

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062855.D
 Acq On : 4 Jun 2019 22:50
 Operator : FY/SY
 Sample : K3163-01
 Misc : 5.21g/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-060419-A

Quant Time: Jun 05 06:54:28 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

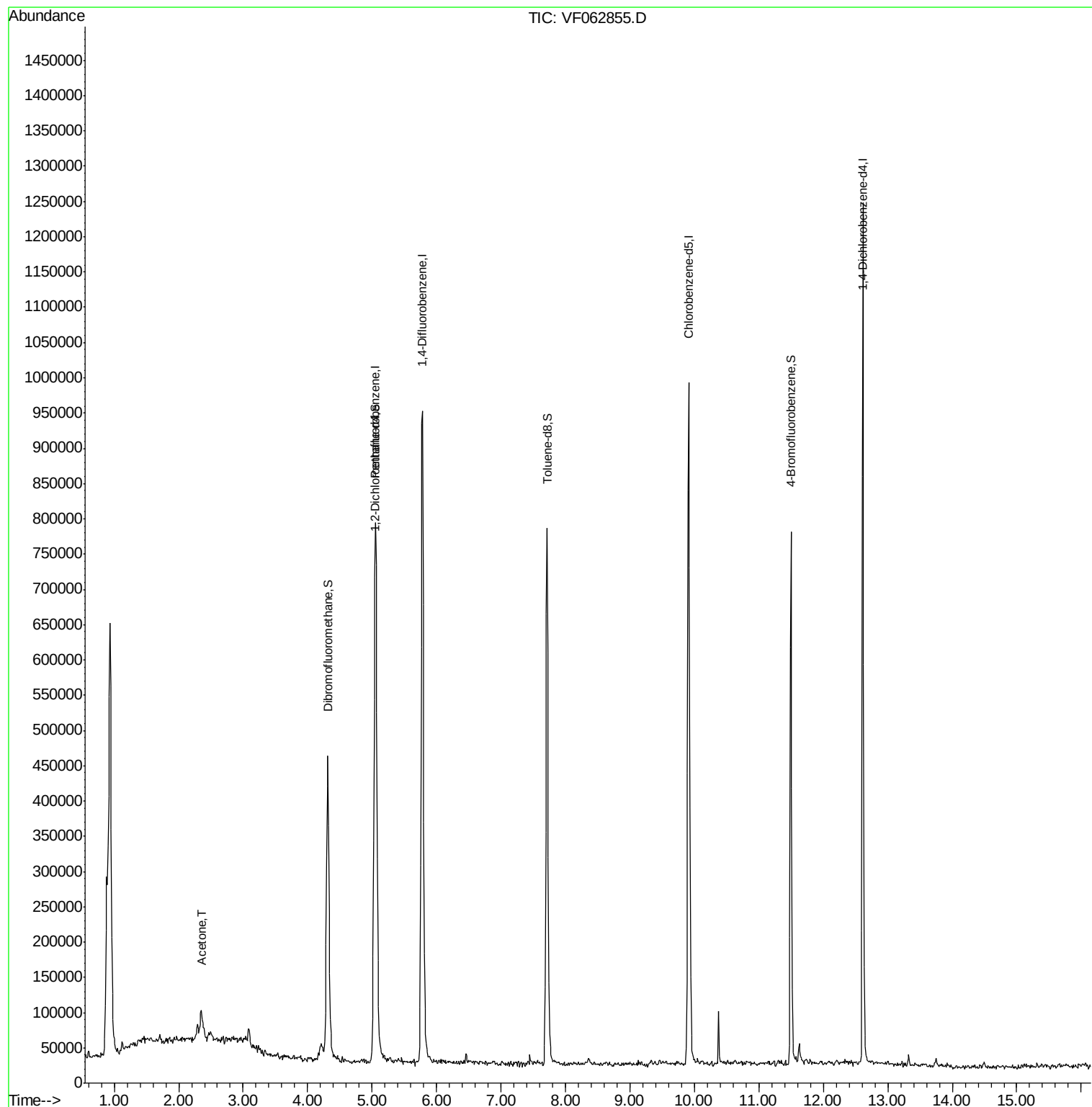
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	685895	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	1173366	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	753515	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	297934	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	222488	46.91	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.82%	
35) Dibromofluoromethane	4.31	113	414912	46.80	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	7.71	98	668068	29.80	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.60%	
62) 4-Bromofluorobenzene	11.50	95	274057	33.98	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	67.96%	
Target Compounds						
16) Acetone	2.35	43	34501	31.782	ug/l	Qvalue 93

