

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059570.D
 Acq On : 19 Jul 2018 22:19
 Operator : VA/AP
 Sample : J3828-11
 Misc : 6.67g/5mL/MSVOA F/SOIL
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-071818-C

Quant Time: Jul 20 05:54:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

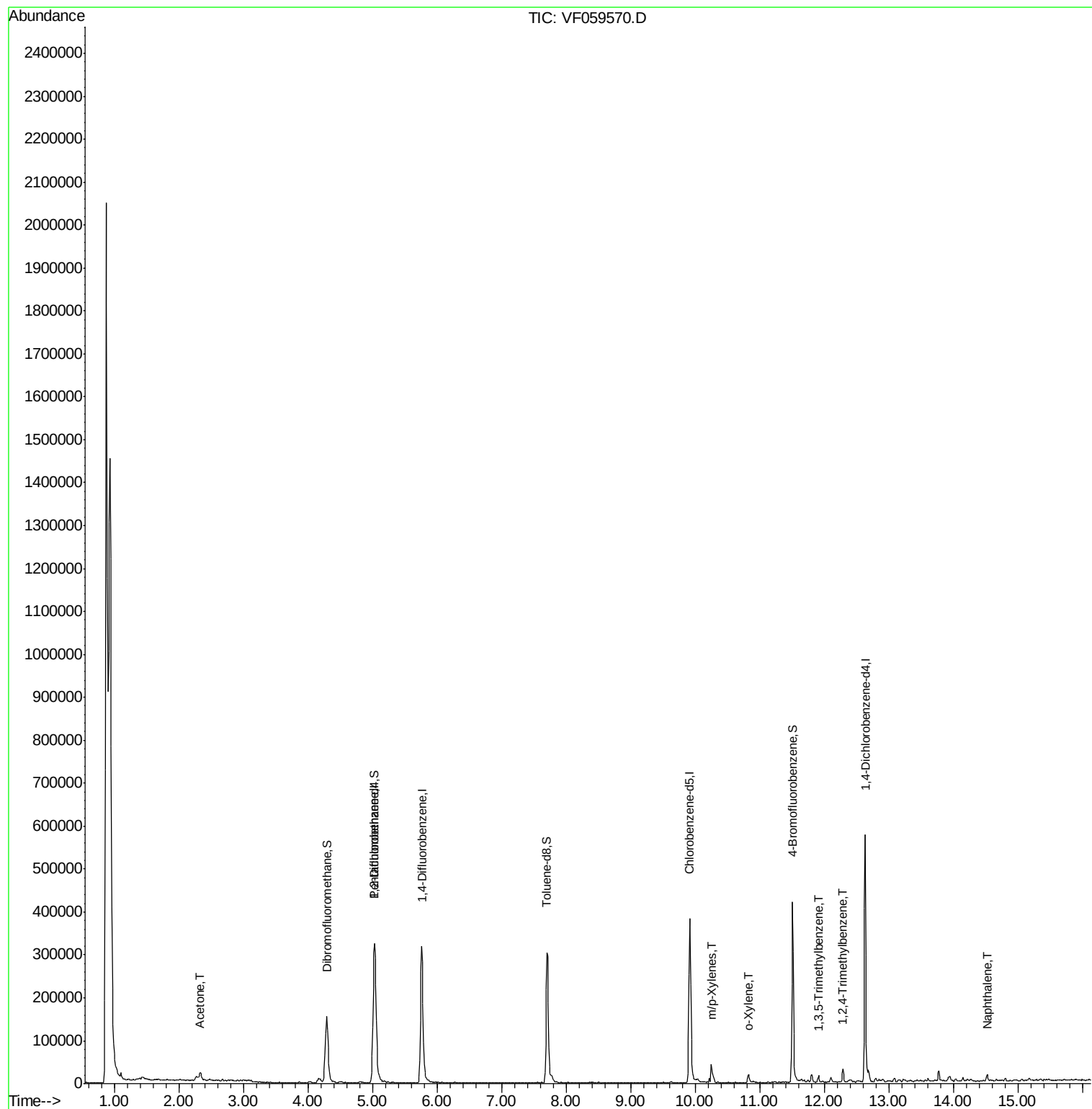
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	217737	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	321187	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	272945	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	142525	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	173339	51.19	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.38%	
35) Dibromofluoromethane	4.29	113	141414	50.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	7.70	98	259762	37.07	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.14%	
62) 4-Bromofluorobenzene	11.51	95	142143	38.67	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.34%	
Target Compounds						
16) Acetone	2.33	43	29248	34.01	ug/l	Qvalue 100
68) m/p-Xylenes	10.25	106	8900	2.77	ug/l	90
69) o-Xylene	10.83	106	4874	1.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.91	105	7756	1.03	ug/l	92
84) 1,2,4-Trimethylbenzene	12.29	105	15227	1.96	ug/l	95
95) Naphthalene	14.52	128	9009	1.73	ug/l #	95

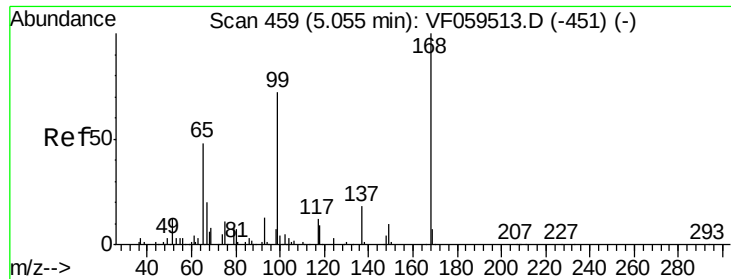
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
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Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059570.D

