

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062853.D
 Acq On : 4 Jun 2019 21:54
 Operator : FY/SY
 Sample : K3151-03
 Misc : 5.28g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jun 05 06:44:10 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

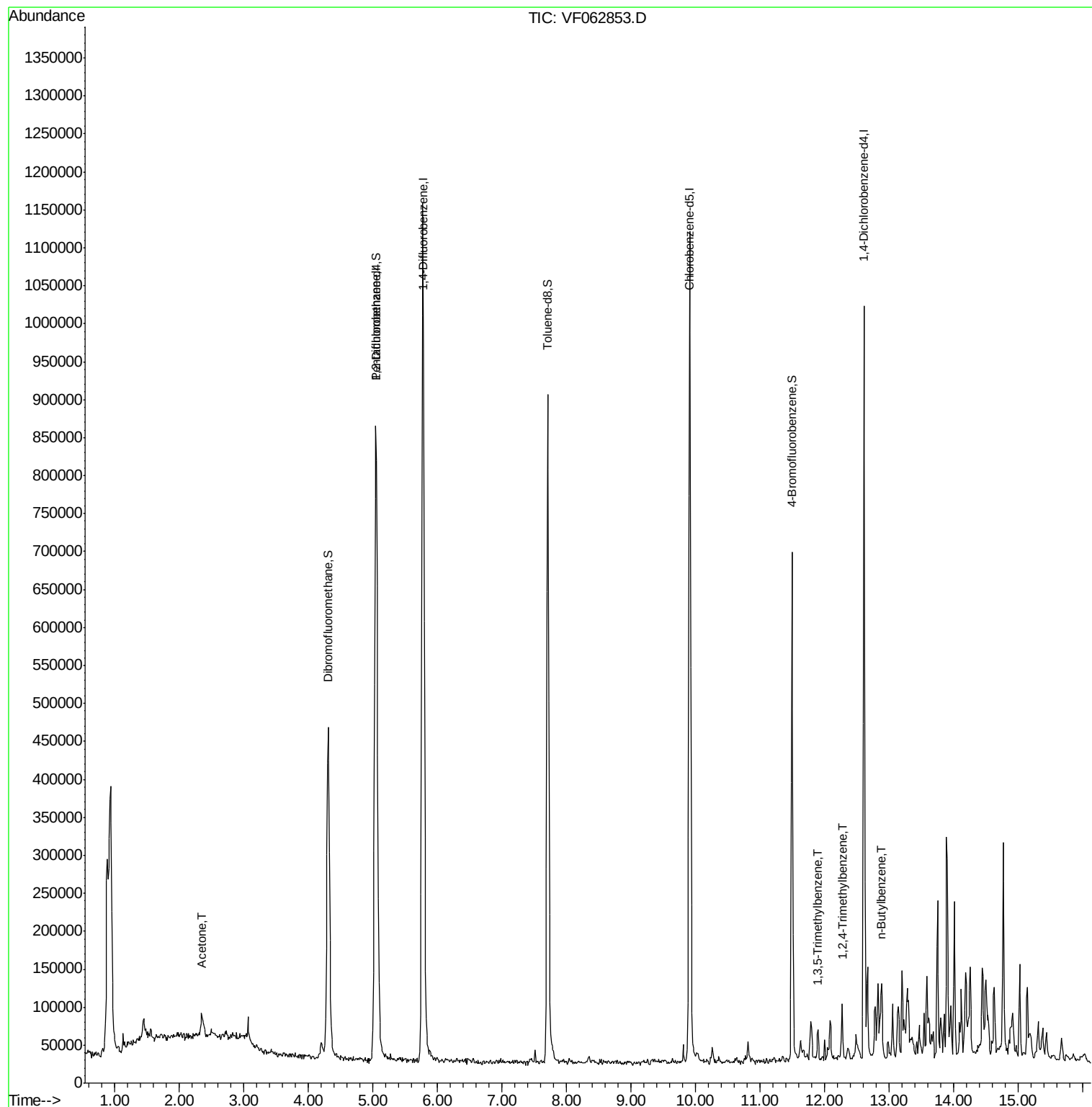
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	790920	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1448381	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	844918	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	255917	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	238461	43.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.20%	
35) Dibromofluoromethane	4.31	113	444699	40.63	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	81.26%	
50) Toluene-d8	7.71	98	778962	28.15	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	56.30%	
62) 4-Bromofluorobenzene	11.49	95	233493	23.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	46.90%	
Target Compounds						
16) Acetone	2.36	43	54821	43.794	ug/l	94
80) 1,3,5-Trimethylbenzene	11.90	105	21381	1.464	ug/l	85
84) 1,2,4-Trimethylbenzene	12.27	105	31784	2.296	ug/l	99
89) n-Butylbenzene	12.89	91	20555	1.288	ug/l	84

