

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
 Data File : VX004206.D
 Acq On : 22 Aug 2018 18:37
 Operator : JC/MD
 Sample : J4278-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-082118-C

Quant Time: Aug 23 09:33:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	457287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237065	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	202497	54.54	ug/l	0.00
Spiked Amount			Recovery	=	109.08%	
35) Dibromofluoromethane	5.50	113	174708	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
50) Toluene-d8	8.71	98	659160	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.14	95	228279	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	

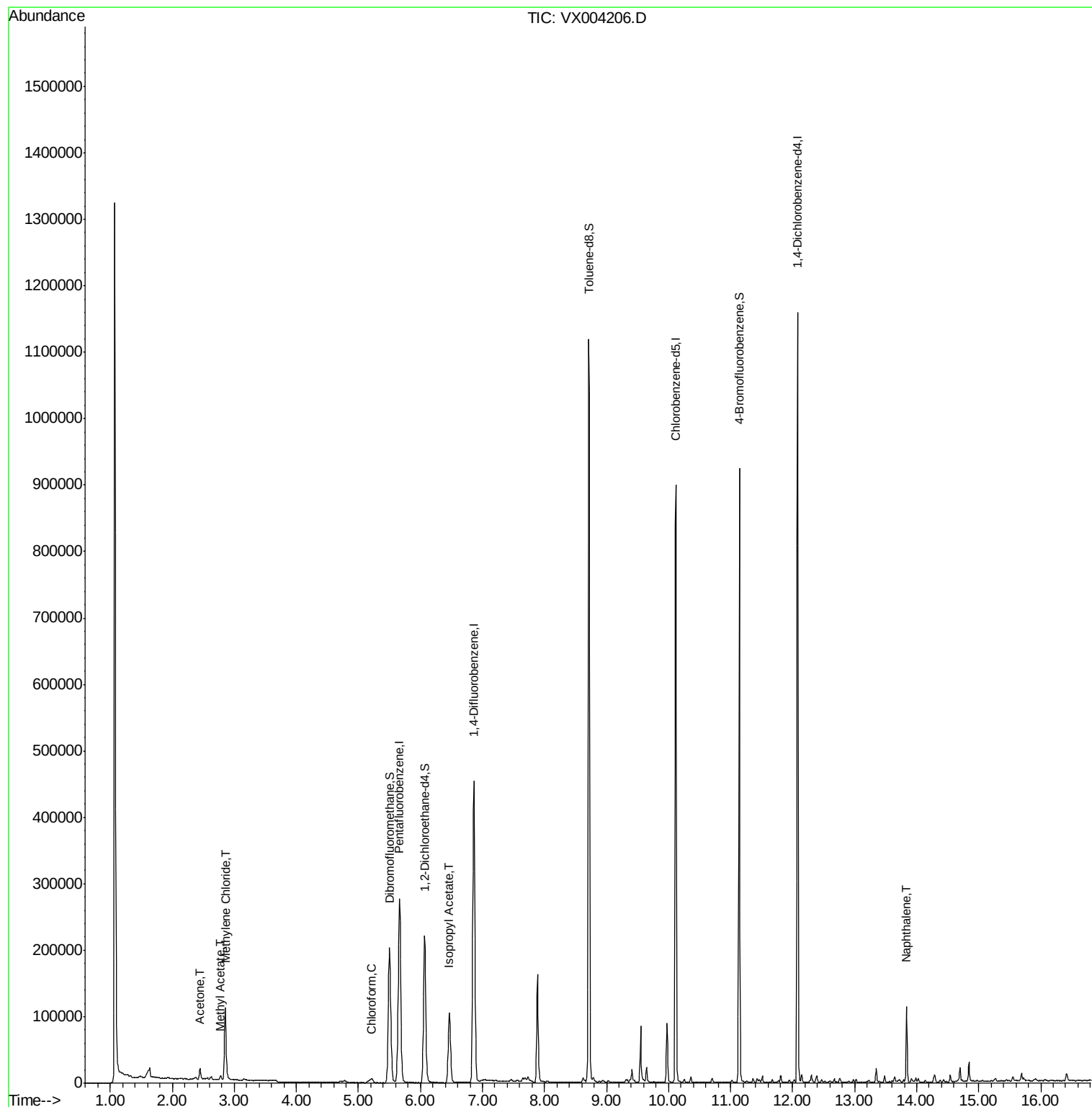
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	16408	2.84	ug/l	93
18) Methyl Acetate	2.78	43	6072	1.10	ug/l	99
20) Methylene Chloride	2.86	84	51728	14.47	ug/l	96
30) Chloroform	5.21	83	6746	1.12	ug/l	91
43) Isopropyl Acetate	6.47	43	138089	17.77	ug/l	100
95) Naphthalene	13.83	128	69908	4.52	ug/l	99

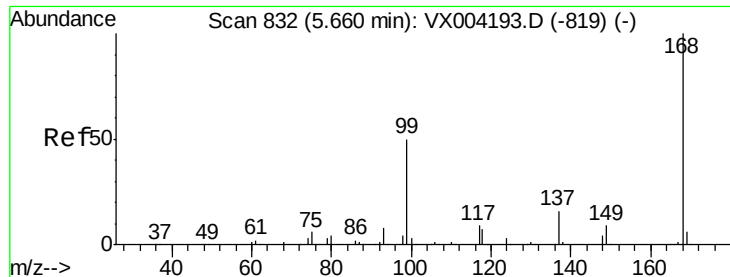
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004206.D

