

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
 Data File : VX004205.D
 Acq On : 22 Aug 2018 18:10
 Operator : JC/MD
 Sample : J4276-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-082118

Quant Time: Aug 23 09:27:55 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

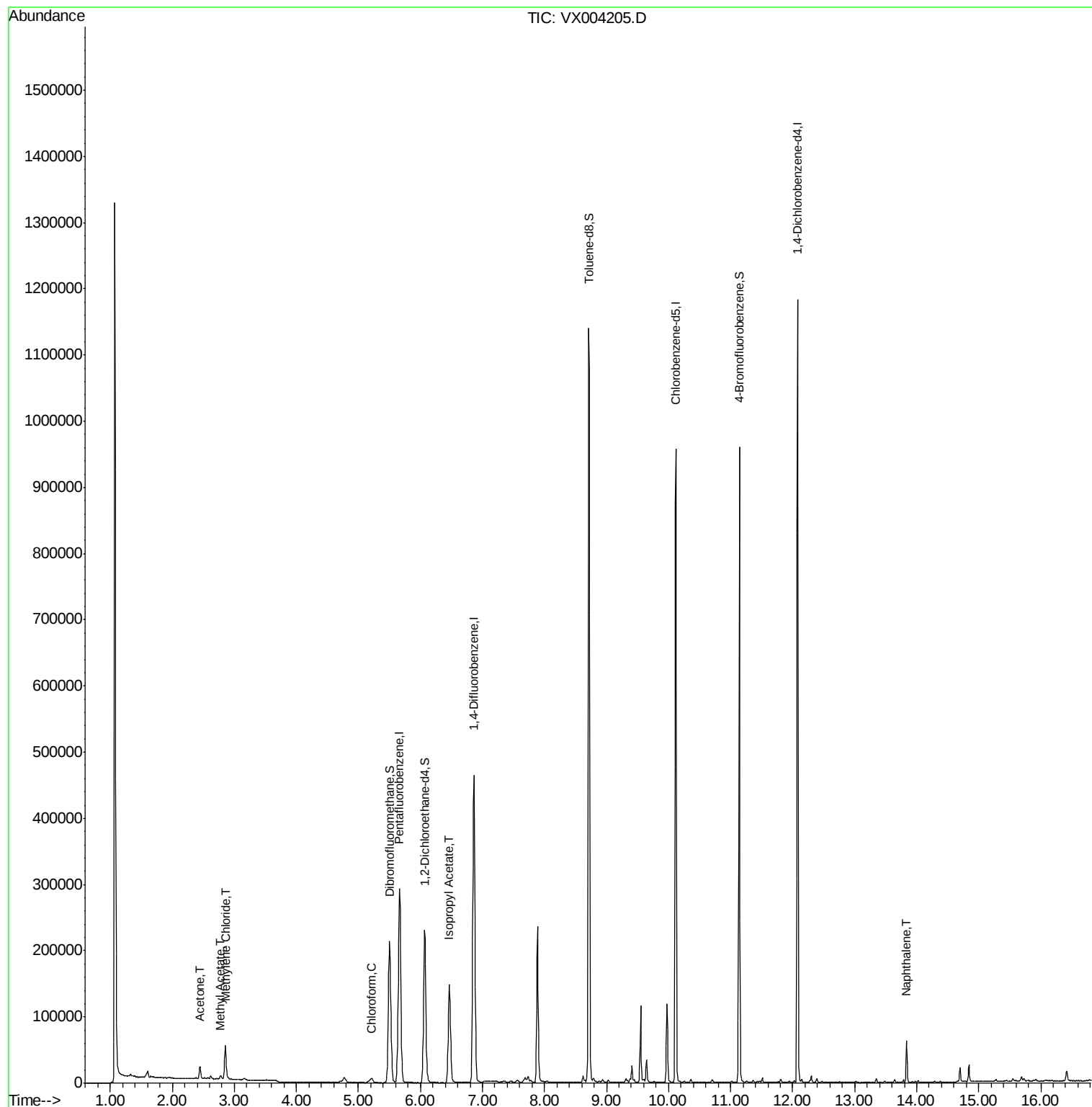
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479167	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	441876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210427	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
35) Dibromofluoromethane	5.50	113	181349	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	8.71	98	681892	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.14	95	236068	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
Target Compounds						
16) Acetone	2.45	43	20210	4.79	ug/l	97
18) Methyl Acetate	2.78	43	6521	1.13	ug/l	93
20) Methylene Chloride	2.85	84	23788	6.34	ug/l	96
30) Chloroform	5.21	83	6936	1.09	ug/l	98
43) Isopropyl Acetate	6.46	43	190889	23.45	ug/l	99
95) Naphthalene	13.83	128	40304	2.57	ug/l	98

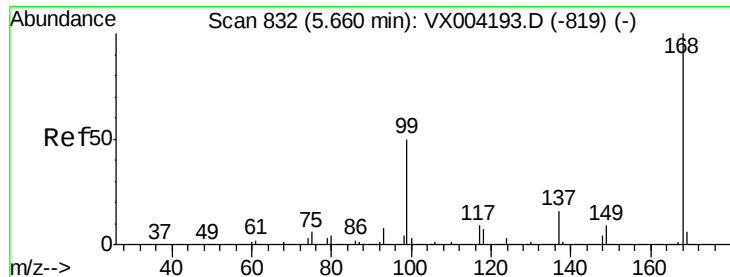
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004205.D