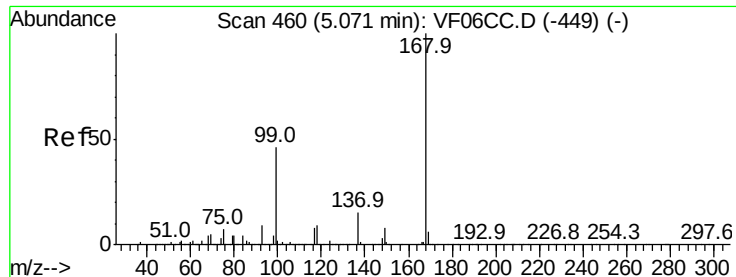
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062853.D
Acq On : 4 Jun 2019 21:54
Operator : FY/SY
Sample : K3151-03
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jun 05 06:44:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.02 min

Lab File: VF062853.D

Acq: 4 Jun 2019 21:54

Instrument :

MSVOA_F

ClientSampleId :

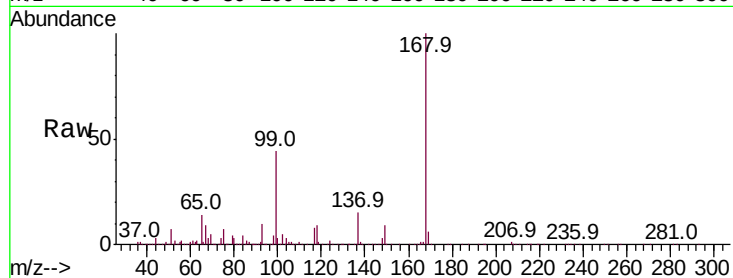
AU-06-060419-B

Tot Ion:168 Resp: 790920

Ion Ratio Lower Upper

168 100

99 43.8 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

250000

200000

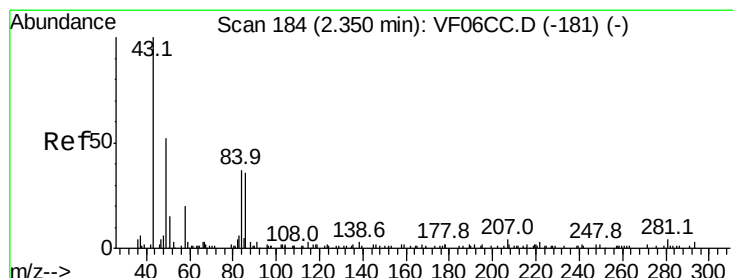
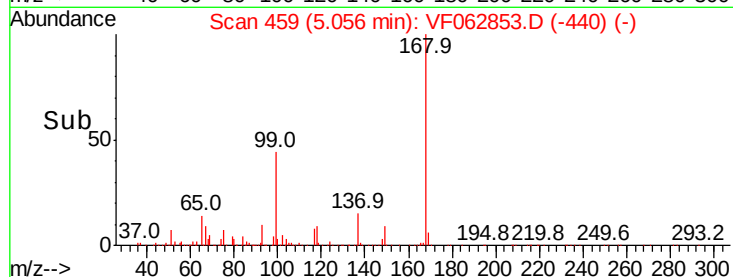
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 43.794 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.01 min