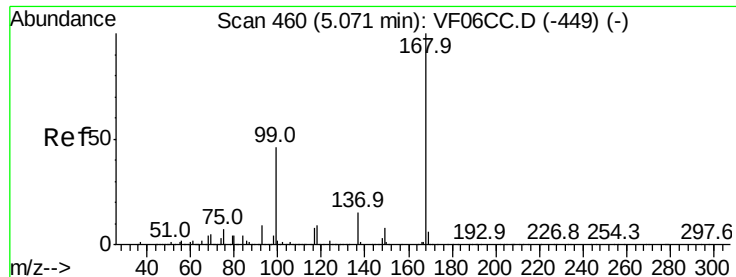
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

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MSVOA_F

ClientSampleId :

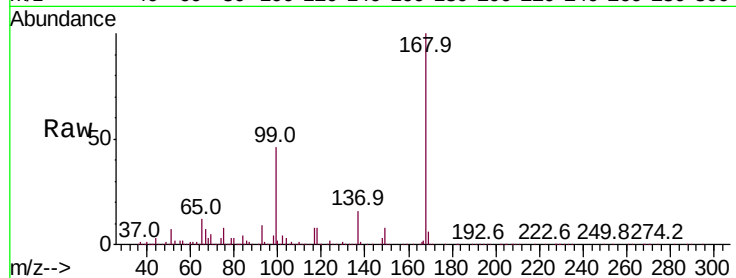
SU-02-060419-A

Tot Ion:168 Resp: 685895

Ion Ratio Lower Upper

168 100

99 45.9 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

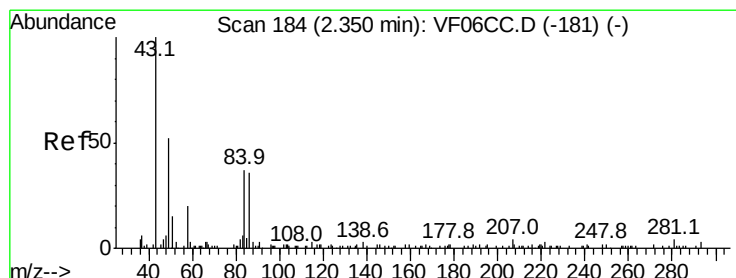
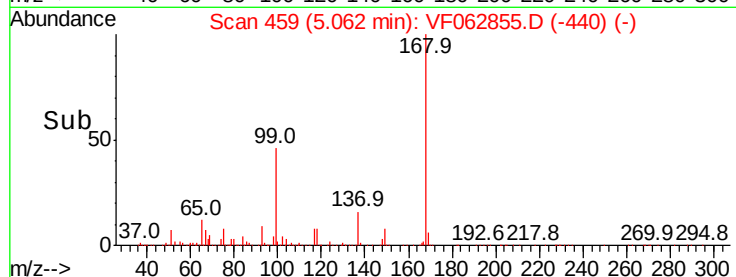
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 31.782 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.01 min

