

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072018\
 Data File : VF059596.D
 Acq On : 20 Jul 2018 22:22
 Operator : VA/AP
 Sample : J3828-07
 Misc : 6.83g/5mL/MSVOA F/SOIL
 ALS Vial : 91 Sample Multiplier: 1

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

Quant Time: Jul 21 00:30:00 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

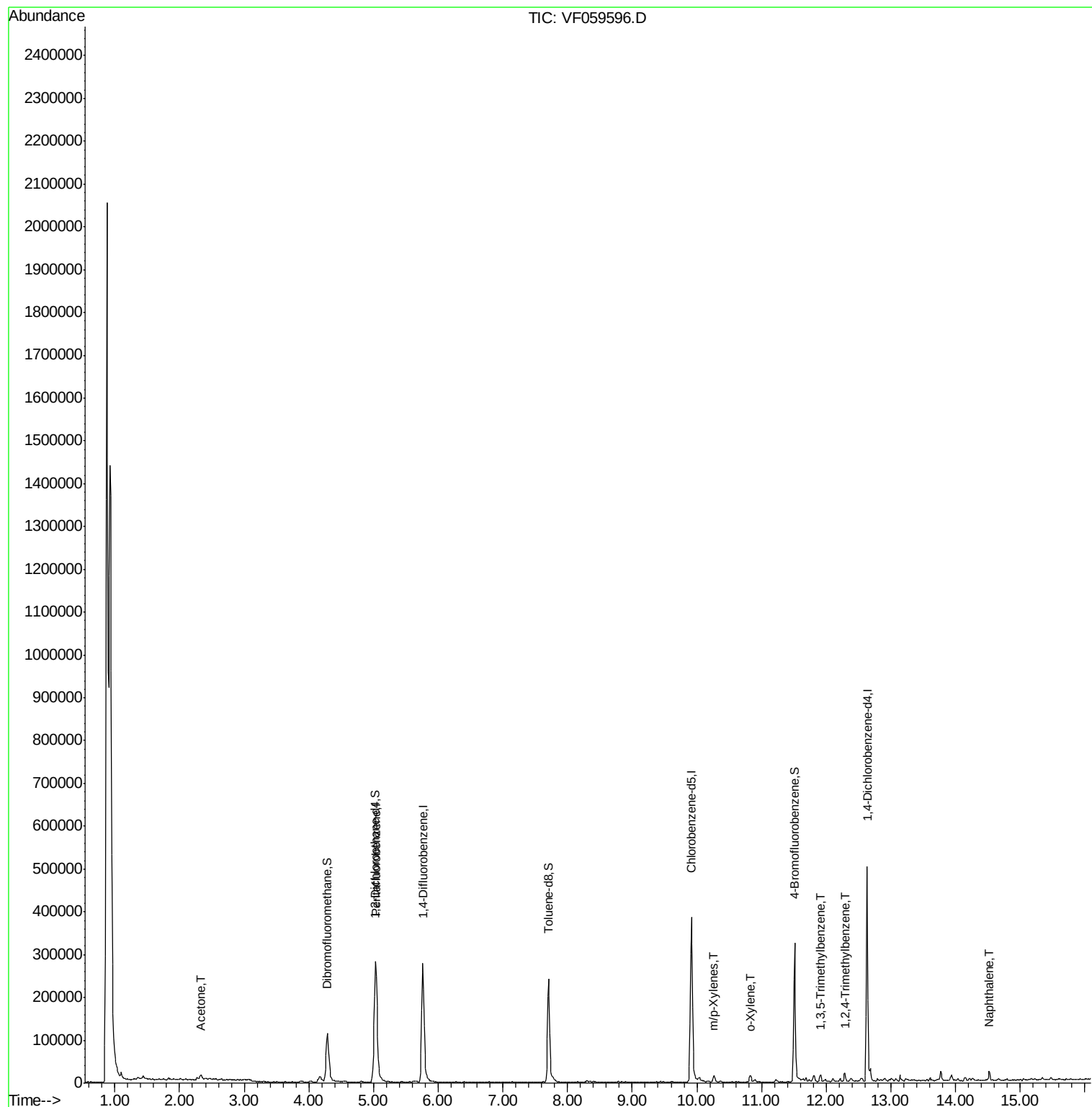
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	208239	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	286810	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	274041	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	134810	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	124611	38.48	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.96%	
35) Dibromofluoromethane	4.29	113	105691	42.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.10%	
50) Toluene-d8	7.71	98	203157	32.47	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	64.94%	
62) 4-Bromofluorobenzene	11.51	95	110398	33.63	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	67.26%	
Target Compounds						
16) Acetone	2.33	43	15753	5.62	ug/l	94
68) m/p-Xylenes	10.26	106	5472	1.69	ug/l	83
69) o-Xylene	10.83	106	4377	1.27	ug/l	95
80) 1,3,5-Trimethylbenzene	11.91	105	8985	1.26	ug/l	91
84) 1,2,4-Trimethylbenzene	12.29	105	10252	1.40	ug/l	94
95) Naphthalene	14.52	128	12768	2.59	ug/l	96