Lab File: VF062853.D

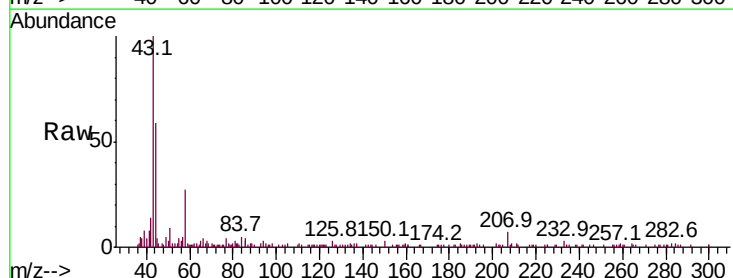
Acq: 4 Jun 2019 21:54

Tgt Ion: 43 Resp: 54821

Ion Ratio Lower Upper

43 100

58 26.5 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

20000

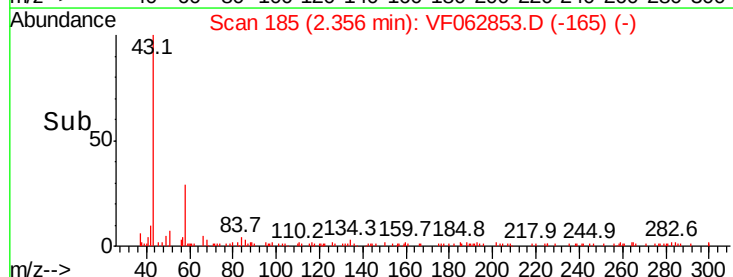
15000

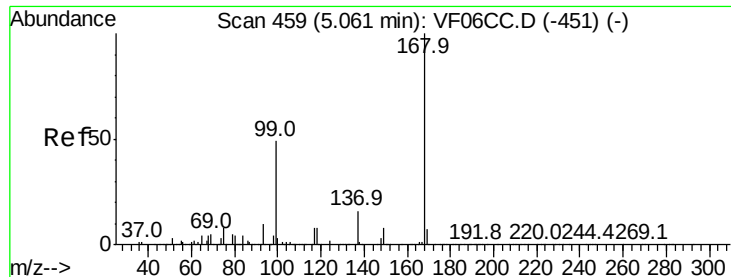
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.600 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062853.D

Acq: 4 Jun 2019 21:54

Instrument :

MSVOA_F

ClientSampleId :

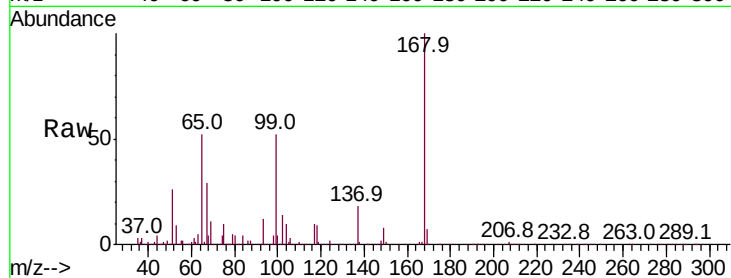
AU-06-060419-B

Tot Ion: 65 Resp: 238461

Ion Ratio Lower Upper

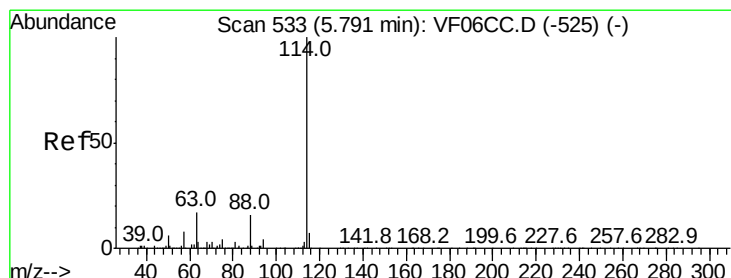
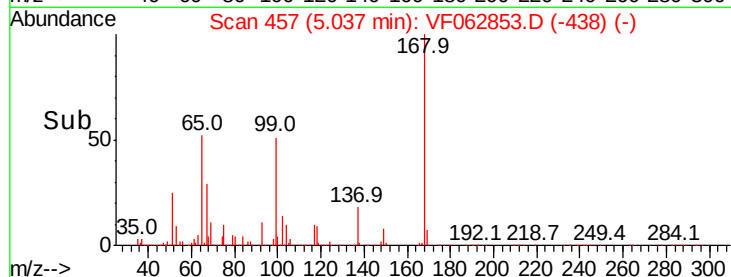
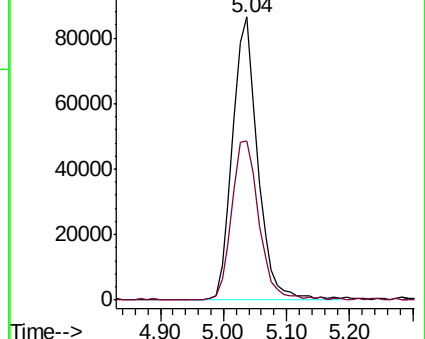
65 100

