

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004641.D
 Acq On : 18 Sep 2018 01:19
 Operator : JC/MD
 Sample : J4936-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 138-KV-2

Quant Time: Sep 18 02:28:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	334052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206734	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	156762	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
35) Dibromofluoromethane	5.51	113	146071	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
50) Toluene-d8	8.71	98	465169	45.38	ug/l	0.00
Spiked Amount			Recovery	=	90.76%	
62) 4-Bromofluorobenzene	11.14	95	160909	43.97	ug/l	0.00
Spiked Amount			Recovery	=	87.94%	

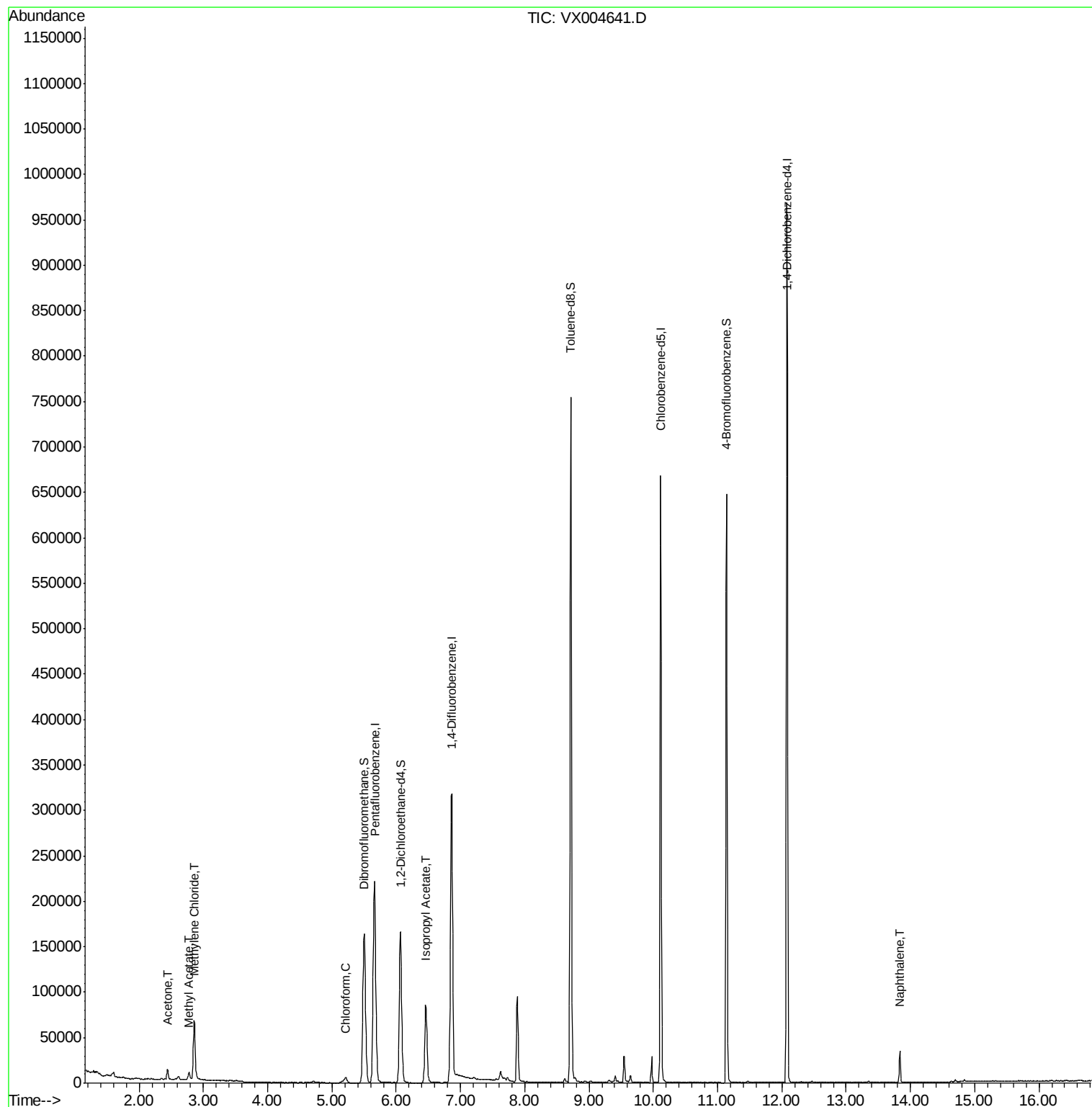
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	11753	8.00	ug/l	95
18) Methyl Acetate	2.78	43	9962	2.42	ug/l	97
20) Methylene Chloride	2.86	84	31997	10.62	ug/l	93
30) Chloroform	5.21	83	6507	1.31	ug/l	91
43) Isopropyl Acetate	6.46	43	106697	17.42	ug/l	99
95) Naphthalene	13.83	128	22898	1.62	ug/l	99

