

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006971.D
 Acq On : 09 Jan 2019 17:53
 Operator : JC/MD
 Sample : K1006-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-03-010819-E

Quant Time: Jan 10 02:34:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

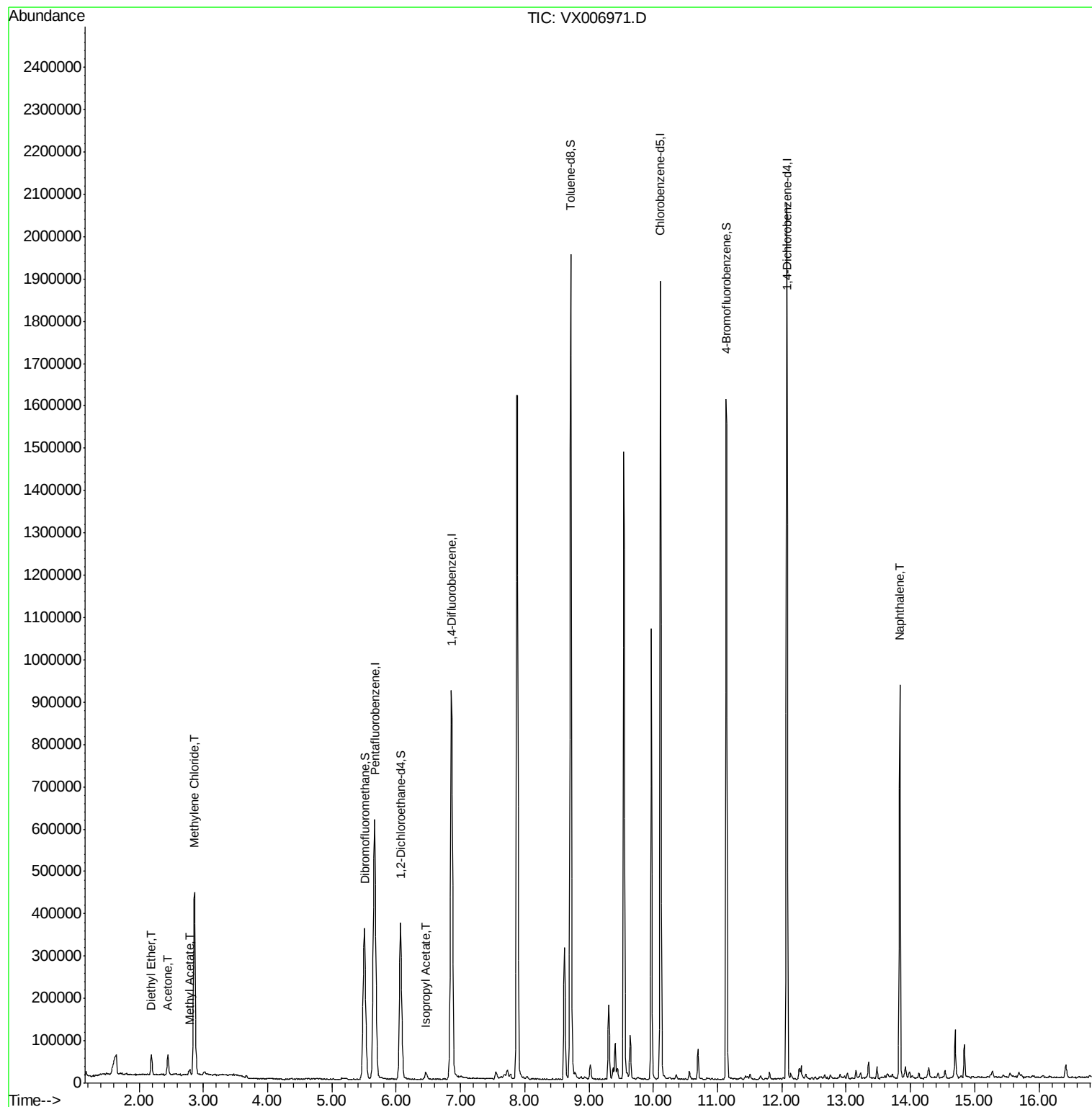
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	633437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	987159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	906224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	439894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	337015	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
35) Dibromofluoromethane	5.51	113	299396	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	8.71	98	1168469	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	409004	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
Target Compounds						
8) Diethyl Ether	2.19	74	16956	4.049	ug/l	97
16) Acetone	2.45	43	50002	15.279	ug/l	100
18) Methyl Acetate	2.78	43	15996	1.688	ug/l	97
20) Methylene Chloride	2.86	84	204642	32.680	ug/l	95
43) Isopropyl Acetate	6.46	43	22396	1.543	ug/l	99
95) Naphthalene	13.83	128	565215	17.834	ug/l	99

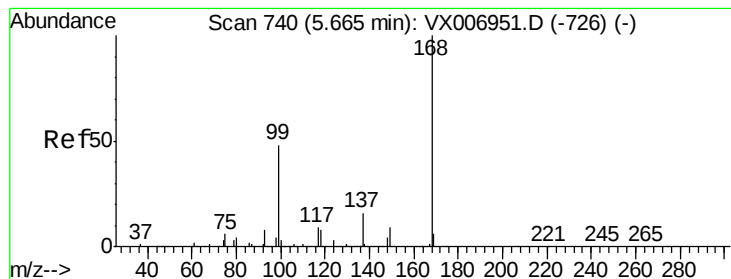
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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JC-03-010819-E

