

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006651.D
 Acq On : 19 Dec 2018 21:38
 Operator : JC/MD
 Sample : J6196-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-121818-B

Quant Time: Dec 20 04:46:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

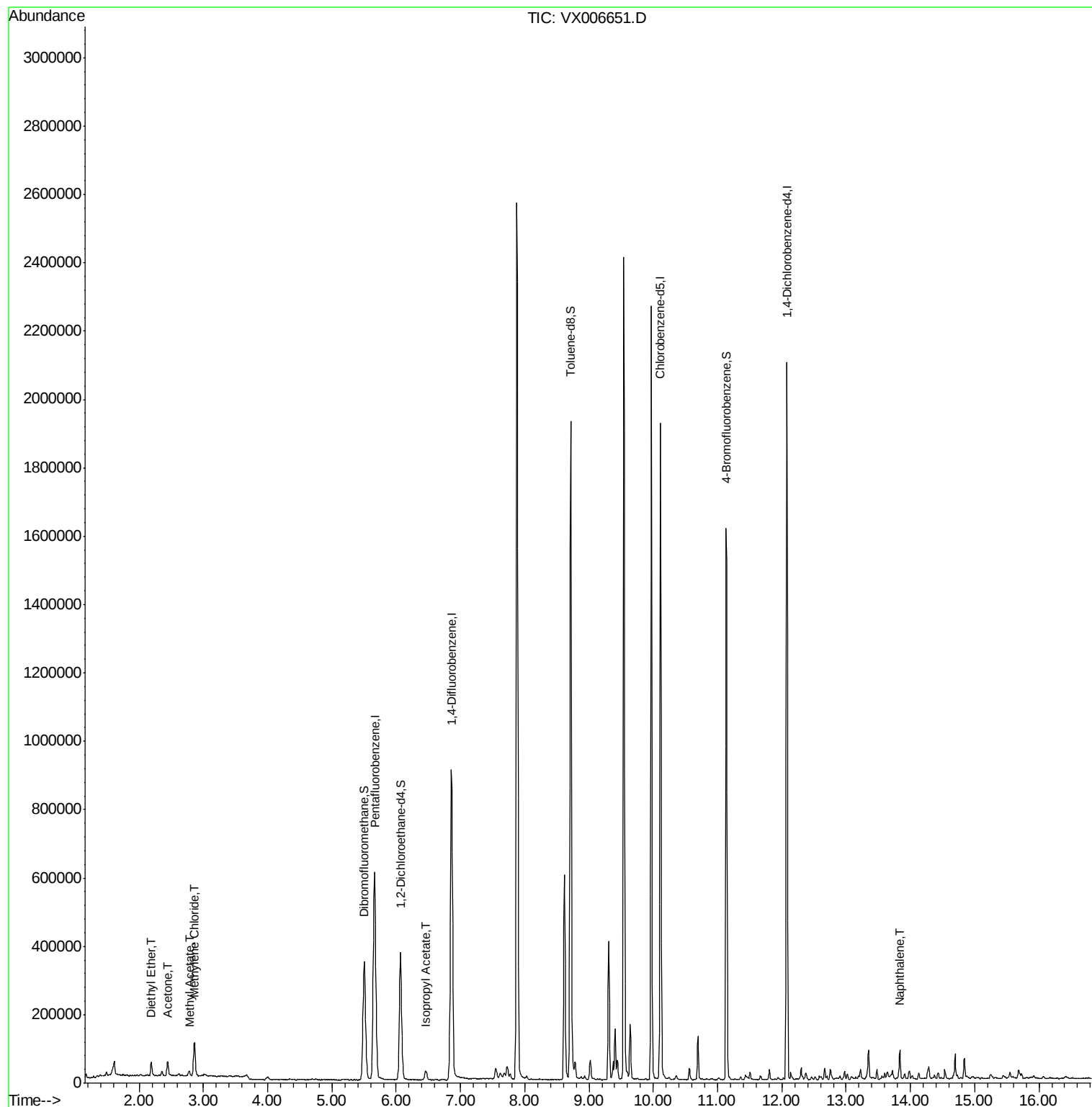
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	616638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	980805	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	937283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	446132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	341598	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	5.50	113	294996	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	8.71	98	1203650	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.13	95	439135	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
Target Compounds						
8) Diethyl Ether	2.19	74	14530	3.697	ug/l	98
16) Acetone	2.45	43	46340	15.177	ug/l	99
18) Methyl Acetate	2.78	43	19518	2.174	ug/l	97
20) Methylene Chloride	2.86	84	49244	7.800	ug/l	98
43) Isopropyl Acetate	6.46	43	35160	2.733	ug/l	99
95) Naphthalene	13.83	128	52037	1.589	ug/l	96

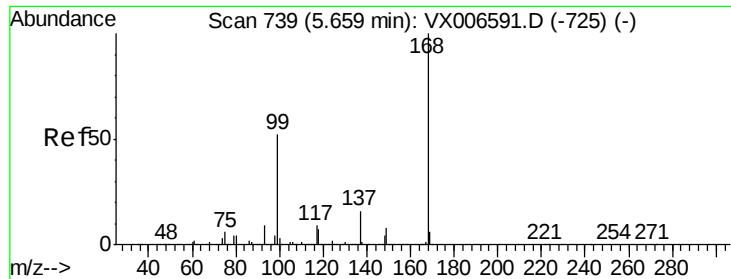
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 04:46:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006651.D