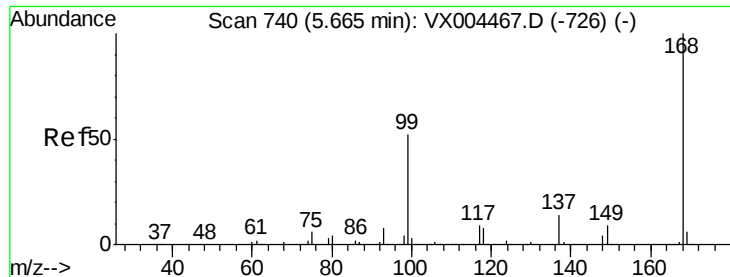
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004641.D

Acq: 18 Sep 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

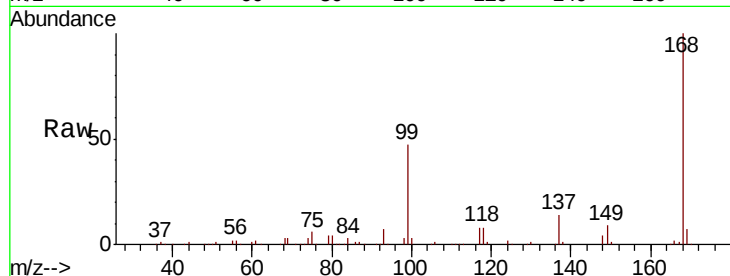
138-KV-2

Tot Ion:168 Resp: 233308

Ion Ratio Lower Upper

168 100

99 47.4 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

80000

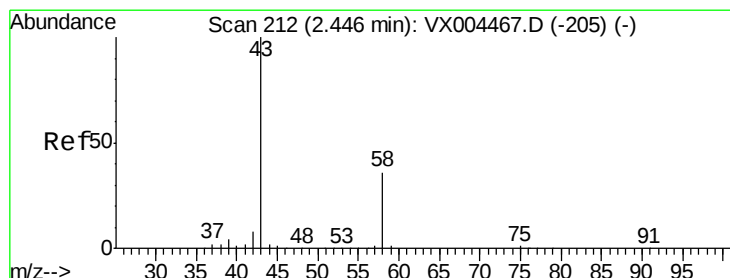
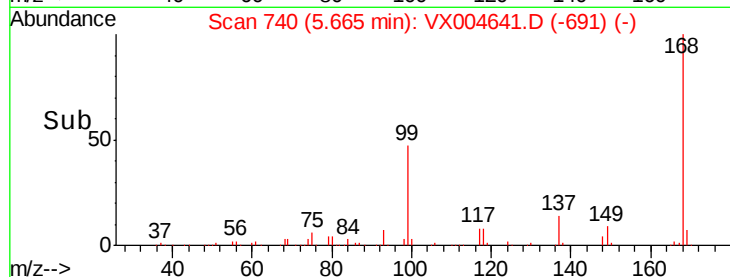
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.00 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004641.D