67 56.1 0.0 121.2



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: 5.78 min Scan# 532

Delta R.T. -0.03 min

Lab File: VF062853.D

Acq: 4 Jun 2019 21:54

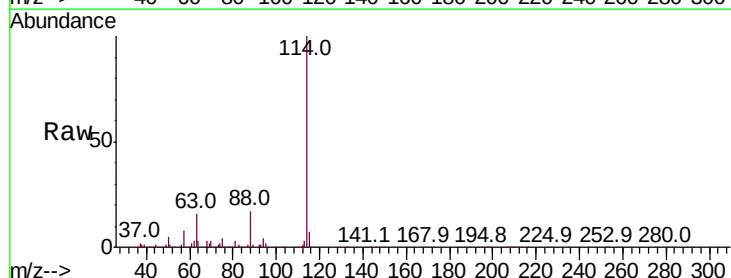
Tgt Ion: 114 Resp: 1448381

Ion Ratio Lower Upper

114 100

63 16.1 0.0 34.2

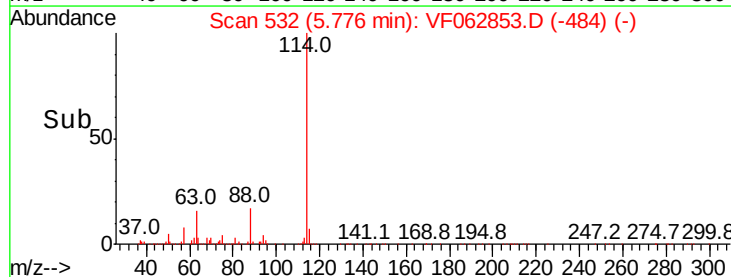
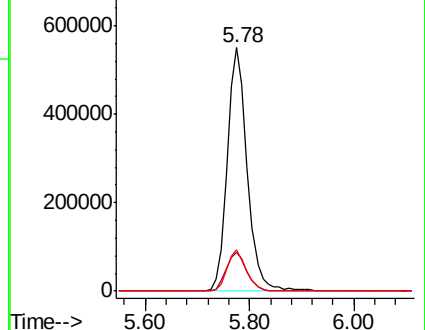
88 16.9 0.0 31.2

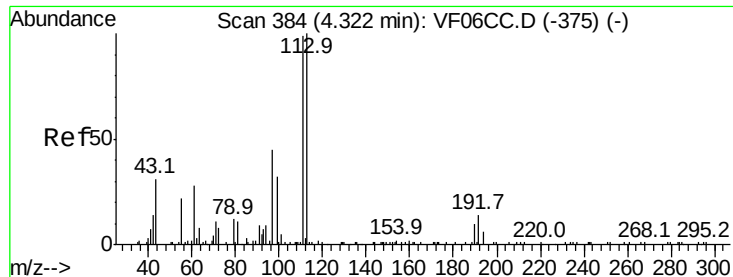


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 40.631 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.03 min

Lab File: VF062853.D

Acq: 4 Jun 2019 21:54

Instrument :

MSVOA_F

ClientSampleId :

AU-06-060419-B

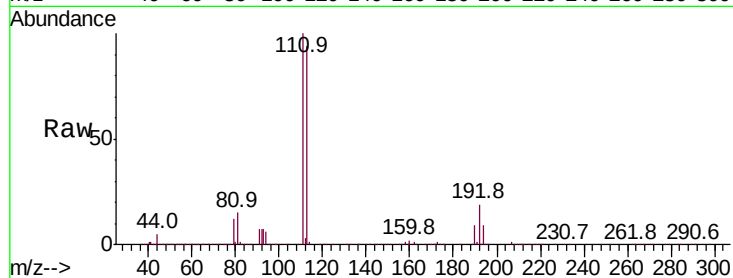
Tot Ion:113 Resp: 444699

Ion Ratio Lower Upper

113 100

111 106.7 81.9 122.9

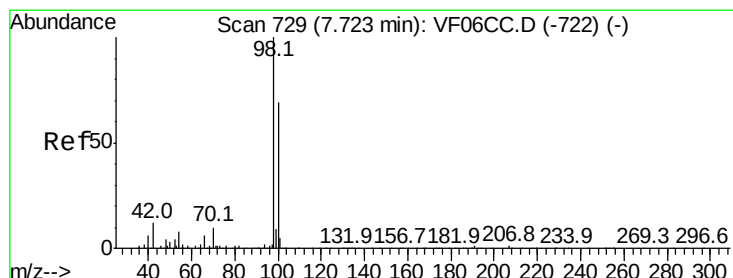
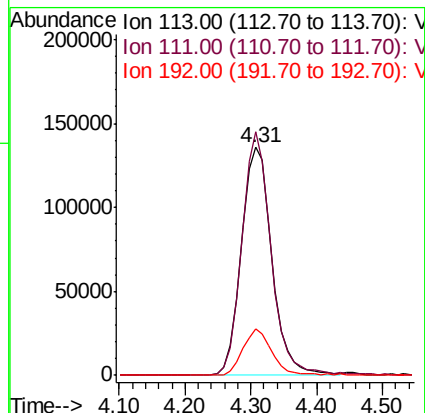
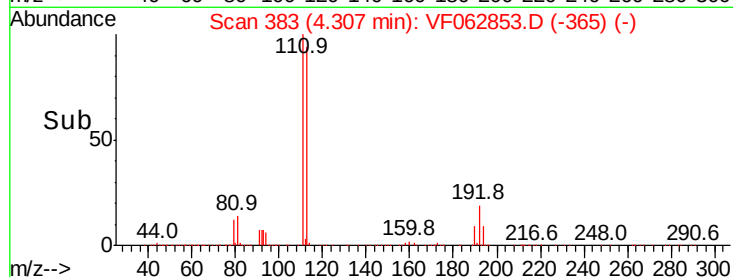
192 20.4 15.1 22.7