Quant Time: Jan 10 02:34:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006971.D

Acq: 09 Jan 2019 17:53

Instrument :

MSVOA_X

ClientSampleId :

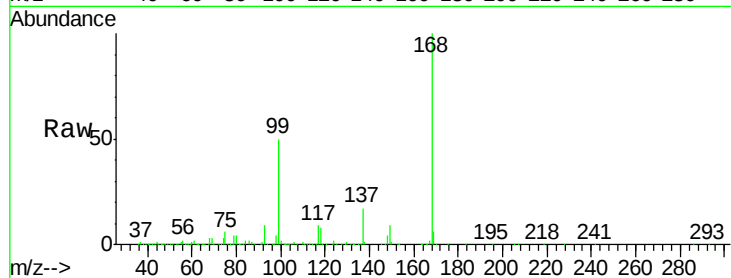
JC-03-010819-E

Tot Ion:168 Resp: 633437

Ion Ratio Lower Upper

168 100

99 50.0 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

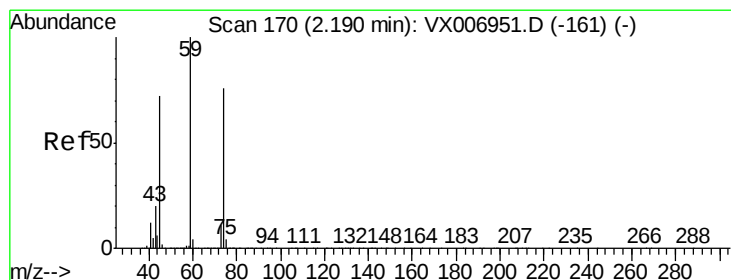
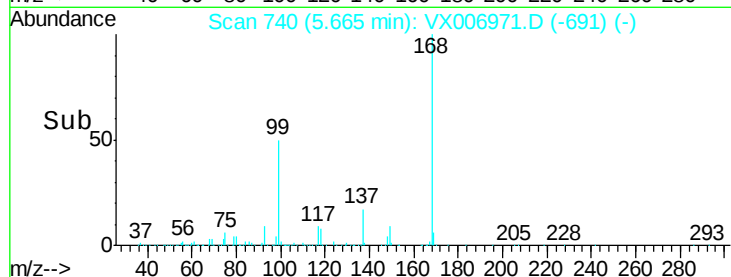
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 4.049 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006971.D