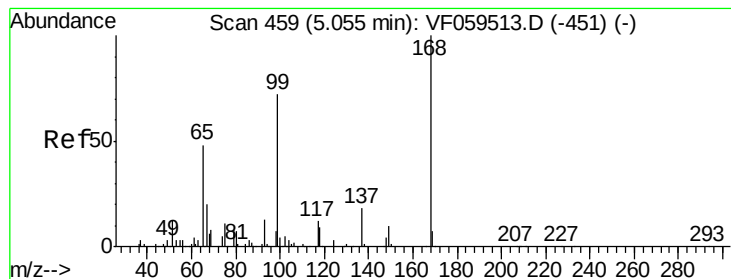
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF072018\
Data File : VF059596.D
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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: 5.03 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF059596.D

Acq: 20 Jul 2018 22:22

Instrument :

MSVOA_F

ClientSampleId :

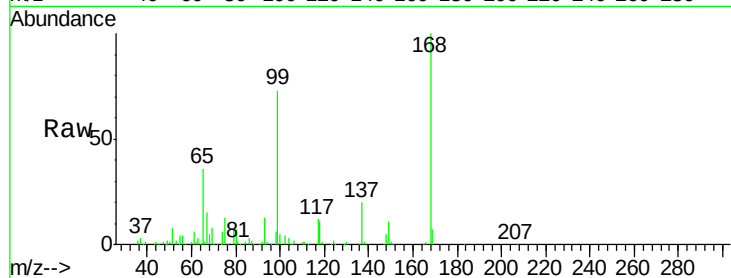
EO-02-071818-A

Tot Ion:168 Resp: 208239

Ion Ratio Lower Upper

168 100

99 72.7 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

60000

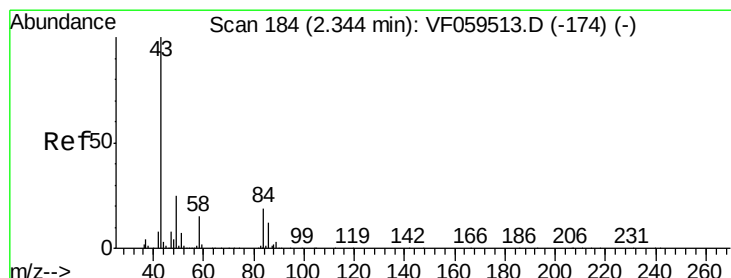
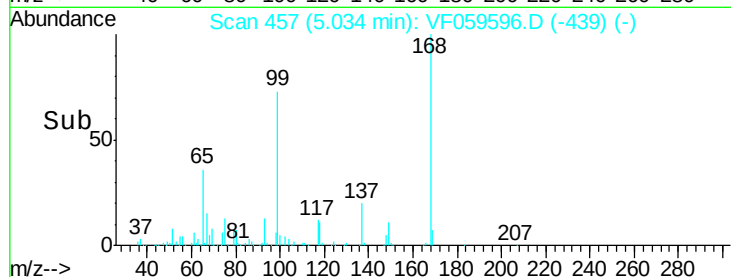
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 5.62 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF059596.D

