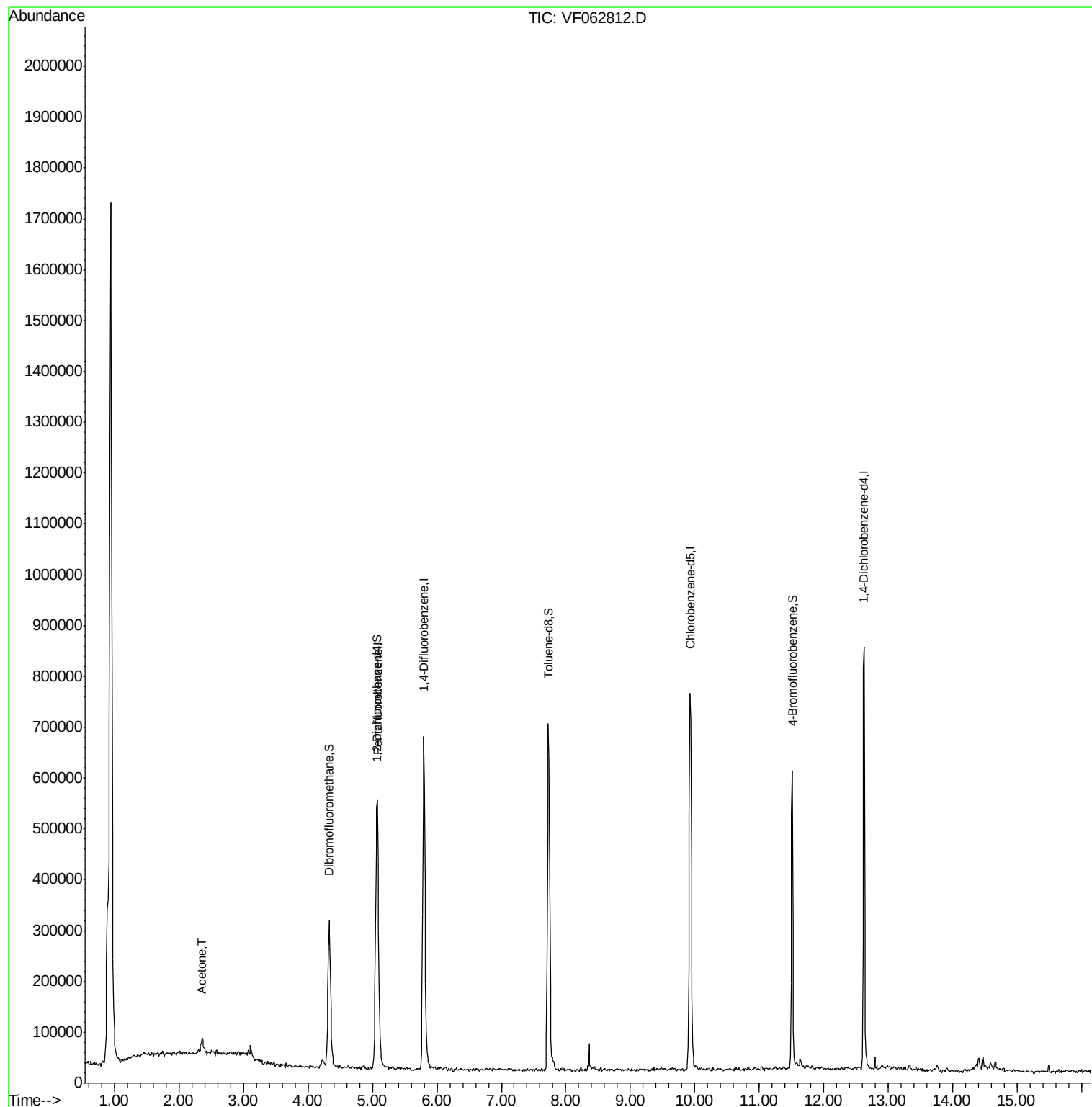
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	483344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	812322	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	587156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	231344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	142212	42.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.10%	
35) Dibromofluoromethane	4.33	113	293062	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	7.73	98	613902	39.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.10%	
62) 4-Bromofluorobenzene	11.51	95	217241	38.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.82%	
Target Compounds						
16) Acetone	2.36	43	47271	61.793	ug/l	Qvalue 99