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: 28.145 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.03 min

Lab File: VF062853.D

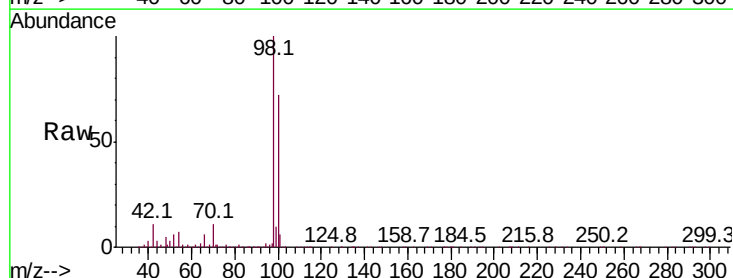
Acq: 4 Jun 2019 21:54

Tgt Ion: 98 Resp: 778962

Ion Ratio Lower Upper

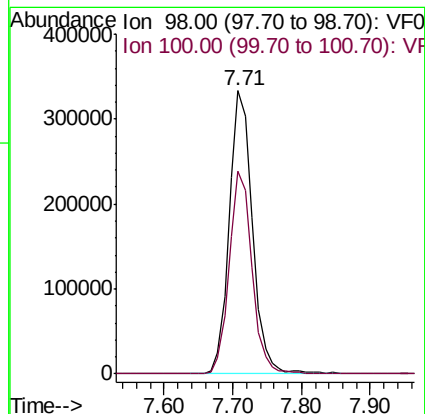
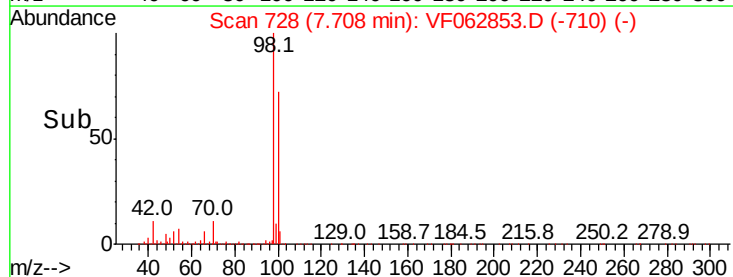
98 100

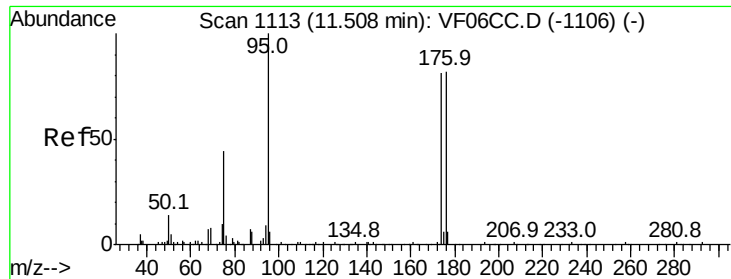
100 71.7 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 23.453 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062853.D

Acq: 4 Jun 2019 21:54

Instrument :

MSVOA_F

ClientSampleId :

