

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005013.D
 Acq On : 04 Oct 2018 11:48
 Operator : JC/MD
 Sample : PB113446ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#05

Quant Time: Oct 04 12:09:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

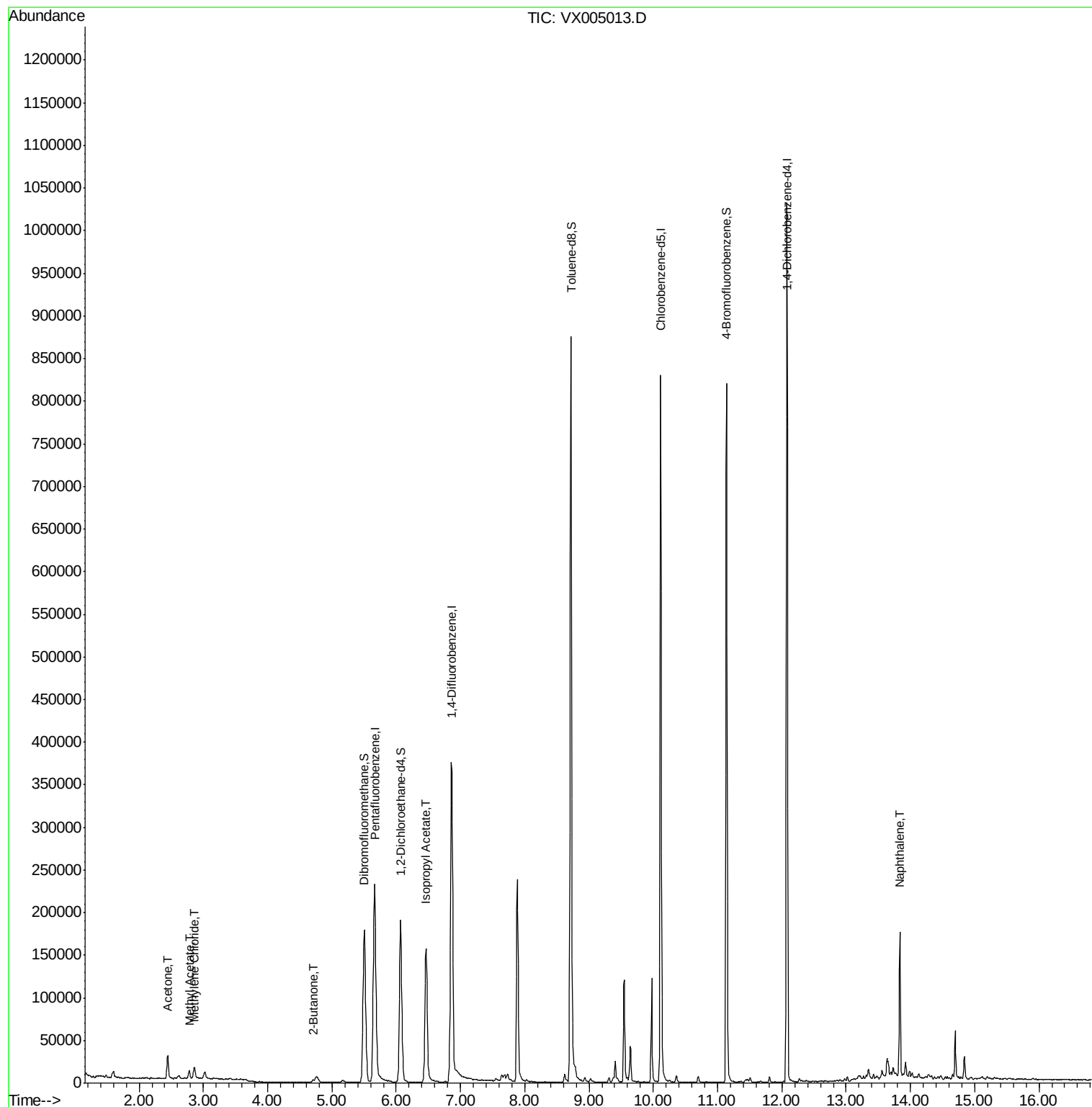
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	408123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181285	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
35) Dibromofluoromethane	5.51	113	154635	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
50) Toluene-d8	8.72	98	583266	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.14	95	211826	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
Target Compounds						
16) Acetone	2.45	43	28700	13.860	ug/l	96
18) Methyl Acetate	2.78	43	11354	2.164	ug/l	100
20) Methylene Chloride	2.85	84	5929	1.149	ug/l	88
25) 2-Butanone	4.71	43	5091	1.668	ug/l	99
43) Isopropyl Acetate	6.46	43	221325	24.479	ug/l	96
95) Naphthalene	13.83	128	102033	6.315	ug/l	99

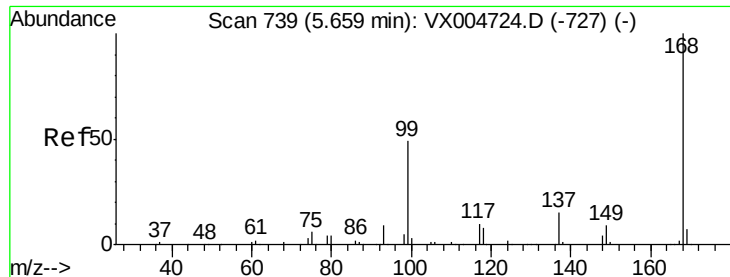
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 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: VX005013.D