Acq: 22 Aug 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

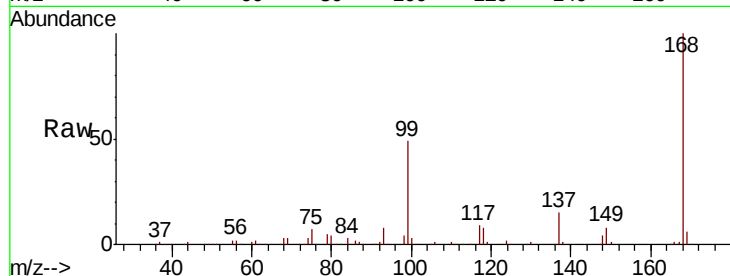
OK-01-082118

Tot Ion:168 Resp: 298905

Ion Ratio Lower Upper

168 100

99 49.3 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

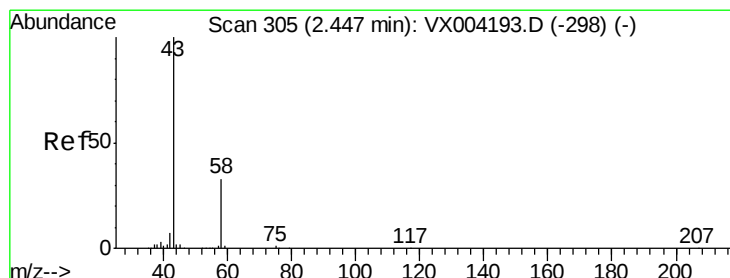
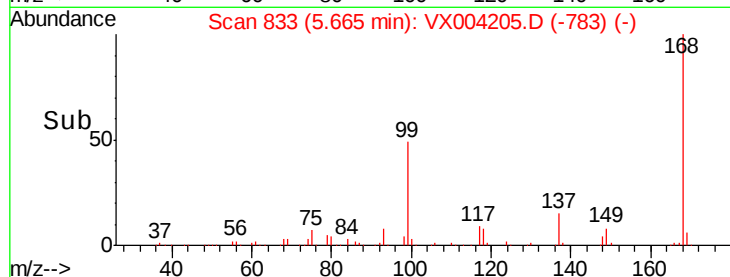
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.79 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004205.D

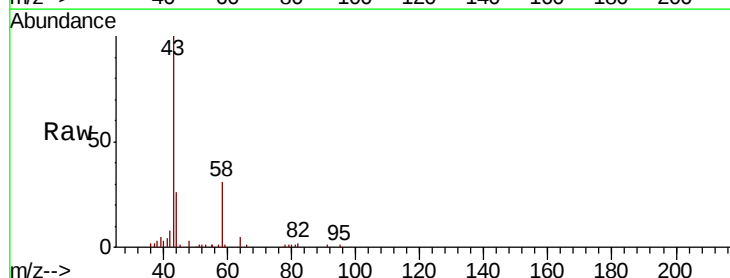
Acq: 22 Aug 2018 18:10

Tgt Ion: 43 Resp: 20210

Ion Ratio Lower Upper

43 100

58 31.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

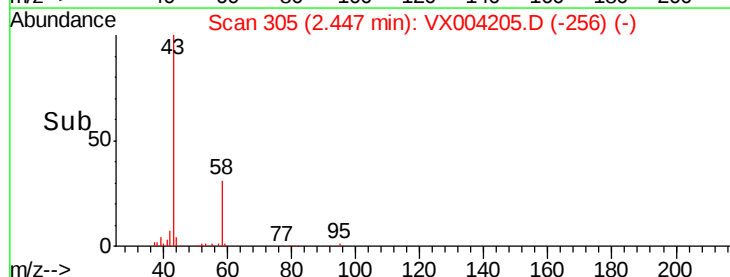
2.45

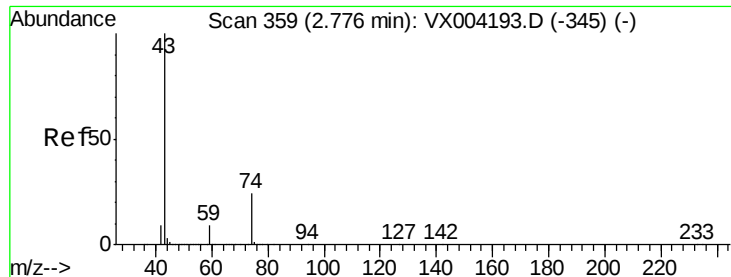
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