Acq: 19 Dec 2018 21:38

Instrument :

MSVOA_X

ClientSampleId :

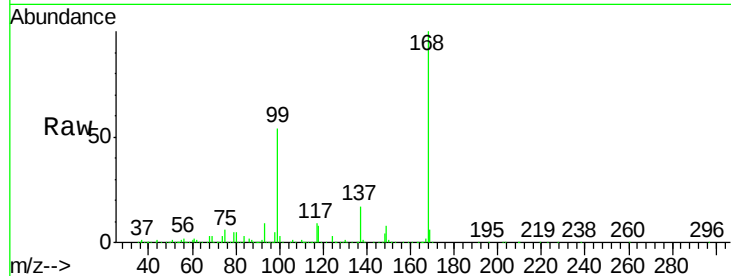
EO-01-121818-B

Tot Ion:168 Resp: 616638

Ion Ratio Lower Upper

168 100

99 53.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

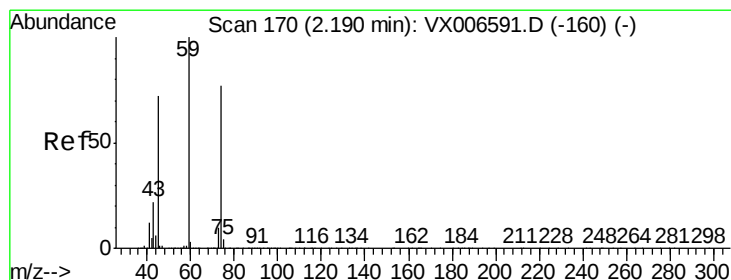
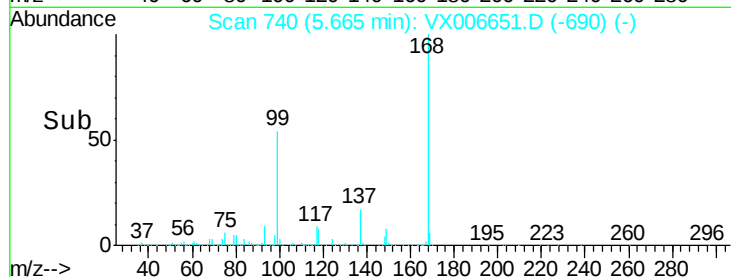
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 3.697 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006651.D

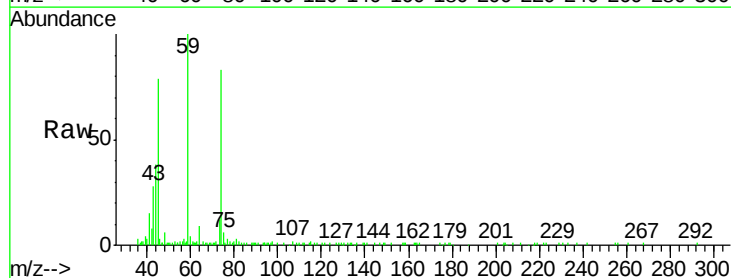
Acq: 19 Dec 2018 21:38

Tgt Ion: 74 Resp: 14530

Ion Ratio Lower Upper

74 100

45 91.1 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

10000

8000

6000

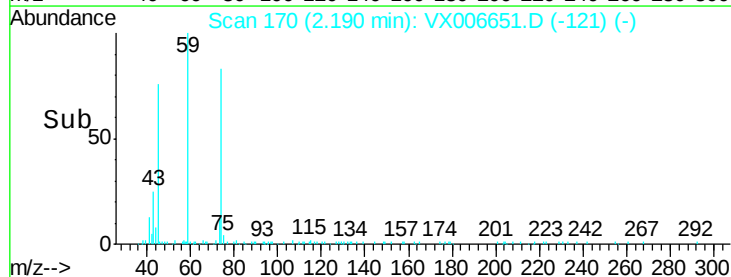
4000

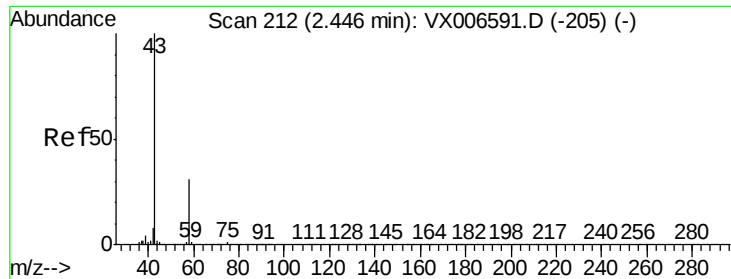
2000

0

Time-->

2.15 2.20 2.25





#16

Acetone

Concen: 15.177 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006651.D

Acq: 19 Dec 2018 21:38

Instrument :

MSVOA_X

ClientSampleId :