Acq: 04 Oct 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

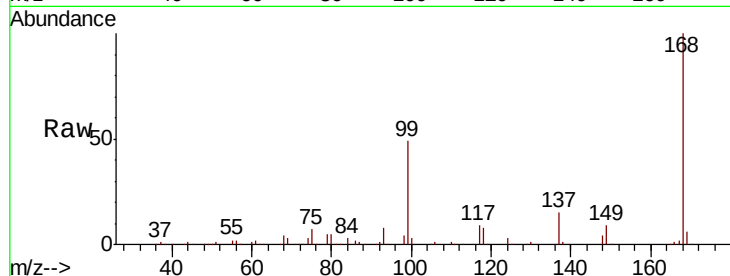
PB113446ZHE#05

Tot Ion:168 Resp: 248291

Ion Ratio Lower Upper

168 100

99 49.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

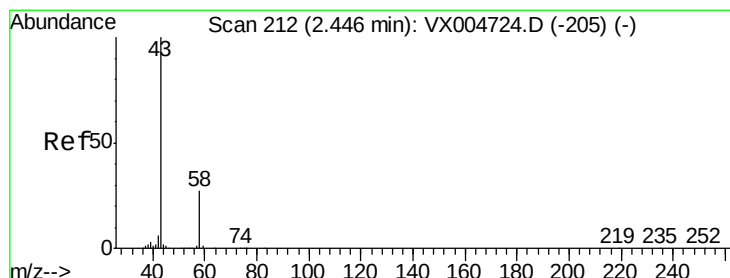
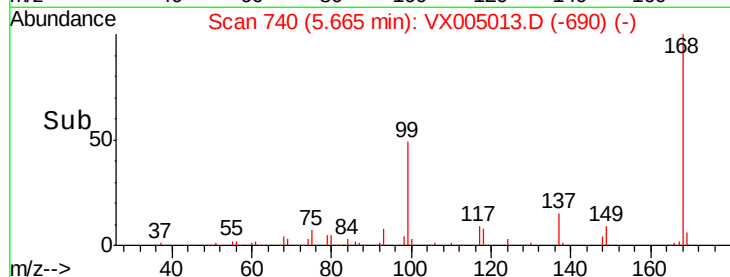
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.860 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005013.D

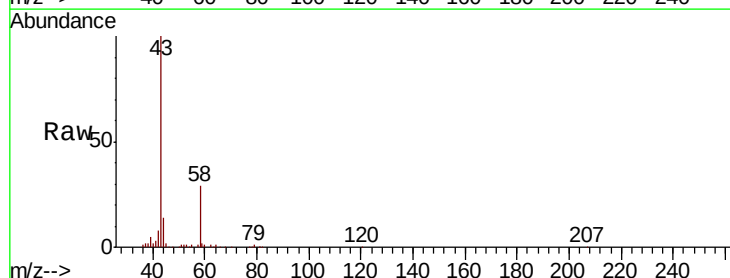
Acq: 04 Oct 2018 11:48

Tgt Ion: 43 Resp: 28700

Ion Ratio Lower Upper

43 100

58 29.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

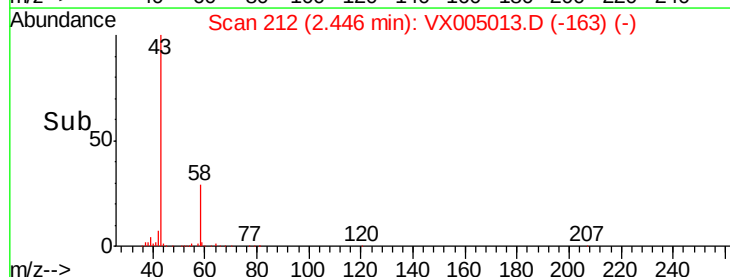
15000

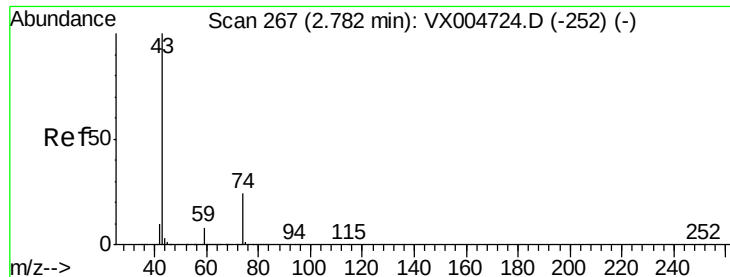
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