Acq: 22 Aug 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

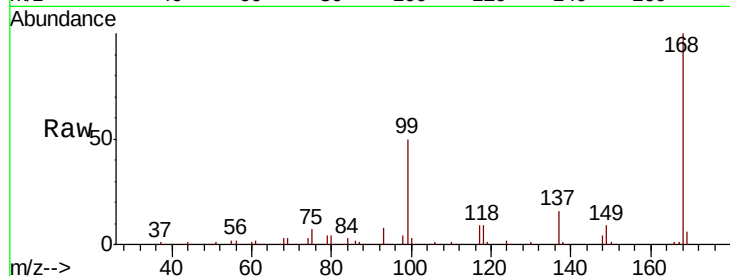
EO-01-082118-C

Tot Ion:168 Resp: 284846

Ion Ratio Lower Upper

168 100

99 49.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

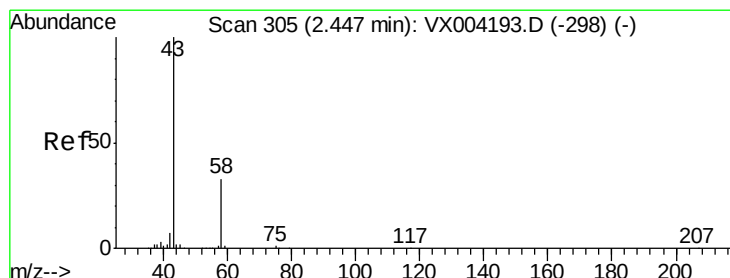
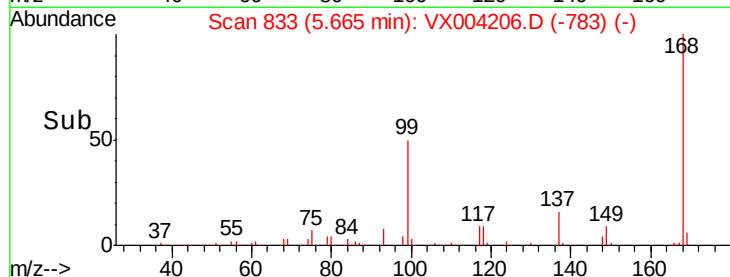
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.84 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004206.D

