

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062845.D
 Acq On : 4 Jun 2019 18:10
 Operator : FY/SY
 Sample : K3172-02
 Misc : 3.93g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-01-005-A

Quant Time: Jun 05 06:32:07 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

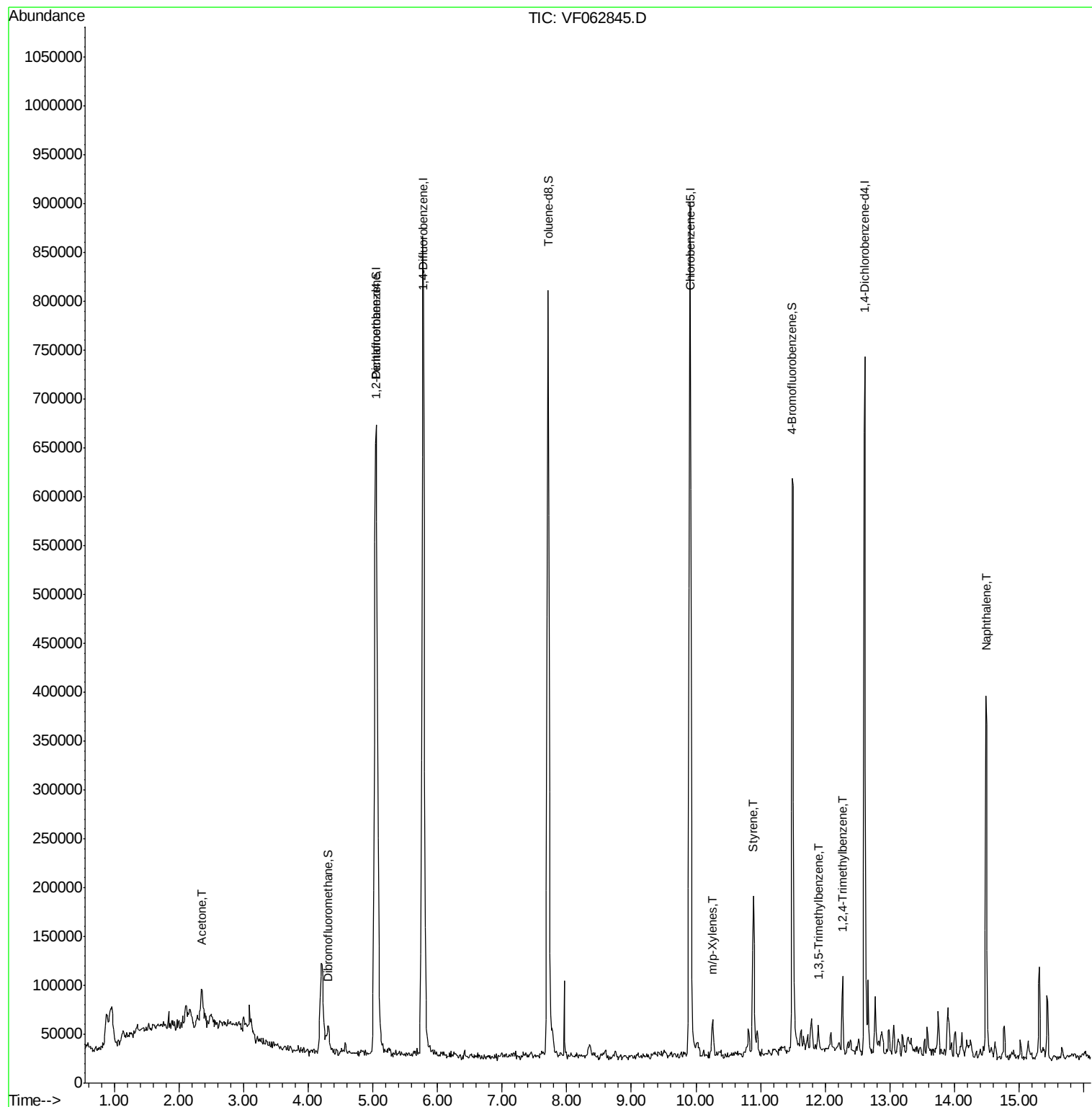
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	576299	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	1062373	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	707450	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	196412	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	210259	52.76	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	4.31	113	19336	2.41	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	4.82%	
50) Toluene-d8	7.71	98	727798	35.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.70%	
62) 4-Bromofluorobenzene	11.49	95	232955	31.90	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	63.80%	
Target Compounds						
					Qvalue	
16) Acetone	2.35	43	33725	36.975	ug/l	97
68) m/p-Xylenes	10.26	106	12548	1.399	ug/l #	71
70) Styrene	10.89	104	86539	6.464	ug/l	92
80) 1,3,5-Trimethylbenzene	11.89	105	13806	1.232	ug/l	80
84) 1,2,4-Trimethylbenzene	12.27	105	35640	3.354	ug/l	93
95) Naphthalene	14.49	128	275369	45.862	ug/l	99