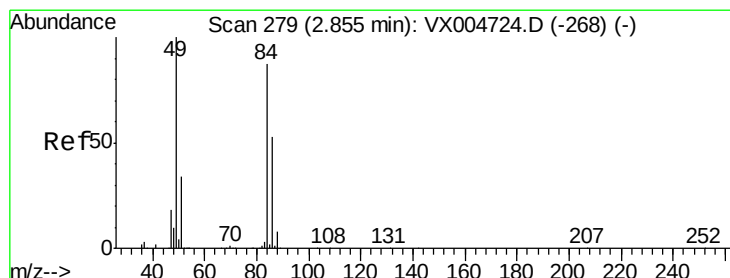
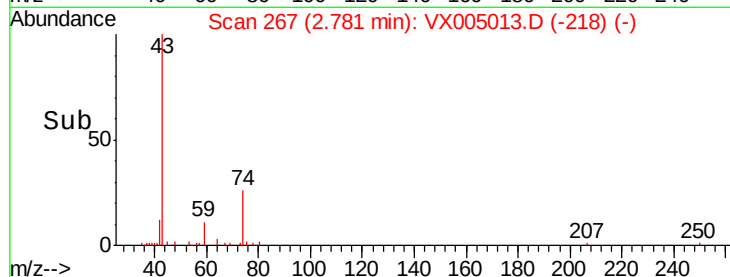
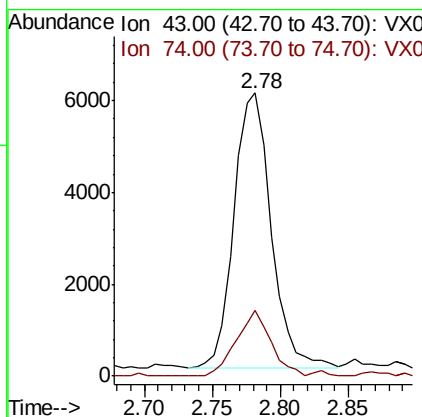
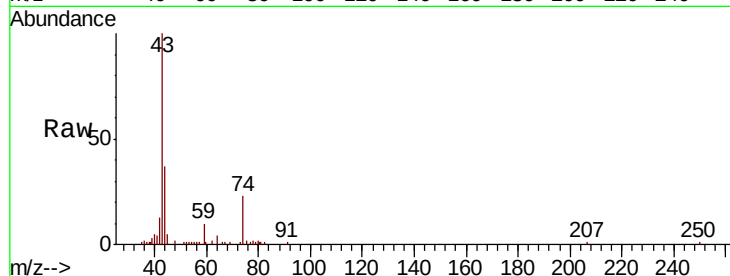




#18
Methvl Acetate
Concen: 2.164 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

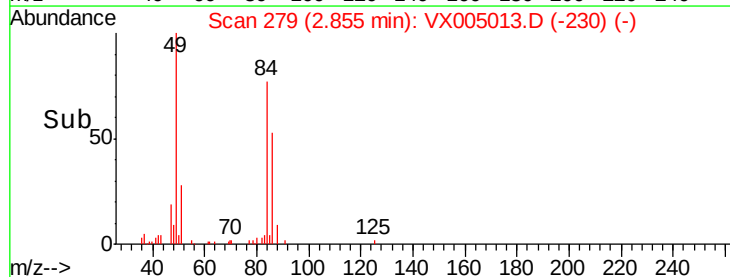
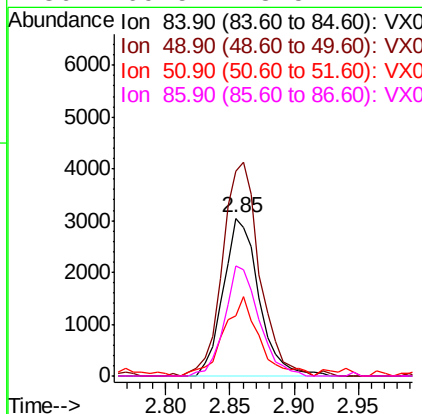
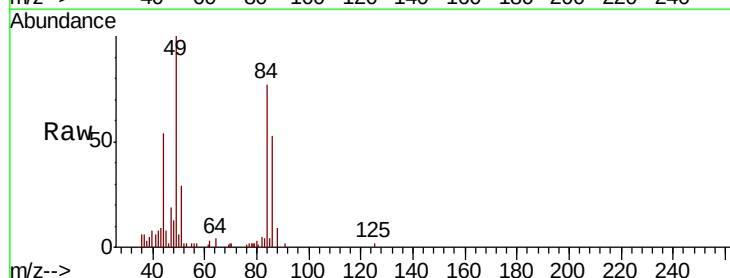
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

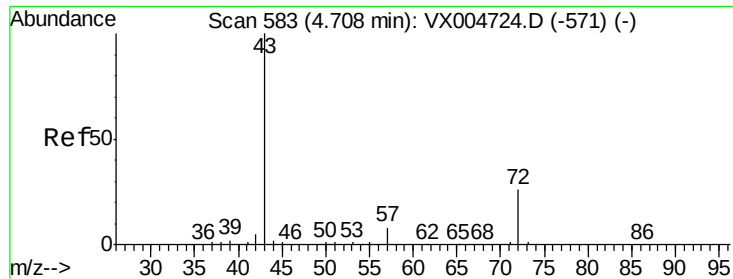
Tot Ion: 43 Resp: 11354
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 1.149 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 84 Resp: 5929
Ion Ratio Lower Upper
84 100
49 130.2 92.3 138.5
51 36.1 31.8 47.6
86 69.5 48.5 72.7