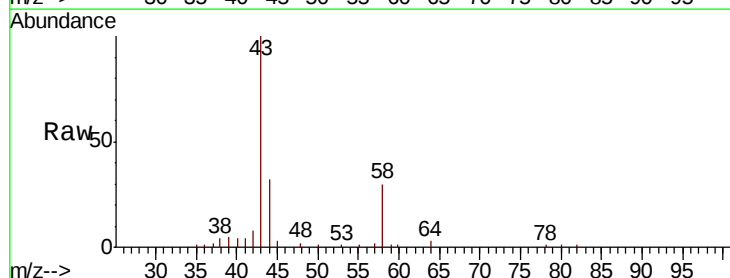
Acq: 18 Sep 2018 01:19

Tgt Ion: 43 Resp: 11753

Ion Ratio Lower Upper

43 100

58 30.2 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

8000

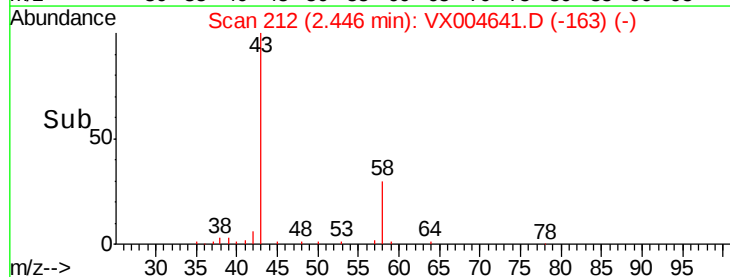
6000

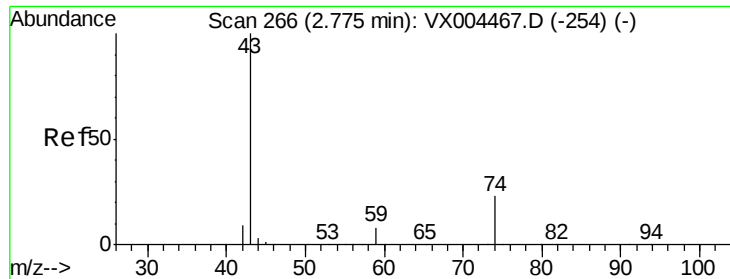
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

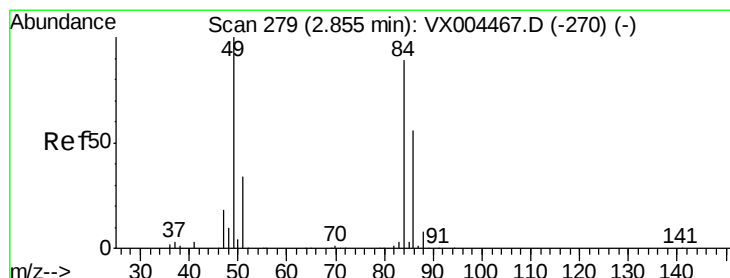
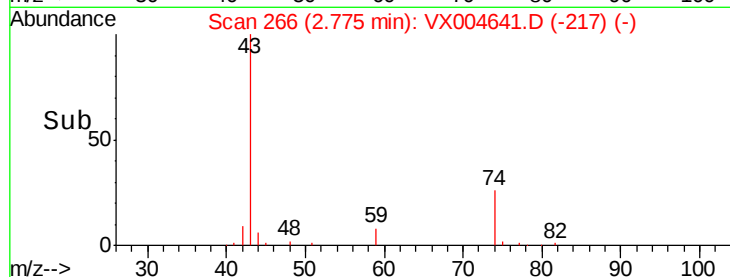
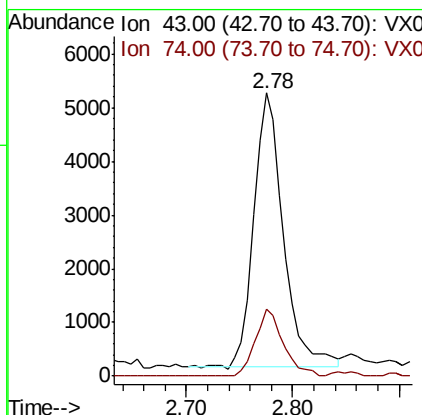
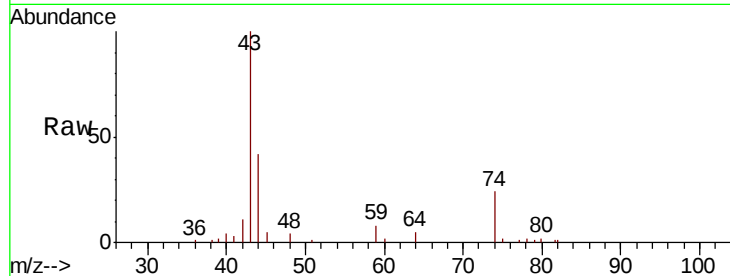




#18
Methyl Acetate
Concen: 2.42 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