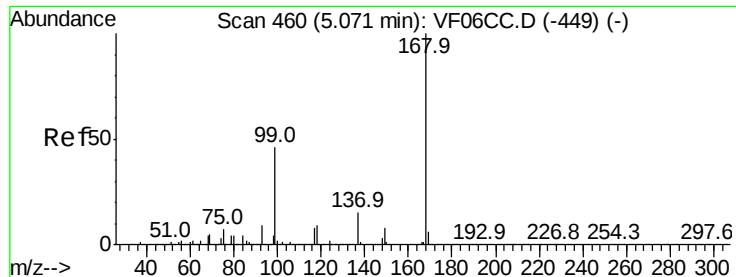
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062845.D
Acq On : 4 Jun 2019 18:10
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ALS Vial : 12 Sample Multiplier: 1

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FK-SF-01-005-A

Quant Time: Jun 05 06:32:07 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: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062845.D

Acq: 4 Jun 2019 18:10

Instrument :

MSVOA_F

ClientSampleId :

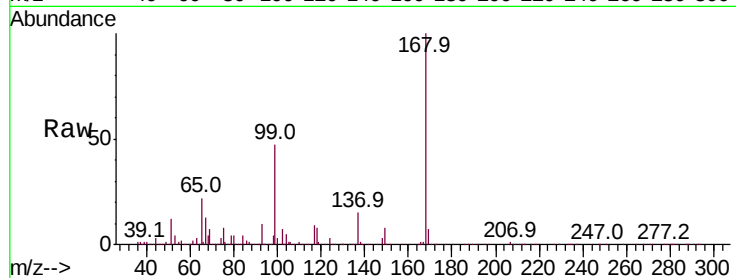
FK-SF-01-005-A

Tot Ion:168 Resp: 576299

Ion Ratio Lower Upper

168 100

99 46.7 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

200000

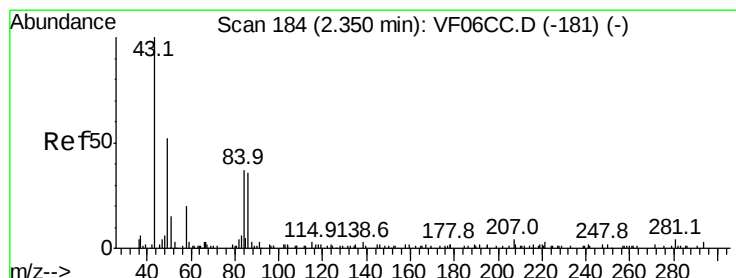
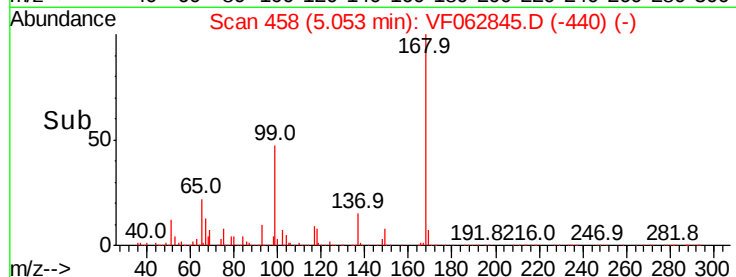
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 36.975 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.01 min