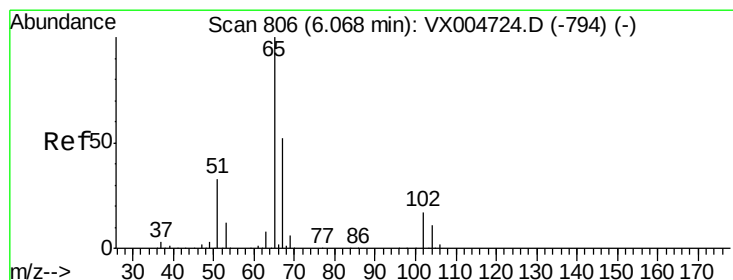
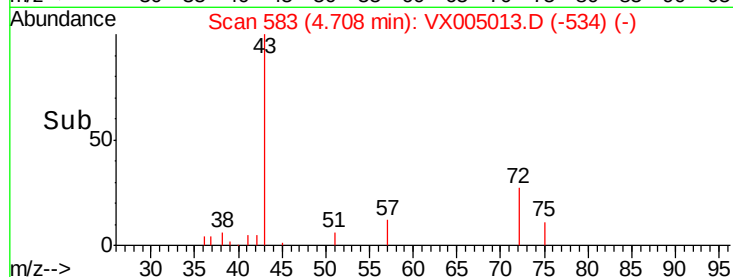
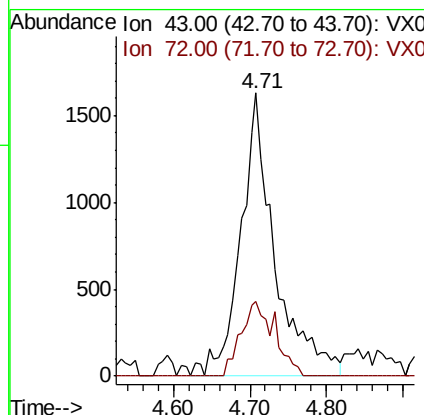
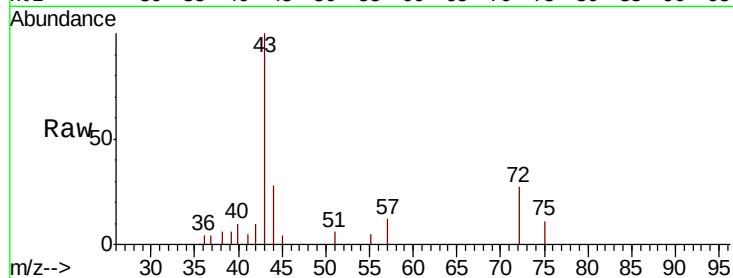




#25
 2-Butanone
 Concen: 1.668 ug/l
 RT: 4.71 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: VX005013.D
 Acq: 04 Oct 2018 11:48

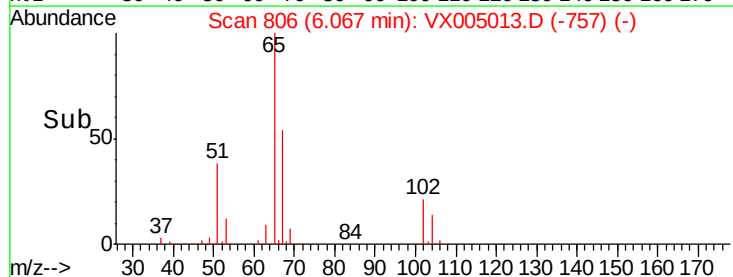
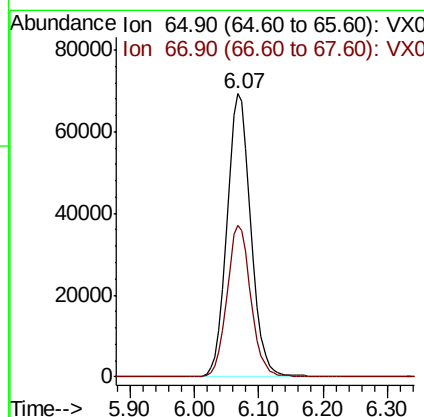
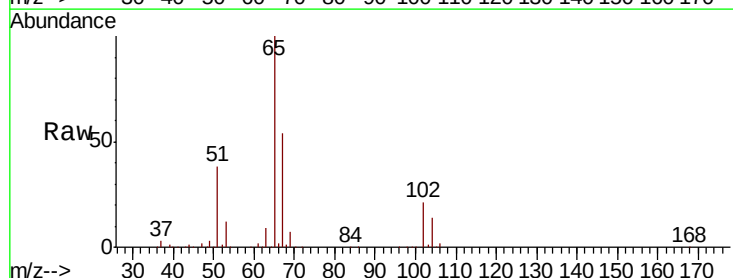
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#05

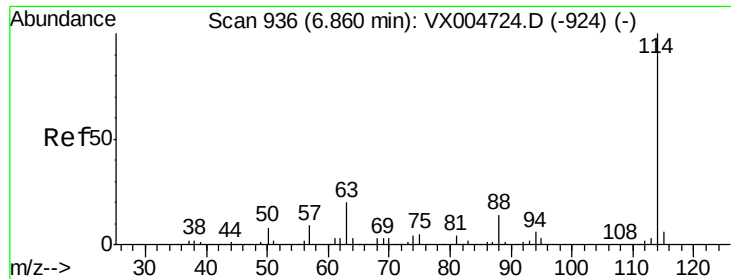
Tot Ion: 43 Resp: 5091
 Ion Ratio Lower Upper
 43 100
 72 26.6 20.8 31.2