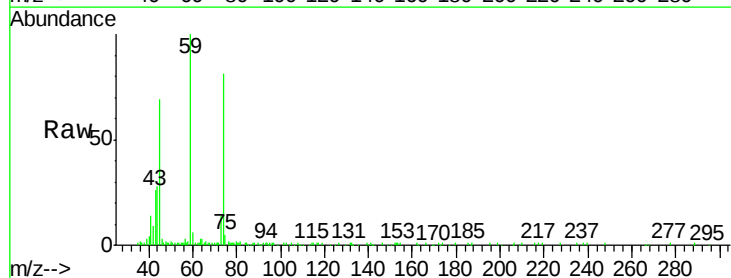
Acq: 09 Jan 2019 17:53

Tgt Ion: 74 Resp: 16956

Ion Ratio Lower Upper

74 100

45 89.6 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

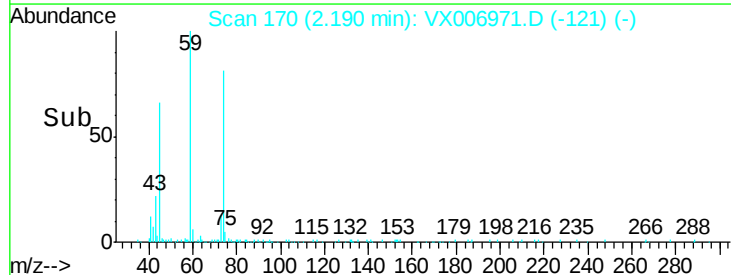
2.19

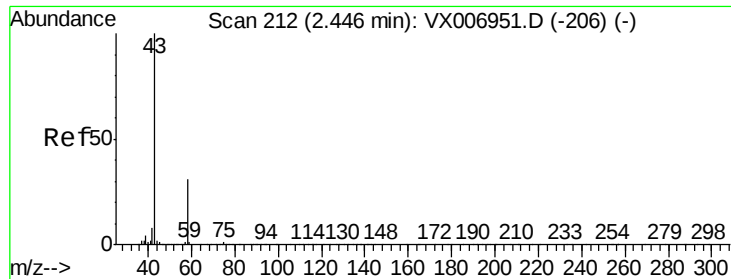
10000

5000

0

Time--> 2.10 2.15 2.20 2.25

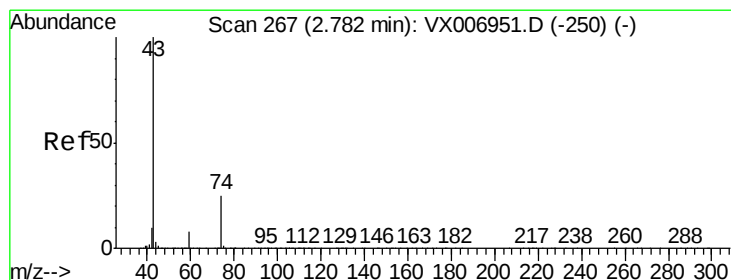
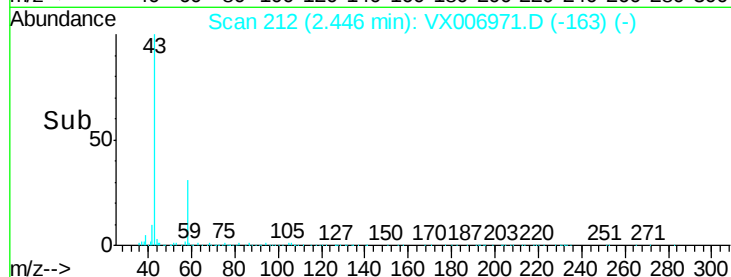
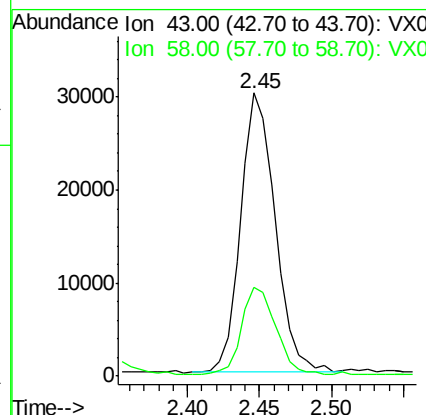
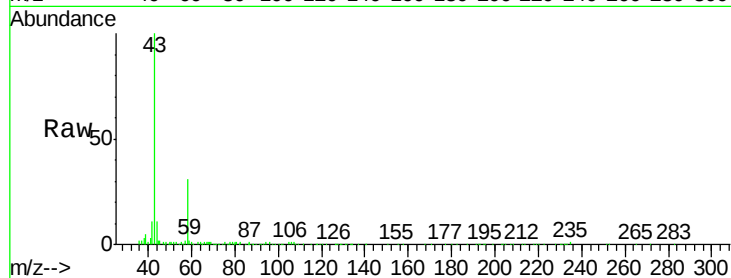




#16
Acetone
Concen: 15.279 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006971.D
Acq: 09 Jan 2019 17:53

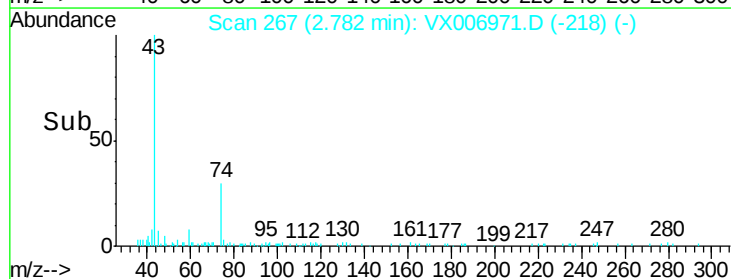
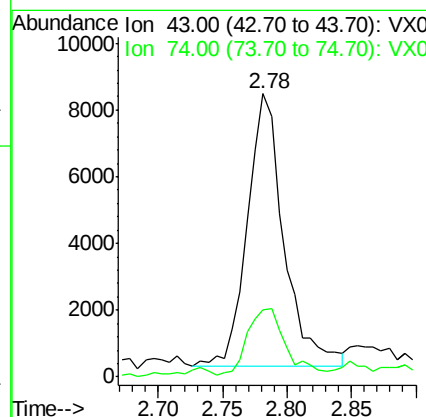
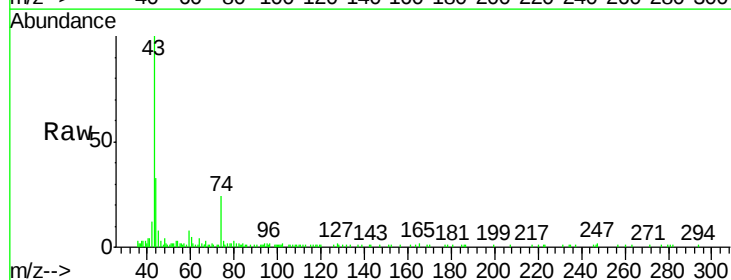
Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-E

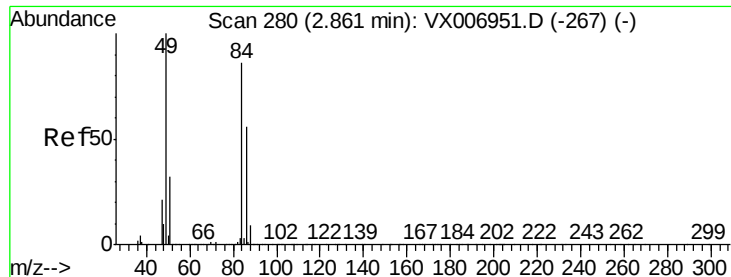
Tot Ion: 43 Resp: 50002
Ion Ratio Lower Upper
43 100
58 31.2 25.0 37.6



#18
Methyl Acetate
Concen: 1.688 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006971.D
Acq: 09 Jan 2019 17:53