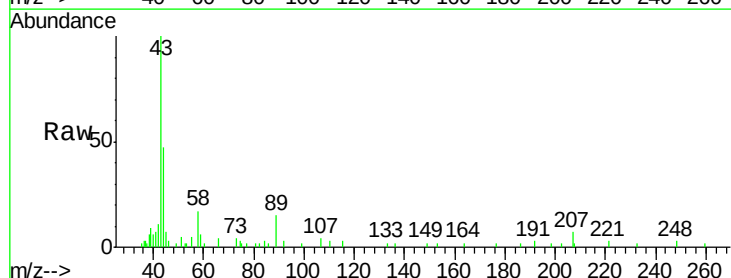
Acq: 20 Jul 2018 22:22

Tgt Ion: 43 Resp: 15753

Ion Ratio Lower Upper

43 100

58 17.1 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

6000

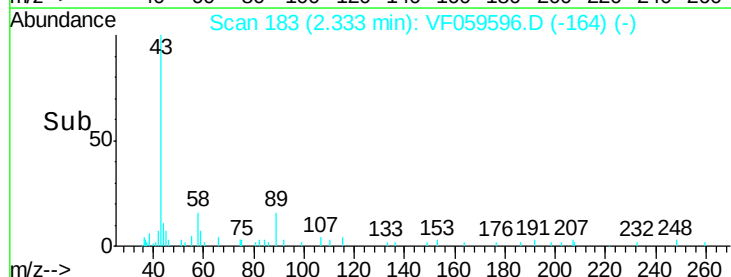
4000

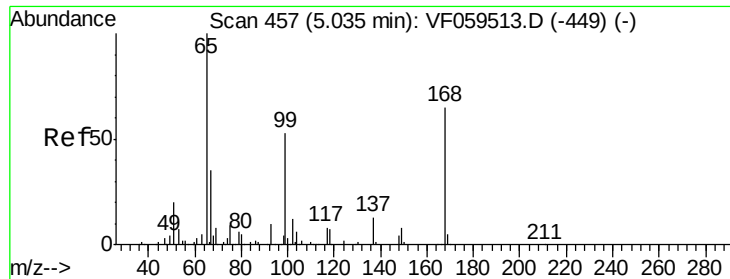
2000

0

2.30 2.40

Time-->

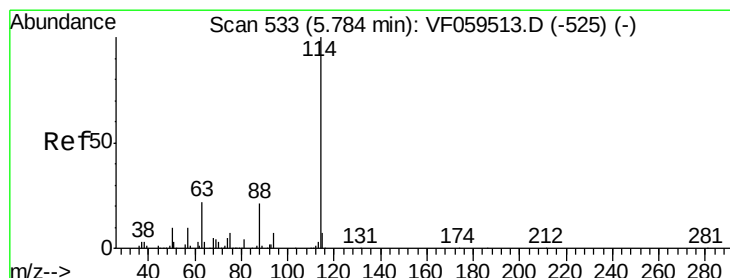
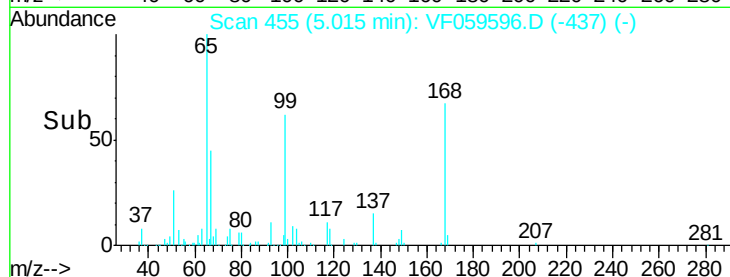
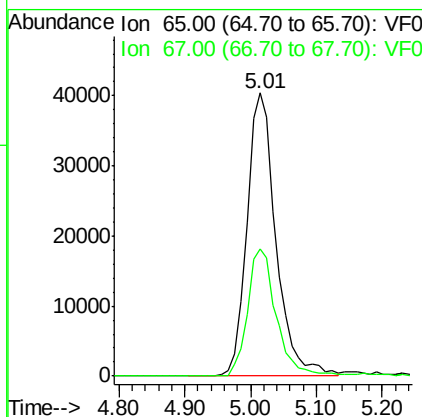
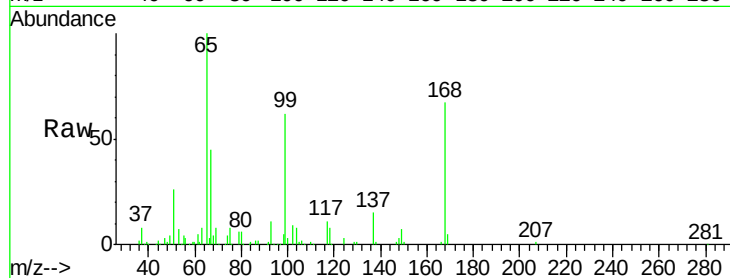




#33
 1,2-Dichloroethane-d4
 Concen: 38.48 ug/l
 RT: 5.01 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: VF059596.D
 Acq: 20 Jul 2018 22:22

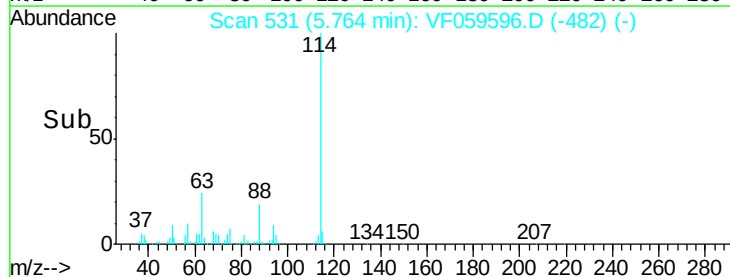
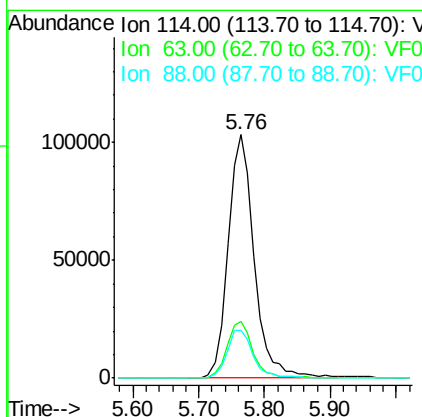
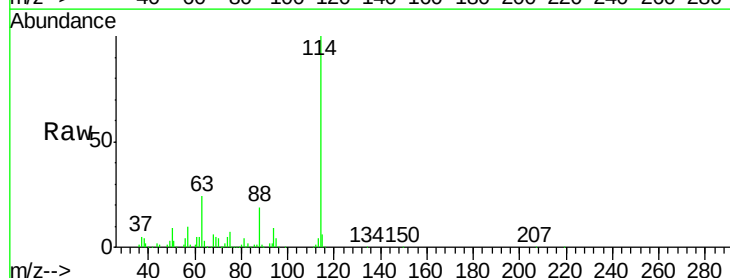
Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-071818-A

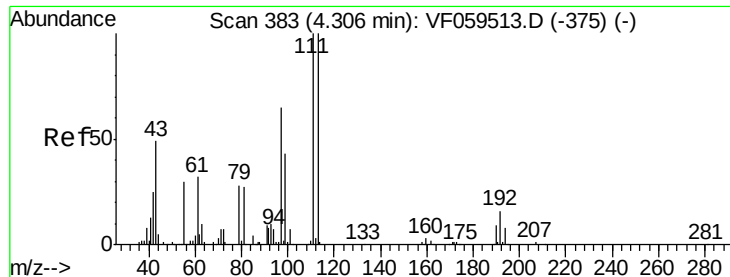
Tot Ion: 65 Resp: 124611
 Ion Ratio Lower Upper
 65 100
 67 45.0 0.0 91.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VF059596.D
 Acq: 20 Jul 2018 22:22

Tgt Ion: 114 Resp: 286810
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 44.8
 88 19.4 0.0 42.6