Lab File: VF062855.D

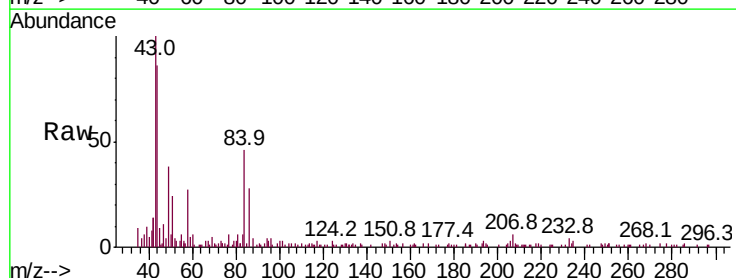
Acq: 4 Jun 2019 22:50

Tgt Ion: 43 Resp: 34501

Ion Ratio Lower Upper

43 100

58 27.1 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

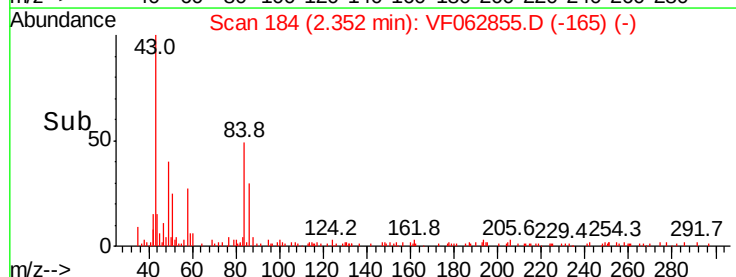
15000

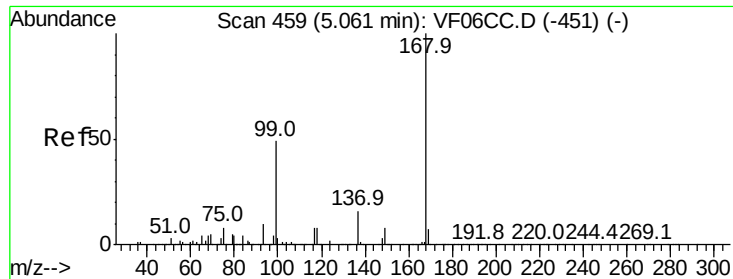
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.909 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF062855.D

Acq: 4 Jun 2019 22:50

Instrument :

MSVOA_F

ClientSampleId :

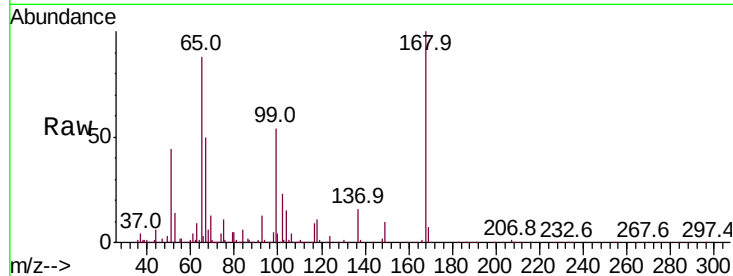
SU-02-060419-A

Tot Ion: 65 Resp: 222488

Ion Ratio Lower Upper

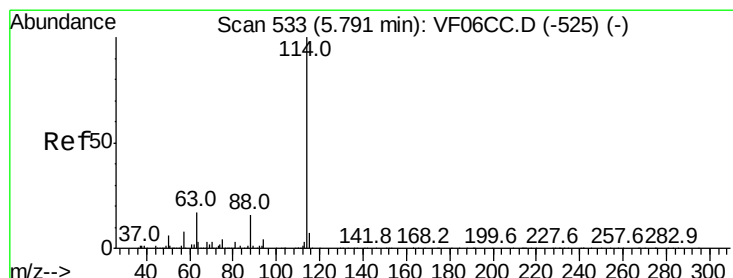
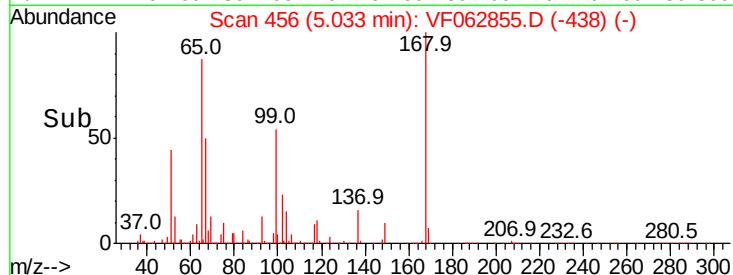
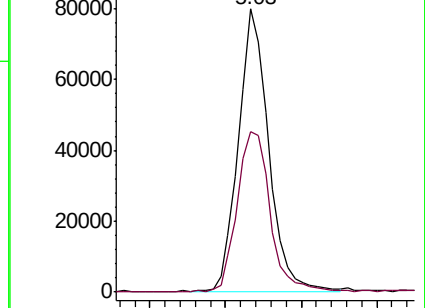
65 100