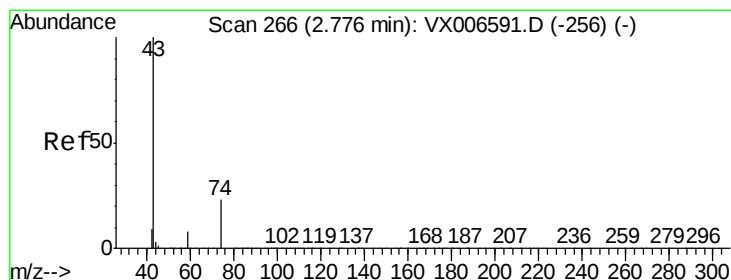
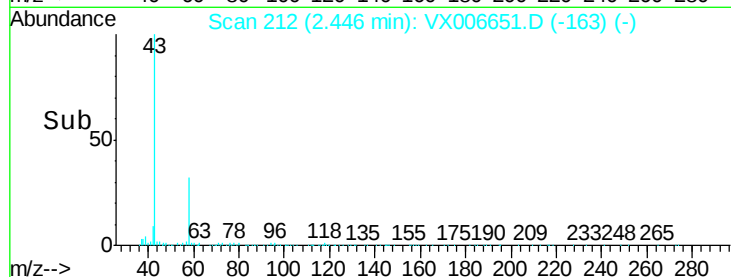
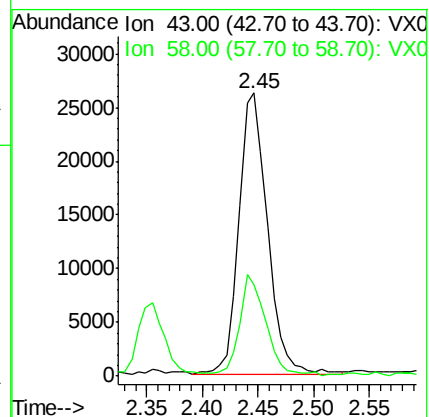
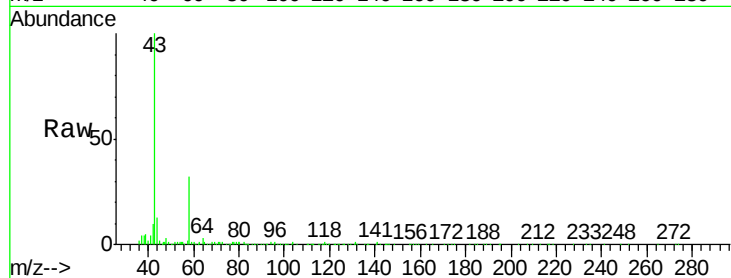
EO-01-121818-B

Tot Ion: 43 Resp: 46340

Ion Ratio Lower Upper

43 100

58 32.1 25.0 37.6



#18

Methyl Acetate

Concen: 2.174 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006651.D

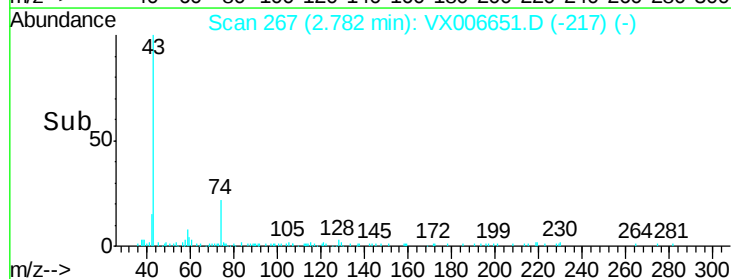
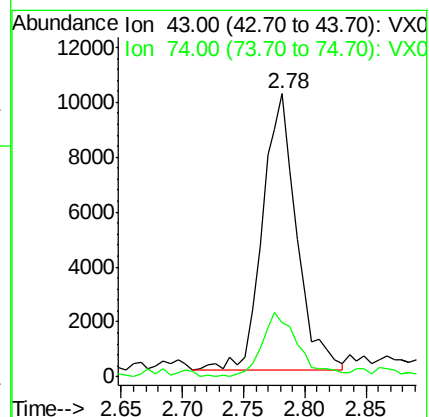
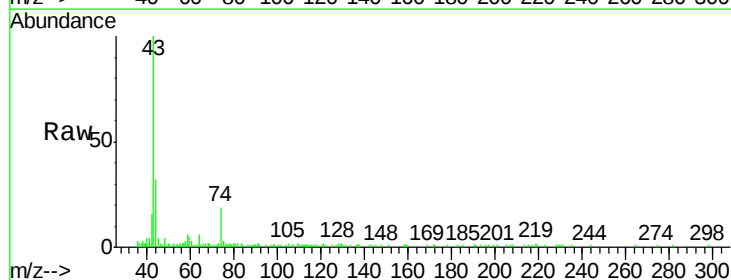
Acq: 19 Dec 2018 21:38