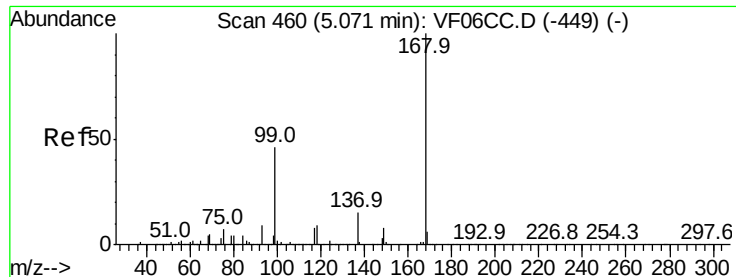
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.00 min

Lab File: VF062812.D

Acq: 31 May 2019 16:46

Instrument :

MSVOA_F

ClientSampleId :

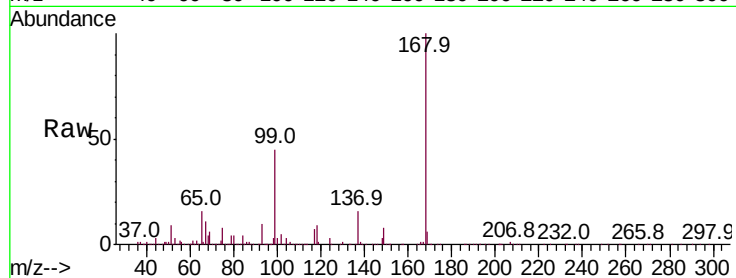
ROLL-OFF-COMP

Tot Ion:168 Resp: 483344

Ion Ratio Lower Upper

168 100

99 45.4 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

150000

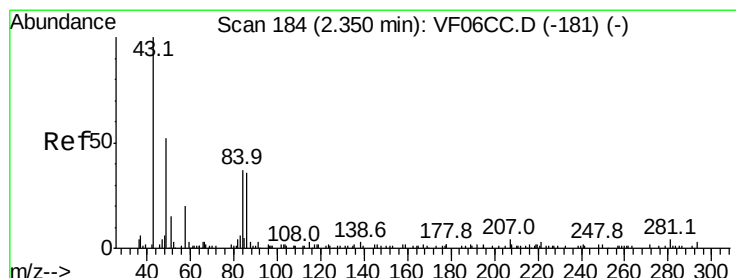
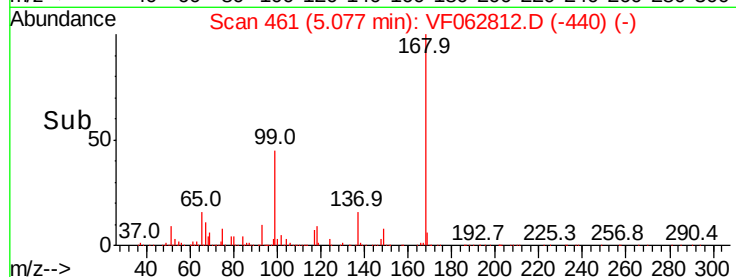
100000