Lab File: VF062845.D

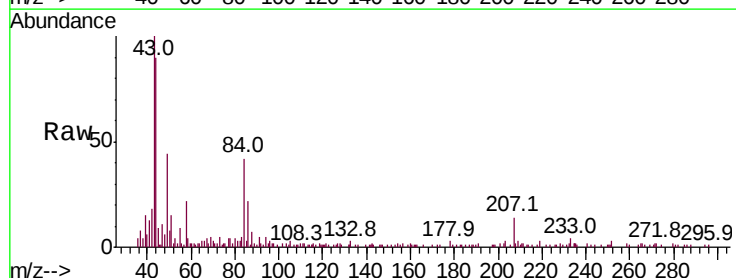
Acq: 4 Jun 2019 18:10

Tgt Ion: 43 Resp: 33725

Ion Ratio Lower Upper

43 100

58 22.3 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

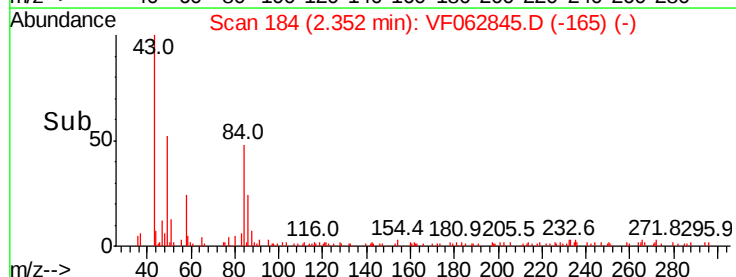
15000

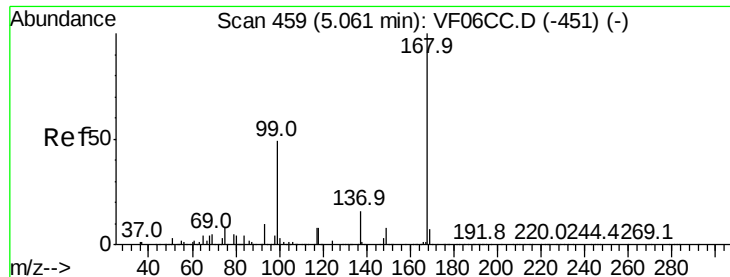
10000

5000

0

Time-->

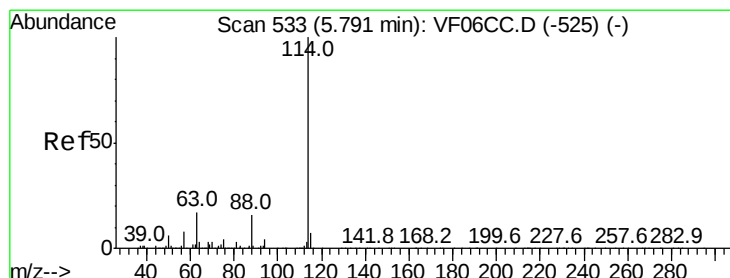
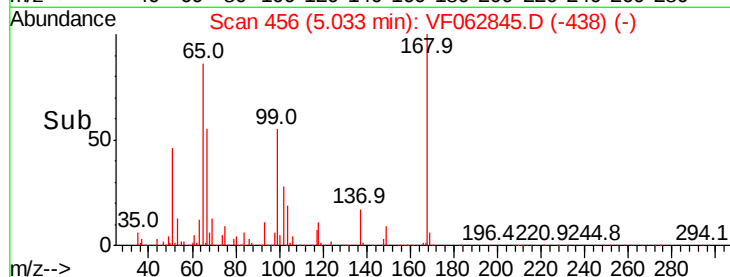
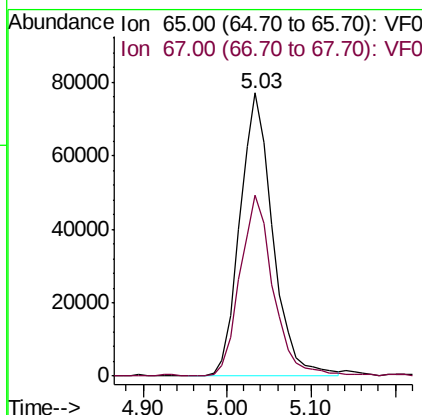
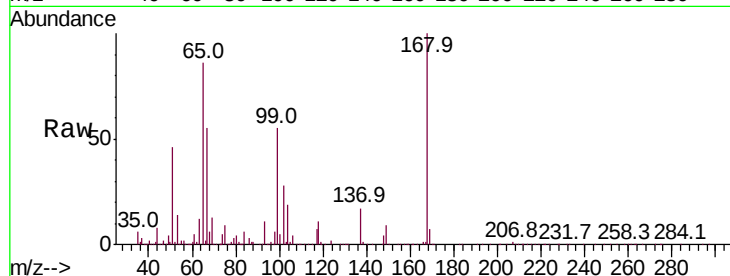




#33
 1,2-Dichloroethane-d4
 Concen: 52.761 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: VF062845.D
 Acq: 4 Jun 2019 18:10

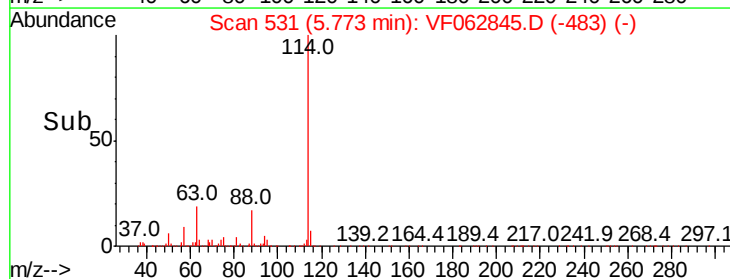
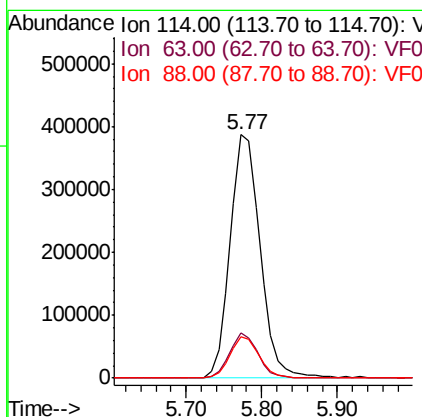
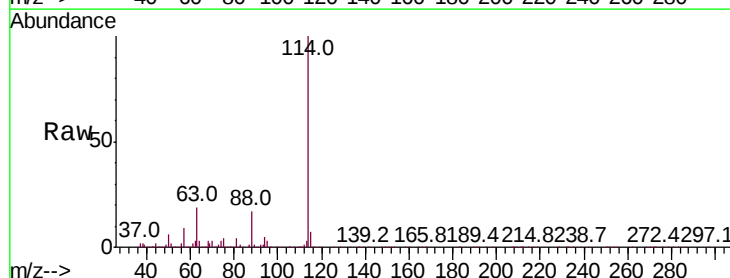
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-SF-01-005-A

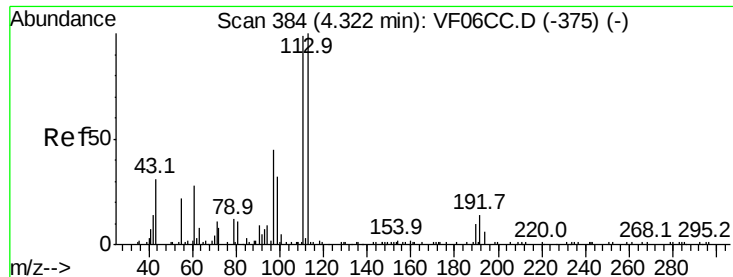
Tot Ion: 65 Resp: 210259
 Ion Ratio Lower Upper
 65 100
 67 63.9 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.03 min
 Lab File: VF062845.D
 Acq: 4 Jun 2019 18:10