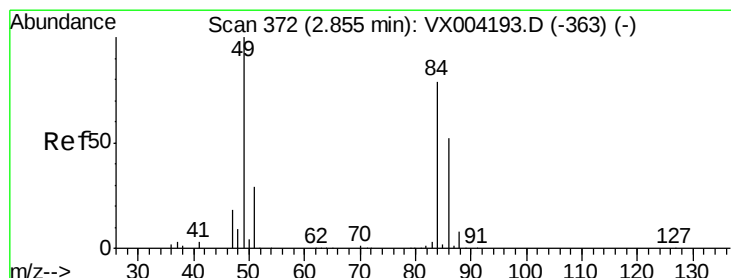
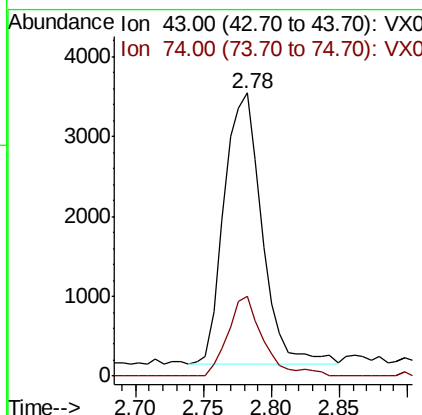
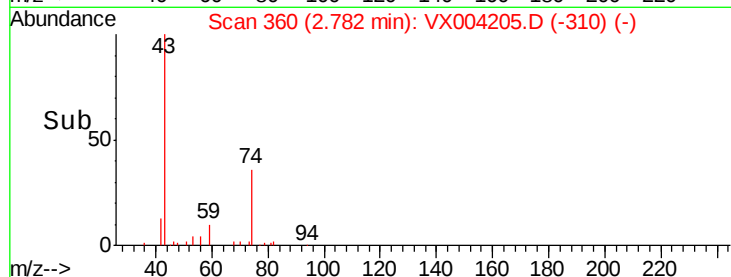
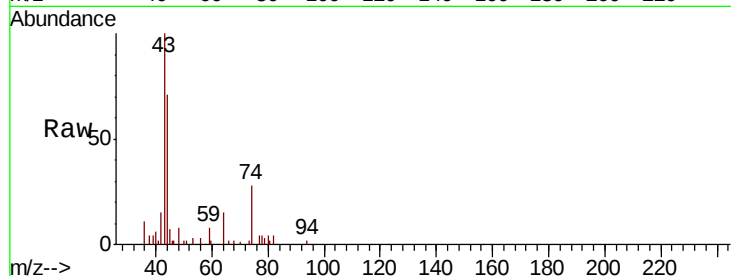




#18
Methvl Acetate
Concen: 1.13 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

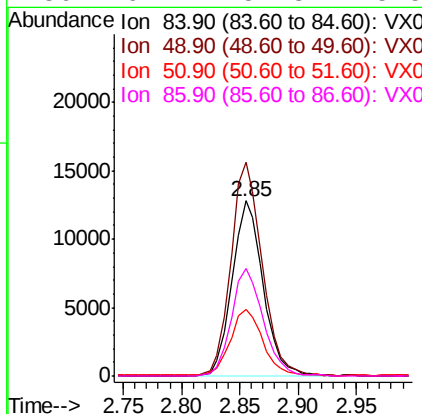
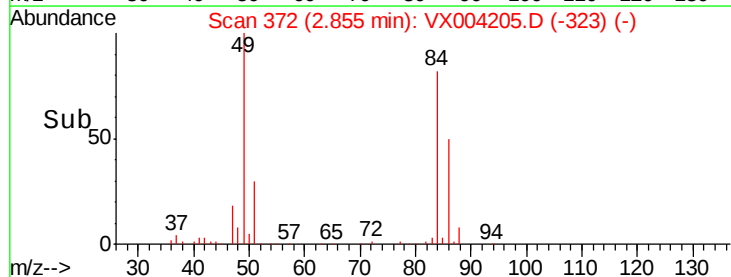
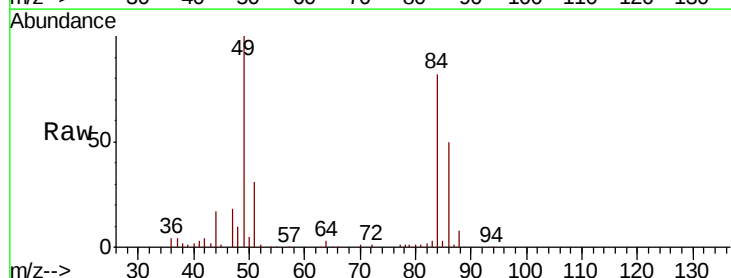
Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

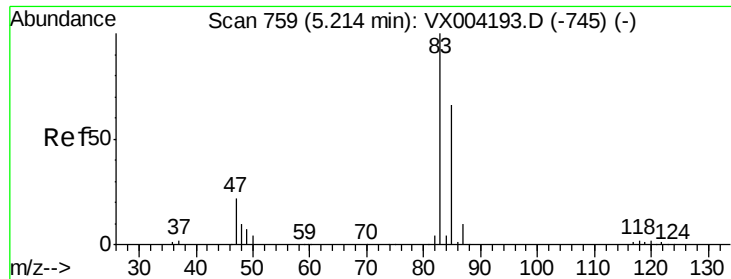
Tot Ion: 43 Resp: 6521
Ion Ratio Lower Upper
43 100
74 27.9 19.4 29.2