67 56.8 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. -0.02 min

Lab File: VF062855.D

Acq: 4 Jun 2019 22:50

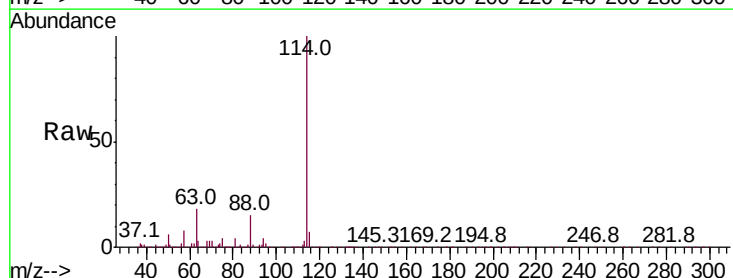
Tgt Ion: 114 Resp: 1173366

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.2

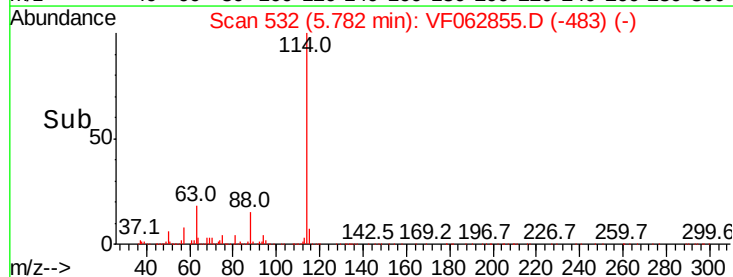
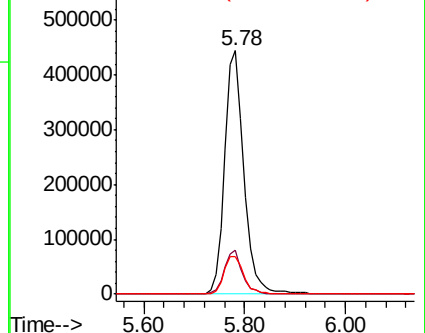
88 15.2 0.0 31.2

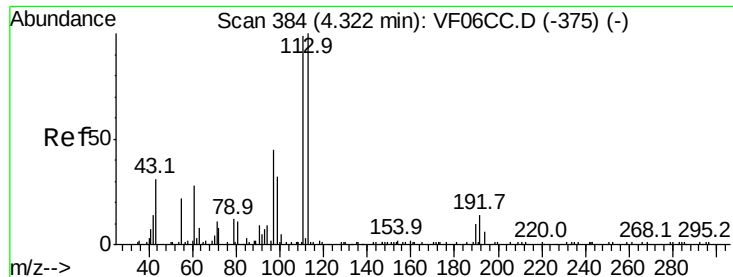


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 46.795 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.02 min

Lab File: VF062855.D

Acq: 4 Jun 2019 22:50

Instrument :

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ClientSampleId :

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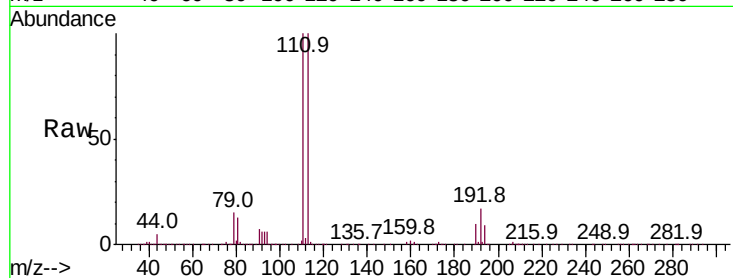
Tot Ion:113 Resp: 414912