Tgt Ion: 114 Resp: 1062373
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.2
 88 17.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 2.409 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.02 min

Lab File: VF062845.D

Acq: 4 Jun 2019 18:10

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-005-A

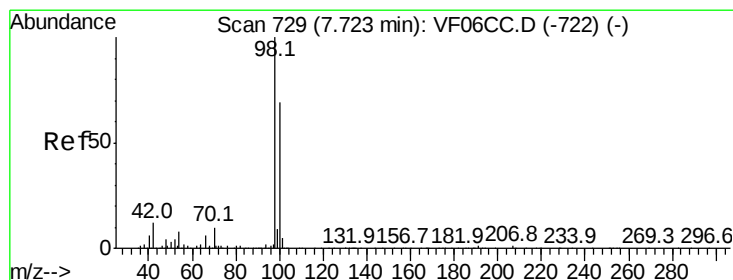
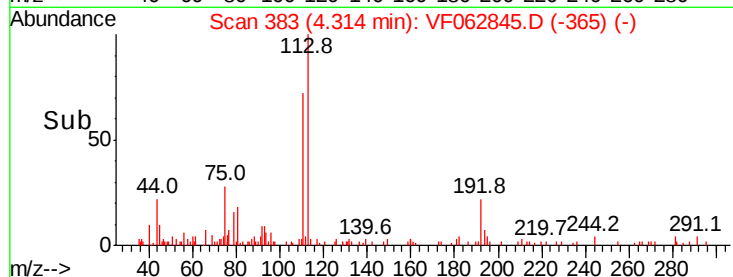
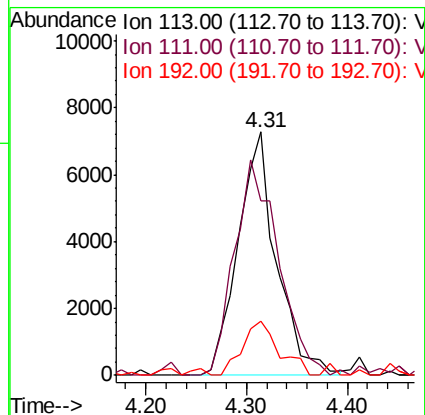
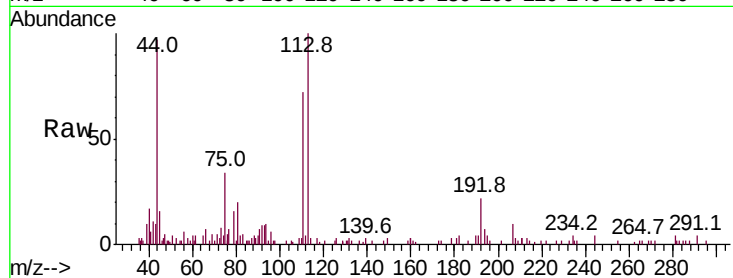
Tot Ion:113 Resp: 19336

Ion Ratio Lower Upper

113 100

111 71.7 81.9 122.9#

192 22.4 15.1 22.7



#50

Toluene-d8

Concen: 35.851 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF062845.D

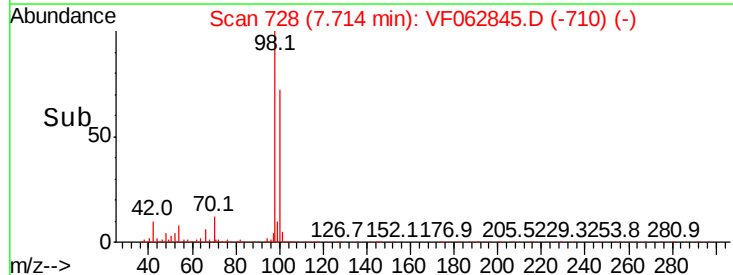
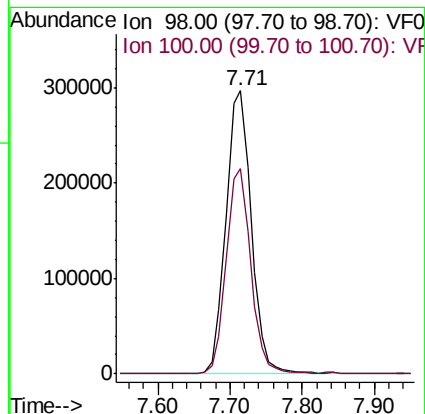
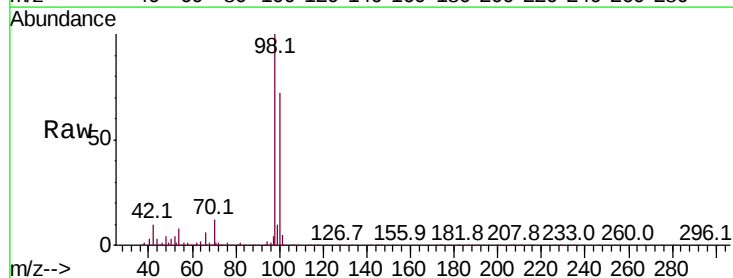
Acq: 4 Jun 2019 18:10