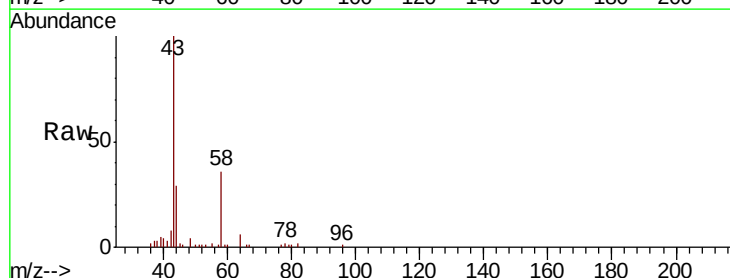
Acq: 22 Aug 2018 18:37

Tgt Ion: 43 Resp: 16408

Ion Ratio Lower Upper

43 100

58 36.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

6000

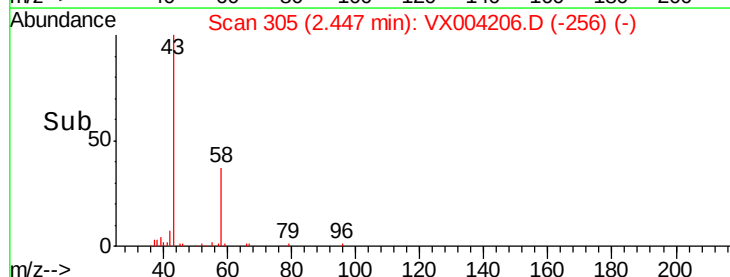
4000

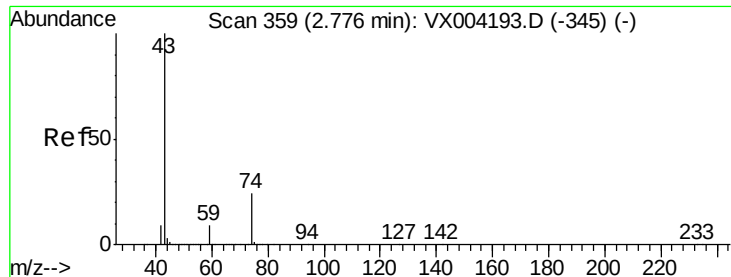
2000

0

Time-->

2.40 2.45 2.50

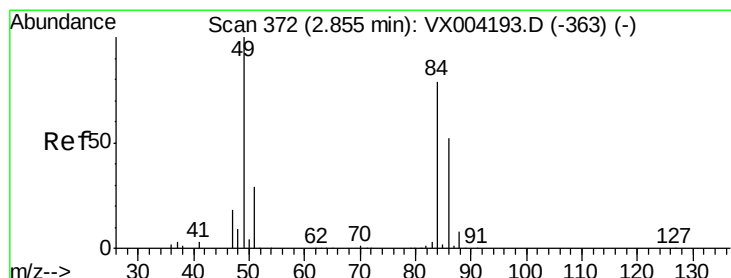
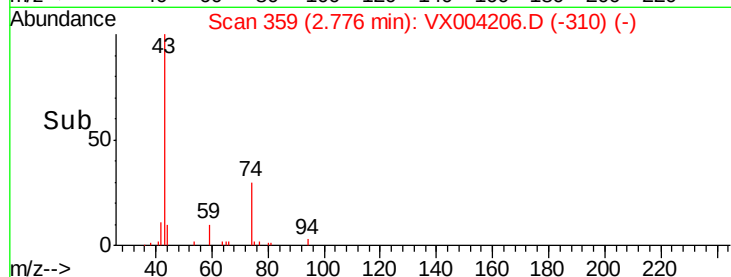
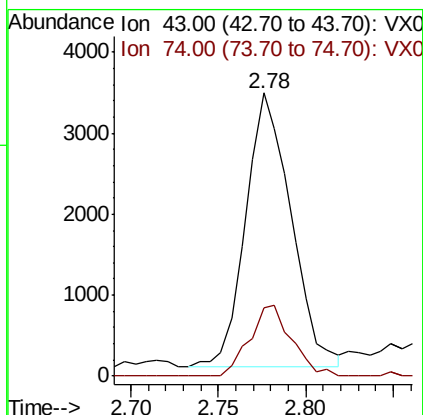
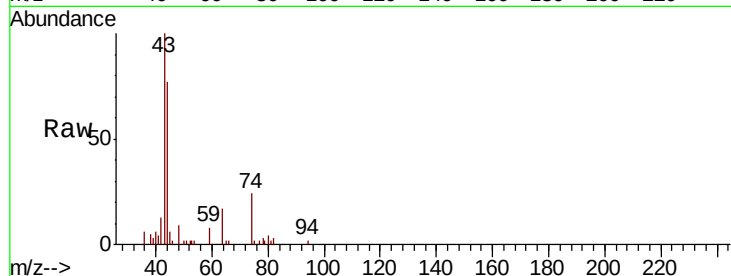




#18
Methvl Acetate
Concen: 1.10 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

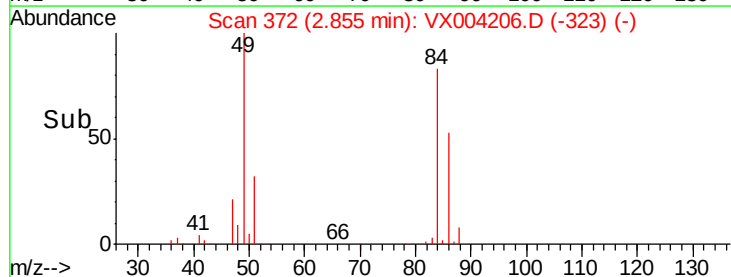
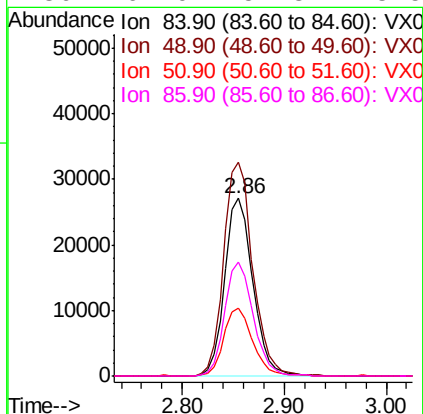
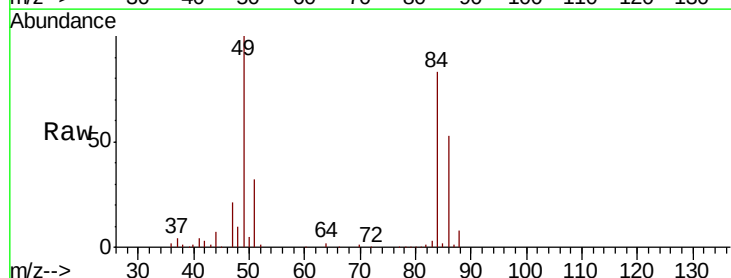
Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

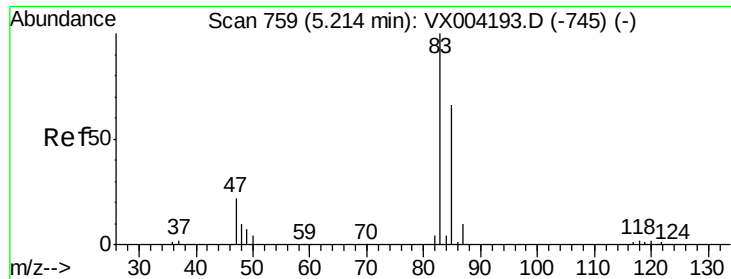
Tot Ion: 43 Resp: 6072
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2



#20
Methylene Chloride
Concen: 14.47 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 84 Resp: 51728
Ion Ratio Lower Upper
84 100
49 120.1 101.2 151.8
51 38.0 29.5 44.3
86 64.0 52.3 78.5