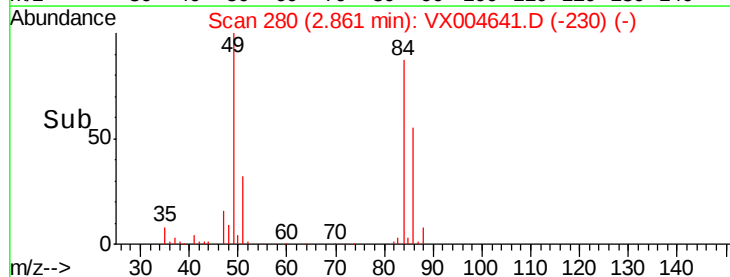
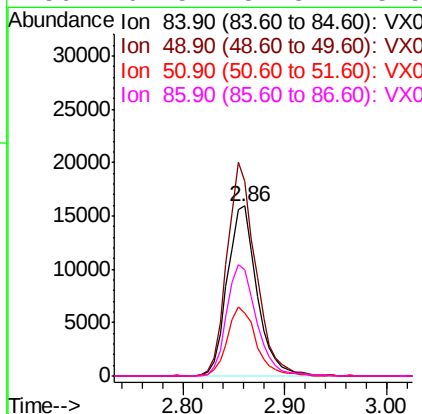
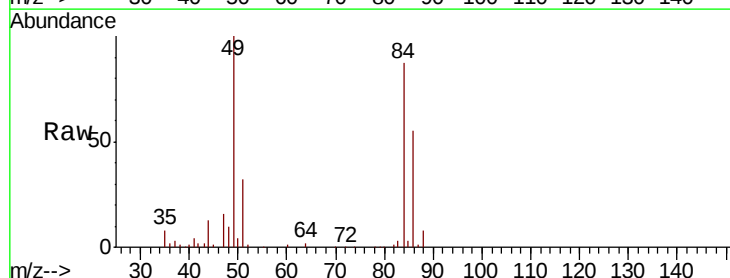
Instrument :
MSVOA_X
ClientSampleId :
138-KV-2

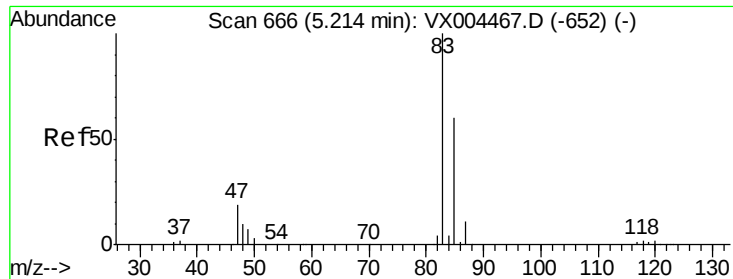
Tot Ion: 43 Resp: 9962
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2



#20
Methylene Chloride
Concen: 10.62 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

Tgt Ion: 84 Resp: 31997
Ion Ratio Lower Upper
84 100
49 114.4 101.2 151.8
51 36.9 29.5 44.3
86 62.5 52.3 78.5

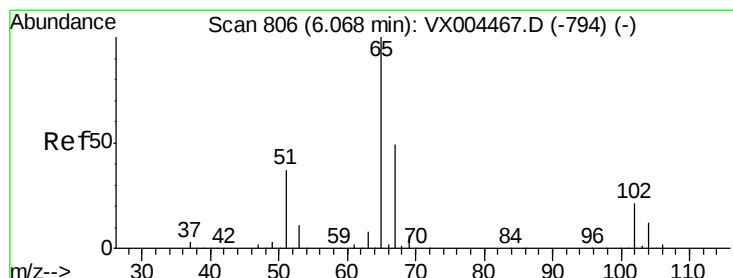
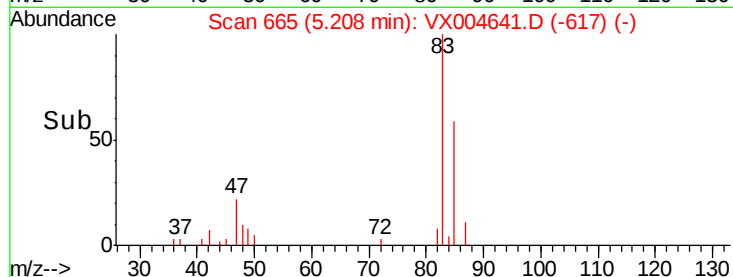
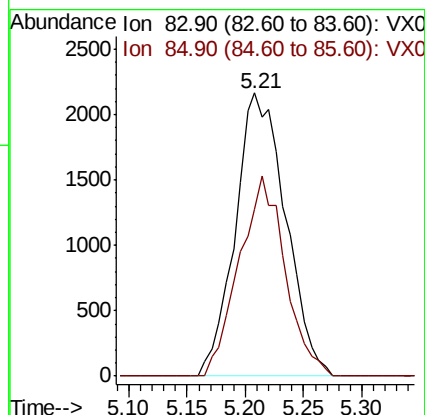
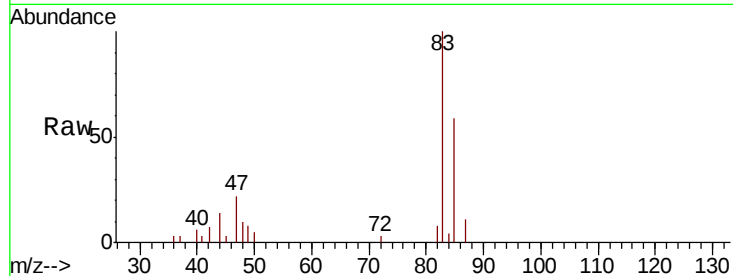