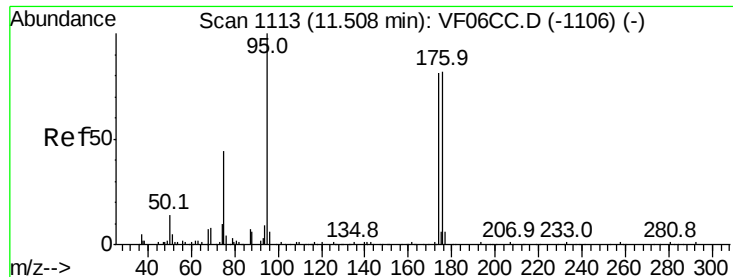
Tgt Ion: 98 Resp: 727798

Ion Ratio Lower Upper

98 100

100 72.4 59.8 89.8





#62

4-Bromofluorobenzene

Concen: 31.901 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF062845.D

Acq: 4 Jun 2019 18:10

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-01-005-A

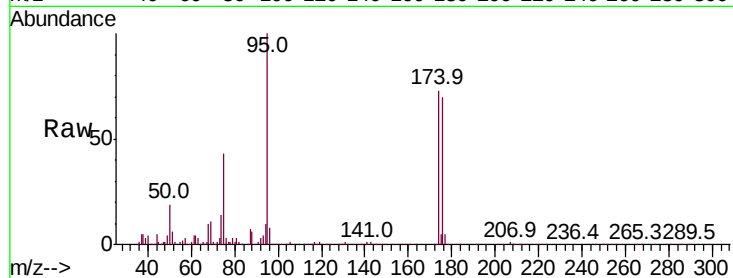
Tot Ion: 95 Resp: 232955

Ion Ratio Lower Upper

95 100

174 73.5 0.0 170.6

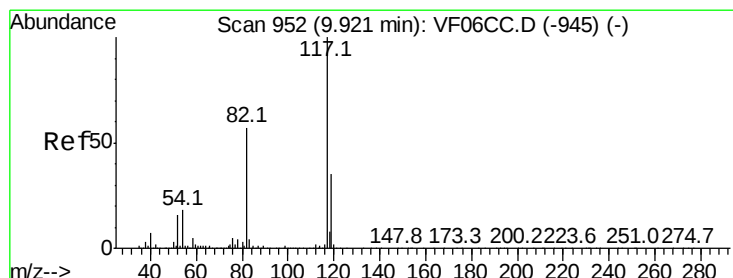
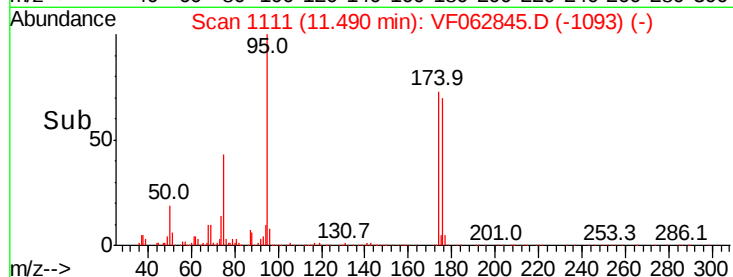
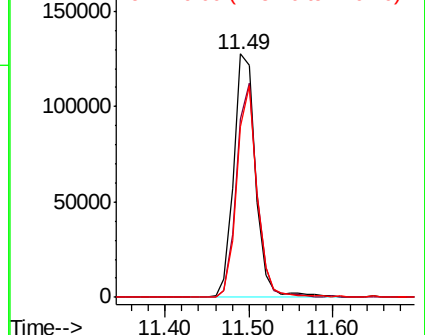
176 70.3 0.0 170.6



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: VF062845.D

Acq: 4 Jun 2019 18:10

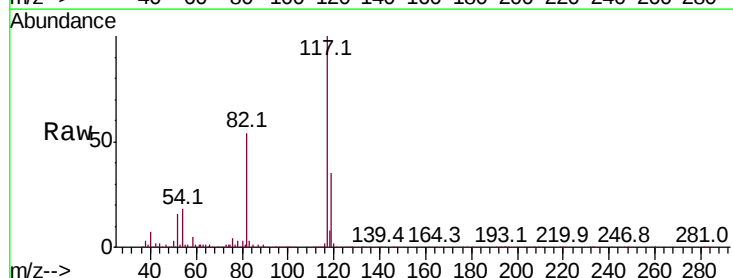
Tgt Ion: 117 Resp: 707450

Ion Ratio Lower Upper

117 100

82 53.9 42.4 63.6

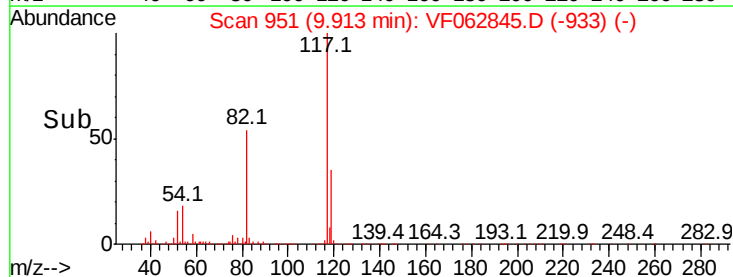
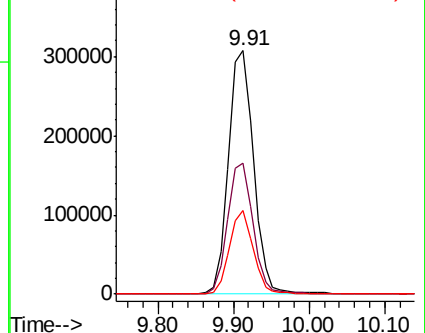
119 34.5 27.1 40.7