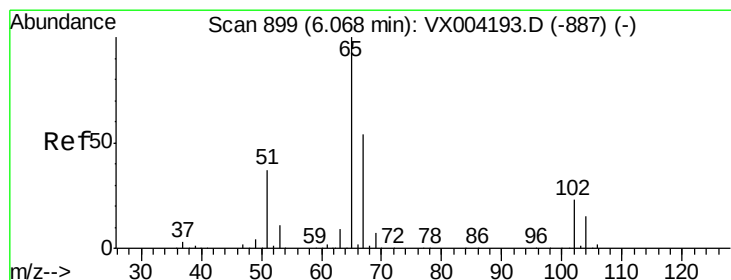
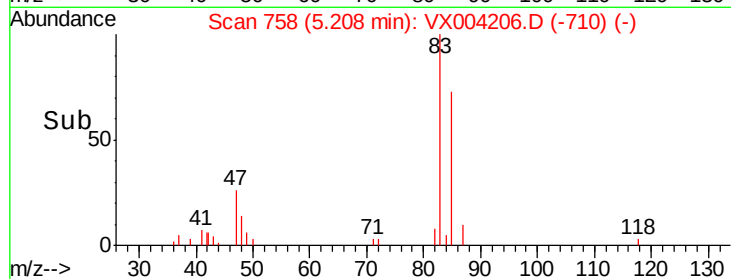
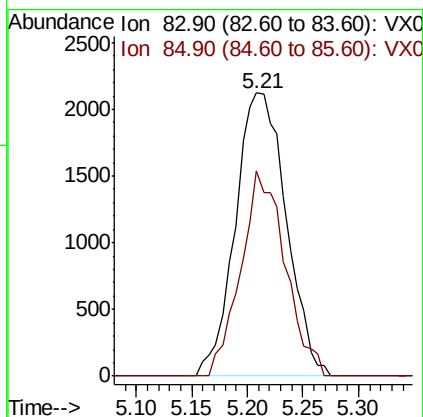
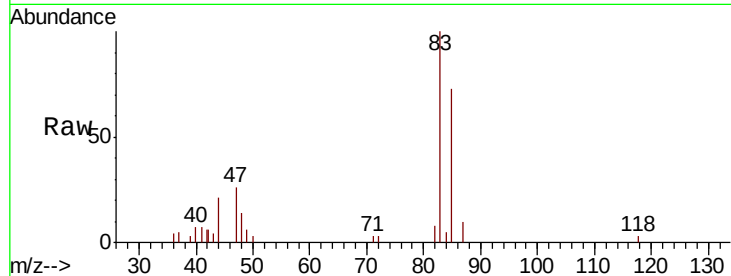




#30
Chloroform
Concen: 1.12 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

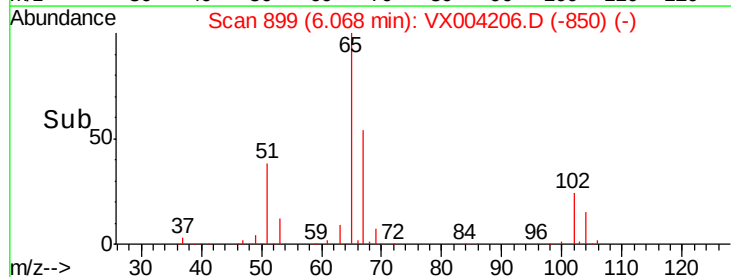
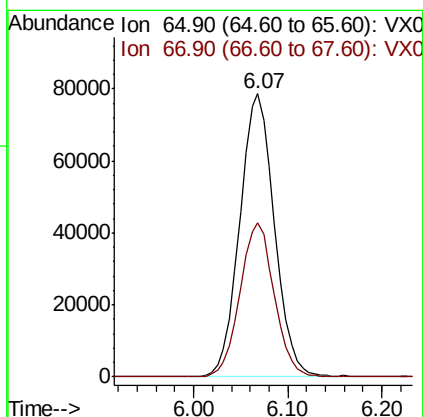
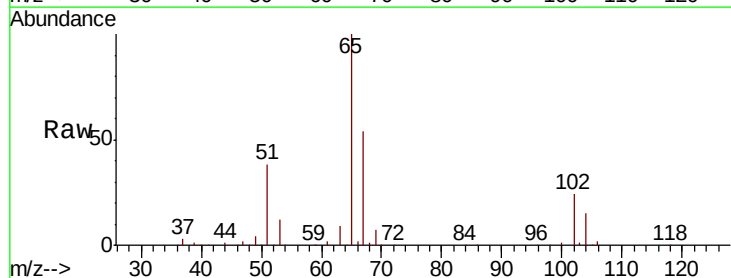
Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

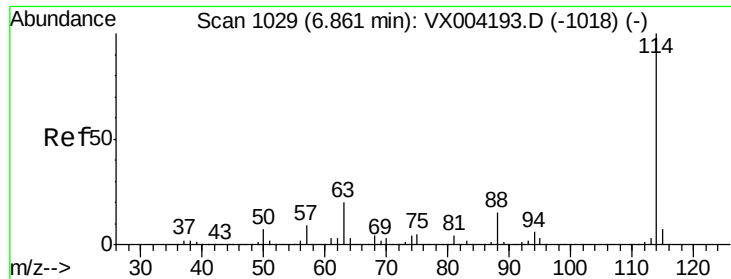
Tot Ion: 83 Resp: 6746
Ion Ratio Lower Upper
83 100
85 72.7 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 54.54 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 65 Resp: 202497
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.8