#30
Chloroform
Concen: 1.31 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

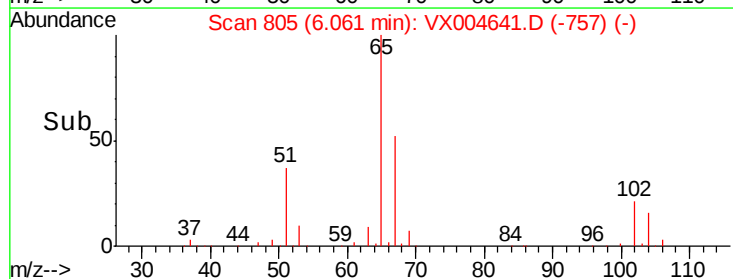
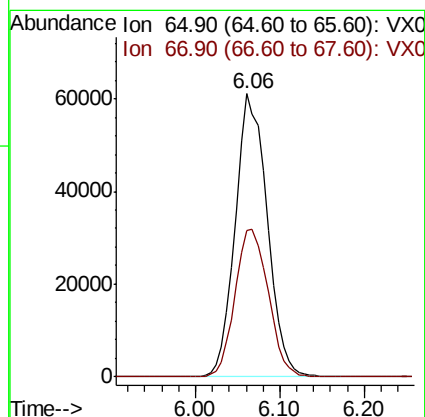
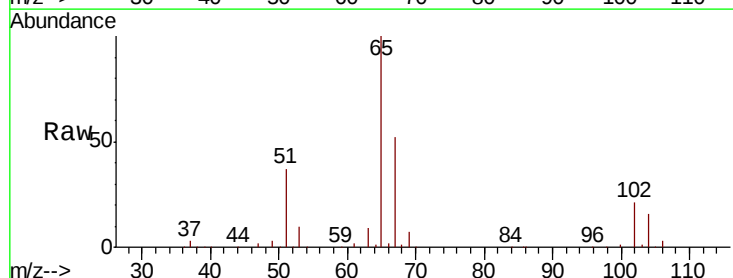
Instrument :
MSVOA_X
ClientSampleId :
138-KV-2

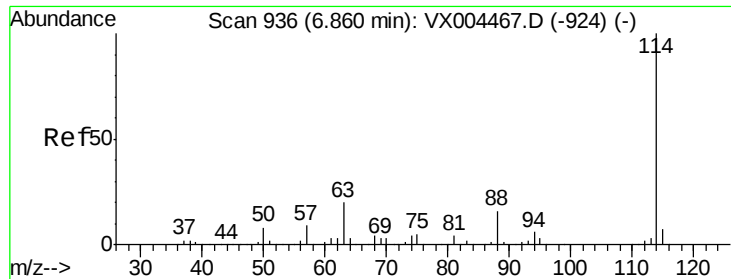
Tot Ion: 83 Resp: 6507
Ion Ratio Lower Upper
83 100
85 58.9 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 52.11 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004641.D
Acq: 18 Sep 2018 01:19