#20
Methylene Chloride
Concen: 6.34 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 84 Resp: 23788
Ion Ratio Lower Upper
84 100
49 121.9 101.2 151.8
51 37.7 29.5 44.3
86 61.4 52.3 78.5

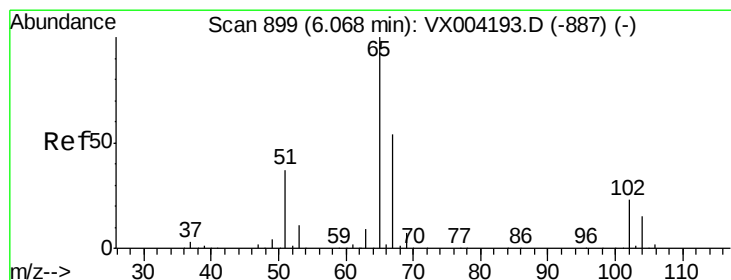
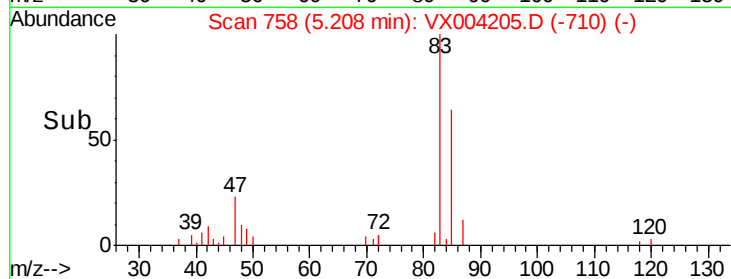
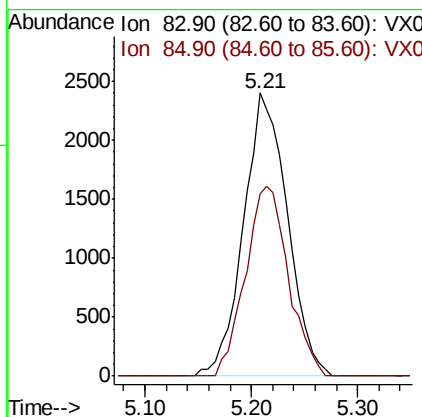
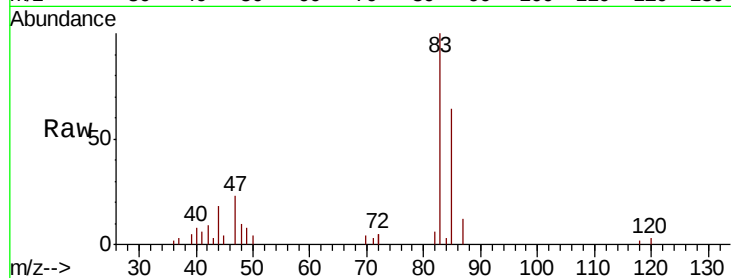




#30
Chloroform
Concen: 1.09 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

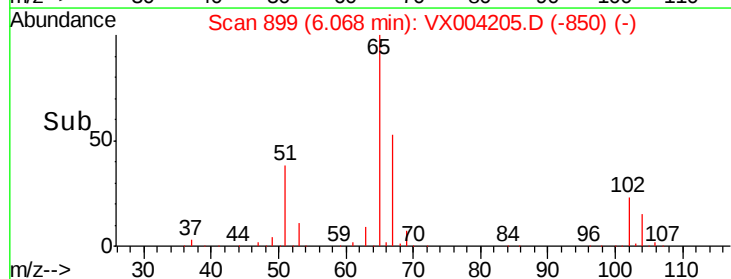
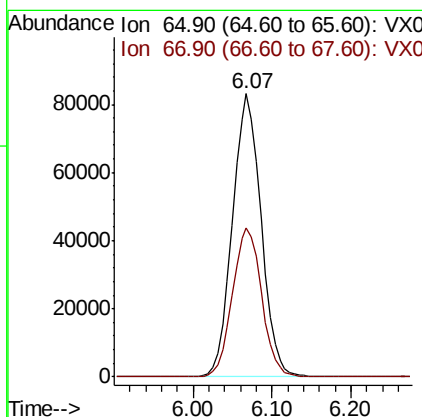
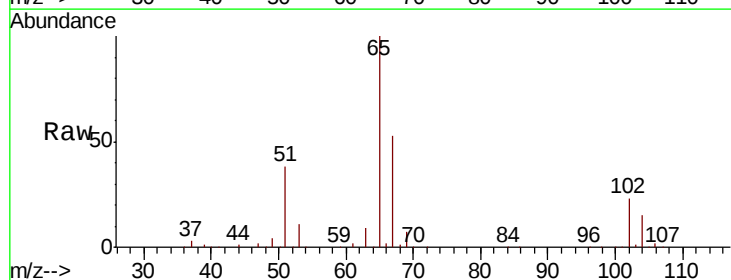
Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