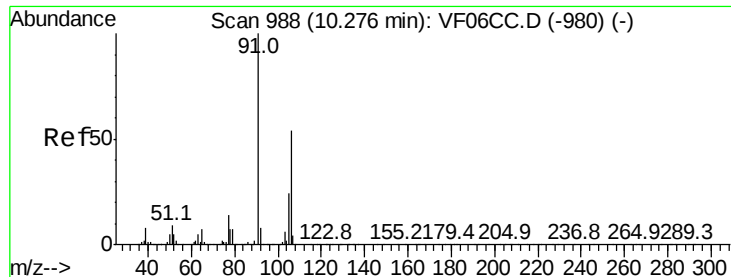


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#68

m/p-Xylenes

Concen: 1.399 ug/l

RT: 10.26 min Scan# 986

Delta R.T. -0.02 min

Lab File: VF062845.D

Acq: 4 Jun 2019 18:10

Instrument :

MSVOA_F

ClientSampleId :

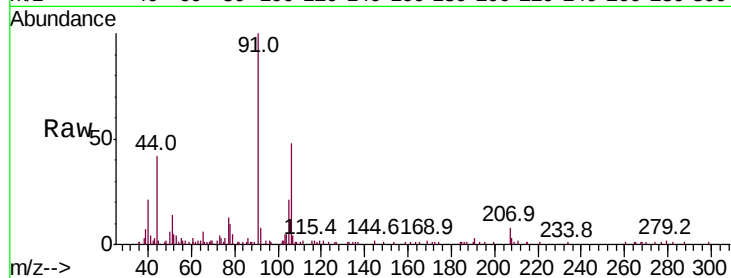
FK-SF-01-005-A

Tot Ion:106 Resp: 12548

Ion Ratio Lower Upper

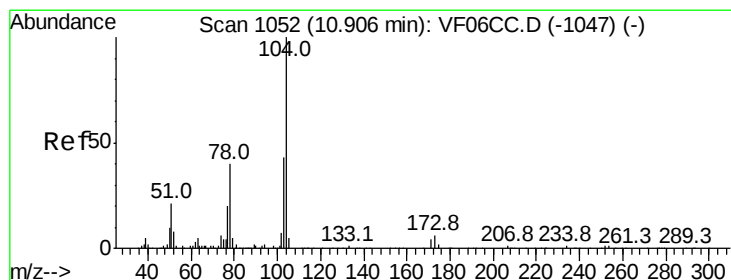
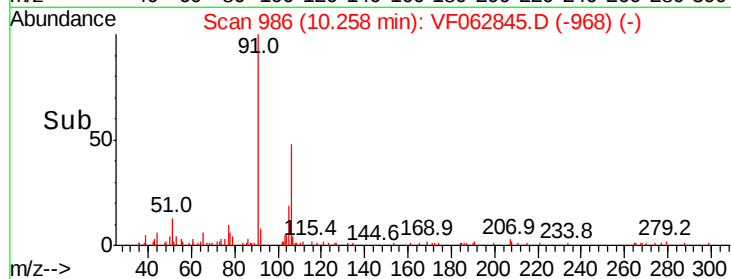
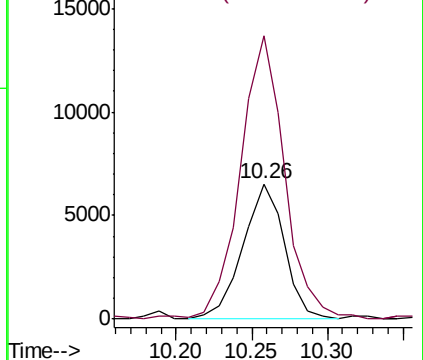
106 100