50000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#16

Acetone

Concen: 61.793 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.01 min

Lab File: VF062812.D

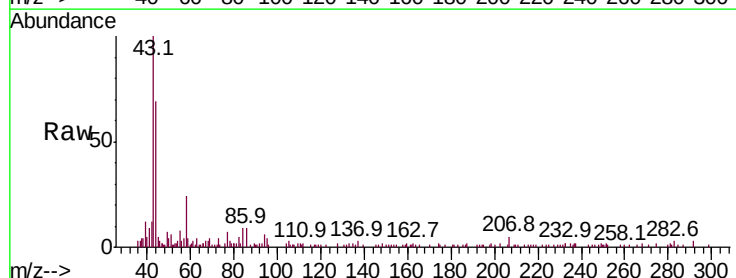
Acq: 31 May 2019 16:46

Tgt Ion: 43 Resp: 47271

Ion Ratio Lower Upper

43 100

58 24.1 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

15000

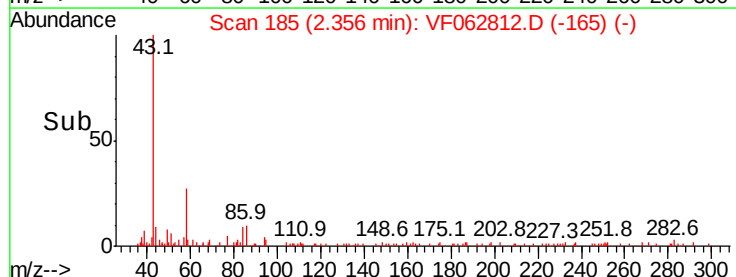
10000

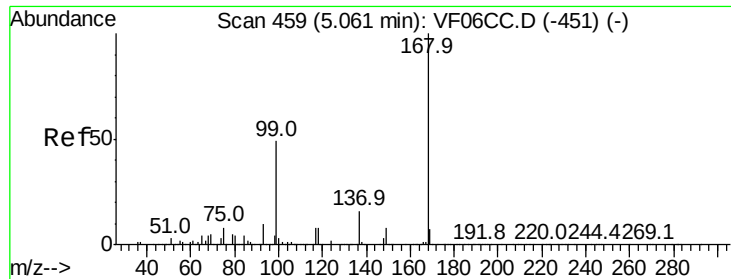
5000

0

Time-->

2.30 2.40

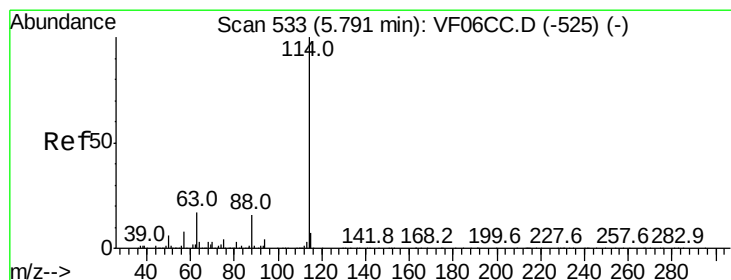
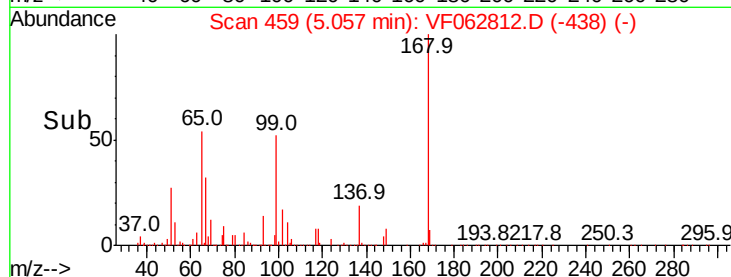
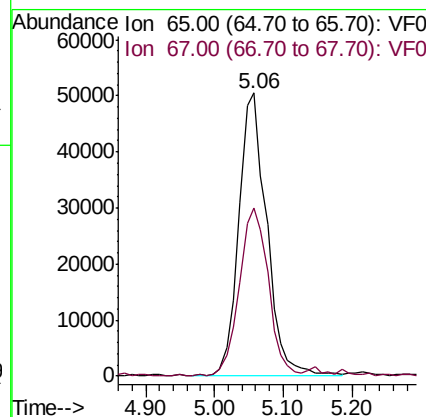
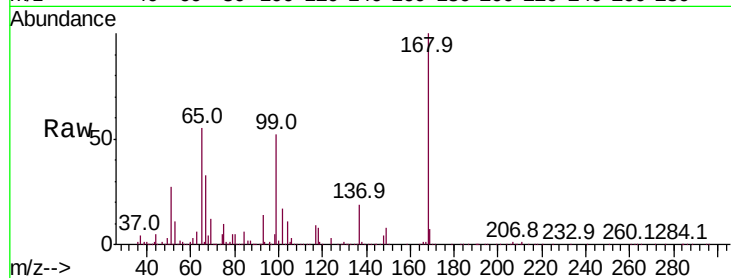