#35

Dibromofluoromethane

Concen: 42.55 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF059596.D

Acq: 20 Jul 2018 22:22

Instrument :

MSVOA_F

ClientSampleId :

EO-02-071818-A

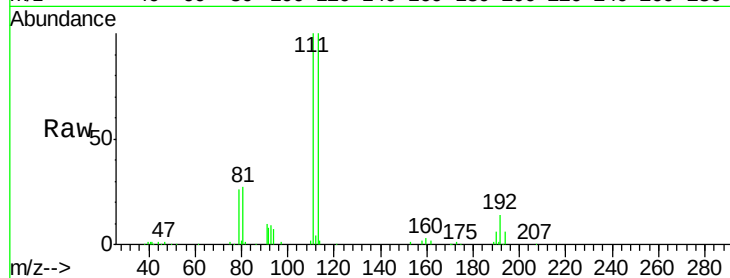
Tot Ion:113 Resp: 105691

Ion Ratio Lower Upper

113 100

111 100.5 80.3 120.5

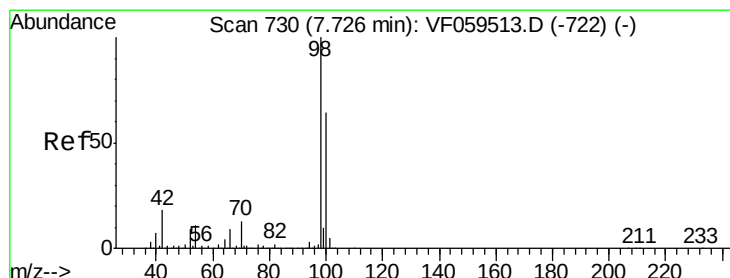
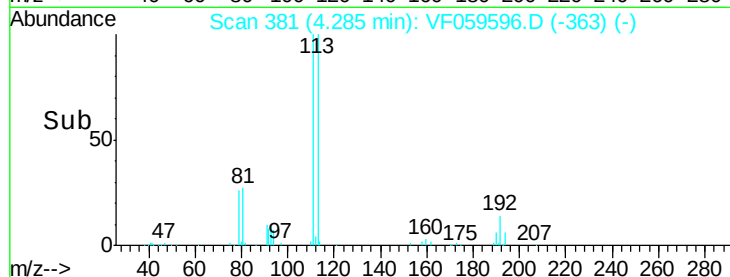
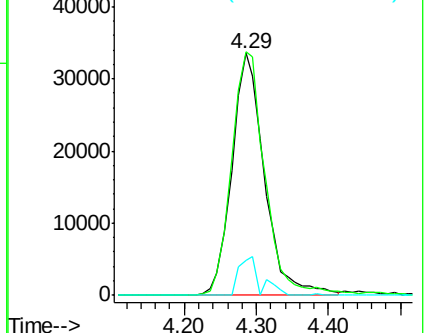
192 14.3 13.1 19.7



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: 32.47 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF059596.D

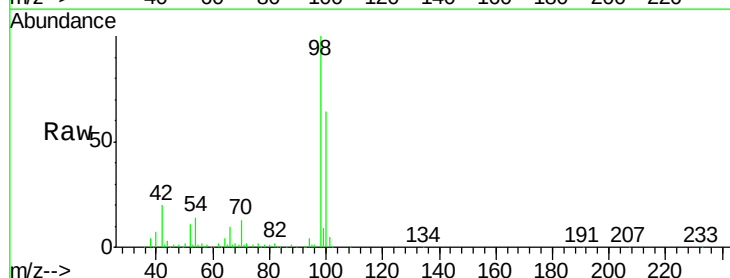
Acq: 20 Jul 2018 22:22

Tgt Ion: 98 Resp: 203157

Ion Ratio Lower Upper

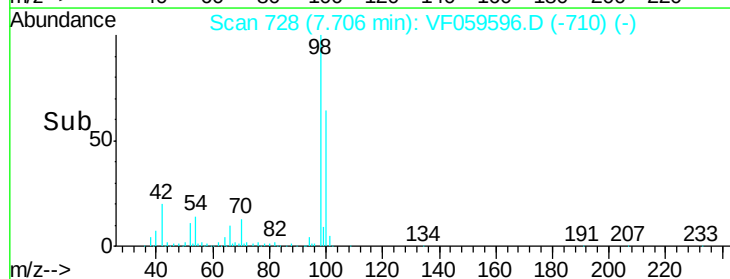
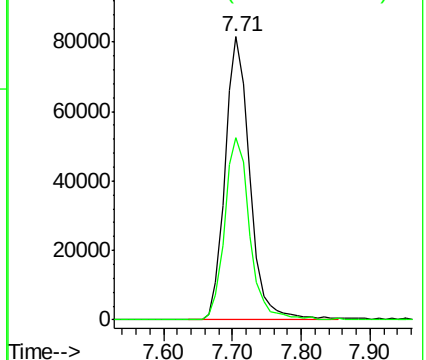
98 100

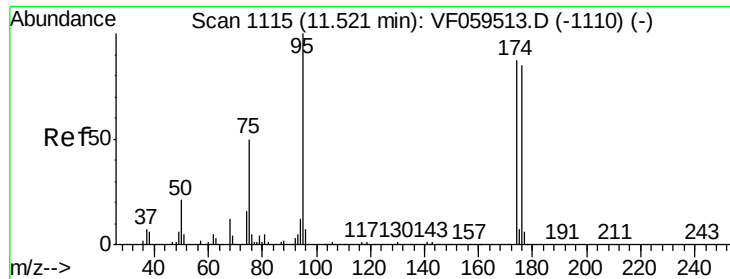
100 64.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