Acq: 19 Jul 2018 22:19

Instrument :

MSVOA_F

ClientSampleId :

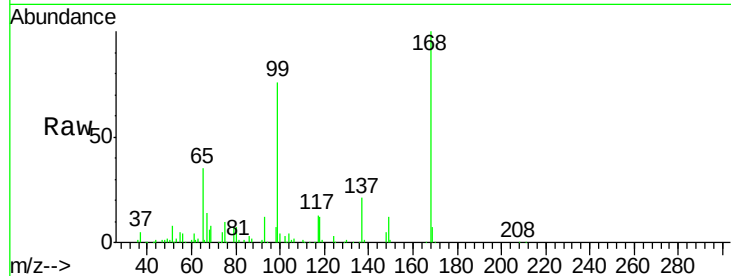
EO-02-071818-C

Tot Ion:168 Resp: 217737

Ion Ratio Lower Upper

168 100

99 76.2 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

60000

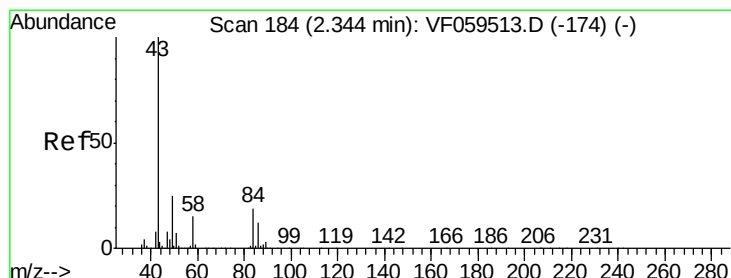
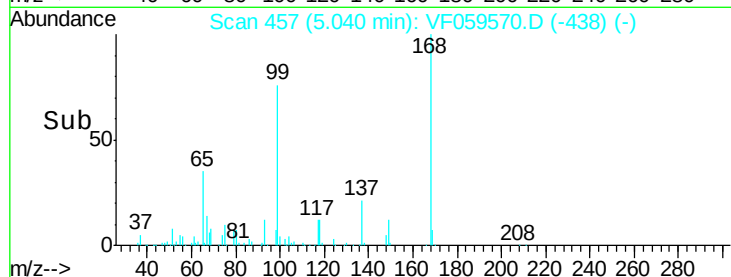
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 34.01 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF059570.D