91 209.6 136.2 204.4#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#70

Styrene

Concen: 6.464 ug/l

RT: 10.89 min Scan# 1050

Delta R.T. -0.02 min

Lab File: VF062845.D

Acq: 4 Jun 2019 18:10

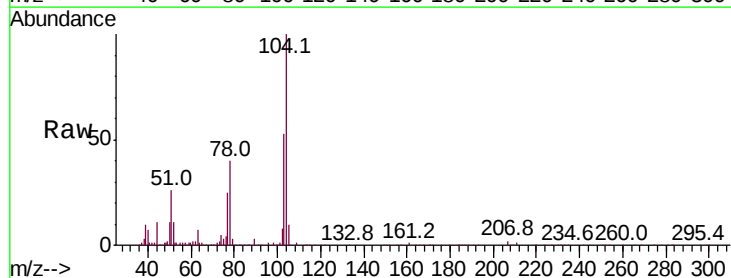
Tgt Ion:104 Resp: 86539

Ion Ratio Lower Upper

104 100

78 40.1 30.8 46.2

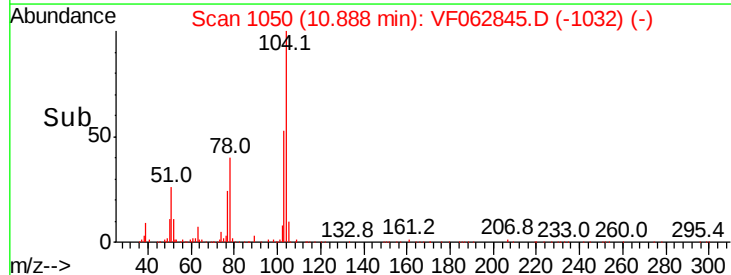
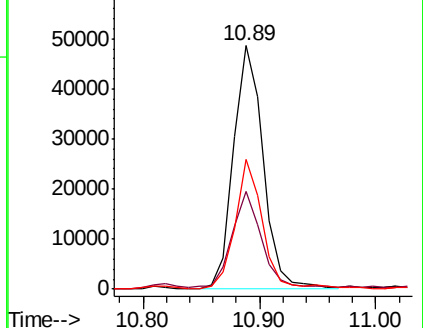
103 53.0 35.8 53.6

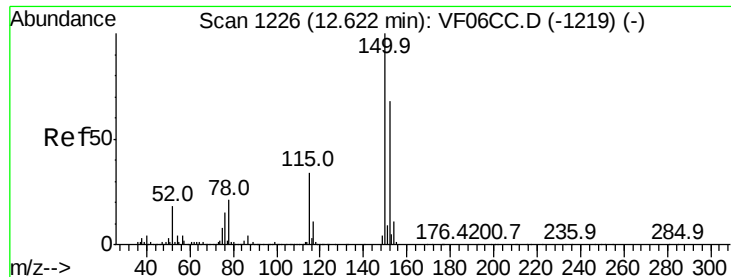


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



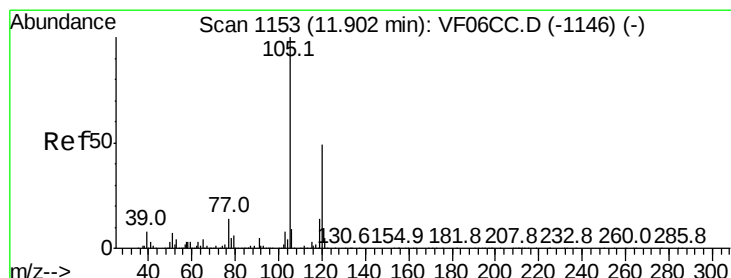
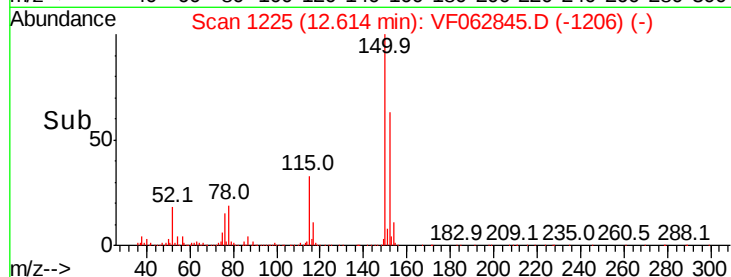
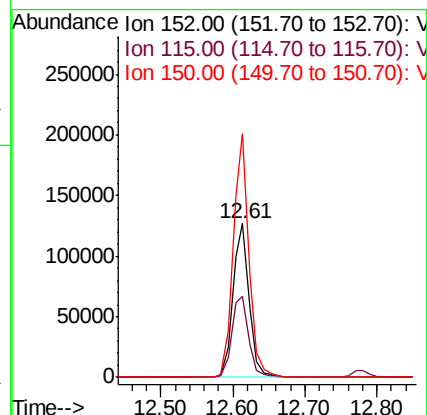
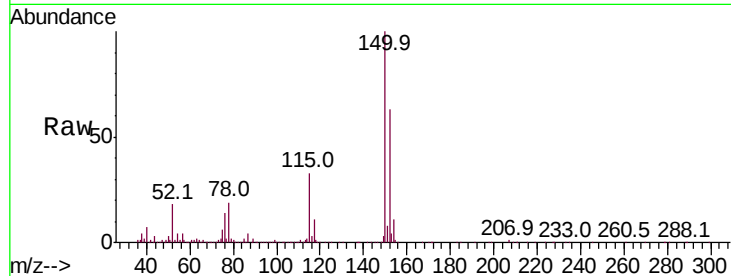


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062845.D
Acq: 4 Jun 2019 18:10