AU-06-060419-B

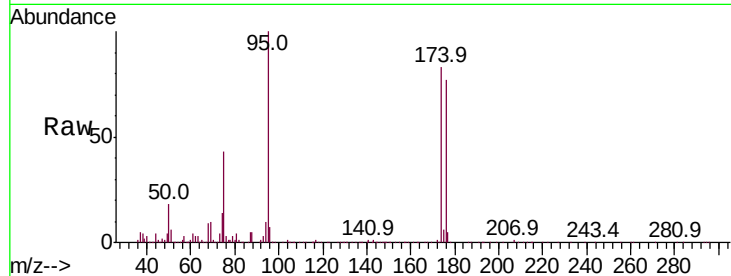
Tot Ion: 95 Resp: 233493

Ion Ratio Lower Upper

95 100

174 82.6 0.0 170.6

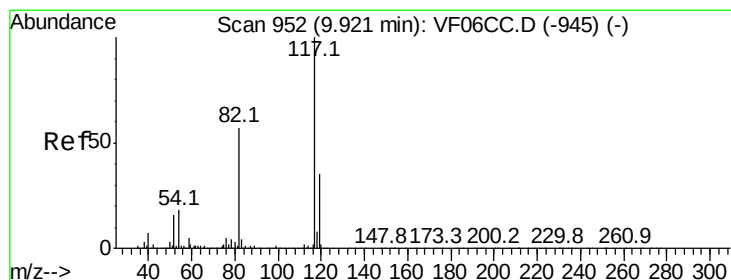
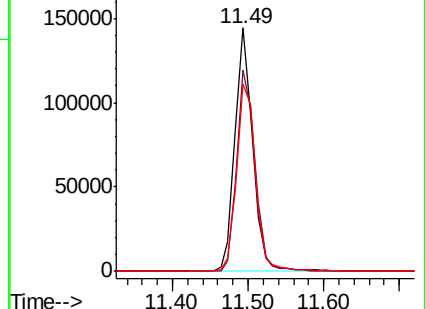
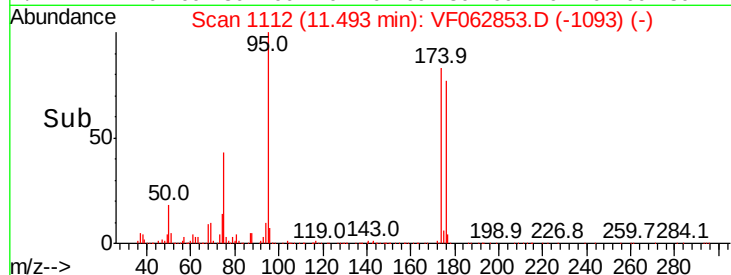
176 76.7 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.03 min

Lab File: VF062853.D

Acq: 4 Jun 2019 21:54

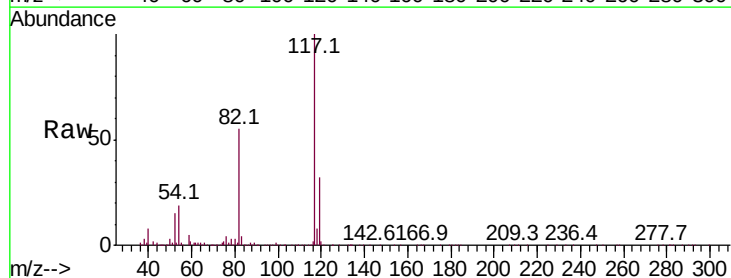
Tgt Ion: 117 Resp: 844918

Ion Ratio Lower Upper

117 100

82 54.7 42.4 63.6

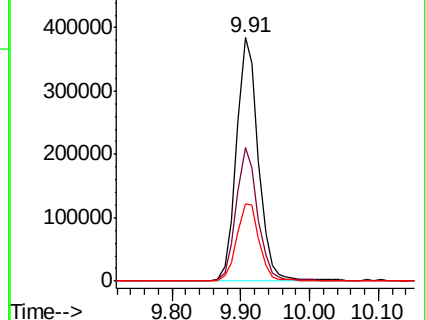
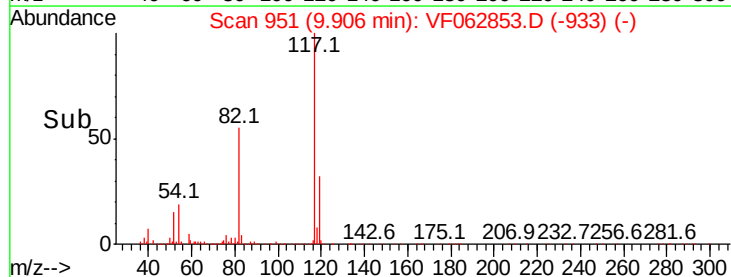
119 31.9 27.1 40.7