#33
 1,2-Dichloroethane-d4
 Concen: 42.548 ug/l
 RT: 5.06 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VF062812.D
 Acq: 31 May 2019 16:46

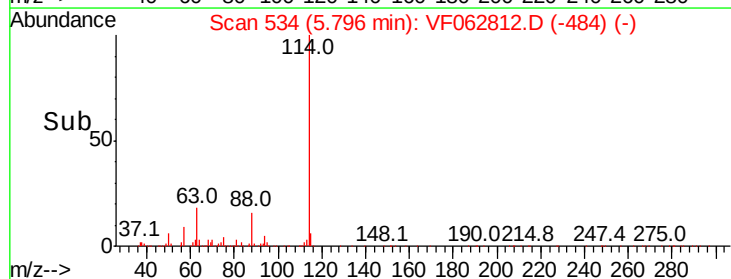
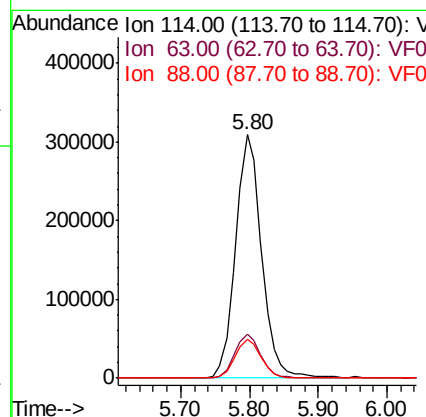
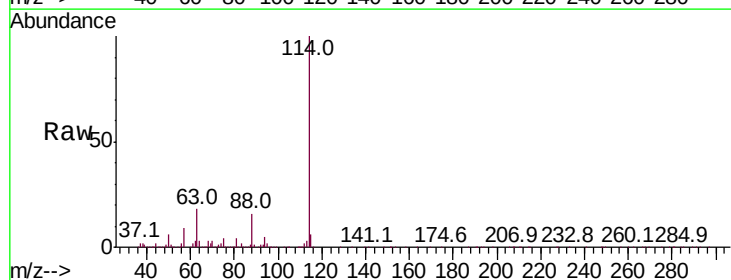
Instrument :
 MSVOA_F
 ClientSampleId :
 ROLL-OFF-COMP

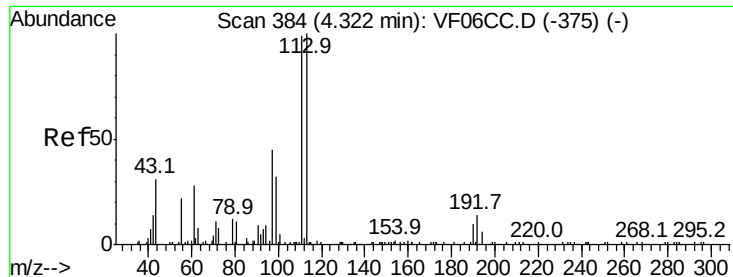
Tot Ion: 65 Resp: 142212
 Ion Ratio Lower Upper
 65 100
 67 59.6 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VF062812.D
 Acq: 31 May 2019 16:46

Tgt Ion: 114 Resp: 812322
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.2
 88 15.7 0.0 31.2