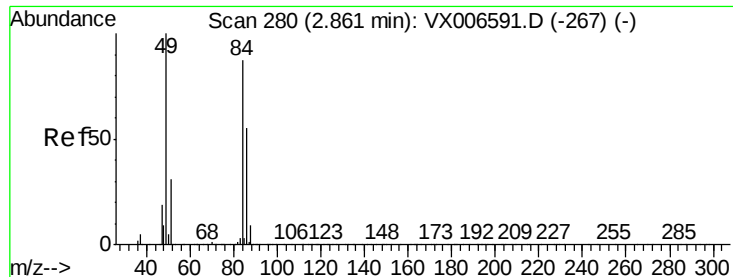
Tgt Ion: 43 Resp: 19518

Ion Ratio Lower Upper

43 100

74 25.0 18.6 28.0

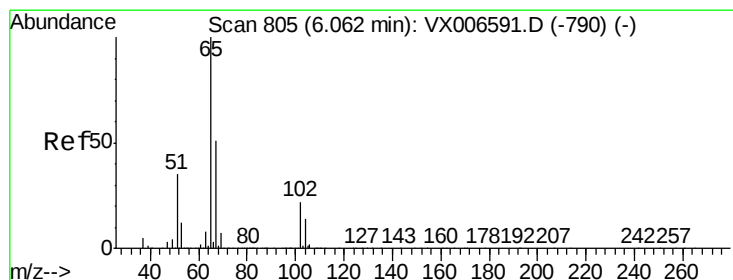
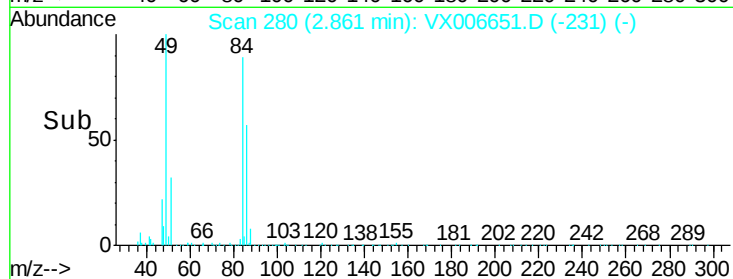
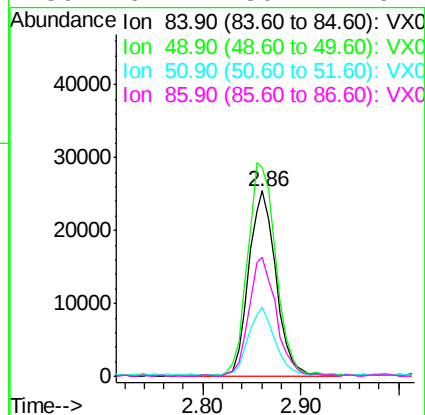
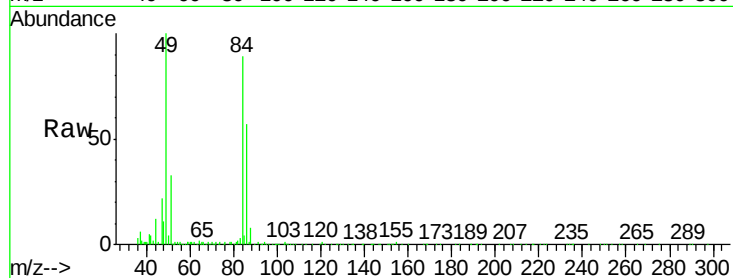




#20
Methvlene Chloride
Concen: 7.800 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006651.D
Acq: 19 Dec 2018 21:38

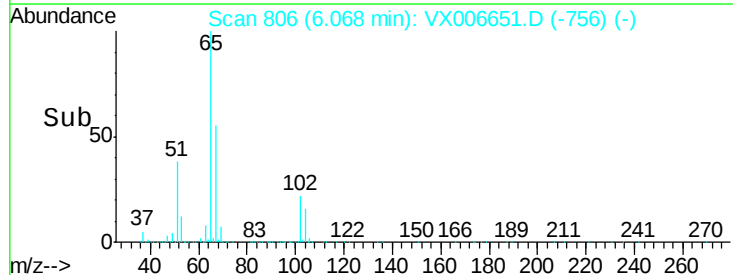
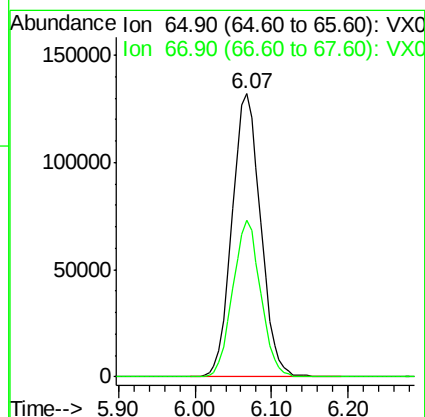
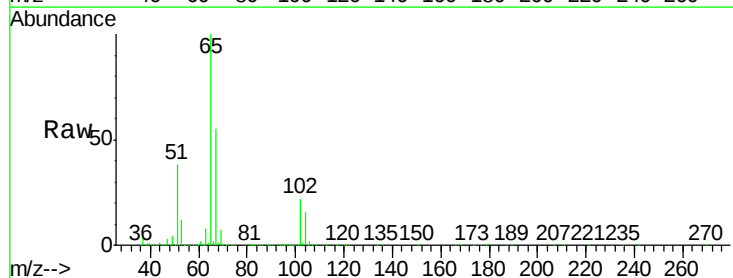
Instrument :
MSVOA_X
ClientSampleId :
EO-01-121818-B