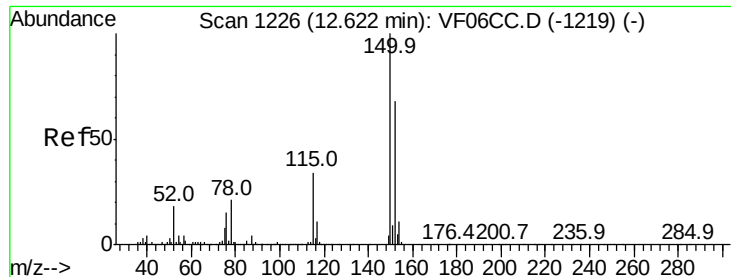


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0



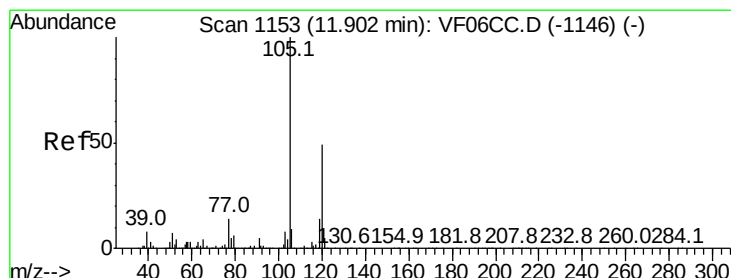
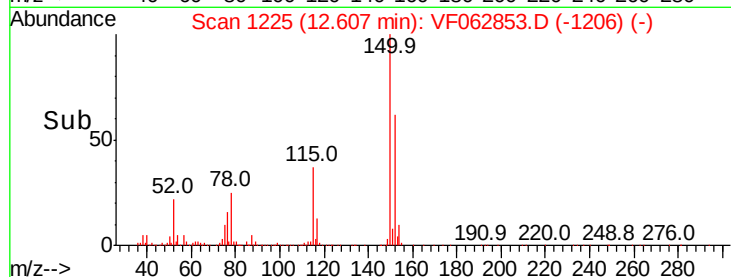
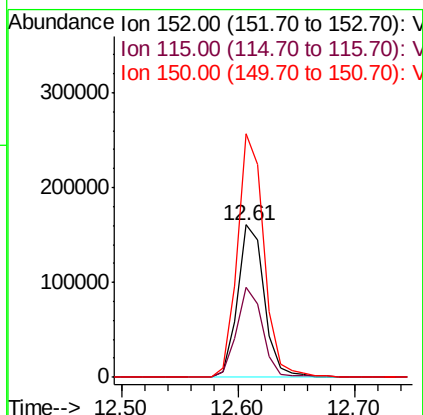
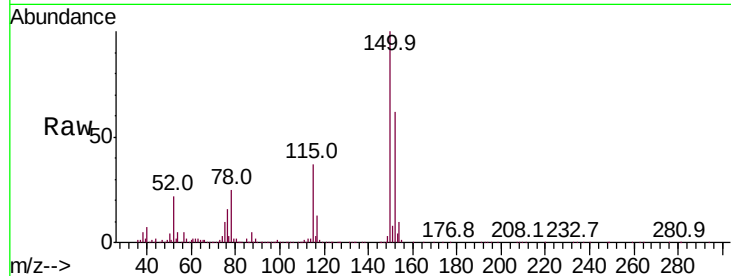


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062853.D
Acq: 4 Jun 2019 21:54

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

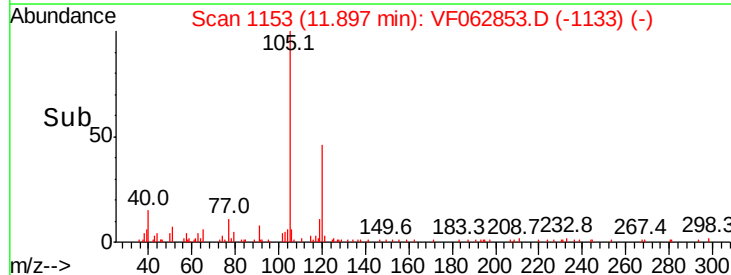
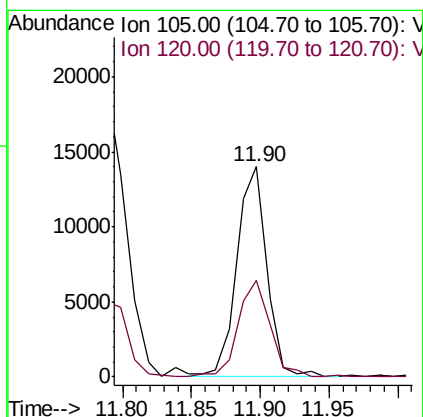
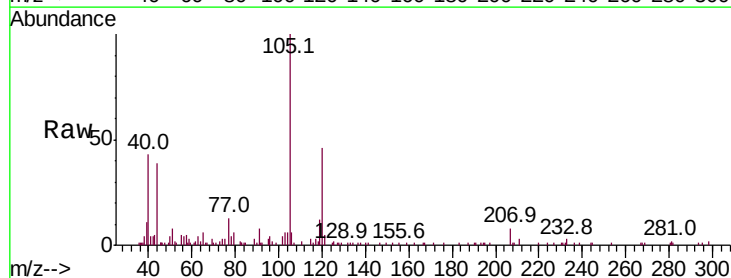
Tot Ion	Ratio	Lower	Upper
152	100		
115	59.2	24.6	74.0
150	160.0	0.0	290.6