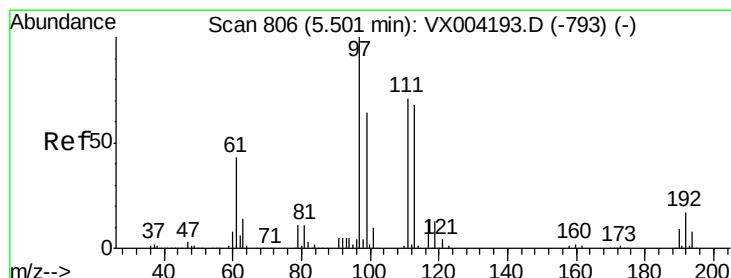
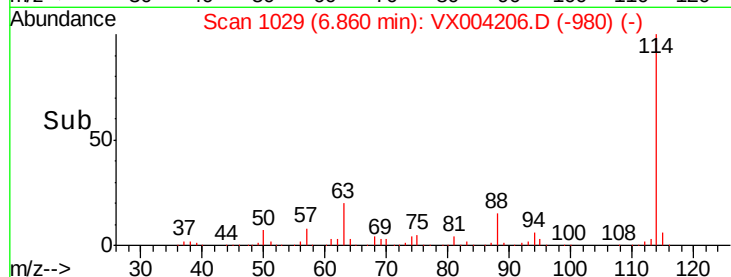
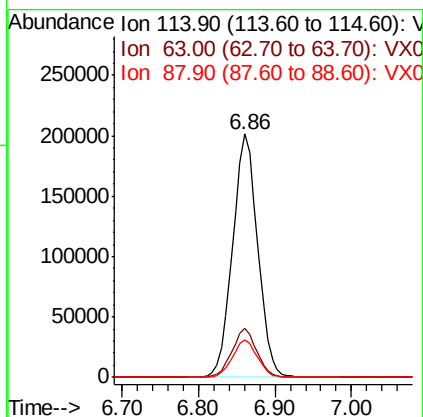
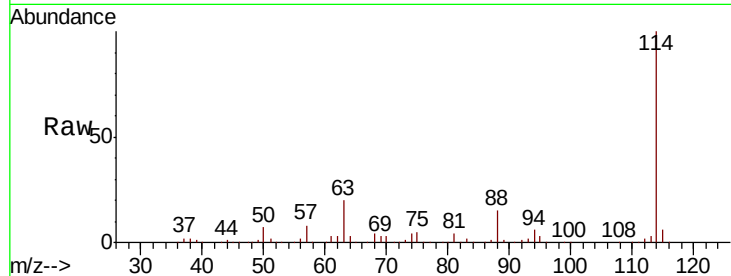




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004206.D
 Acq: 22 Aug 2018 18:37

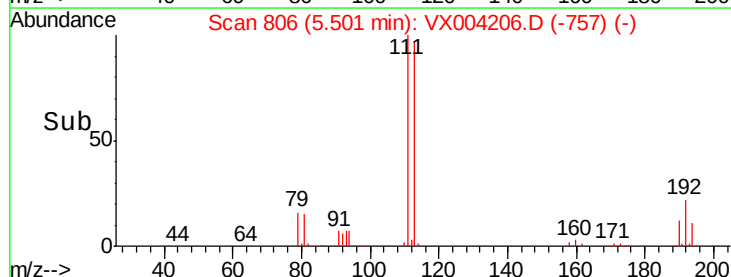
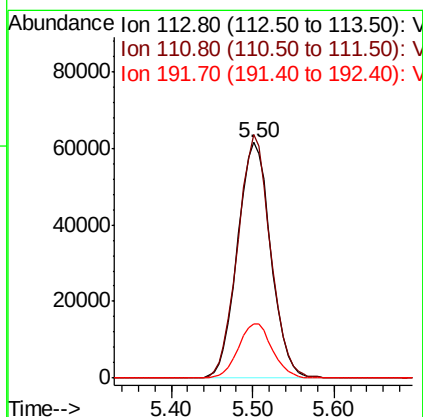
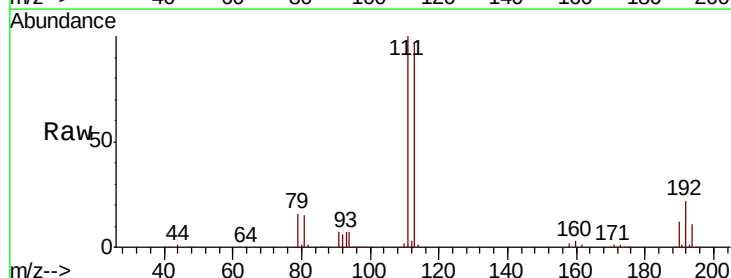
Instrument :
 MSVOA_X
 ClientSampled :
 EO-01-082118-C