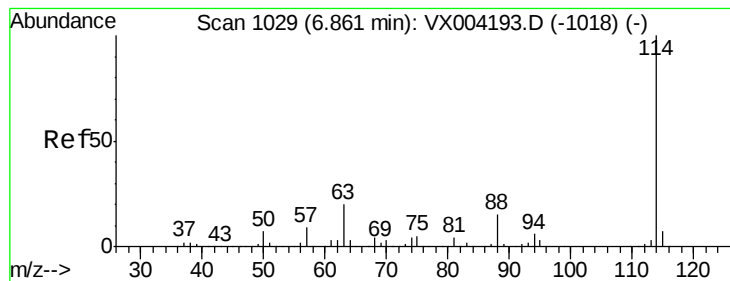
Tot Ion: 83 Resp: 6936
Ion Ratio Lower Upper
83 100
85 64.5 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 54.01 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 65 Resp: 210427
Ion Ratio Lower Upper
65 100
67 53.5 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: VX004205.D

Acq: 22 Aug 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

OK-01-082118

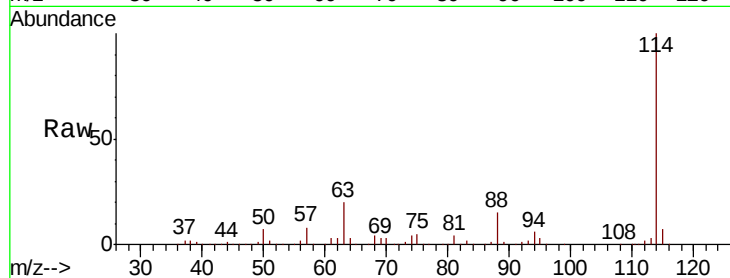
Tot Ion:114 Resp: 479167

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

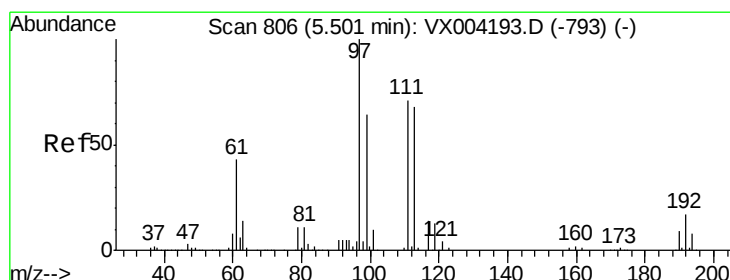
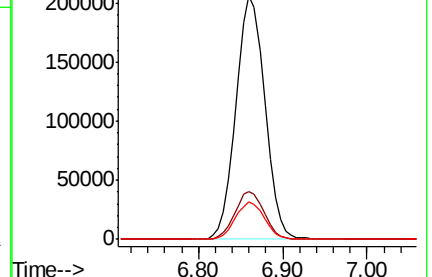
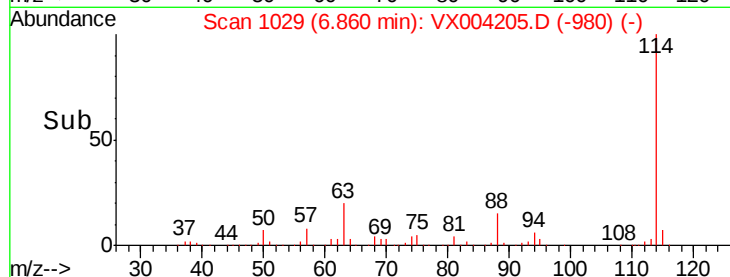
88 15.5 0.0 30.4



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: 50.87 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004205.D

Acq: 22 Aug 2018 18:10

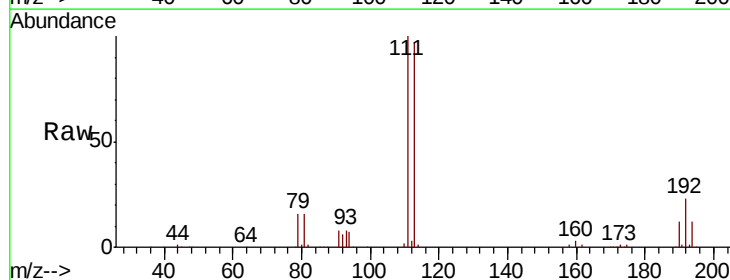
Tgt Ion:113 Resp: 181349

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

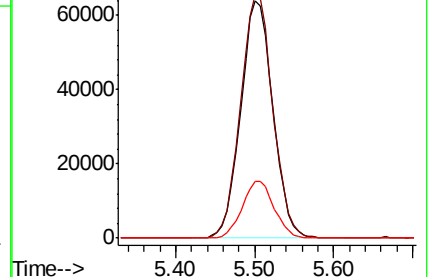
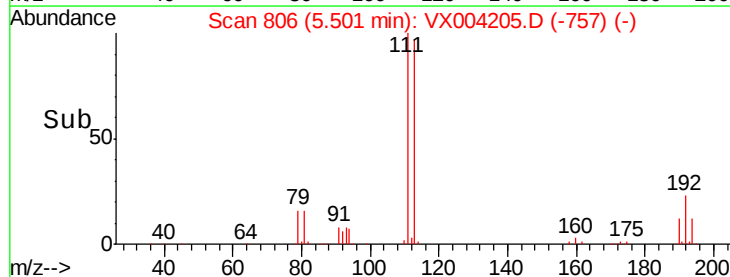
192 23.9 19.4 29.2