Tgt Ion: 65 Resp: 156762
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.8

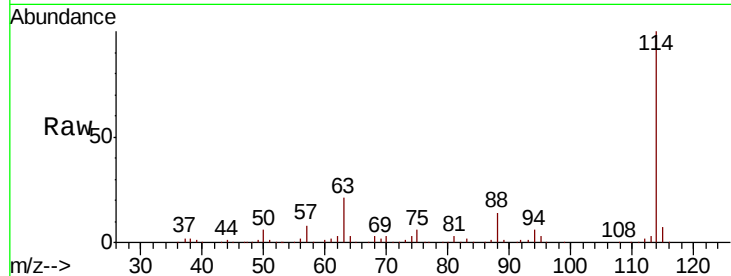




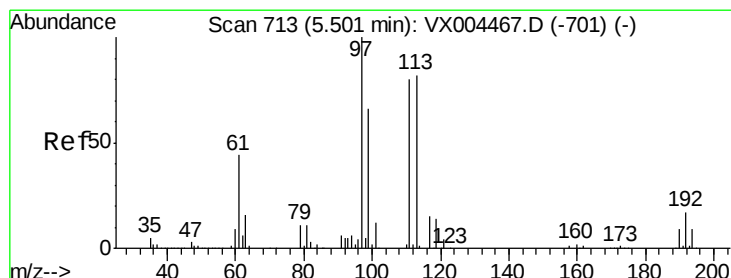
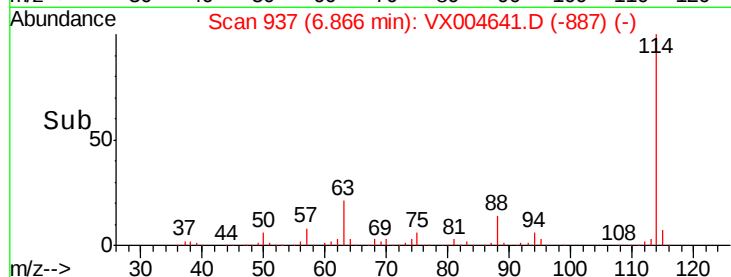
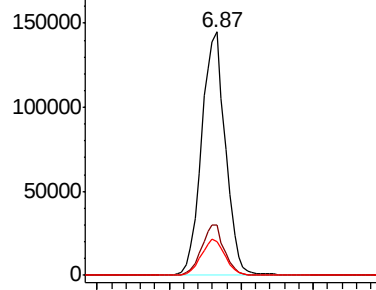
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004641.D
 Acq: 18 Sep 2018 01:19

Instrument :
 MSVOA_X
 ClientSampleId :
 138-KV-2

Tot Ion:114 Resp: 334052
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.0
 88 14.0 0.0 30.4

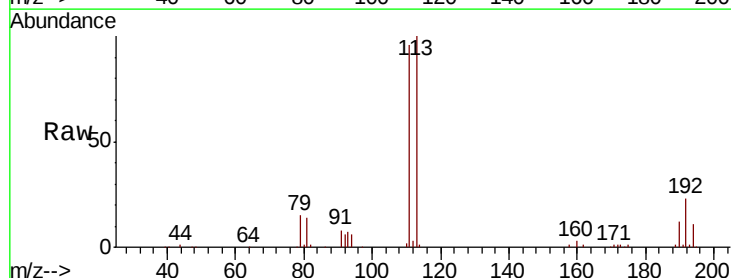


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

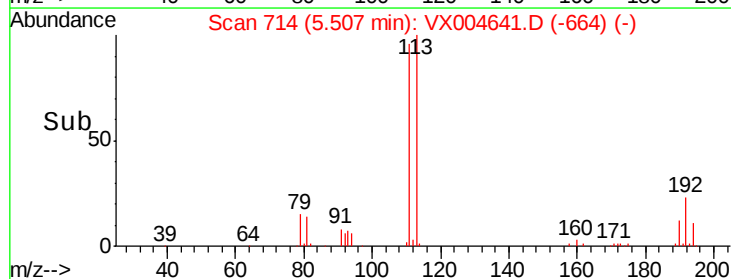
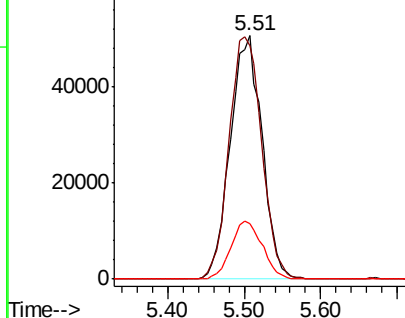


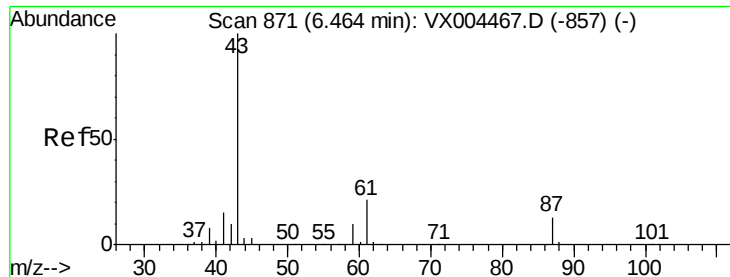
#35
 Dibromofluoromethane
 Concen: 47.78 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004641.D
 Acq: 18 Sep 2018 01:19

Tgt Ion:113 Resp: 146071
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 23.6 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: 17.42 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004641.D