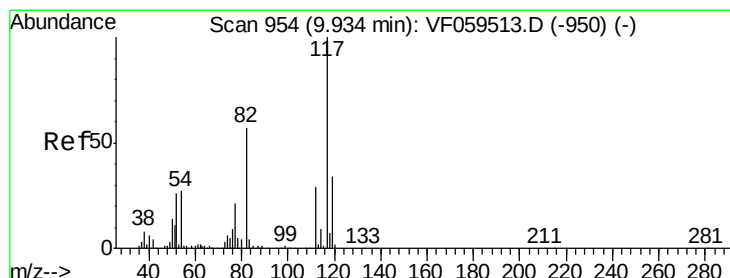
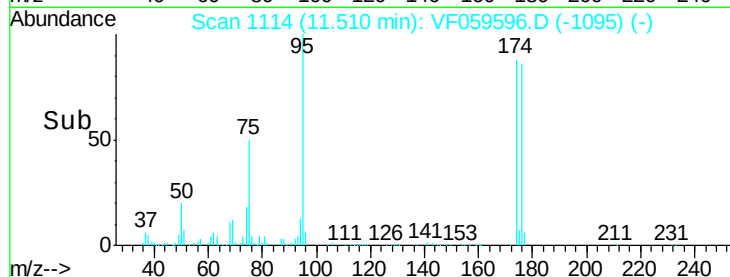
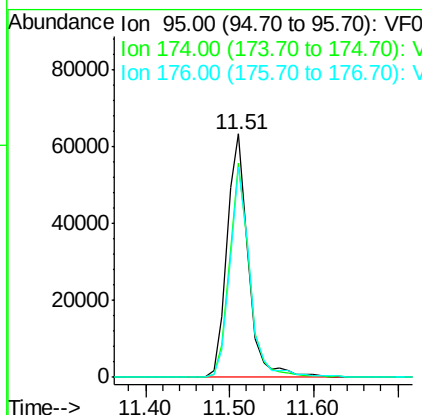
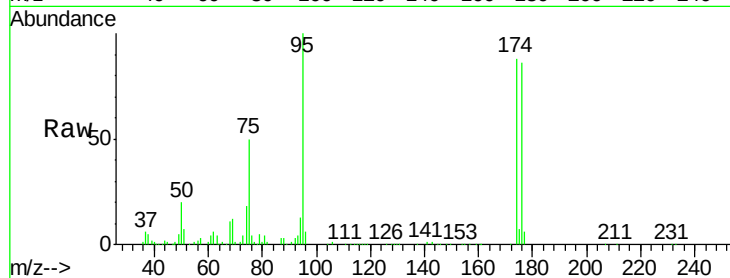




#62
4-Bromofluorobenzene
Concen: 33.63 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF059596.D
Acq: 20 Jul 2018 22:22

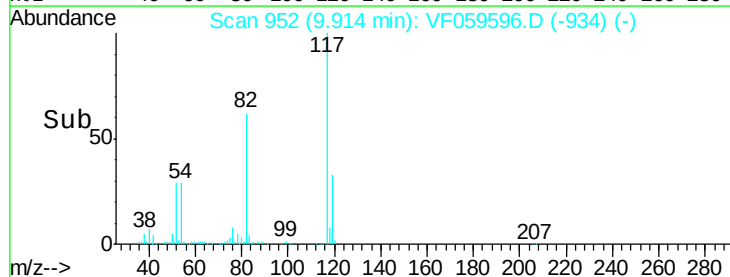
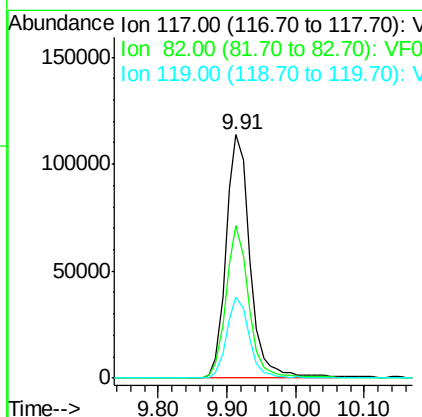
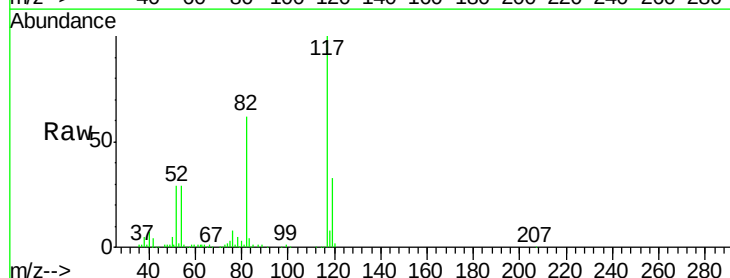
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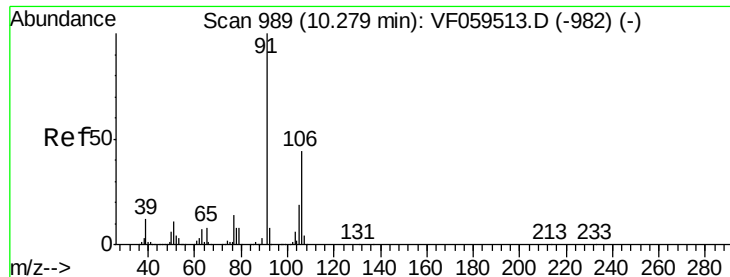
Tot Ion: 95 Resp: 110398
Ion Ratio Lower Upper
95 100
174 87.8 0.0 174.4
176 86.4 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF059596.D
Acq: 20 Jul 2018 22:22