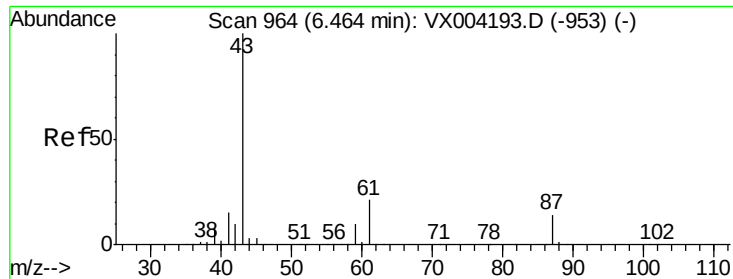
Tot Ion:114 Resp: 457287
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.3 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 51.36 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004206.D
 Acq: 22 Aug 2018 18:37

Tgt Ion:113 Resp: 174708
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.4 123.6
 192 23.4 19.4 29.2





#43

Isopropyl Acetate

Concen: 17.77 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004206.D

Acq: 22 Aug 2018 18:37

Instrument :

MSVOA_X

ClientSampled :

EO-01-082118-C

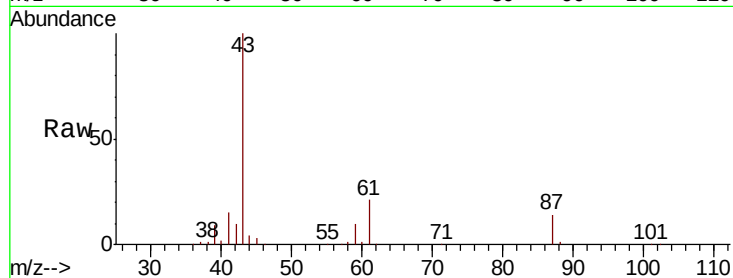
Tot Ion: 43 Resp: 138089

Ion Ratio Lower Upper

43 100

61 21.2 17.0 25.4

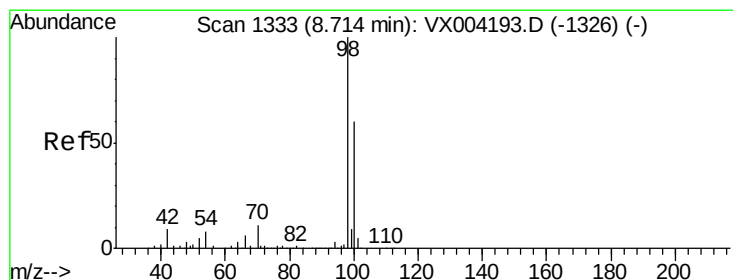
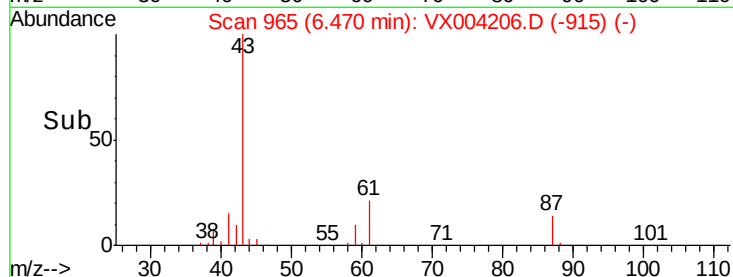
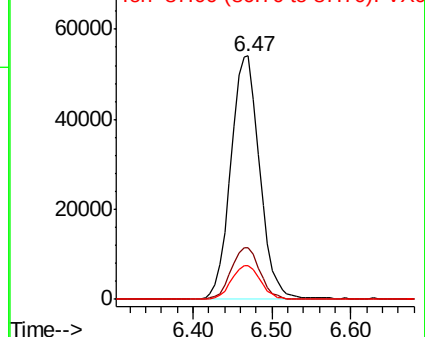
87 14.0 11.4 17.2



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: 51.33 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004206.D

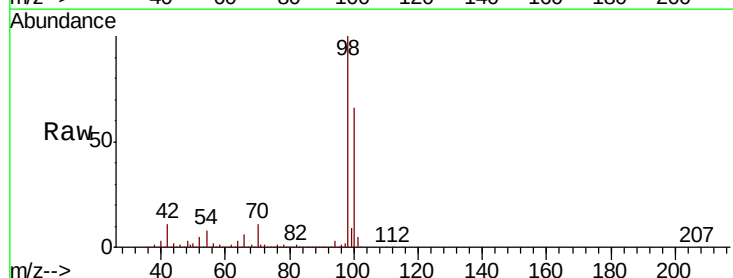
Acq: 22 Aug 2018 18:37

Tgt Ion: 98 Resp: 659160

Ion Ratio Lower Upper

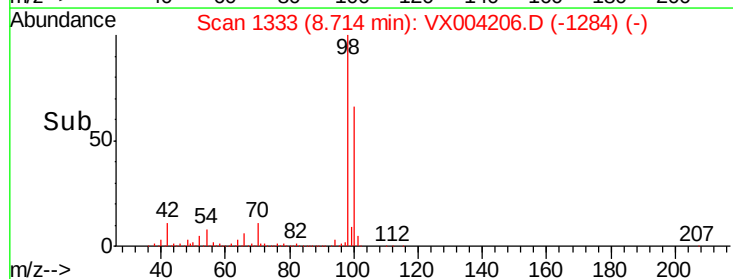
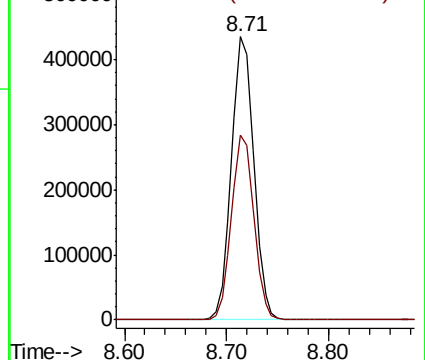
98 100