#33
 1,2-Dichloroethane-d4
 Concen: 51.112 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005013.D
 Acq: 04 Oct 2018 11:48

Tgt Ion: 65 Resp: 181285
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.4

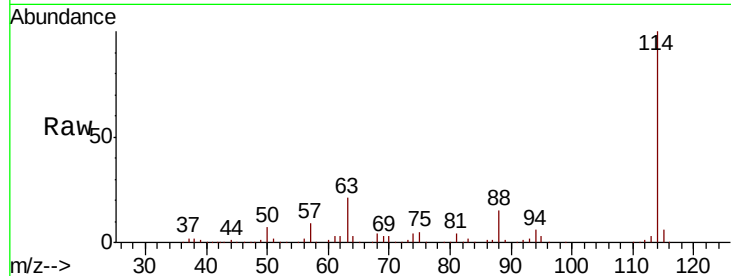




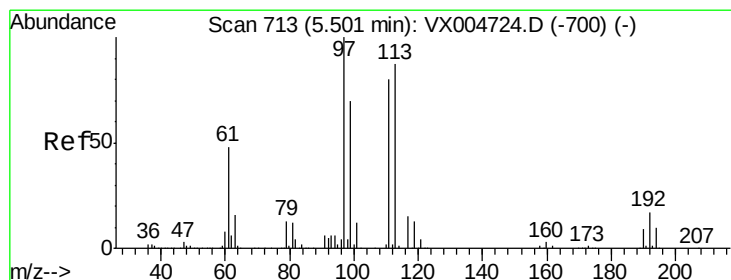
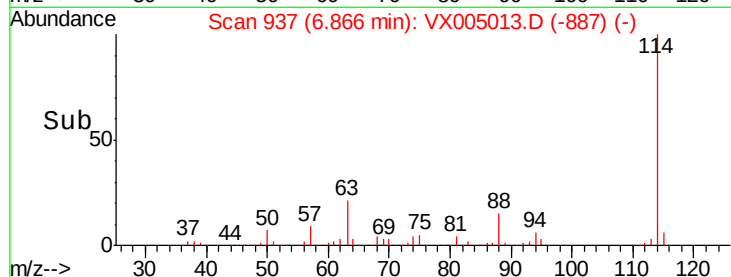
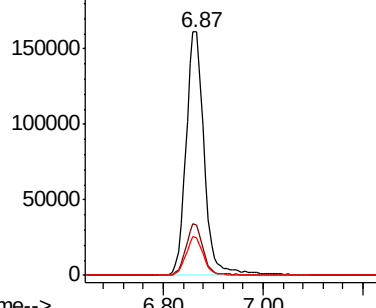
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005013.D
 Acq: 04 Oct 2018 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#05

Tot Ion:114 Resp: 408123
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 15.3 0.0 27.0

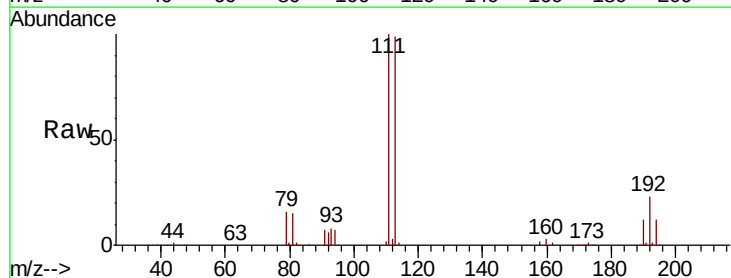


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

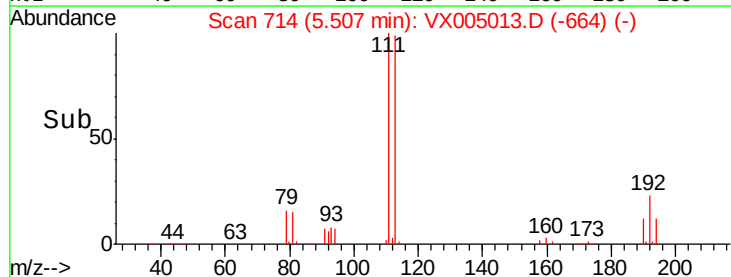
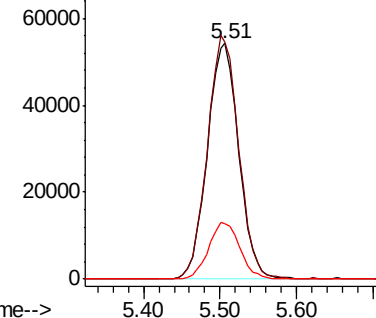