Tgt Ion: 117 Resp: 274041
Ion Ratio Lower Upper
117 100
82 62.5 46.1 69.1
119 33.3 27.2 40.8

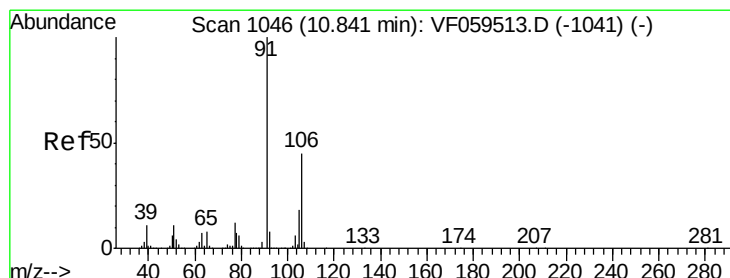
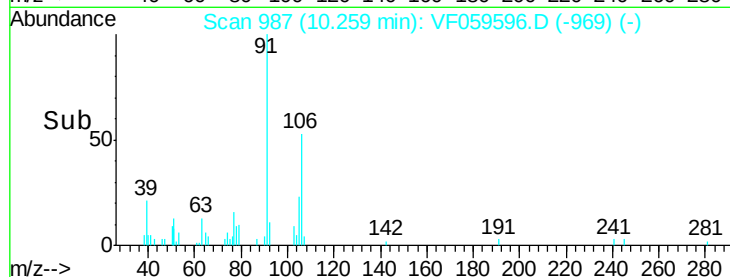
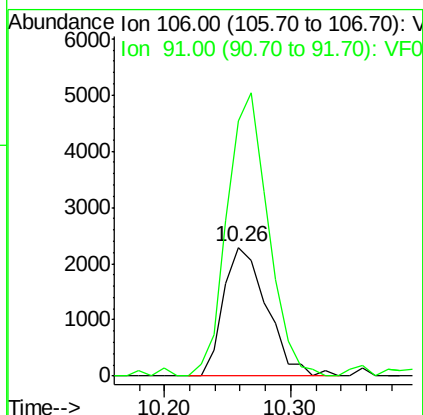
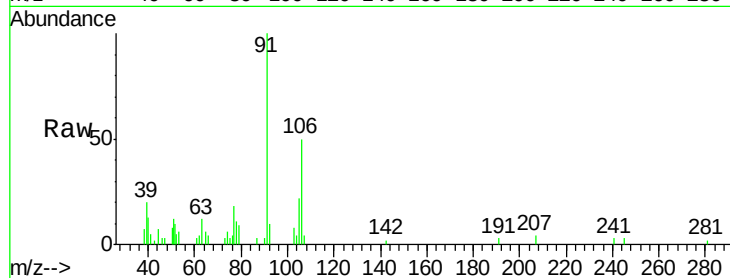




#68
m/p-Xylenes
Concen: 1.69 ug/l
RT: 10.26 min Scan# 987
Delta R.T. -0.02 min
Lab File: VF059596.D
Acq: 20 Jul 2018 22:22

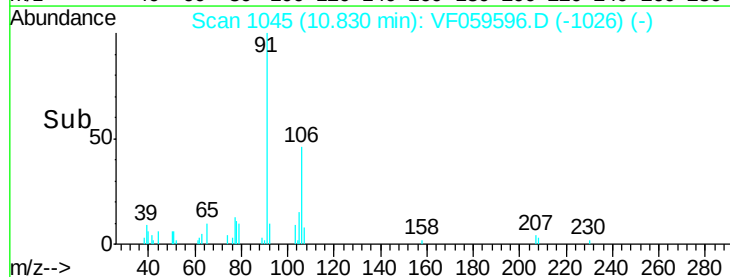
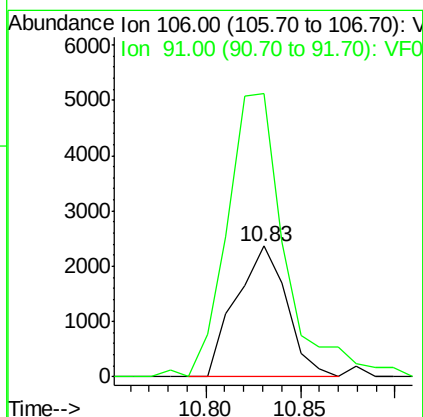
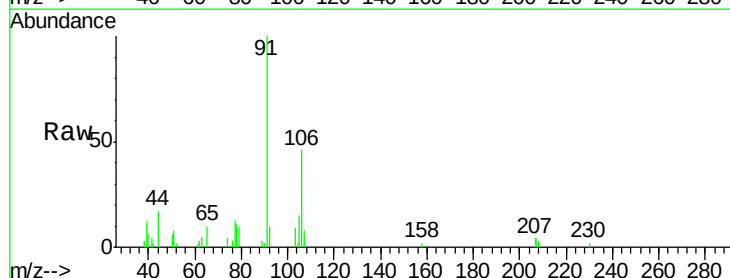
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ClientSampleId :
EO-02-071818-A