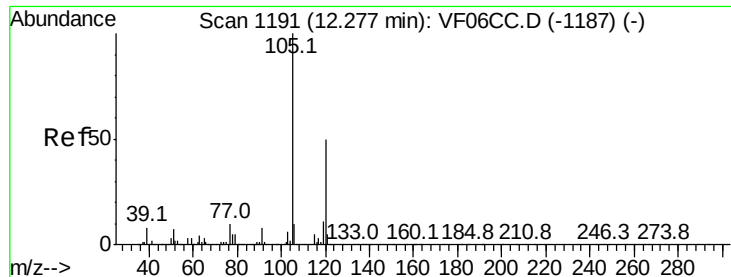


#80

1,3,5-Trimethylbenzene
Concen: 1.464 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VF062853.D
Acq: 4 Jun 2019 21:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	28.7	86.1

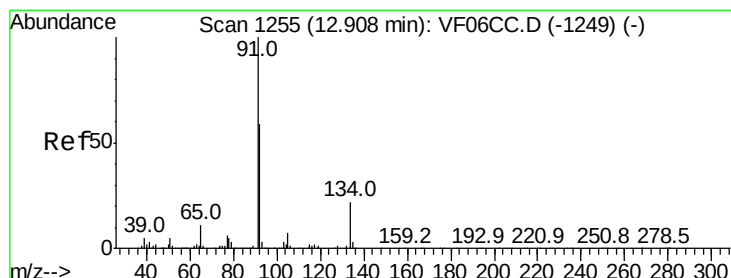
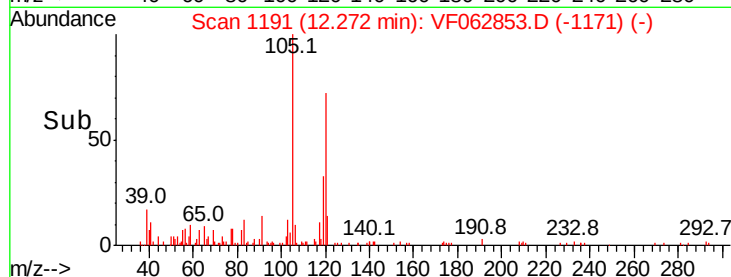
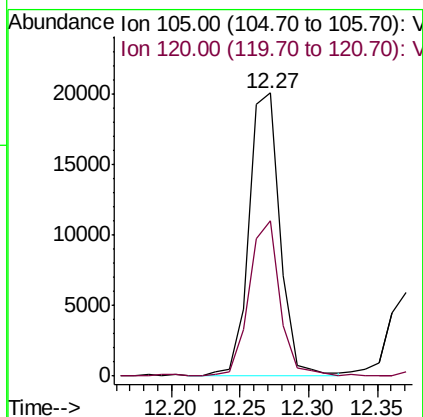
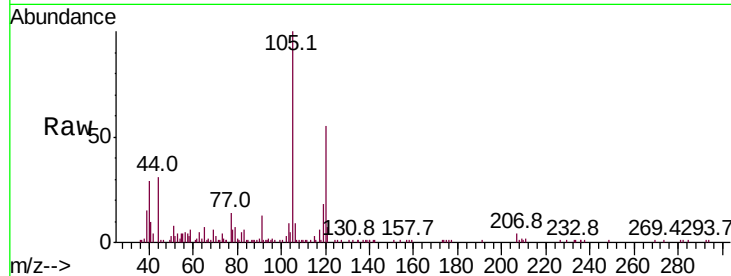




#84
 1,2,4-Trimethylbenzene
 Concen: 2.296 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: VF062853.D
 Acq: 4 Jun 2019 21:54

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

Tot Ion:105 Resp: 31784
 Ion Ratio Lower Upper
 105 100
 120 55.1 27.1 81.3



#89
 n-Butylbenzene
 Concen: 1.288 ug/l
 RT: 12.89 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: VF062853.D
 Acq: 4 Jun 2019 21:54

Tgt Ion: 91 Resp: 20555
 Ion Ratio Lower Upper
 91 100
 92 57.8 34.2 102.6
 134 44.8 15.8 47.3