Ion Ratio Lower Upper

113 100

111 100.4 81.9 122.9

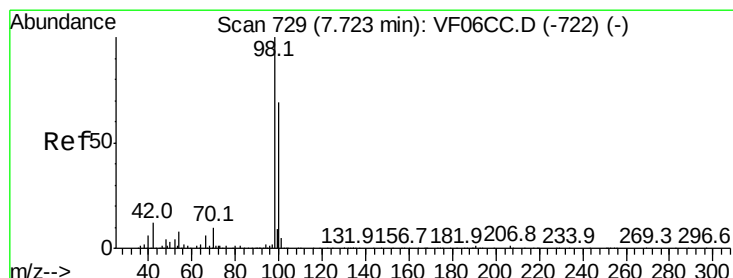
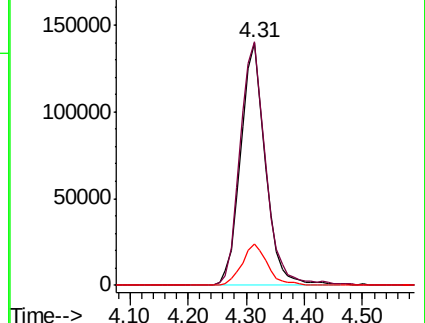
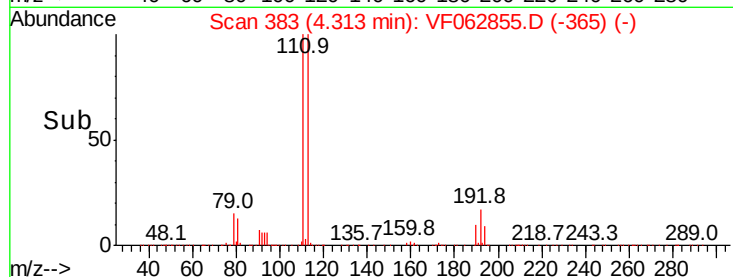
192 17.0 15.1 22.7



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: 29.796 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF062855.D

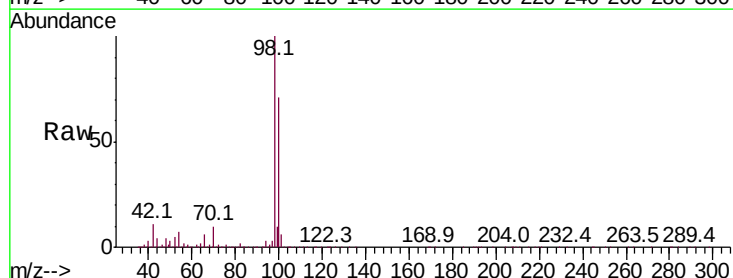
Acq: 4 Jun 2019 22:50

Tgt Ion: 98 Resp: 668068

Ion Ratio Lower Upper

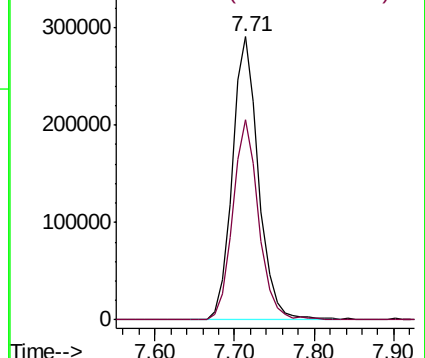
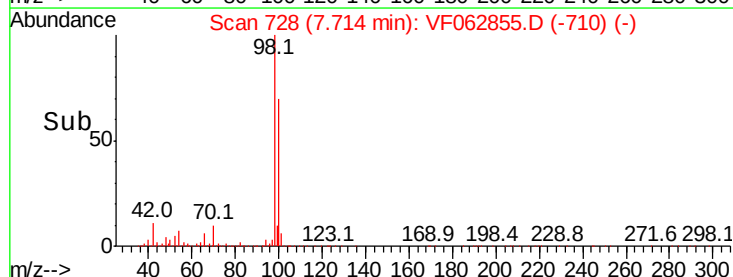
98 100