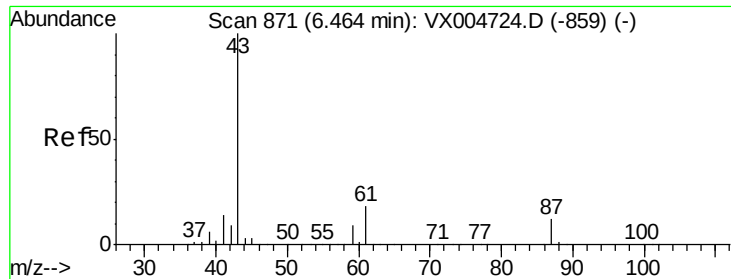
#35
 Dibromofluoromethane
 Concen: 44.706 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005013.D
 Acq: 04 Oct 2018 11:48

Tgt Ion:113 Resp: 154635
 Ion Ratio Lower Upper
 113 100
 111 102.5 77.0 115.4
 192 23.7 17.0 25.6



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: 24.479 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005013.D

Acq: 04 Oct 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#05

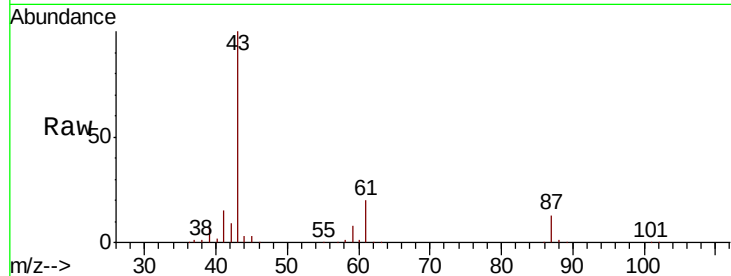
Tot Ion: 43 Resp: 221325

Ion Ratio Lower Upper

43 100

61 19.8 14.2 21.4

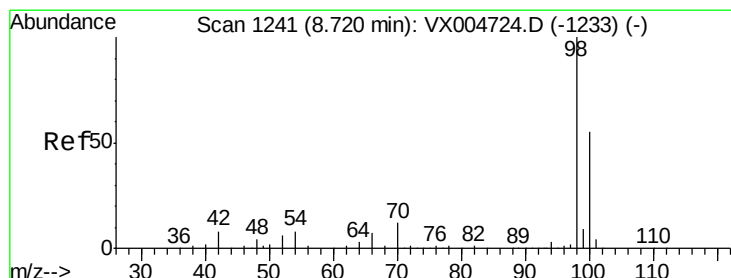
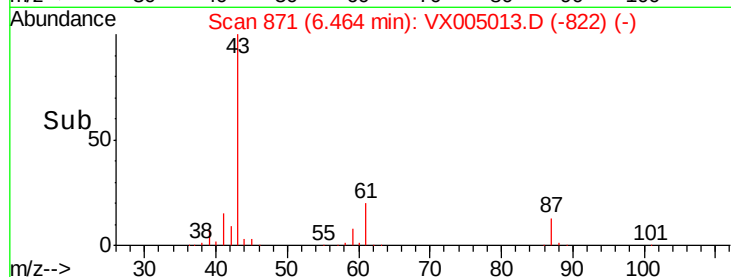
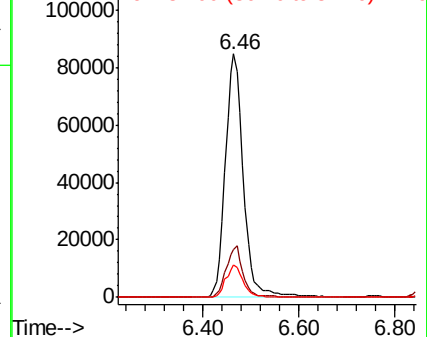
87 12.7 9.3 13.9



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: 50.723 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005013.D

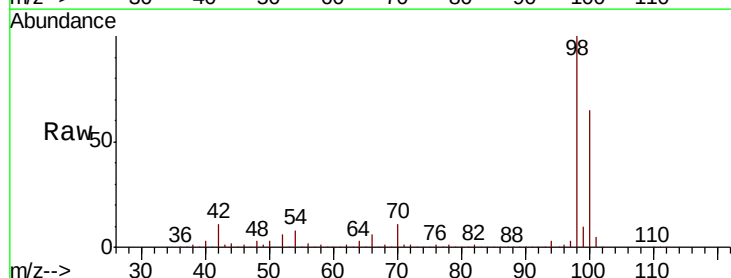
Acq: 04 Oct 2018 11:48

Tgt Ion: 98 Resp: 583266

Ion Ratio Lower Upper

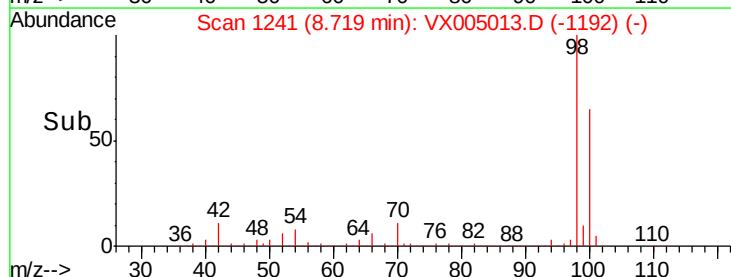
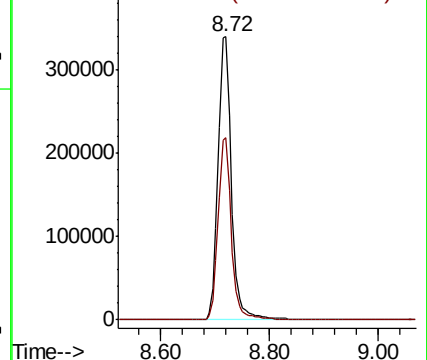
98 100