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FK-SF-01-005-A

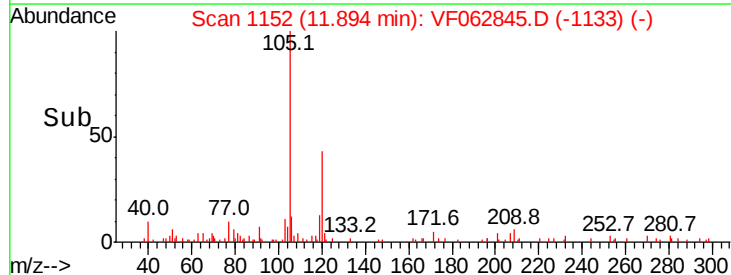
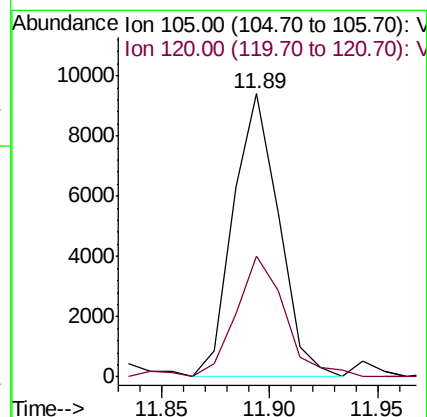
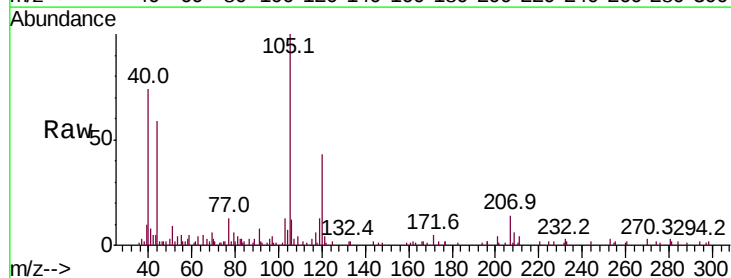
Tot Ion	Ratio	Lower	Upper
152	100		
115	52.2	24.6	74.0
150	158.1	0.0	290.6

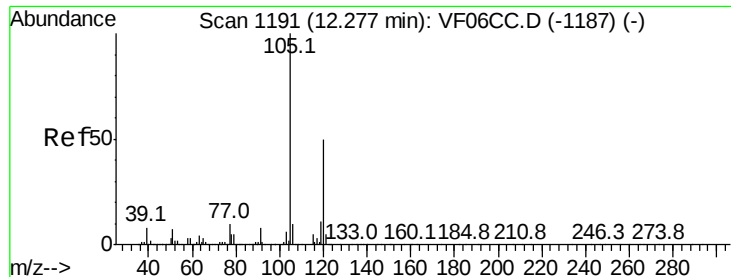


#80

1,3,5-Trimethylbenzene
Concen: 1.232 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. -0.01 min
Lab File: VF062845.D
Acq: 4 Jun 2019 18:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	28.7	86.1





#84

1,2,4-Trimethylbenzene

Concen: 3.354 ug/l

RT: 12.27 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VF062845.D

Acq: 4 Jun 2019 18:10

Instrument :

MSVOA_F

ClientSampleId :

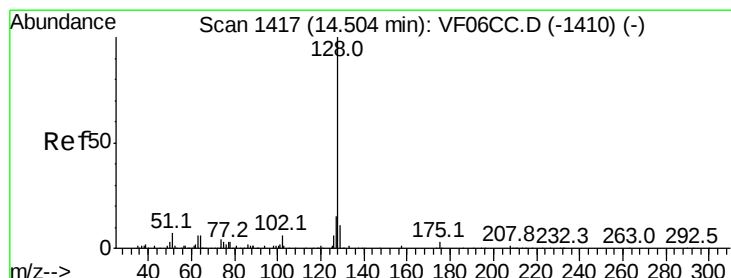
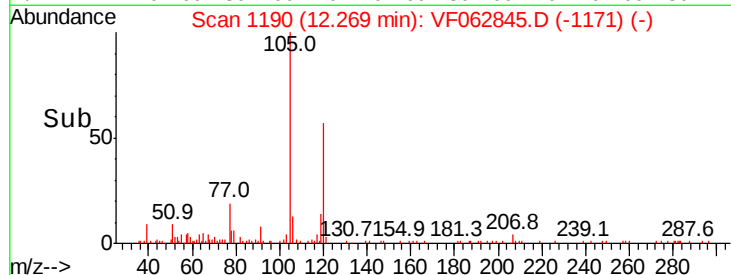
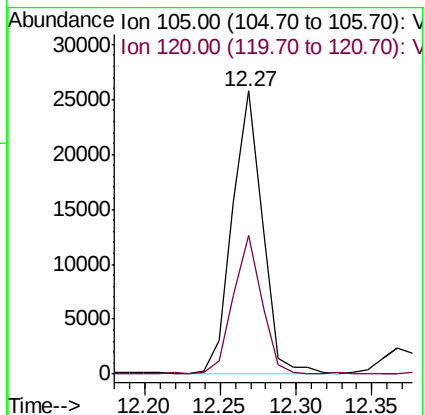
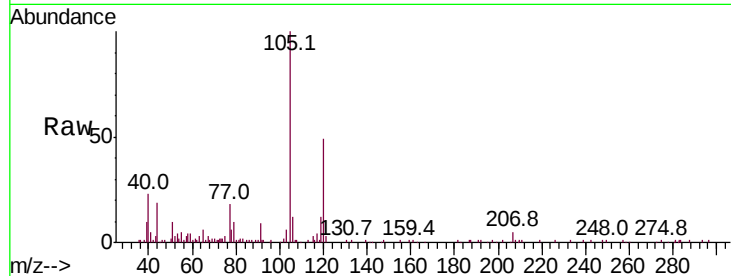
FK-SF-01-005-A

Tot Ion:105 Resp: 35640

Ion Ratio Lower Upper

105 100

120 49.1 27.1 81.3



#95

Naphthalene

Concen: 45.862 ug/l

RT: 14.49 min Scan# 1415

Delta R.T. -0.02 min

Lab File: VF062845.D

Acq: 4 Jun 2019 18:10

Tgt Ion:128 Resp: 275369

Ion Ratio Lower Upper

128 100

127 11.5 9.7 14.5

129 11.4 9.4 14.2