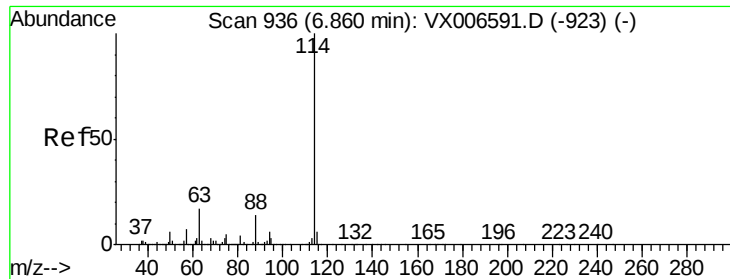
Tot Ion: 84 Resp: 49244
Ion Ratio Lower Upper
84 100
49 112.0 91.8 137.6
51 36.7 28.5 42.7
86 64.1 50.2 75.2



#33
1,2-Dichloroethane-d4
Concen: 51.400 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006651.D
Acq: 19 Dec 2018 21:38

Tgt Ion: 65 Resp: 341598
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006651.D

Acq: 19 Dec 2018 21:38

Instrument :

MSVOA_X

ClientSampleId :

EO-01-121818-B

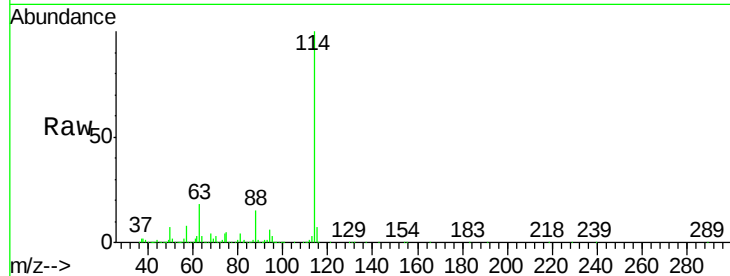
Tot Ion:114 Resp: 980805

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

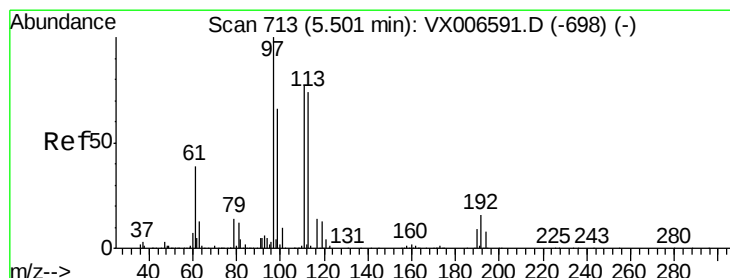
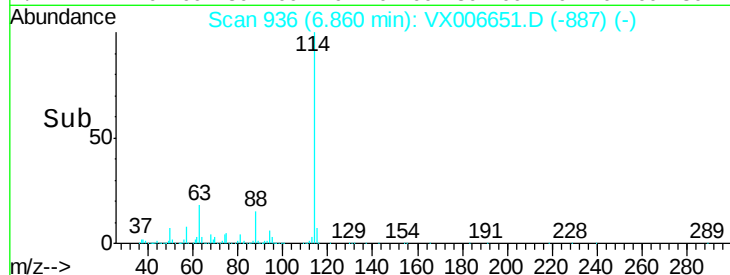
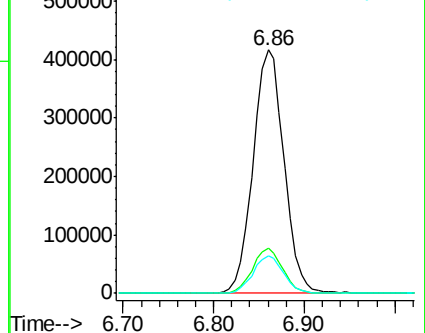
88 15.3 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.561 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006651.D

Acq: 19 Dec 2018 21:38

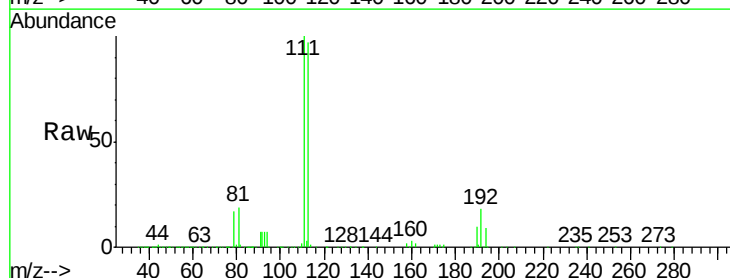
Tgt Ion:113 Resp: 294996

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

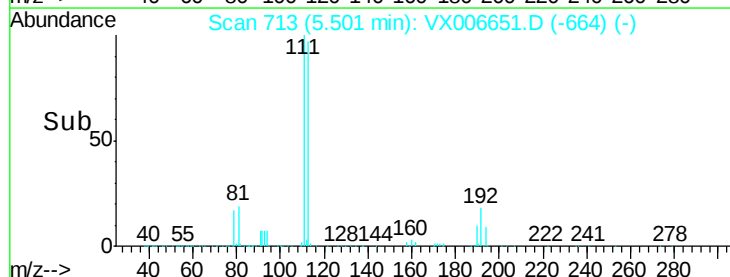
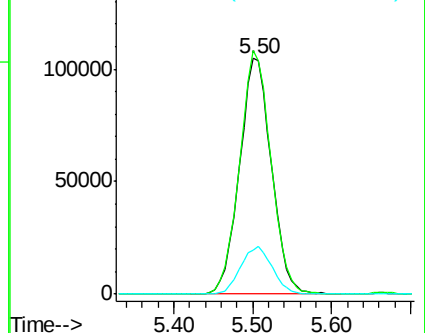
192 20.2 16.7 25.1