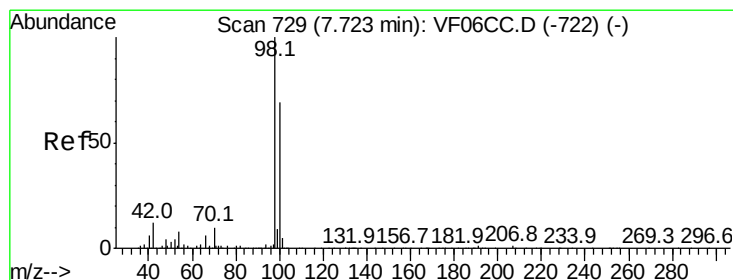
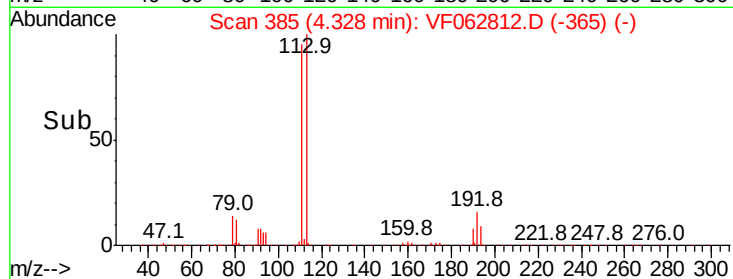
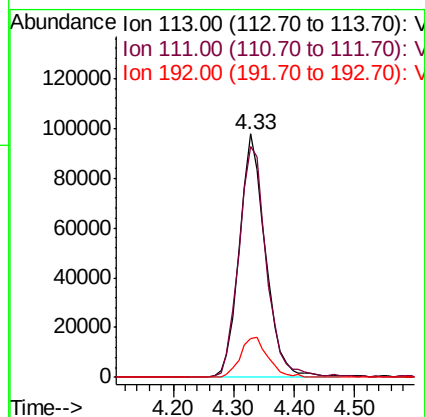
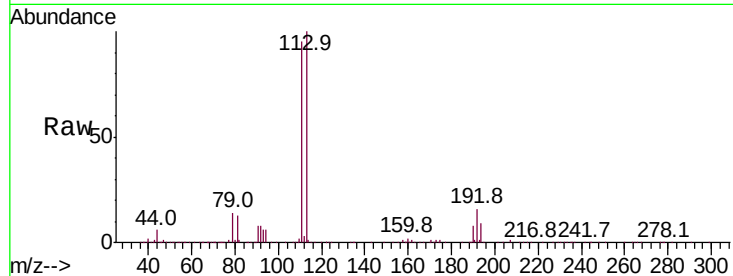




#35
Dibromofluoromethane
Concen: 47.743 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062812.D
Acq: 31 May 2019 16:46

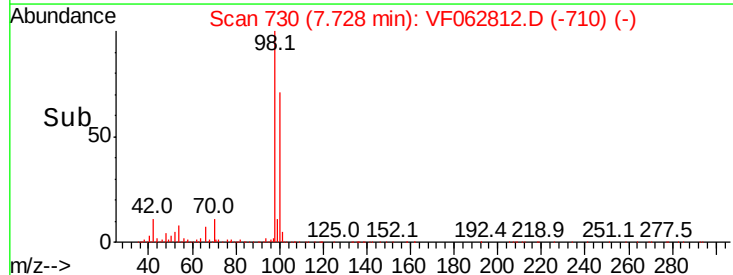
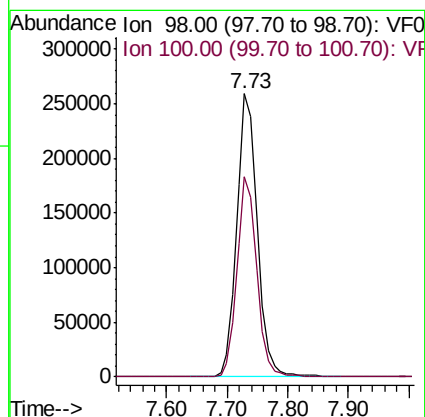
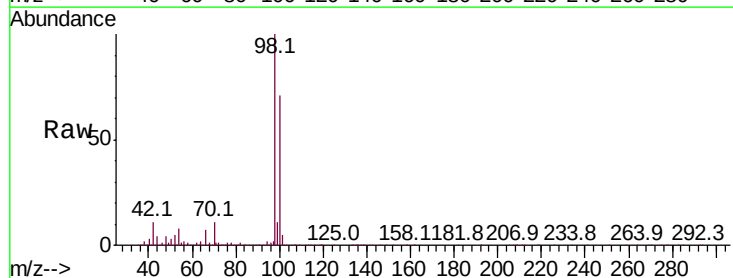
Instrument :
MSVOA_F
ClientSampleId :
ROLL-OFF-COMP