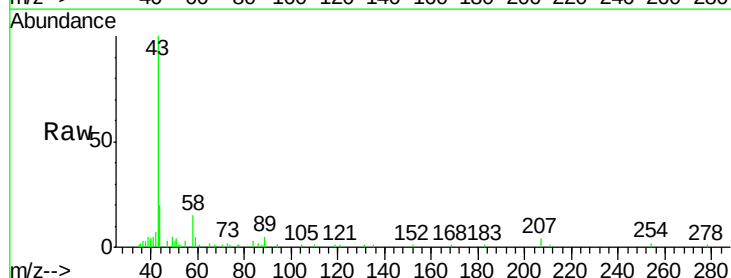
Acq: 19 Jul 2018 22:19

Tgt Ion: 43 Resp: 29248

Ion Ratio Lower Upper

43 100

58 14.6 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

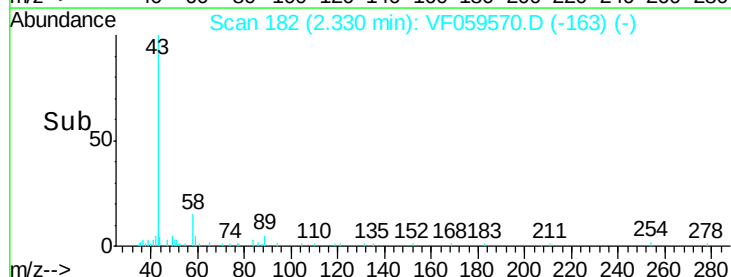
10000

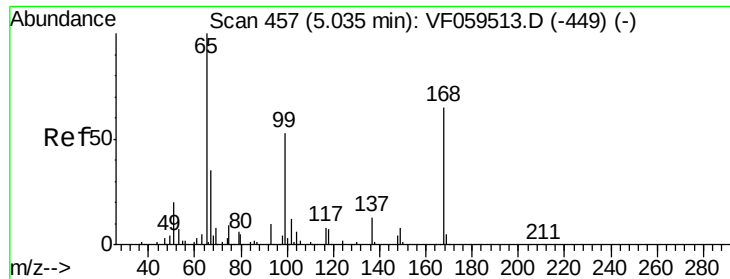
5000

0

Time-->

2.20 2.30 2.40 2.50

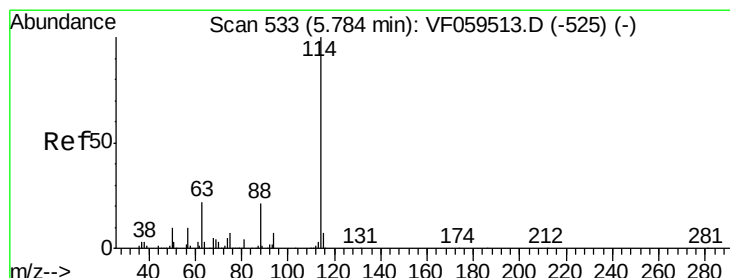
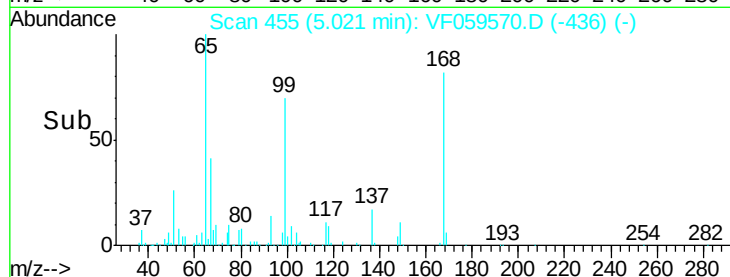
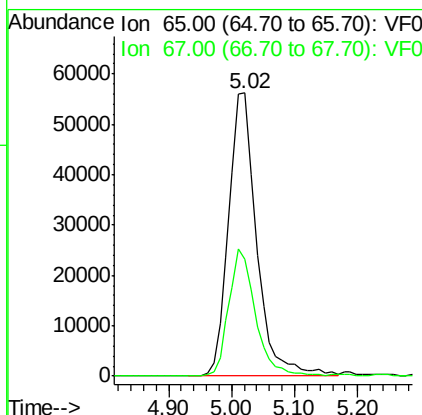
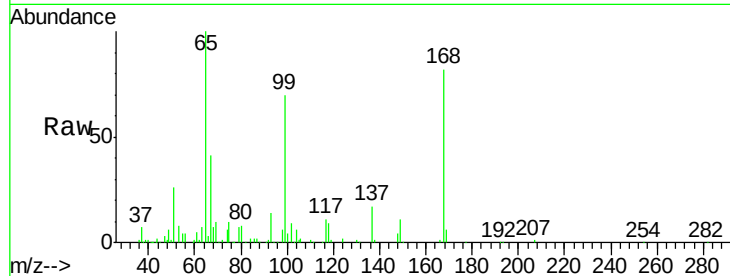




#33
 1,2-Dichloroethane-d4
 Concen: 51.19 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VF059570.D
 Acq: 19 Jul 2018 22:19

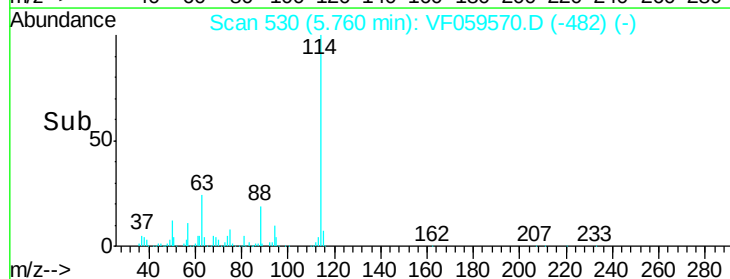
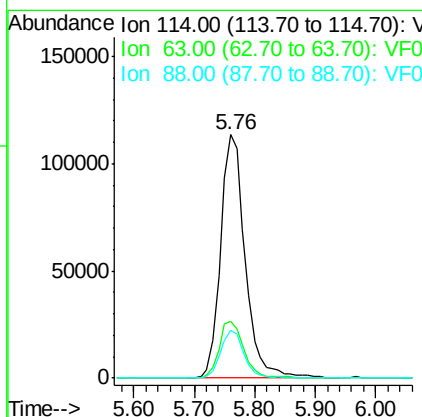
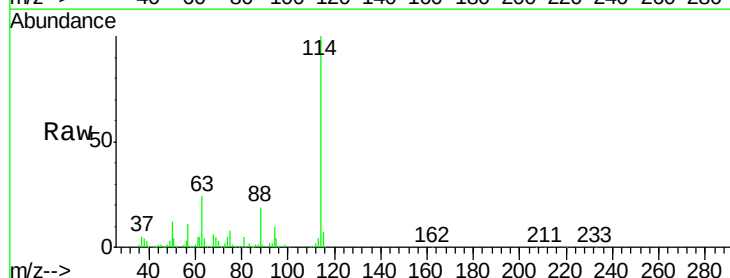
Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-071818-C

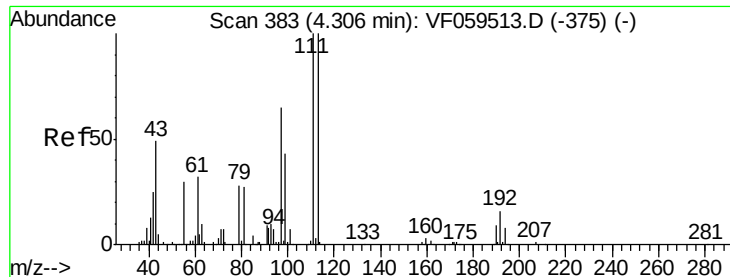
Tot Ion: 65 Resp: 173339
 Ion Ratio Lower Upper
 65 100
 67 41.2 0.0 91.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF059570.D
 Acq: 19 Jul 2018 22:19

Tgt Ion: 114 Resp: 321187
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 44.8
 88 19.4 0.0 42.6