Tgt Ion: 43 Resp: 15996
Ion Ratio Lower Upper
43 100
74 24.9 18.6 28.0





#20

Methylene Chloride

Concen: 32.680 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006971.D

Acq: 09 Jan 2019 17:53

Instrument :

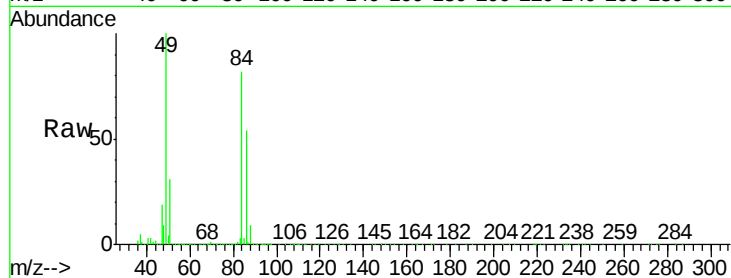
MSVOA_X

ClientSampleId :

JC-03-010819-E

Tot Ion: 84 Resp: 204642

Ion	Ratio	Lower	Upper
84	100		
49	122.0	91.8	137.6
51	37.3	28.5	42.7
86	66.2	50.2	75.2

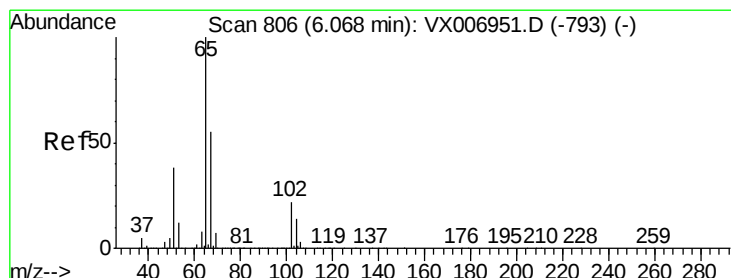
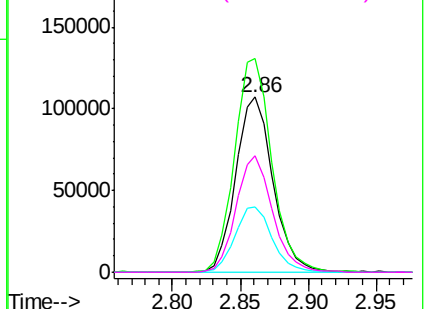
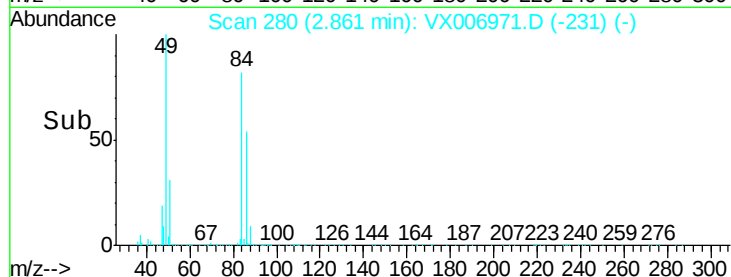


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.909 ug/l

RT: 6.07 min Scan# 806

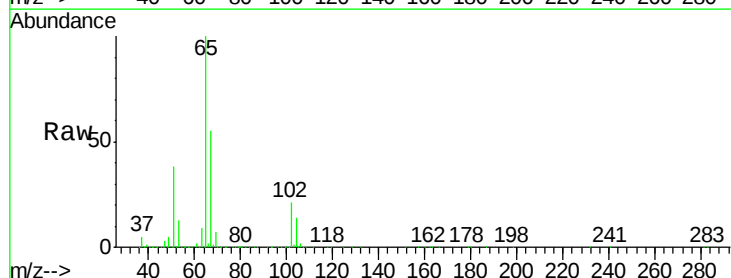
Delta R.T. -0.00 min

Lab File: VX006971.D

Acq: 09 Jan 2019 17:53

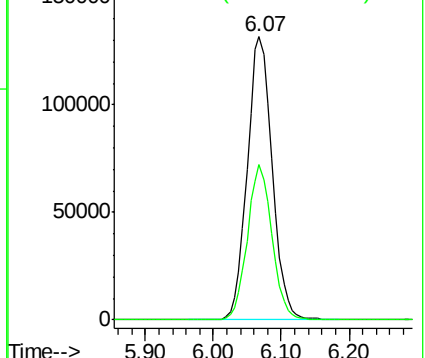
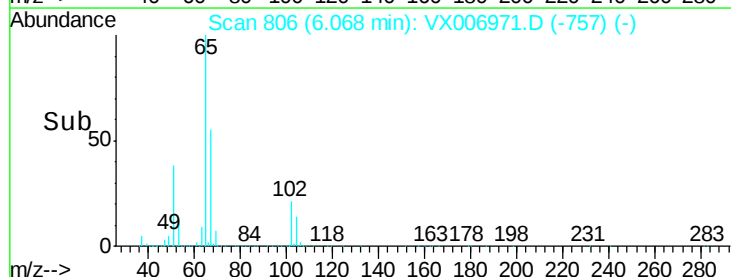
Tgt Ion: 65 Resp: 337015