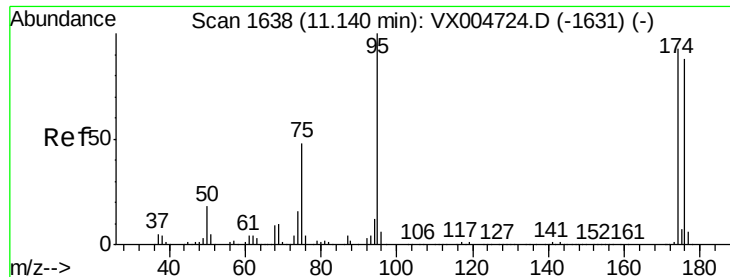
100 64.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

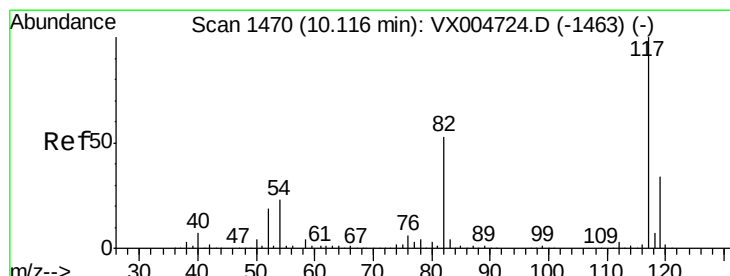
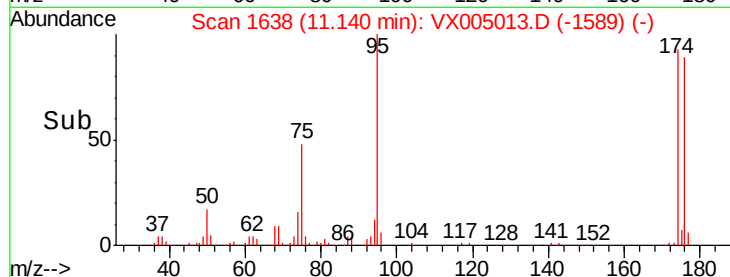
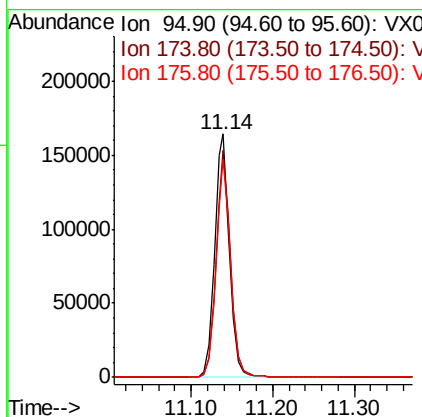
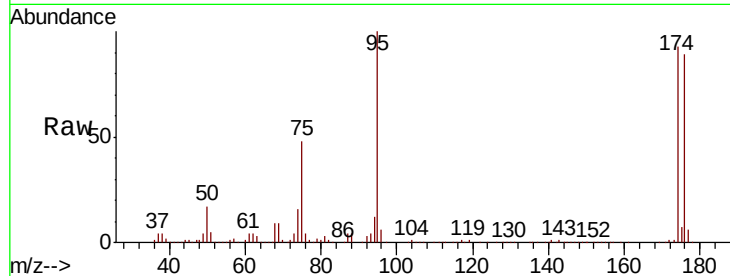




#62
4-Bromofluorobenzene
Concen: 51.134 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

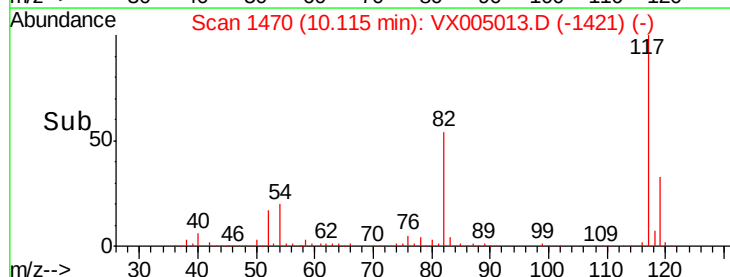
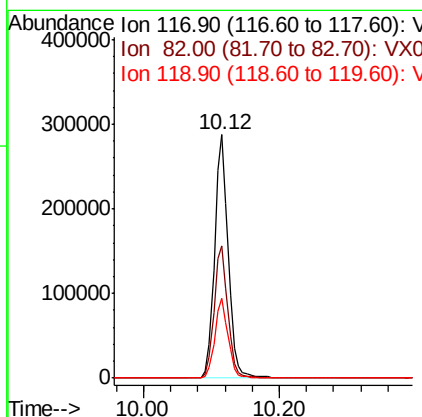
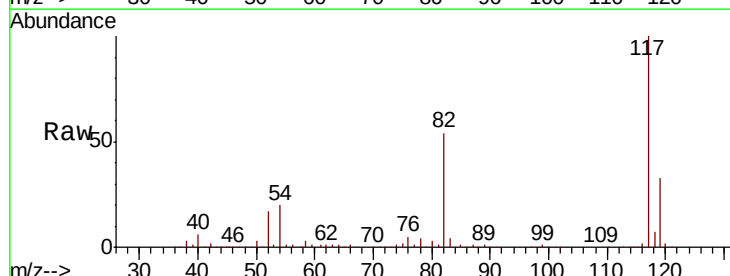
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#05