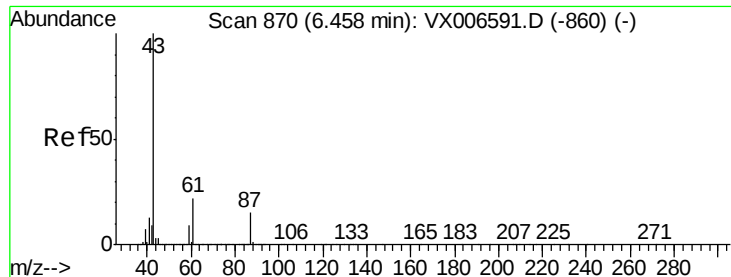


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.733 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006651.D

Acq: 19 Dec 2018 21:38

Instrument :

MSVOA_X

ClientSampleId :

EO-01-121818-B

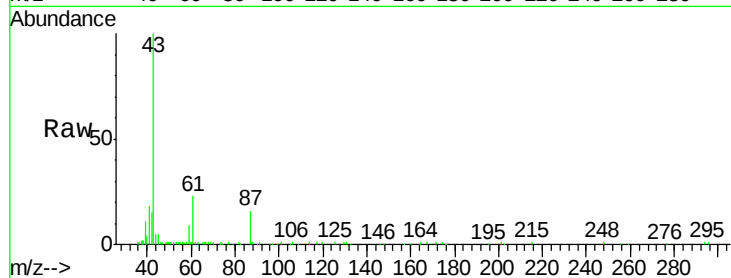
Tot Ion: 43 Resp: 35160

Ion Ratio Lower Upper

43 100

61 21.1 16.8 25.2

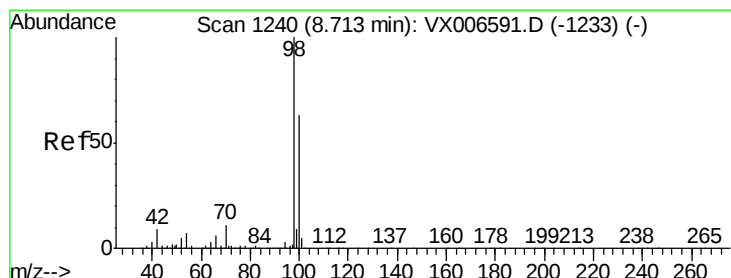
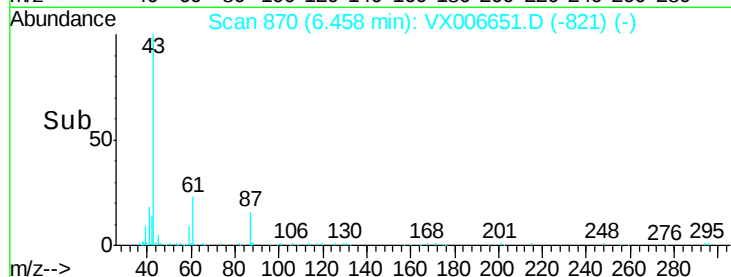
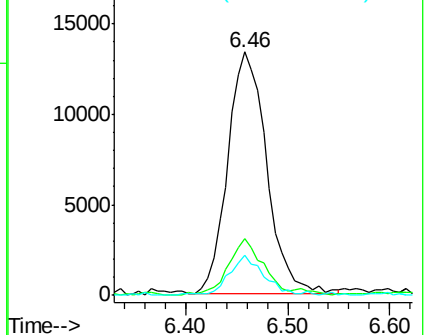
87 14.9 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.475 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006651.D

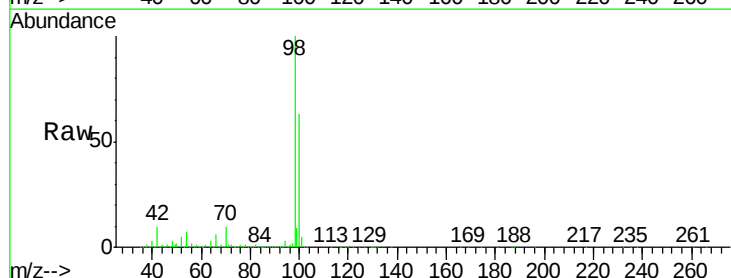
Acq: 19 Dec 2018 21:38

Tgt Ion: 98 Resp: 1203650

Ion Ratio Lower Upper

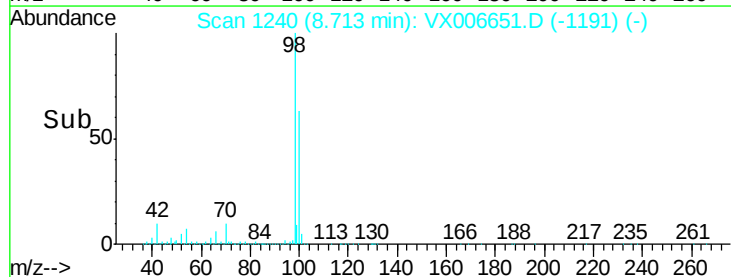
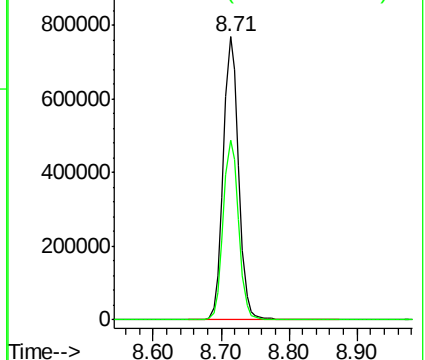
98 100