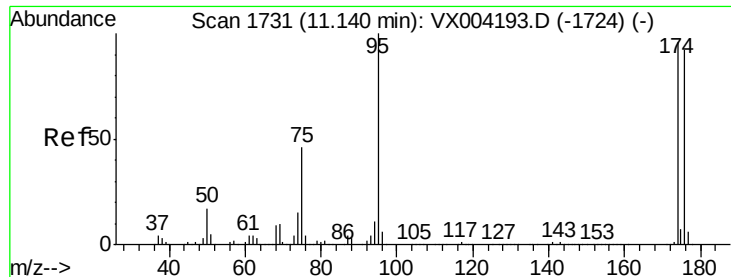
100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004206.D

Acq: 22 Aug 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

EO-01-082118-C

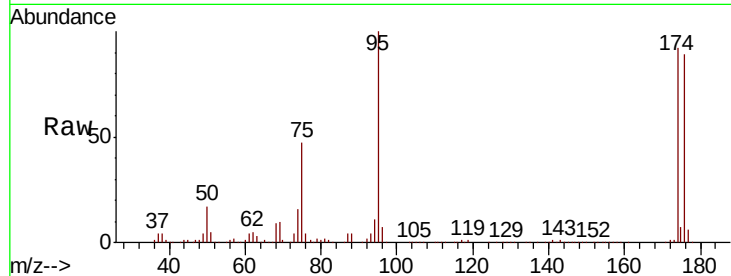
Tot Ion: 95 Resp: 228279

Ion Ratio Lower Upper

95 100

174 90.4 0.0 185.2

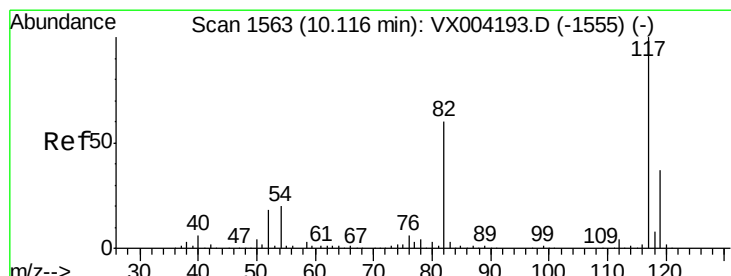
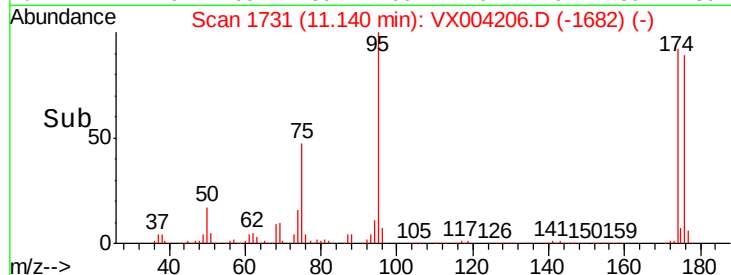
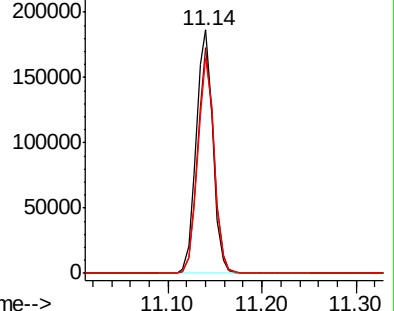
176 87.7 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004193.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX004193.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX004193.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004206.D

Acq: 22 Aug 2018 18:37

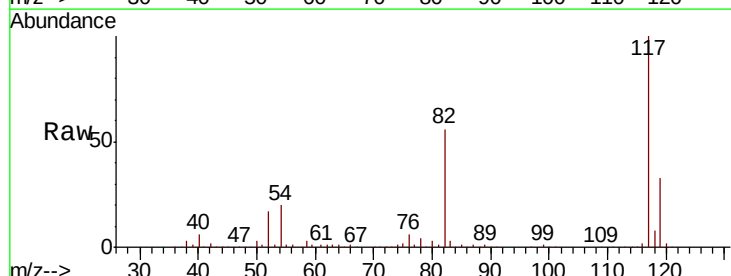
Tgt Ion: 117 Resp: 411204

Ion Ratio Lower Upper

117 100

82 55.6 47.8 71.6

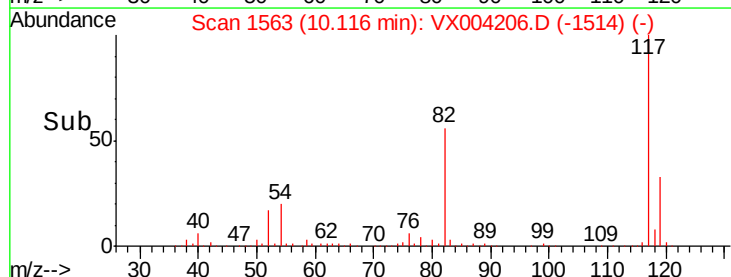
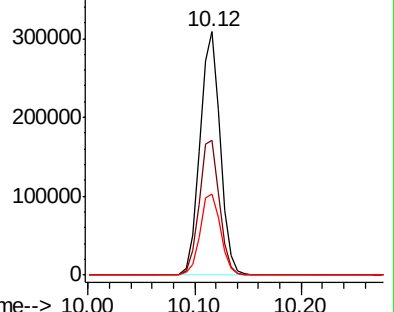
119 33.1 29.3 43.9