Acq: 18 Sep 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

138-KV-2

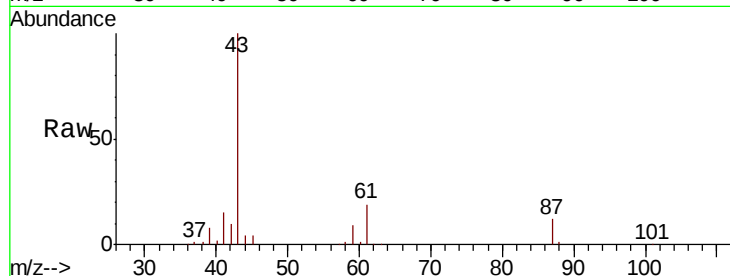
Tot Ion: 43 Resp: 106697

Ion Ratio Lower Upper

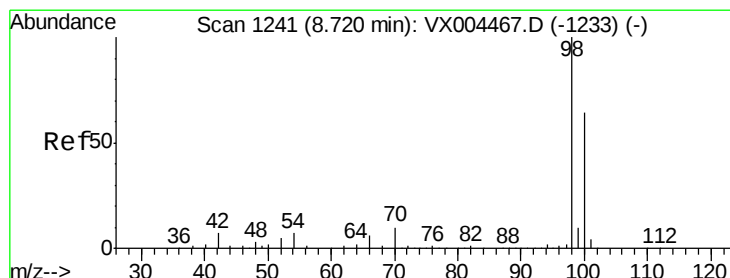
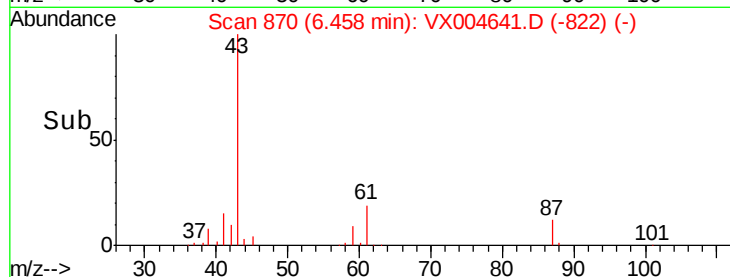
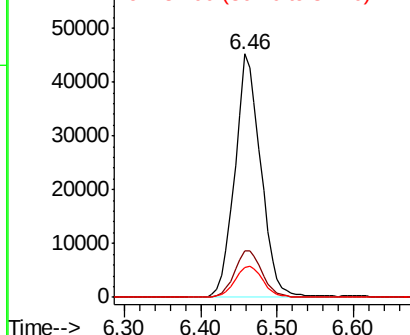
43 100

61 20.5 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: 45.38 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004641.D

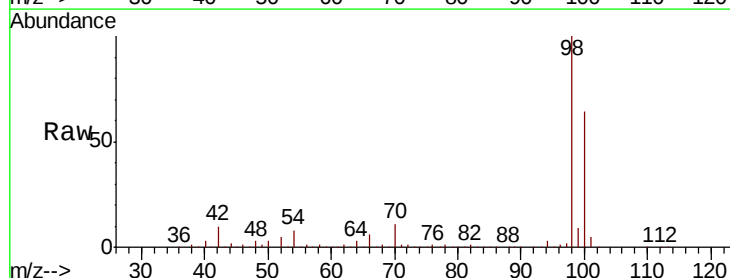
Acq: 18 Sep 2018 01:19

Tgt Ion: 98 Resp: 465169

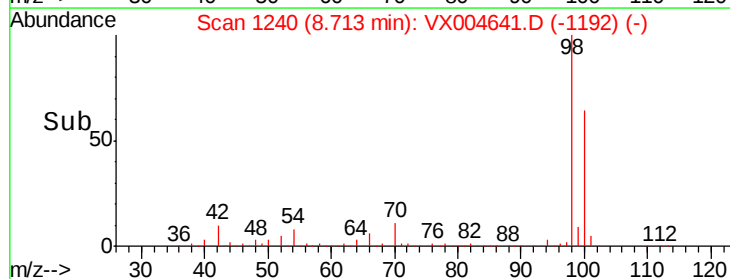
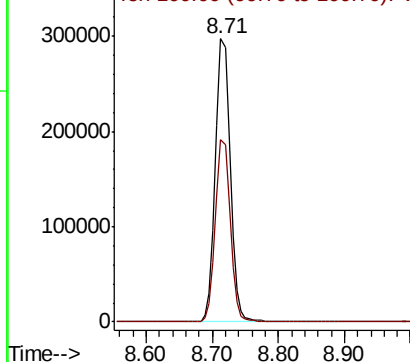
Ion Ratio Lower Upper

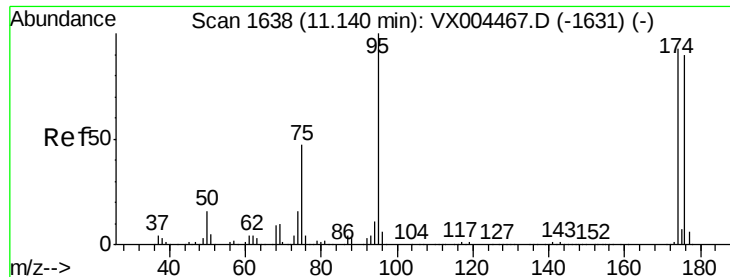
98 100

100 64.3 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: 43.97 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004641.D