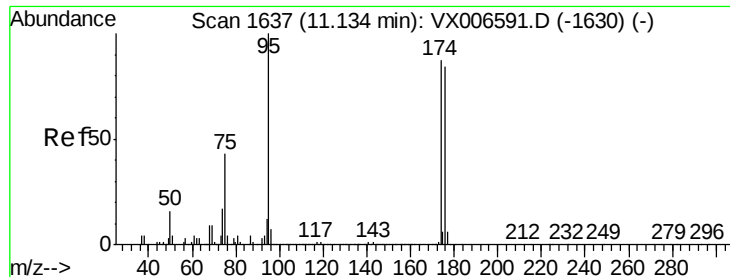
100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

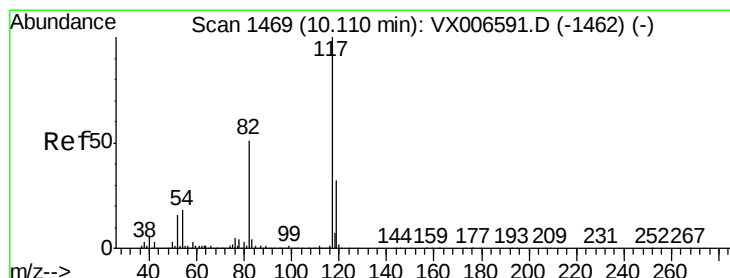
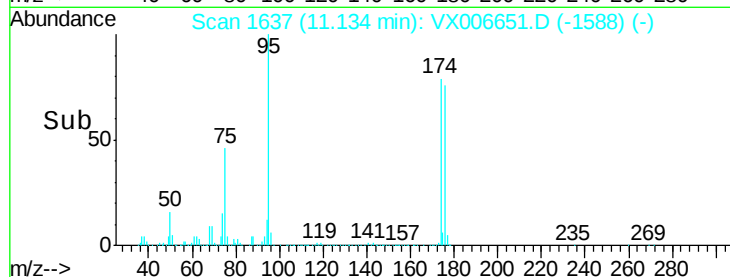
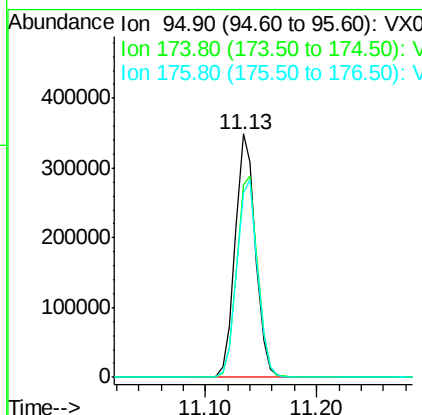
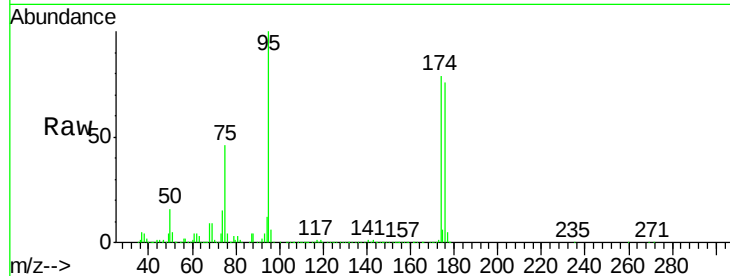




#62
4-Bromofluorobenzene
Concen: 51.277 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006651.D
Acq: 19 Dec 2018 21:38

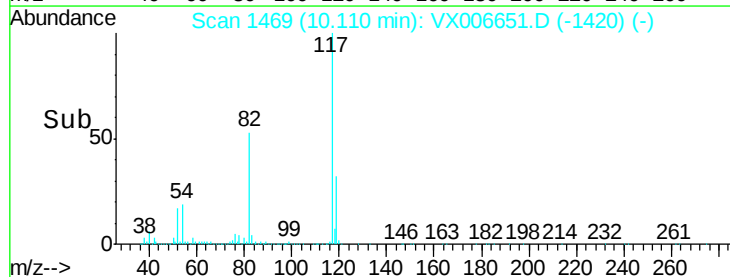
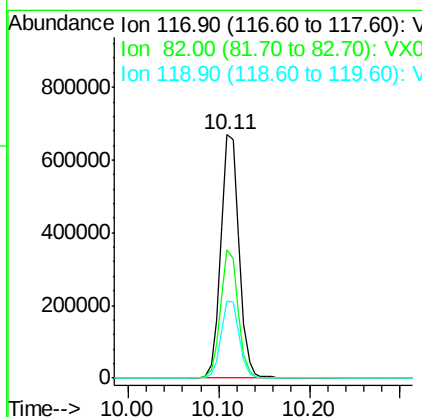
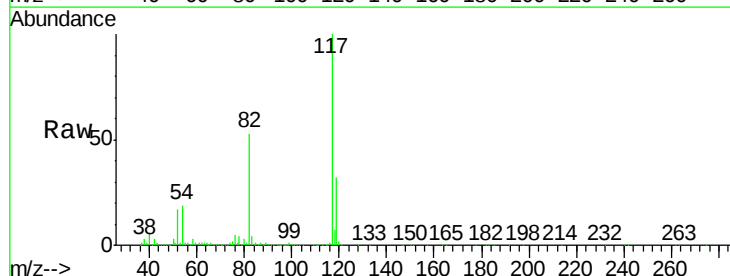
Instrument :
MSVOA_X
ClientSampleId :
EO-01-121818-B