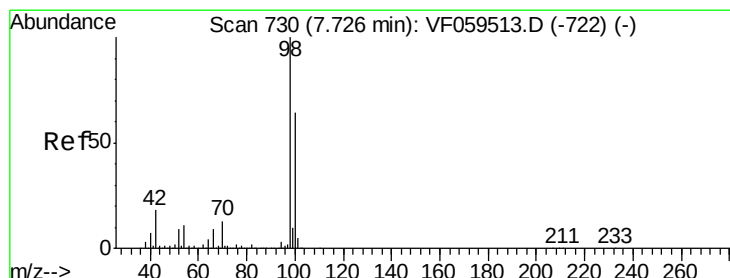
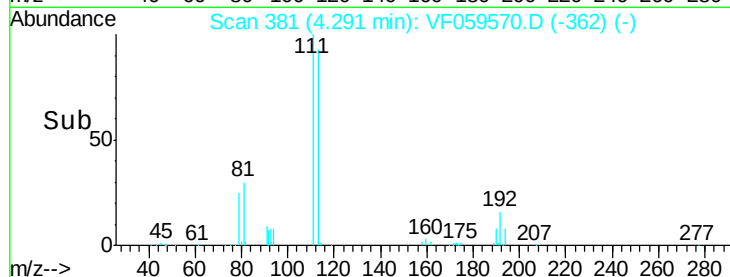
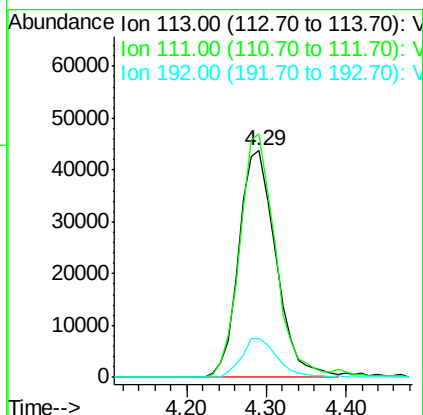
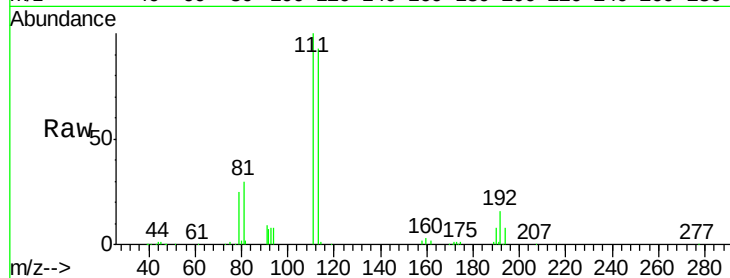




#35
Dibromofluoromethane
Concen: 50.84 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

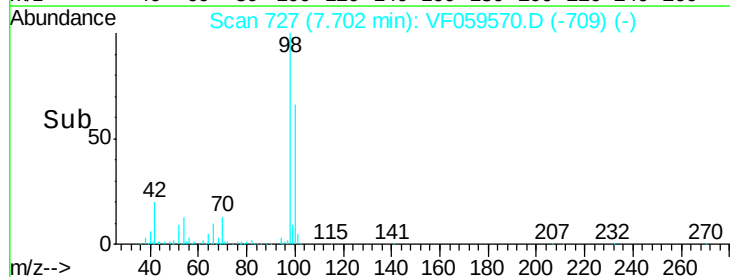
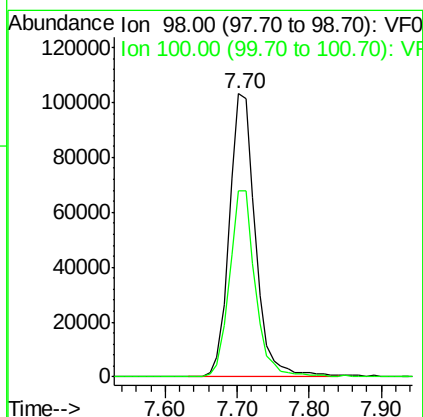
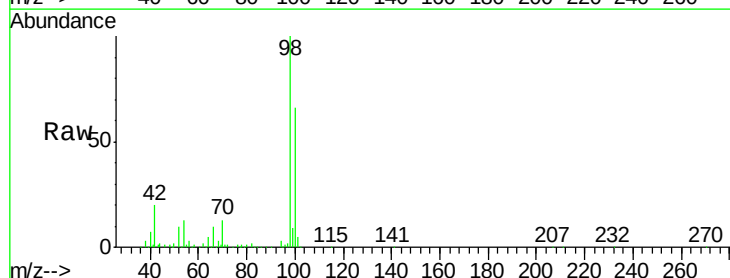
Instrument :
MSVOA_F
ClientSampleId :
EO-02-071818-C

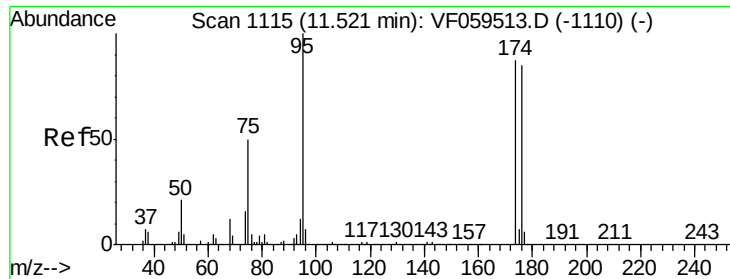
Tot Ion	Ratio	Lower	Upper
113	100		
111	107.5	80.3	120.5
192	17.2	13.1	19.7