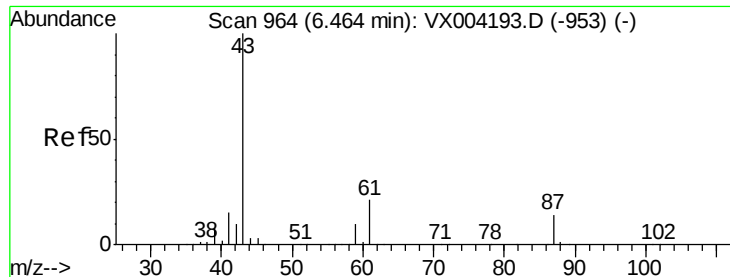


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



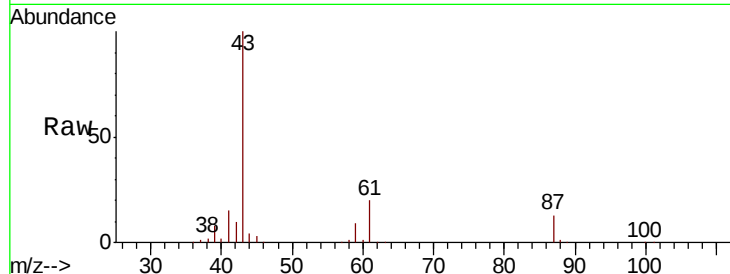


#43

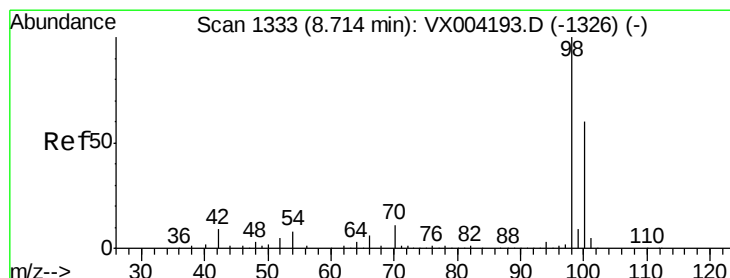
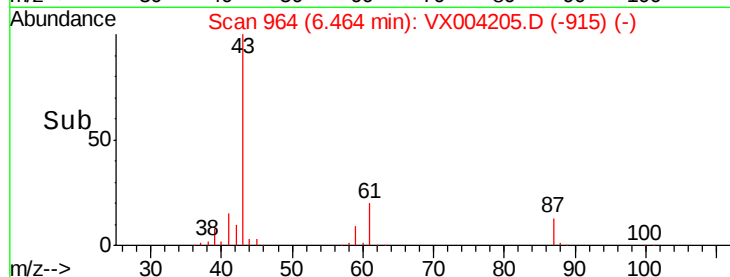
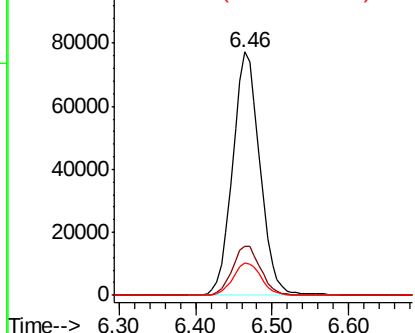
Isopropyl Acetate
 Concen: 23.45 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004205.D
 Acq: 22 Aug 2018 18:10

Instrument :
 MSVOA_X
 ClientSampleID :
 OK-01-082118

Tot Ion: 43 Resp: 190889
 Ion Ratio Lower Upper
 43 100
 61 20.8 17.0 25.4
 87 13.7 11.4 17.2



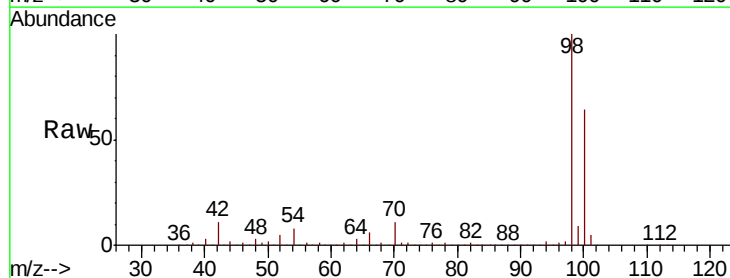
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



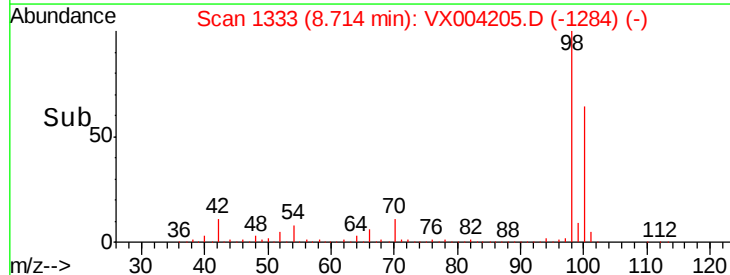
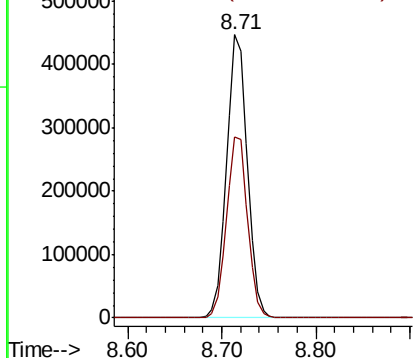
#50