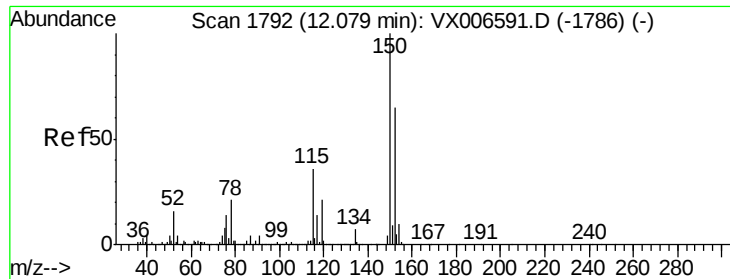
Tot Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	182.2
176	83.3	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006651.D
Acq: 19 Dec 2018 21:38

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.0	61.6
119	31.8	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006651.D

Acq: 19 Dec 2018 21:38

Instrument :

MSVOA_X

ClientSampleId :

EO-01-121818-B

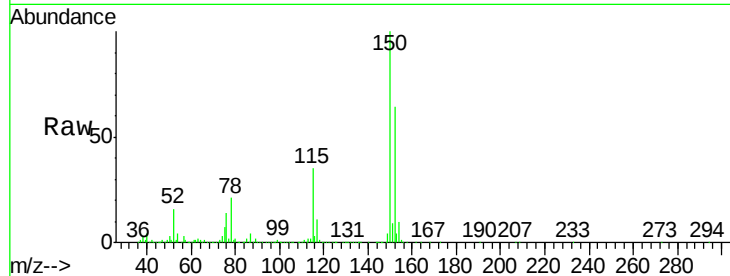
Tot Ion:152 Resp: 446132

Ion Ratio Lower Upper

152 100

115 56.7 39.1 117.2

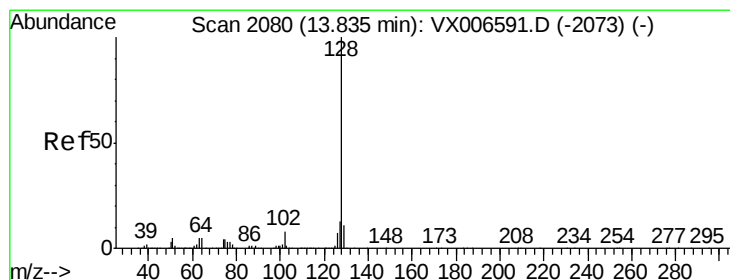
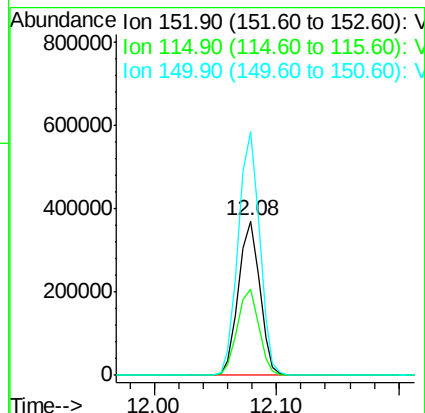
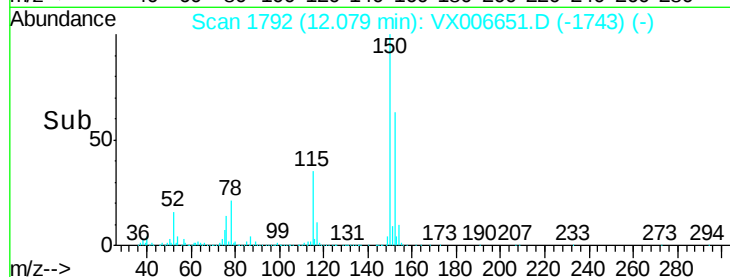
150 157.9 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 1.589 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006651.D

Acq: 19 Dec 2018 21:38

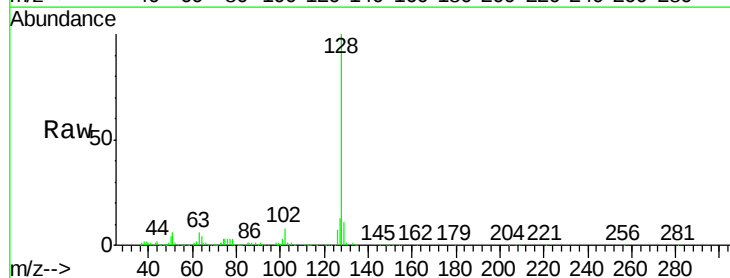
Tgt Ion:128 Resp: 52037

Ion Ratio Lower Upper

128 100

127 14.2 10.1 15.1

129 12.6 8.6 13.0



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