#50
Toluene-d8
Concen: 37.07 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	50.9	76.3

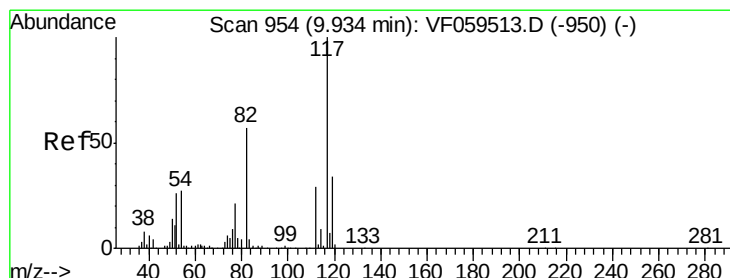
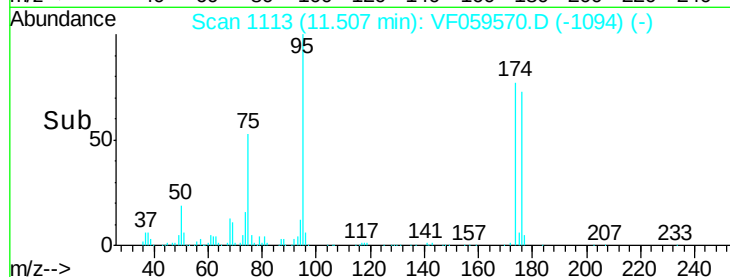
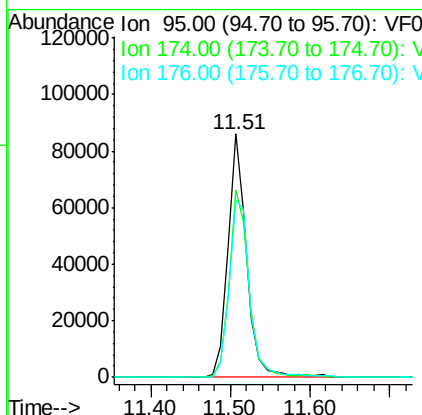
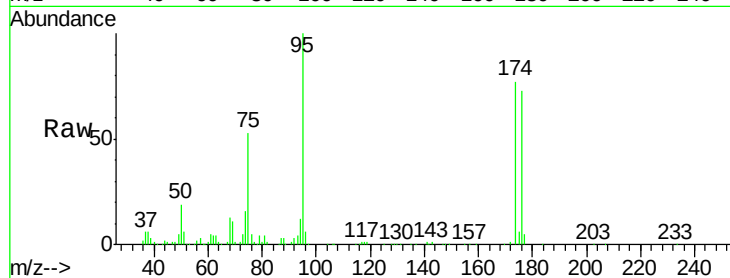




#62
4-Bromofluorobenzene
Concen: 38.67 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

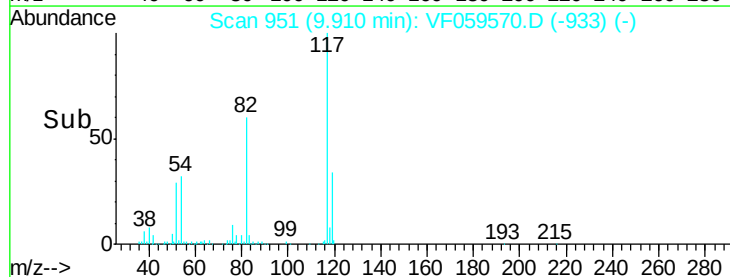
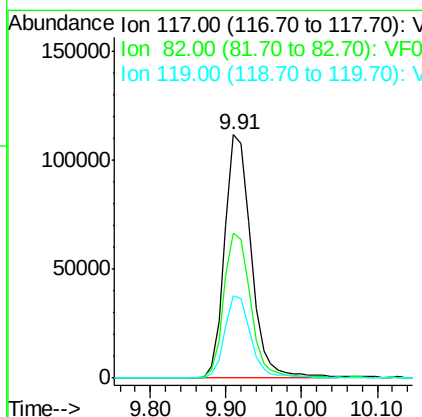
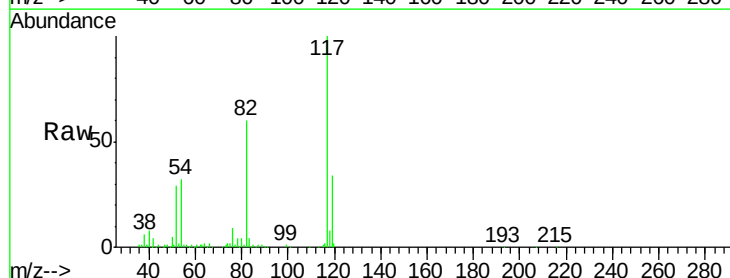
Instrument :
MSVOA_F
ClientSampleId :
EO-02-071818-C