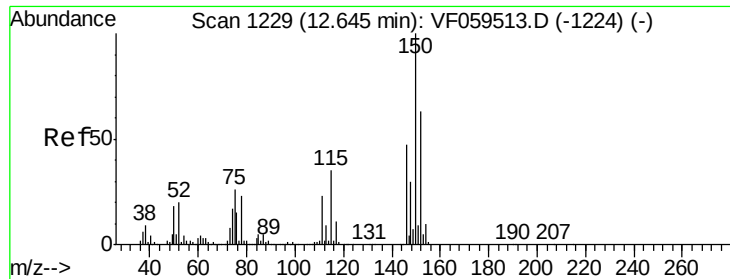
Tot Ion:106 Resp: 5472
Ion Ratio Lower Upper
106 100
91 198.6 181.0 271.4



#69
o-Xylene
Concen: 1.27 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VF059596.D
Acq: 20 Jul 2018 22:22

Tgt Ion:106 Resp: 4377
Ion Ratio Lower Upper
106 100
91 216.6 112.3 336.9

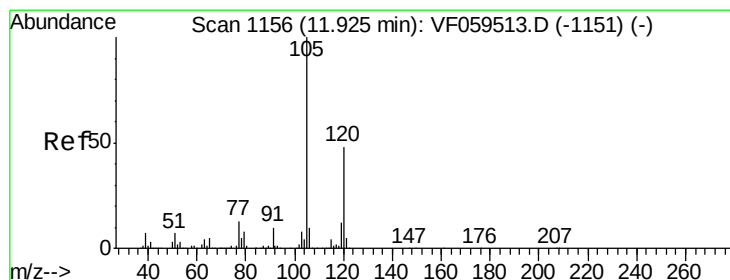
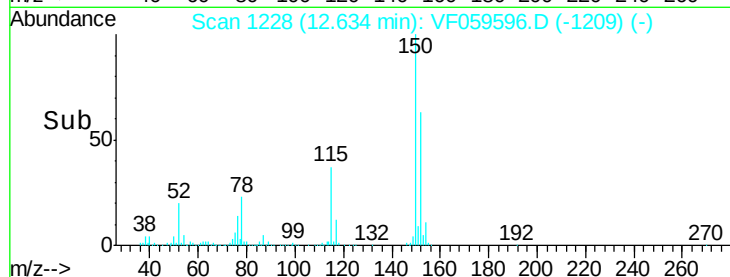
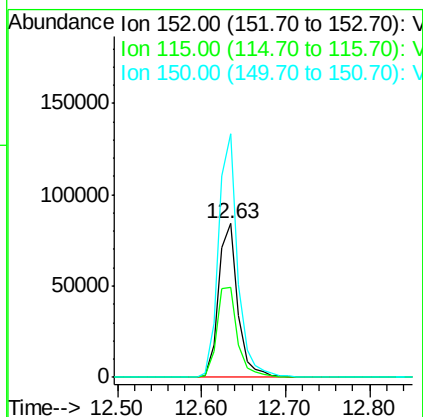
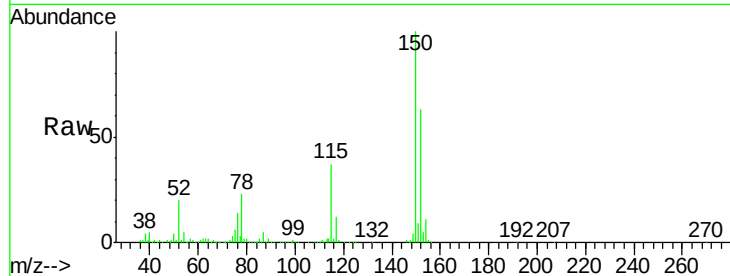




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.63 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VF059596.D
 Acq: 20 Jul 2018 22:22

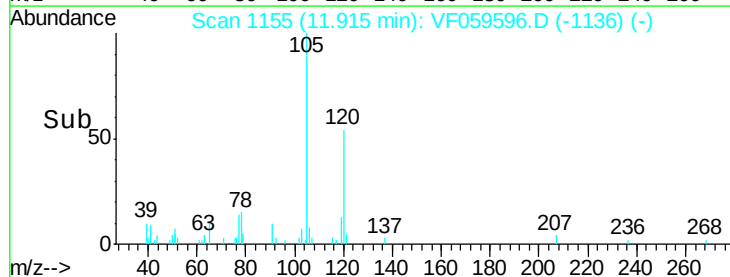
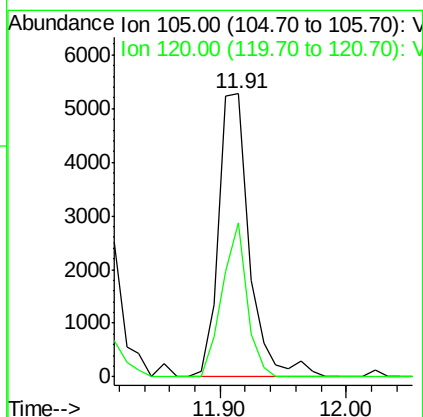
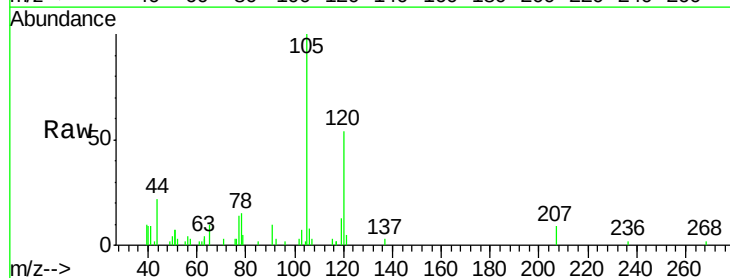
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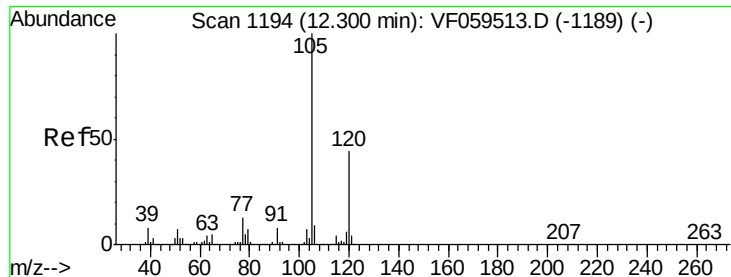
Tot Ion:152 Resp: 134810
 Ion Ratio Lower Upper
 152 100
 115 58.4 27.8 83.3
 150 158.1 0.0 318.4