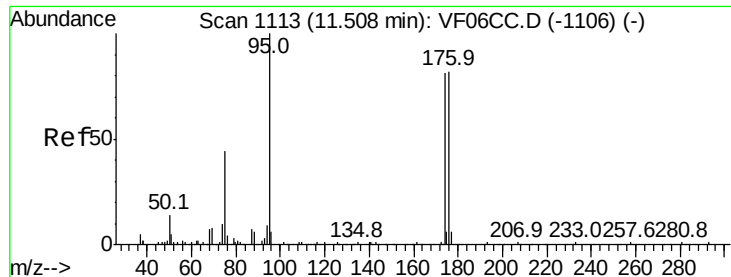
100 70.5 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 33.980 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062855.D

Acq: 4 Jun 2019 22:50

Instrument :

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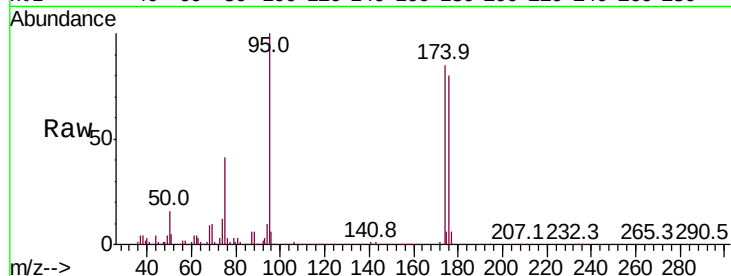
Tot Ion: 95 Resp: 274057

Ion Ratio Lower Upper

95 100

174 85.1 0.0 170.6

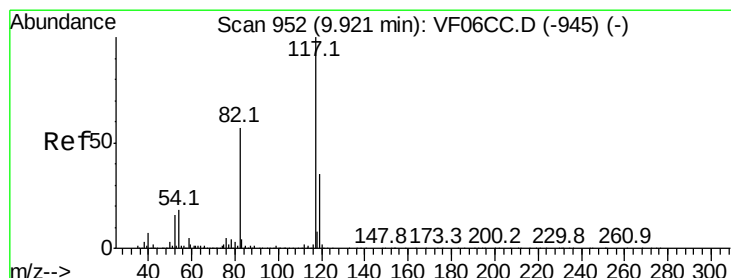
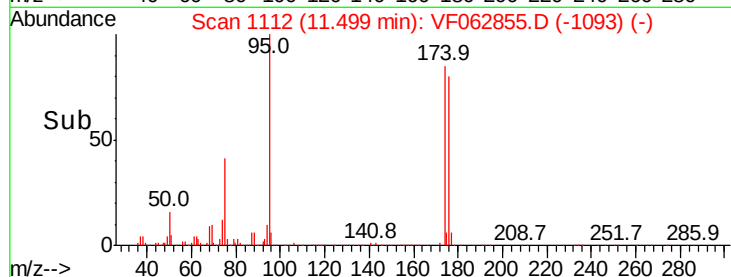
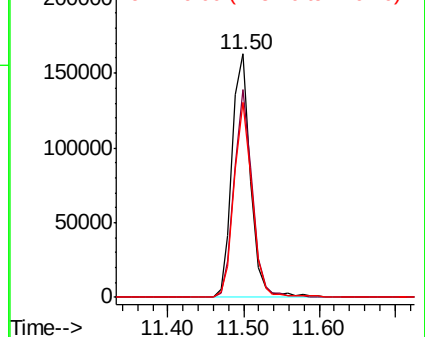
176 79.9 0.0 170.6