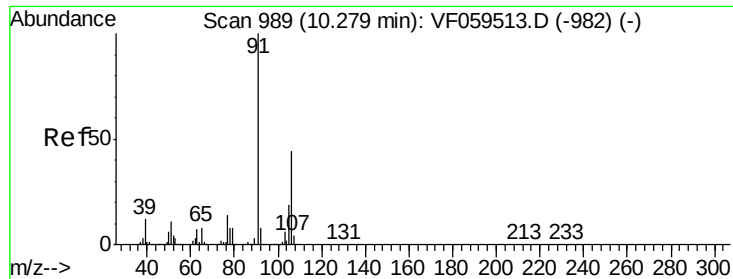
Tot Ion: 95 Resp: 142143
Ion Ratio Lower Upper
95 100
174 77.2 0.0 174.4
176 72.8 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion: 117 Resp: 272945
Ion Ratio Lower Upper
117 100
82 59.5 46.1 69.1
119 33.7 27.2 40.8

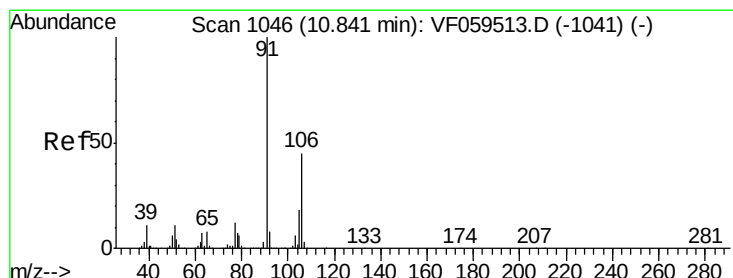
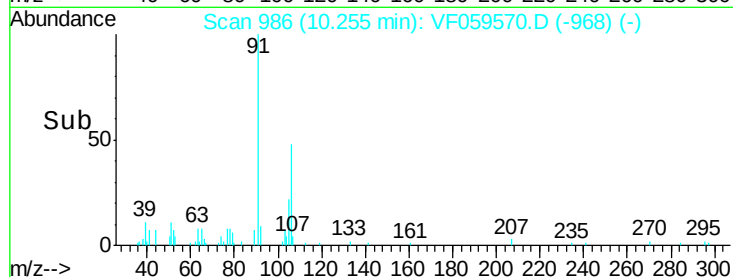
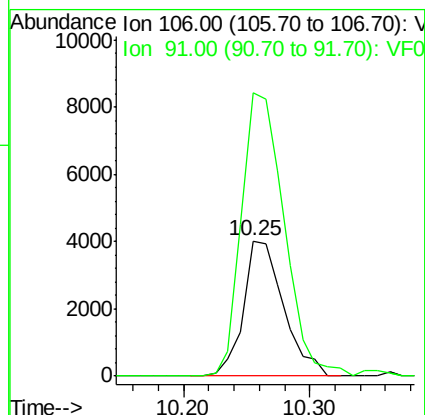
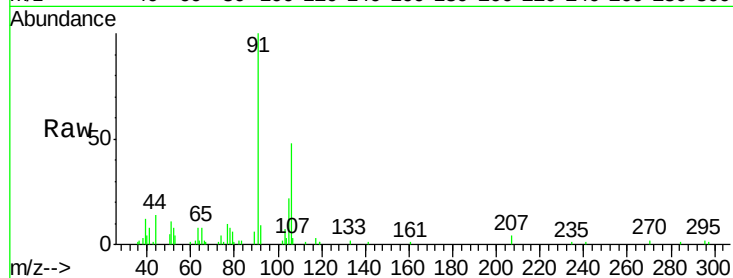




#68
m/p-Xylenes
Concen: 2.77 ug/l
RT: 10.25 min Scan# 986
Delta R.T. -0.02 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

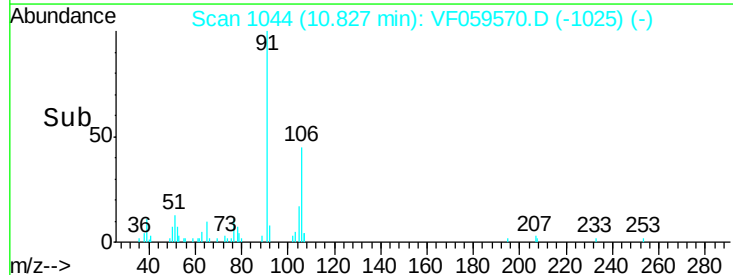
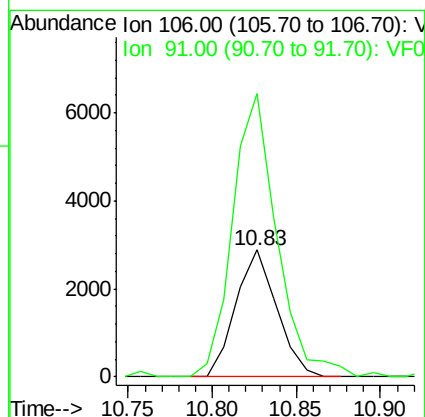
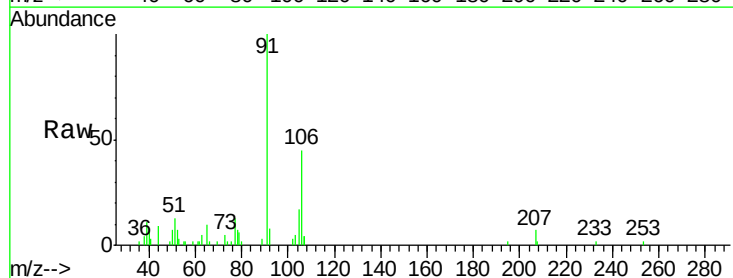
Instrument :
MSVOA_F
ClientSampleId :
EO-02-071818-C