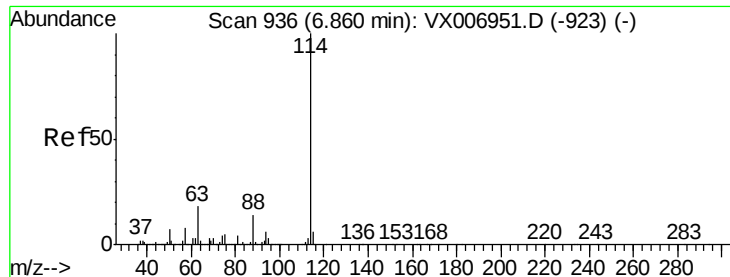
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006971.D

Acq: 09 Jan 2019 17:53

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-E

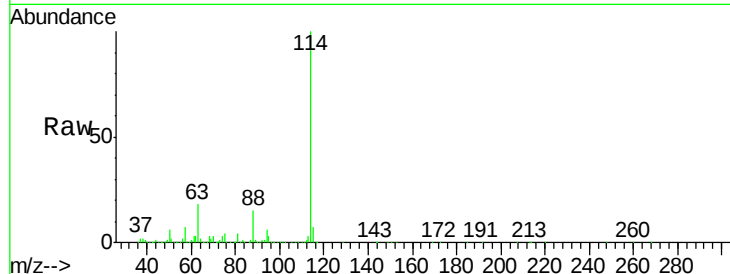
Tot Ion:114 Resp: 987159

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

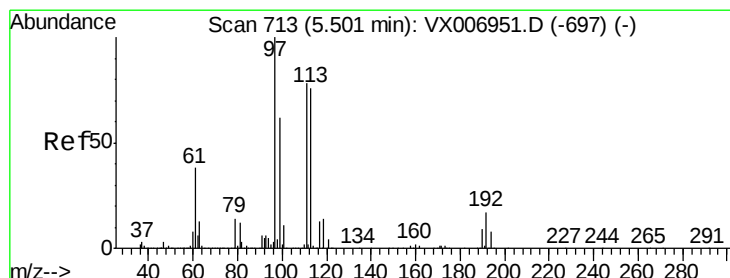
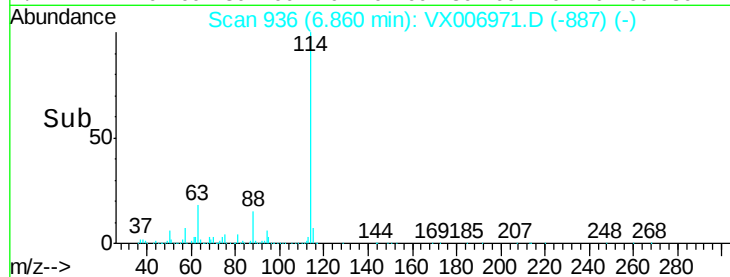
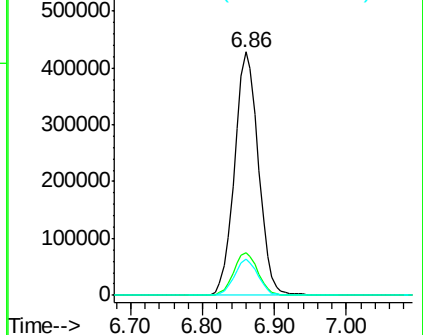
88 14.7 0.0 28.8



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: 47.360 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006971.D

Acq: 09 Jan 2019 17:53

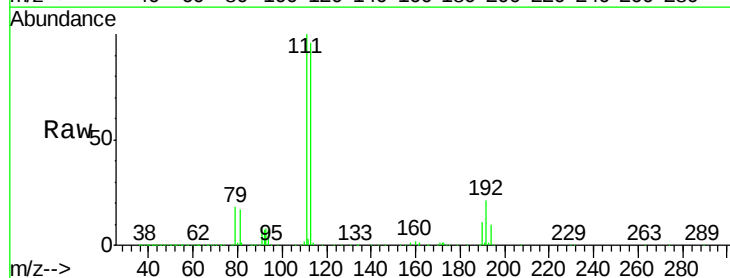
Tgt Ion:113 Resp: 299396

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

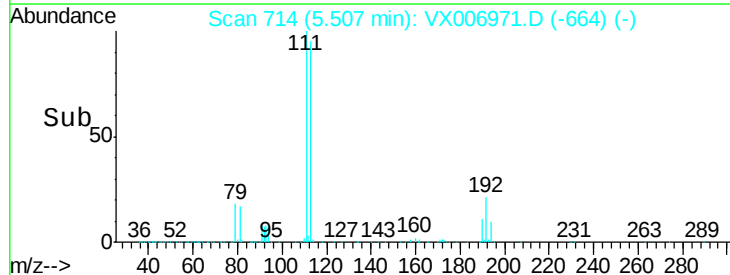
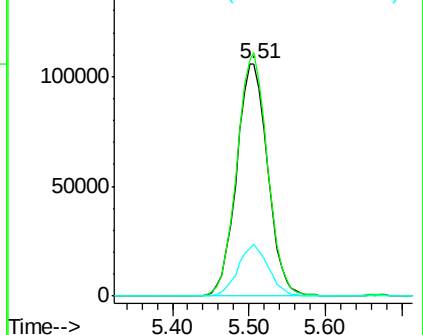
192 21.8 16.7 25.1