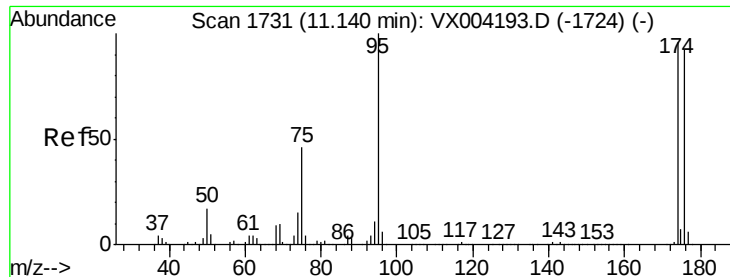
Toluene-d8
 Concen: 50.68 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: VX004205.D
 Acq: 22 Aug 2018 18:10

Tgt Ion: 98 Resp: 681892
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004205.D

Acq: 22 Aug 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

OK-01-082118

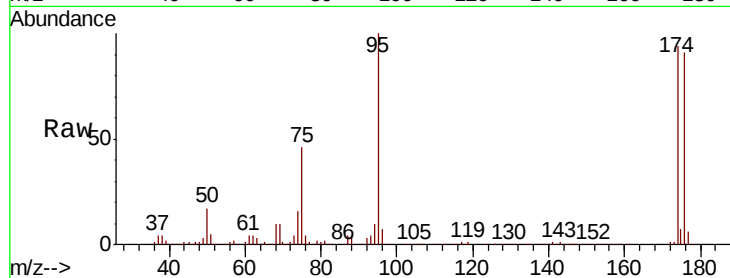
Tot Ion: 95 Resp: 236068

Ion Ratio Lower Upper

95 100

174 91.3 0.0 185.2

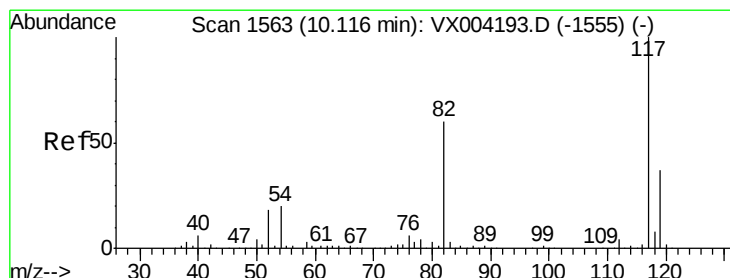
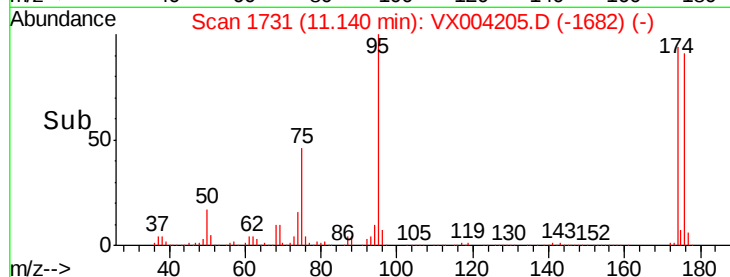
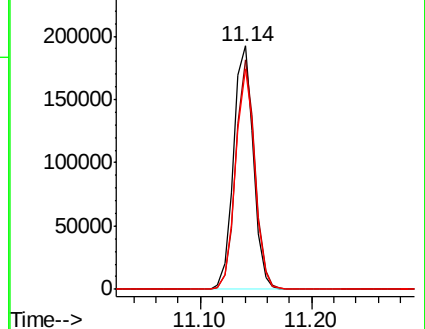
176 88.5 0.0 178.6