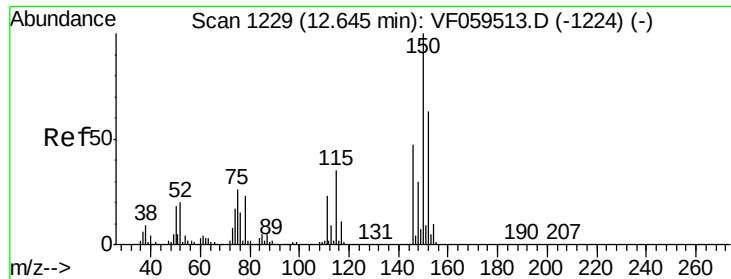
Tot Ion:106 Resp: 8900
Ion Ratio Lower Upper
106 100
91 209.4 181.0 271.4



#69
o-Xylene
Concen: 1.42 ug/l
RT: 10.83 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF059570.D
Acq: 19 Jul 2018 22:19

Tgt Ion:106 Resp: 4874
Ion Ratio Lower Upper
106 100
91 222.8 112.3 336.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059570.D

Acq: 19 Jul 2018 22:19

Instrument :

MSVOA_F

ClientSampleId :

EO-02-071818-C

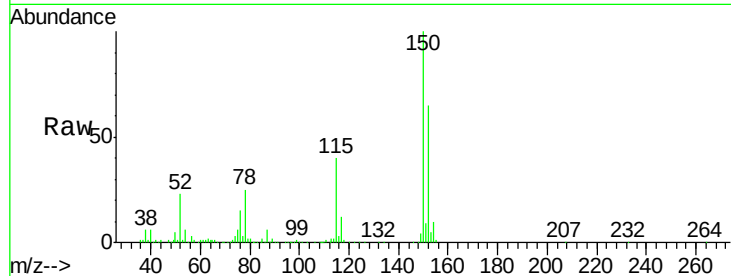
Tot Ion:152 Resp: 142525

Ion Ratio Lower Upper

152 100

115 60.9 27.8 83.3

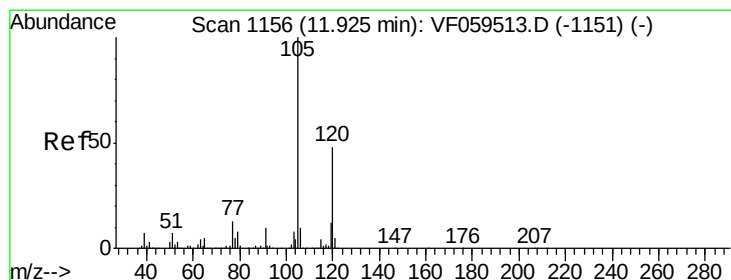
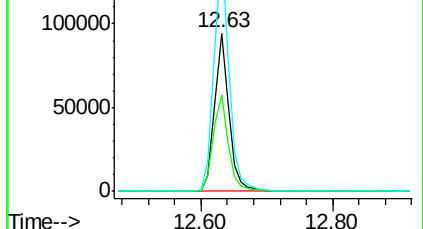
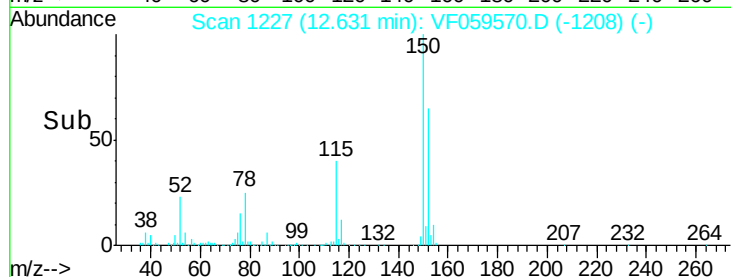
150 153.7 0.0 318.4



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: 1.03 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. -0.01 min