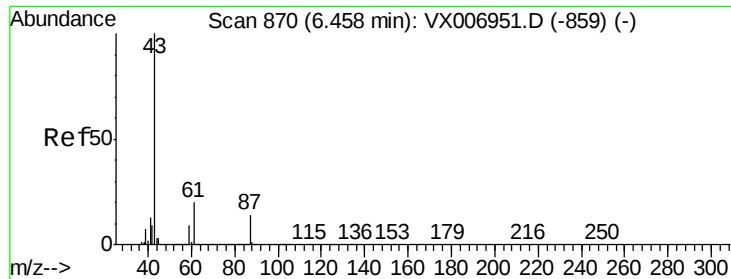


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



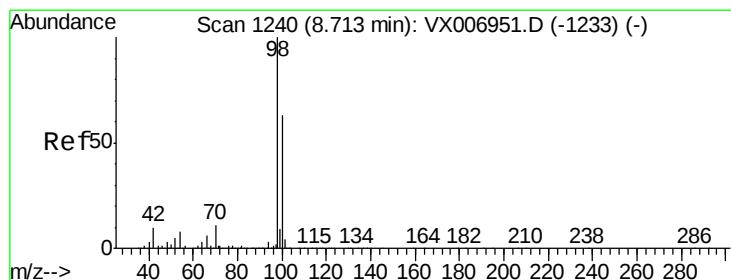
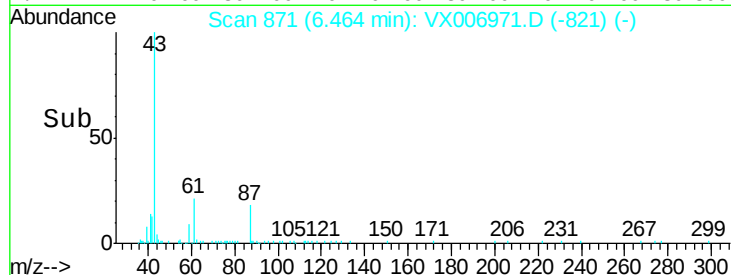
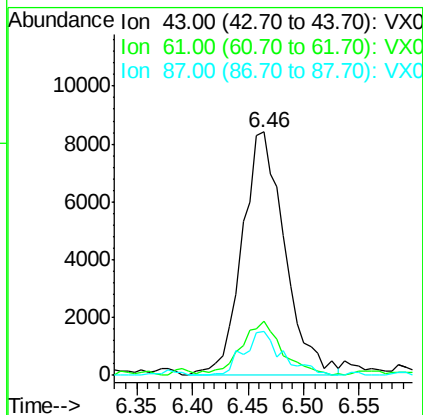
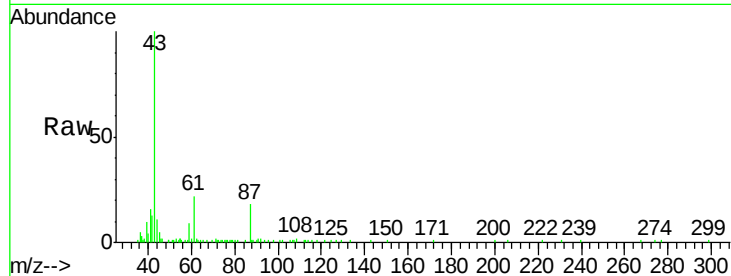


#43

Isopropyl Acetate
 Concen: 1.543 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006971.D
 Acq: 09 Jan 2019 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-03-010819-E

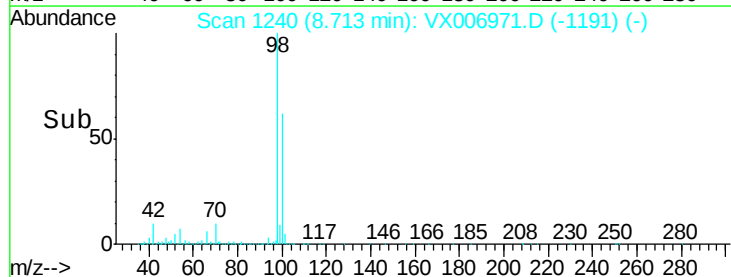
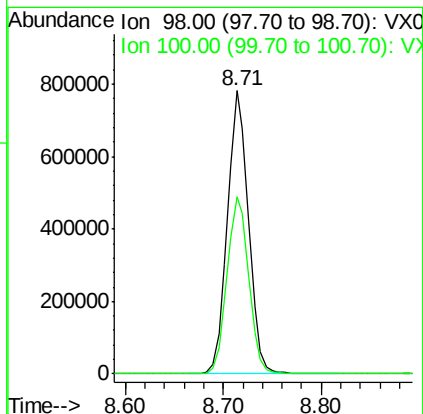
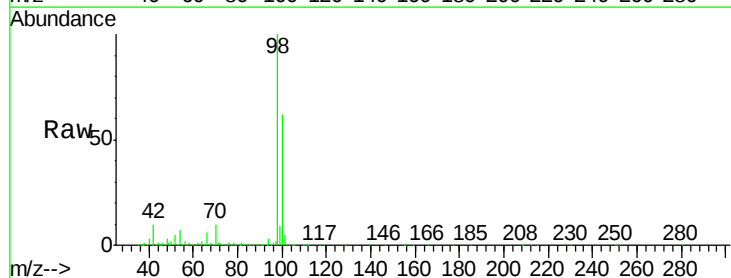
Tot Ion	43	Resp	22396
Ion Ratio	Lower	Upper	
43	100		
61	21.3	16.8	25.2
87	16.4	12.4	18.6