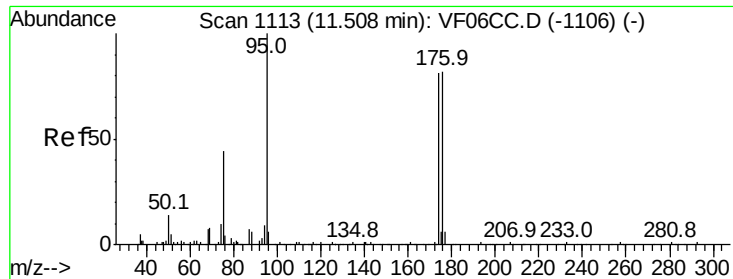
Tot Ion	Ratio	Lower	Upper
113	100		
111	95.0	81.9	122.9
192	15.8	15.1	22.7



#50
Toluene-d8
Concen: 39.549 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062812.D
Acq: 31 May 2019 16:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.8	59.8	89.8





#62

4-Bromofluorobenzene

Concen: 38.907 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF062812.D

Acq: 31 May 2019 16:46

Instrument :

MSVOA_F

ClientSampleId :

ROLL-OFF-COMP

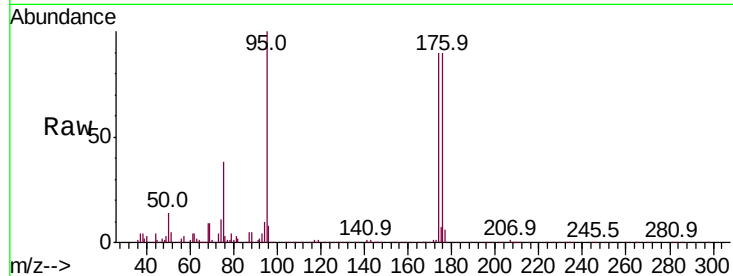
Tot Ion: 95 Resp: 217241

Ion Ratio Lower Upper

95 100

174 89.8 0.0 170.6

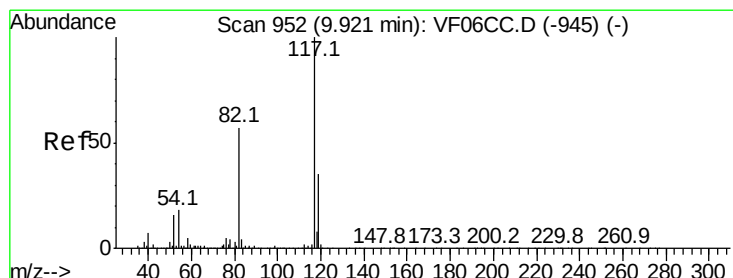
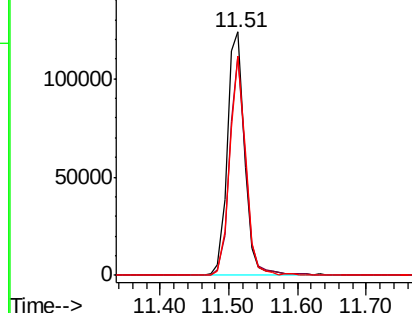
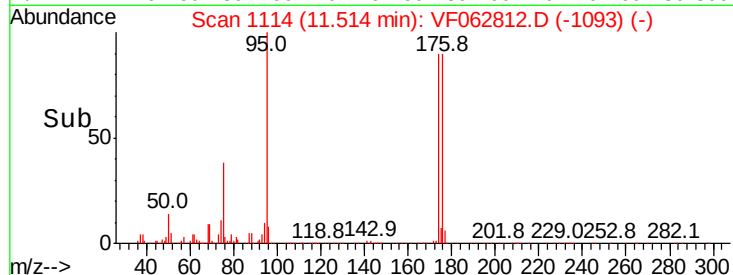
176 90.0 0.0 170.6