#80
 1,3,5-Trimethylbenzene
 Concen: 1.26 ug/l
 RT: 11.91 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: VF059596.D
 Acq: 20 Jul 2018 22:22

Tgt Ion:105 Resp: 8985
 Ion Ratio Lower Upper
 105 100
 120 54.4 24.1 72.4





#84

1,2,4-Trimethylbenzene

Concen: 1.40 ug/l

RT: 12.29 min Scan# 1193

Delta R.T. -0.01 min

Lab File: VF059596.D

Acq: 20 Jul 2018 22:22

Instrument :

MSVOA_F

ClientSampleId :

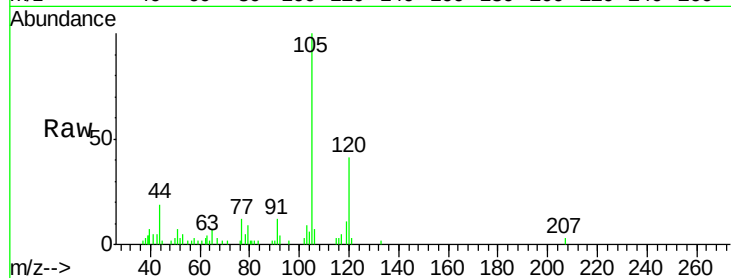
EO-02-071818-A

Tot Ion:105 Resp: 10252

Ion Ratio Lower Upper

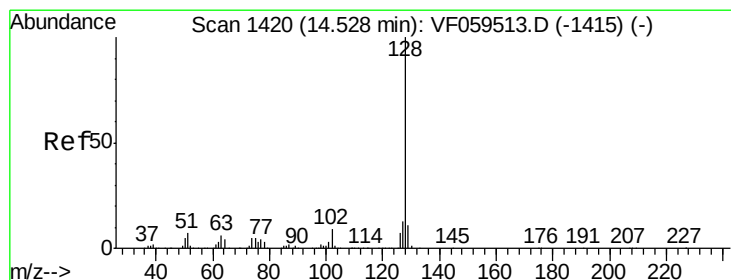
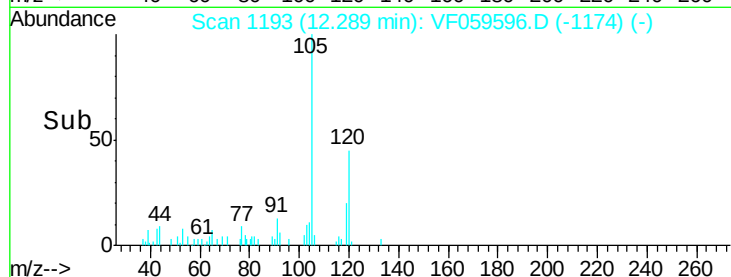
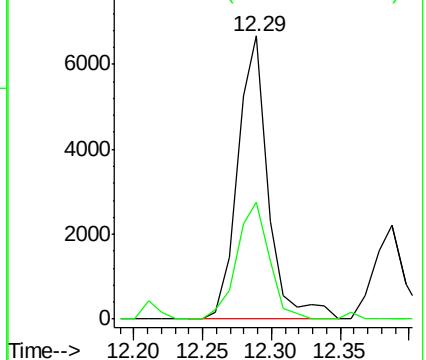
105 100

120 41.3 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: 2.59 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VF059596.D

Acq: 20 Jul 2018 22:22

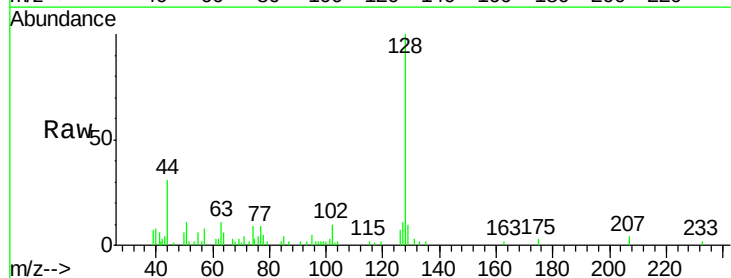
Tgt Ion:128 Resp: 12768

Ion Ratio Lower Upper

128 100

127 11.1 10.2 15.2

129 9.8 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