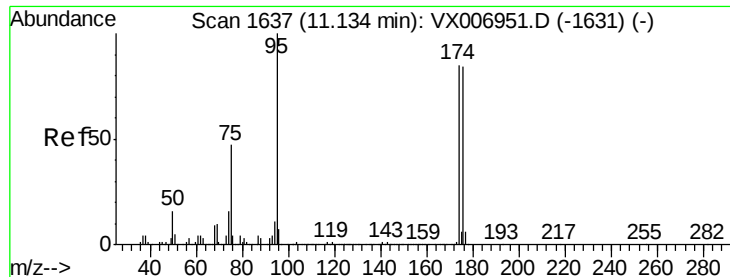


#50

Toluene-d8
 Concen: 50.497 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006971.D
 Acq: 09 Jan 2019 17:53

Tgt Ion	98	Resp	1168469
Ion Ratio	Lower	Upper	
98	100		
100	64.4	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 50.701 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006971.D

Acq: 09 Jan 2019 17:53

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-E

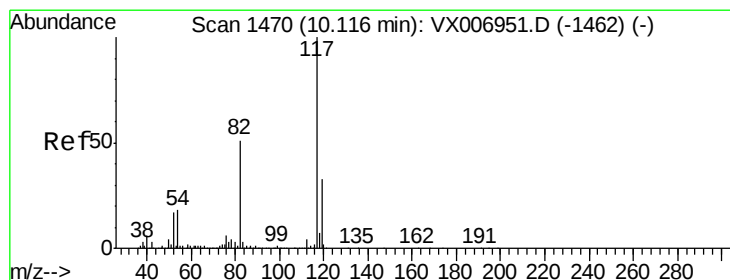
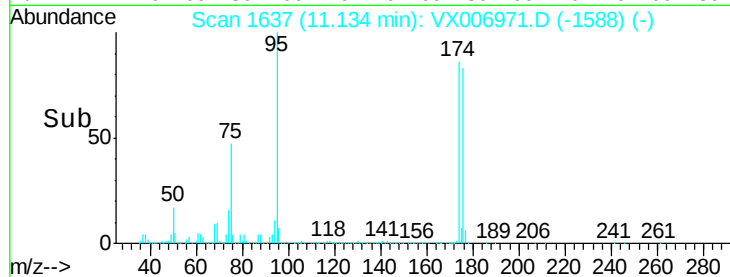
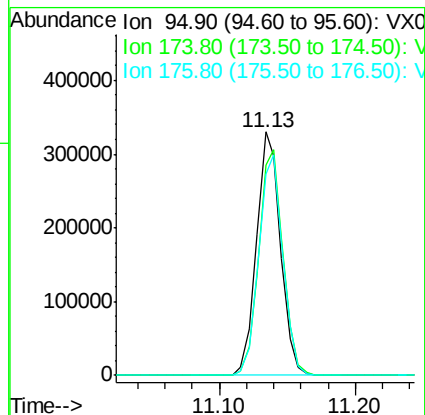
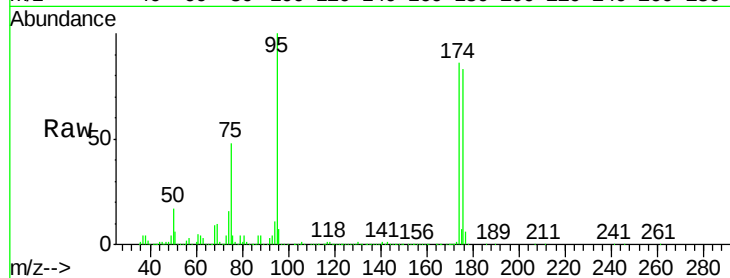
Tot Ion: 95 Resp: 409004

Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

176 91.5 0.0 178.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX006971.D

Acq: 09 Jan 2019 17:53

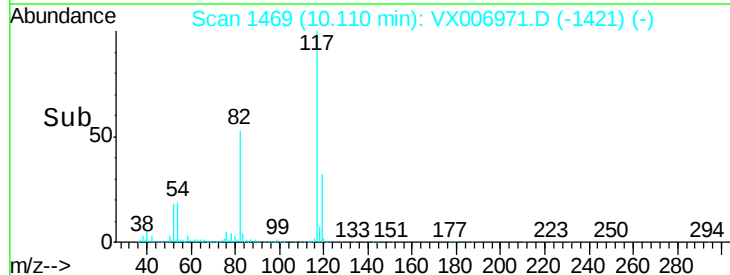
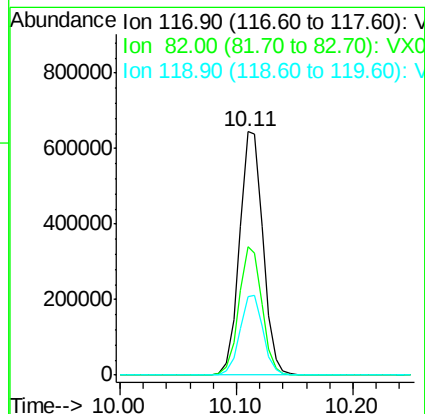
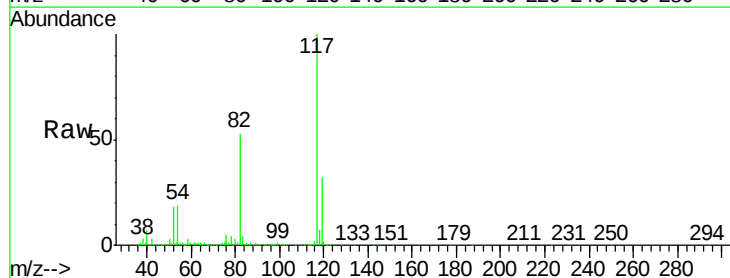
Tgt Ion: 117 Resp: 906224