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: 9.91 min Scan# 951

Delta R.T. -0.02 min

Lab File: VF062855.D

Acq: 4 Jun 2019 22:50

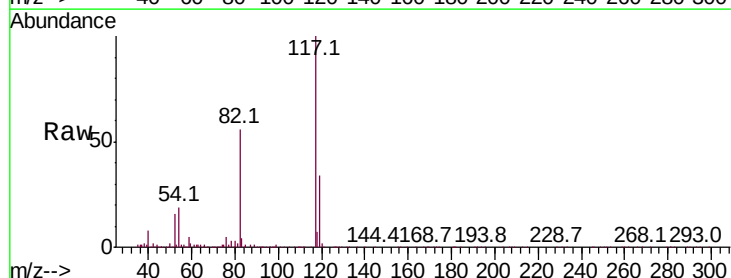
Tgt Ion: 117 Resp: 753515

Ion Ratio Lower Upper

117 100

82 55.8 42.4 63.6

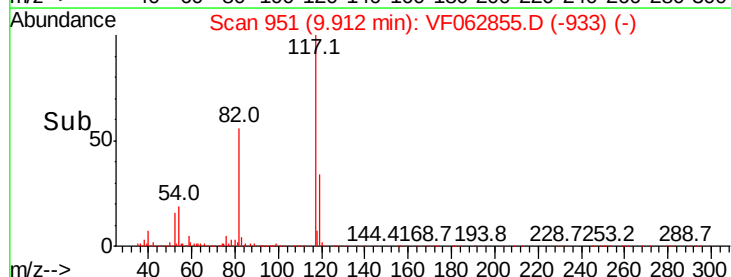
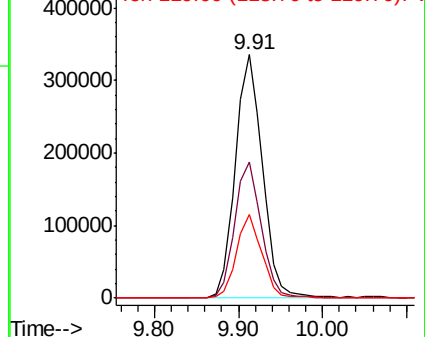
119 34.3 27.1 40.7

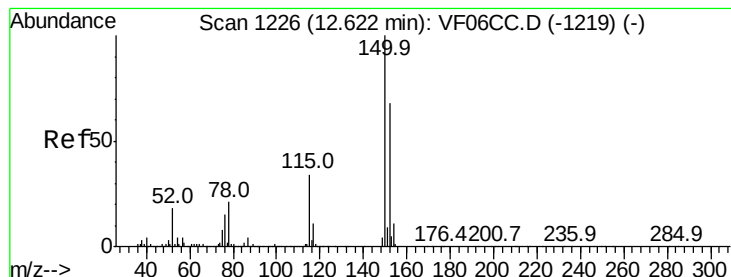


Abundance Ion 117.00 (116.70 to 117.70): V

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: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062855.D

Acq: 4 Jun 2019 22:50

Instrument :

MSVOA_F

ClientSampleId :

SU-02-060419-A

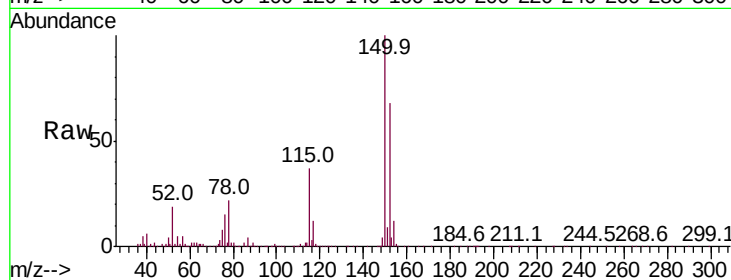
Tot Ion:152 Resp: 297934

Ion Ratio Lower Upper

152 100

115 54.6 24.6 74.0

150 146.9 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