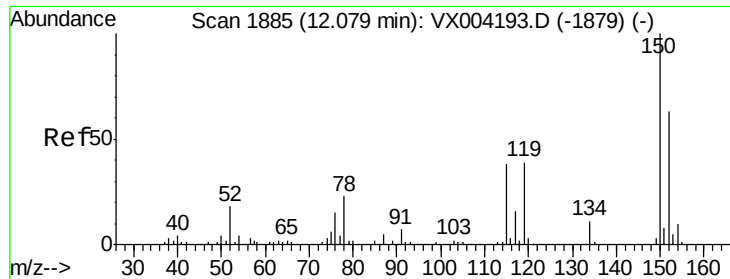


Abundance Ion 116.90 (116.60 to 117.60): VX004193.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX004193.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX004193.D (-1555) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004206.D

Acq: 22 Aug 2018 18:37

Instrument :

MSVOA_X

ClientSampleId :

EO-01-082118-C

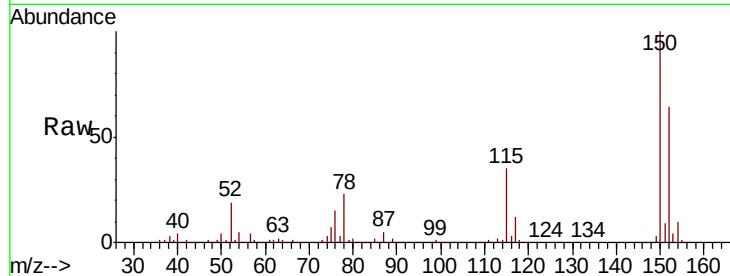
Tot Ion:152 Resp: 237065

Ion Ratio Lower Upper

152 100

115 56.2 39.0 117.0

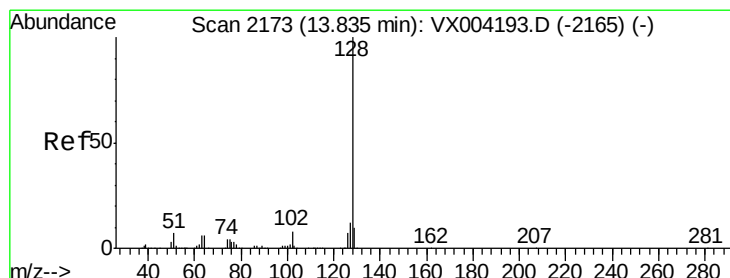
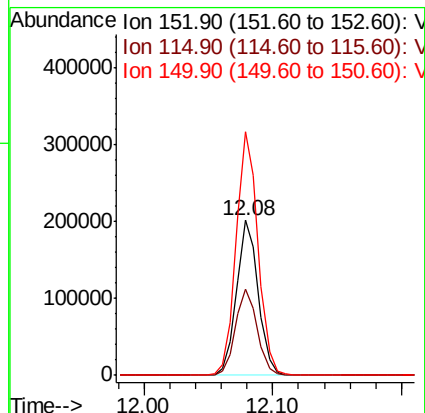
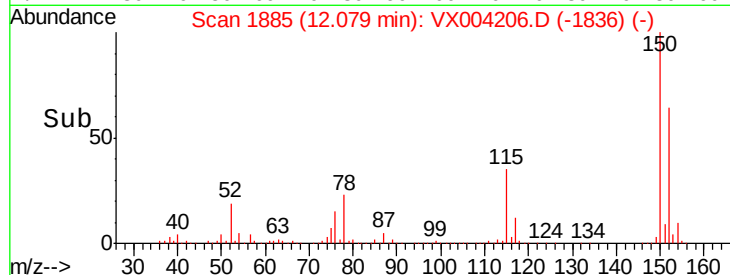
150 158.9 0.0 351.0



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: 4.52 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004206.D

Acq: 22 Aug 2018 18:37

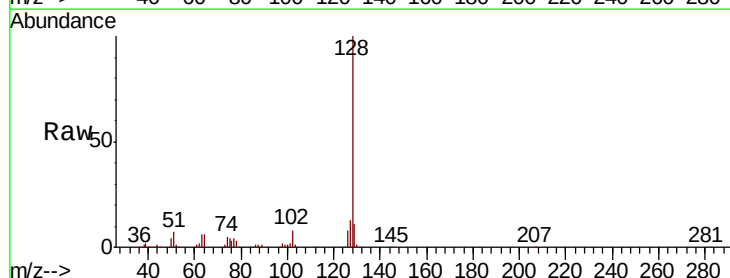
Tgt Ion:128 Resp: 69908

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 11.2 8.6 12.8



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