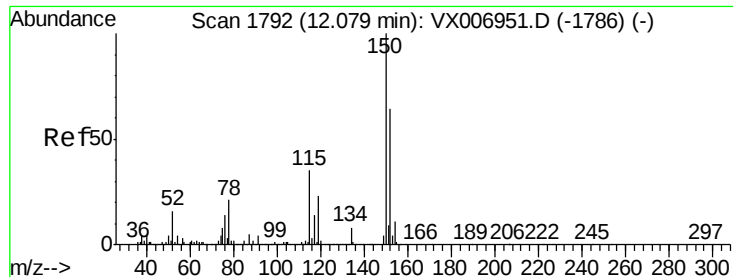
Ion Ratio Lower Upper

117 100

82 53.0 41.0 61.6

119 32.5 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: VX006971.D

Acq: 09 Jan 2019 17:53

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-E

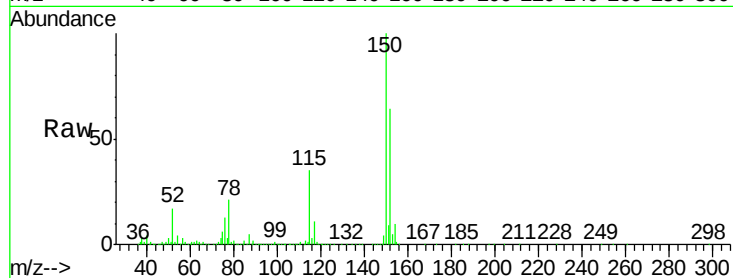
Tot Ion:152 Resp: 439894

Ion Ratio Lower Upper

152 100

115 55.2 39.1 117.2

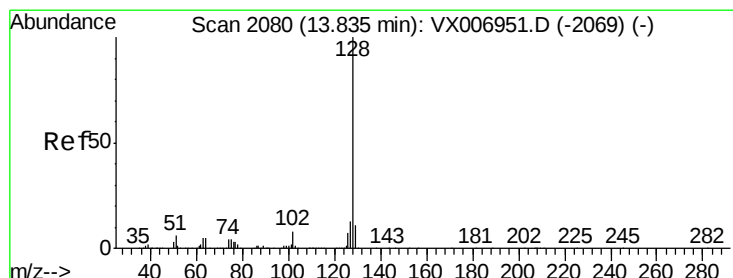
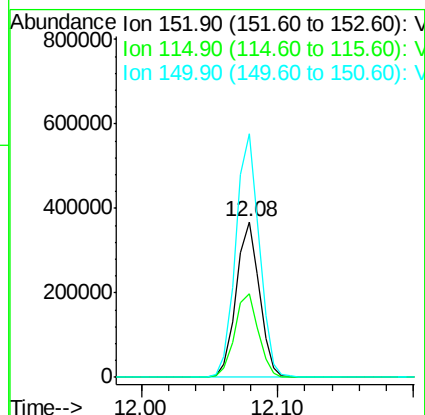
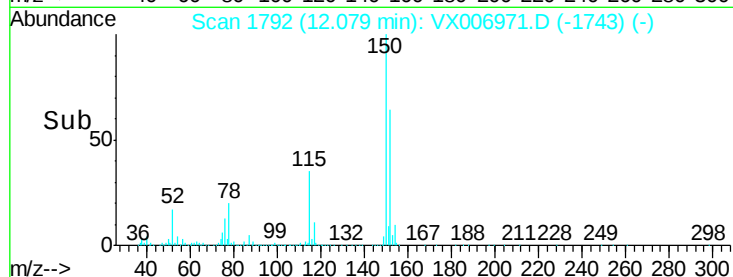
150 157.5 0.0 344.8



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: 17.834 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006971.D

Acq: 09 Jan 2019 17:53

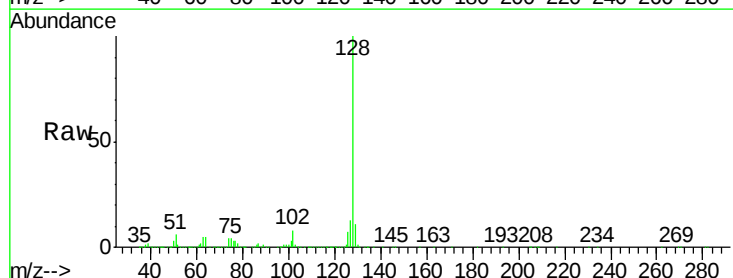
Tgt Ion:128 Resp: 565215

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 11.0 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