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: 9.93 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF062812.D

Acq: 31 May 2019 16:46

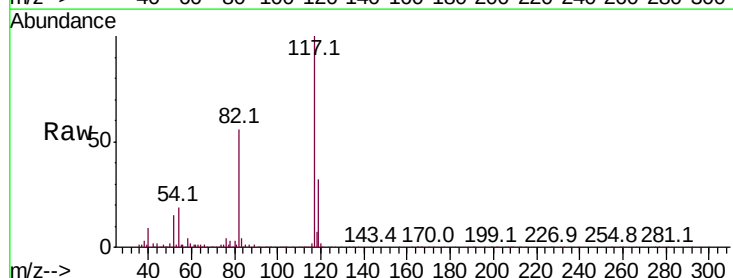
Tgt Ion: 117 Resp: 587156

Ion Ratio Lower Upper

117 100

82 56.5 42.4 63.6

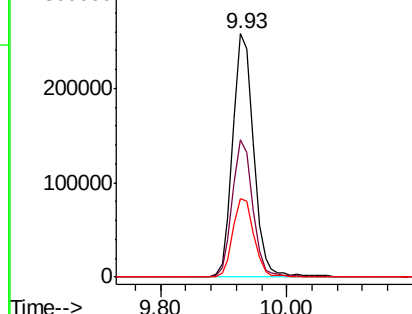
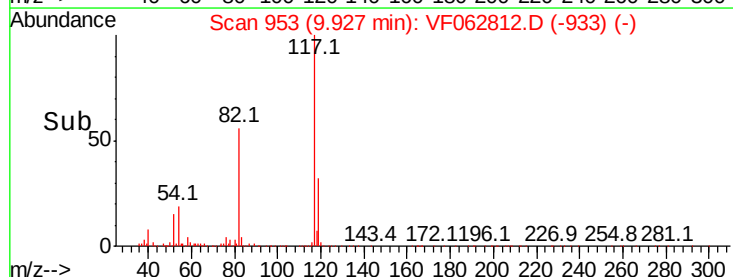
119 32.3 27.1 40.7

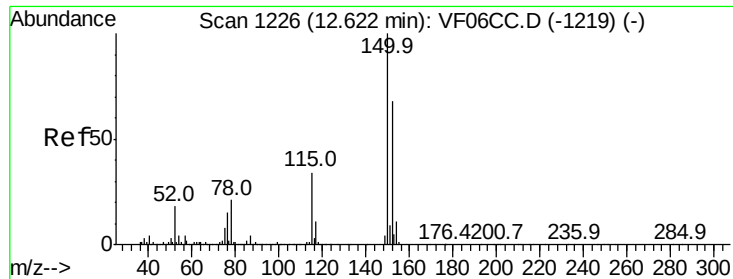


Abundance Ion 117.00 (116.70 to 117.70): V

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: 12.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VF062812.D

Acq: 31 May 2019 16:46

Instrument :

MSVOA_F

ClientSampleId :

ROLL-OFF-COMP

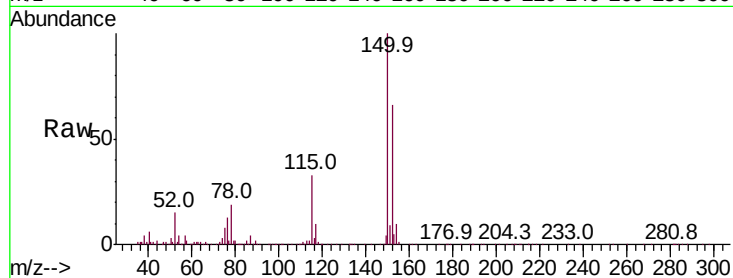
Tot Ion:152 Resp: 231344

Ion Ratio Lower Upper

152 100

115 50.9 24.6 74.0

150 152.1 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