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: VX004205.D

Acq: 22 Aug 2018 18:10

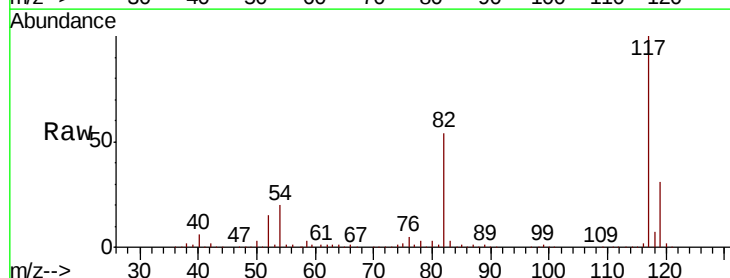
Tgt Ion: 117 Resp: 441876

Ion Ratio Lower Upper

117 100

82 54.5 47.8 71.6

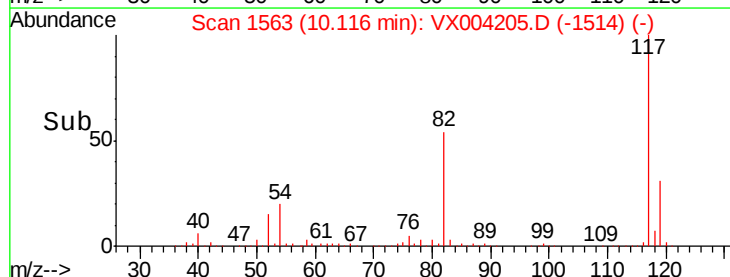
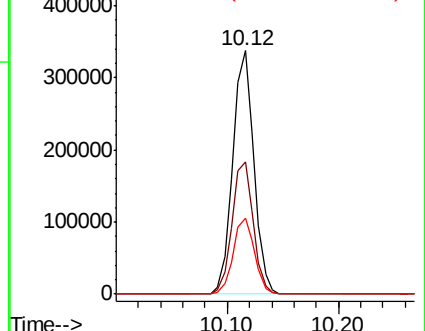
119 31.2 29.3 43.9

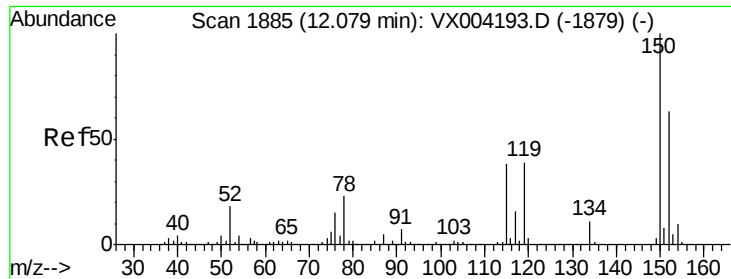


Abundance Ion 116.90 (116.60 to 117.60): VX004193.D (-1555) (-)

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: VX004205.D

Acq: 22 Aug 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

OK-01-082118

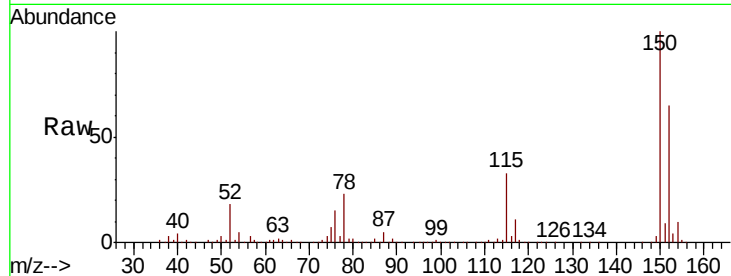
Tot Ion:152 Resp: 240424

Ion Ratio Lower Upper

152 100

115 54.8 39.0 117.0

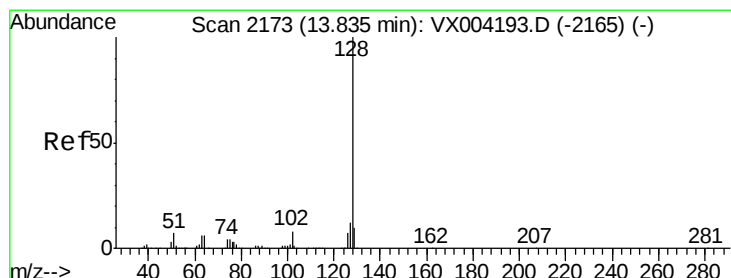
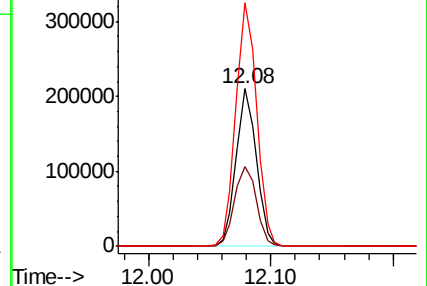
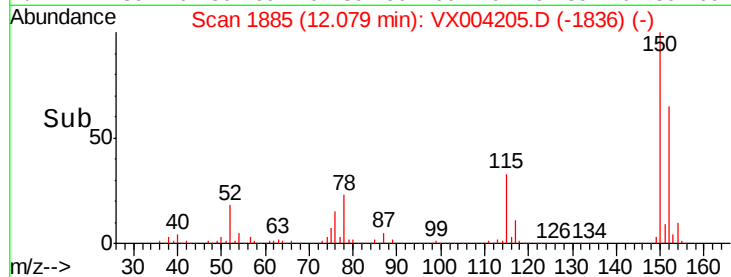
150 158.7 0.0 351.0



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: 2.57 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004205.D

Acq: 22 Aug 2018 18:10

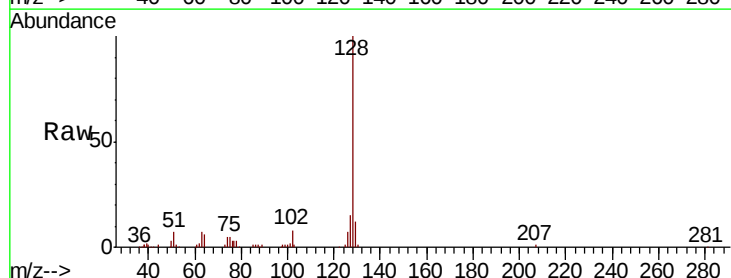
Tgt Ion:128 Resp: 40304

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.2

129 11.1 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