Lab File: VF059570.D

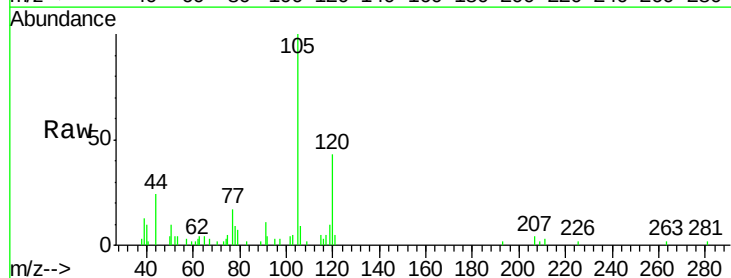
Acq: 19 Jul 2018 22:19

Tgt Ion:105 Resp: 7756

Ion Ratio Lower Upper

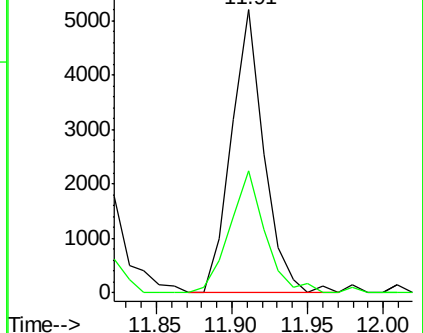
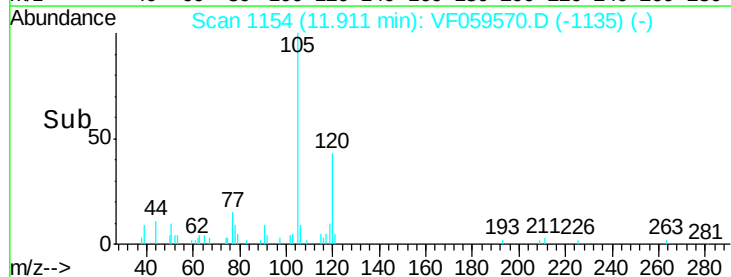
105 100

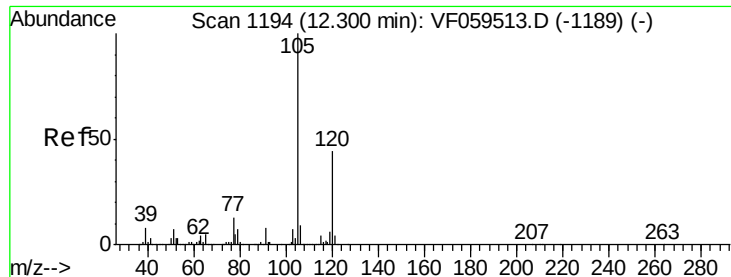
120 43.1 24.1 72.4



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: 1.96 ug/l

RT: 12.29 min Scan# 1192

Delta R.T. -0.01 min

Lab File: VF059570.D

Acq: 19 Jul 2018 22:19

Instrument :

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ClientSampleId :

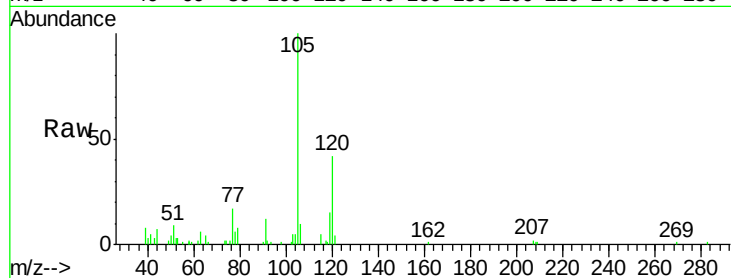
EO-02-071818-C

Tot Ion:105 Resp: 15227

Ion Ratio Lower Upper

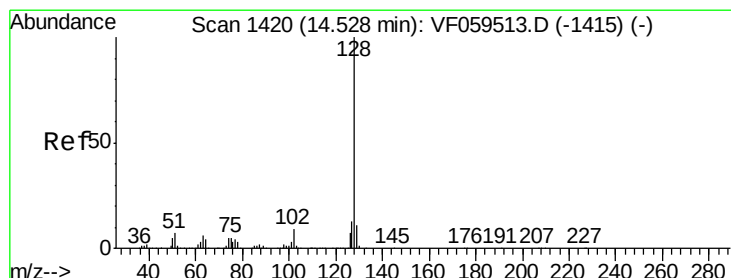
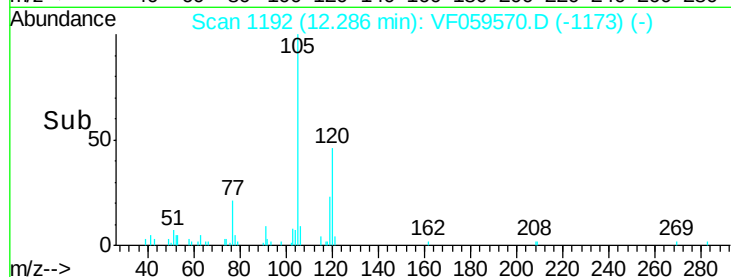
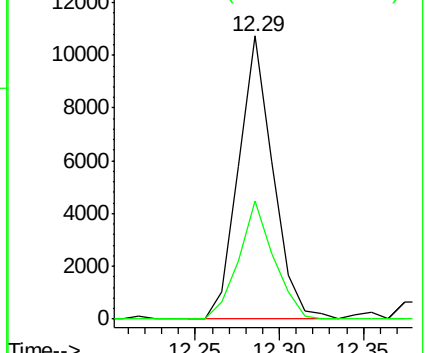
105 100

120 41.6 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.73 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VF059570.D

Acq: 19 Jul 2018 22:19

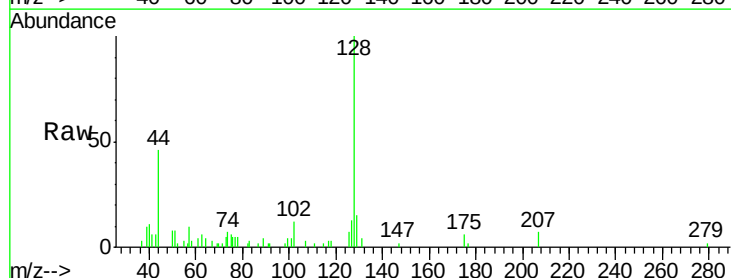
Tgt Ion:128 Resp: 9009

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 14.7 9.0 13.4#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