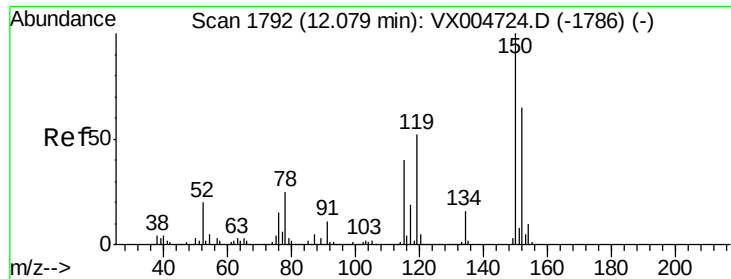
Tot Ion: 95 Resp: 211826
Ion Ratio Lower Upper
95 100
174 90.9 0.0 185.0
176 87.5 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005013.D
Acq: 04 Oct 2018 11:48

Tgt Ion: 117 Resp: 400204
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.4
119 32.5 27.4 41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005013.D

Acq: 04 Oct 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#05

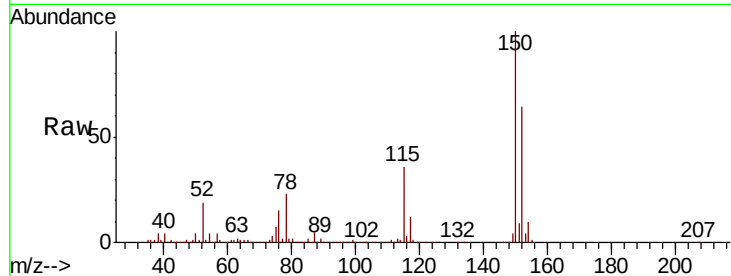
Tot Ion:152 Resp: 216072

Ion Ratio Lower Upper

152 100

115 55.9 40.2 120.6

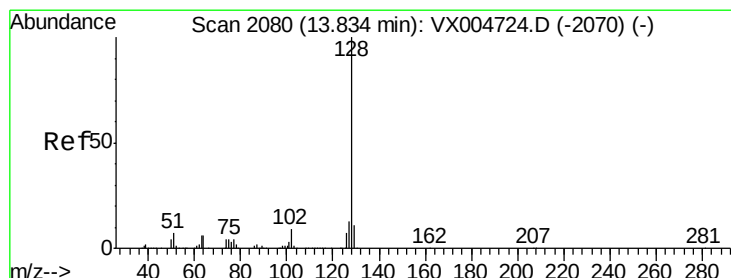
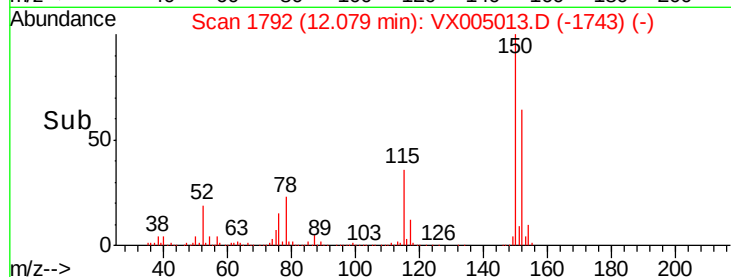
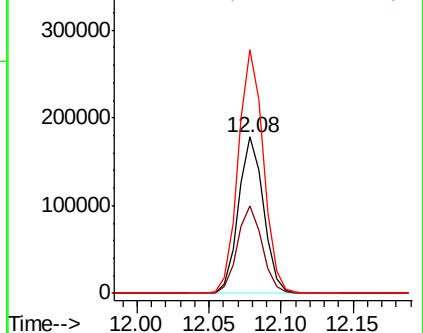
150 156.7 0.0 351.0



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: 6.315 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005013.D

Acq: 04 Oct 2018 11:48

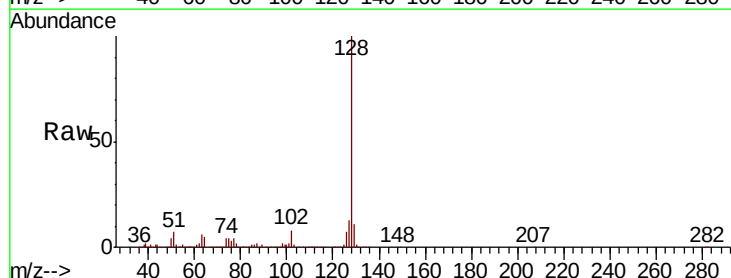
Tgt Ion:128 Resp: 102033

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 11.1 8.7 13.1



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