Acq: 18 Sep 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

138-KV-2

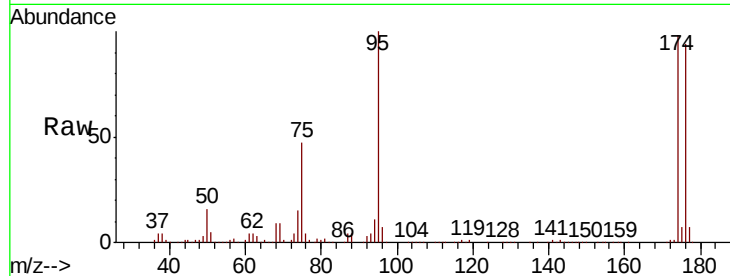
Tot Ion: 95 Resp: 160909

Ion Ratio Lower Upper

95 100

174 95.9 0.0 185.2

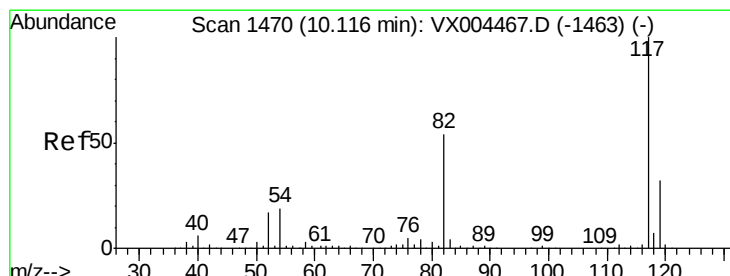
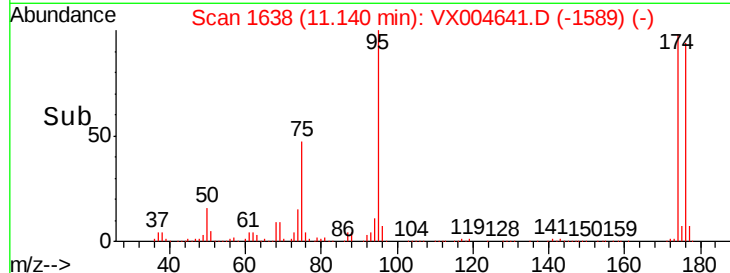
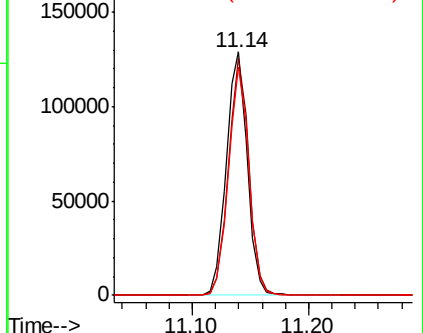
176 92.1 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004641.D

Acq: 18 Sep 2018 01:19

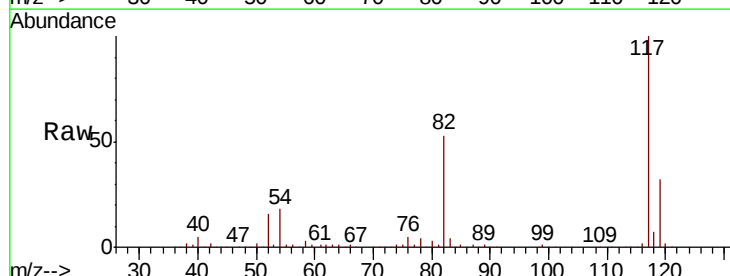
Tgt Ion: 117 Resp: 317287

Ion Ratio Lower Upper

117 100

82 52.8 47.8 71.6

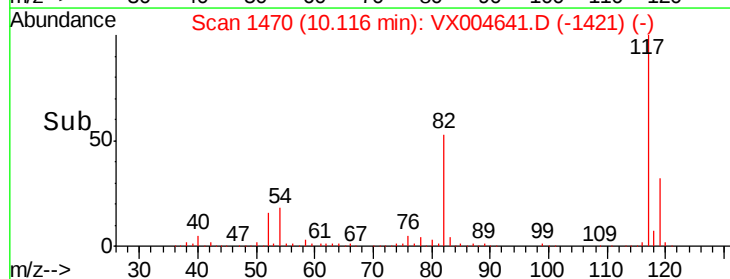
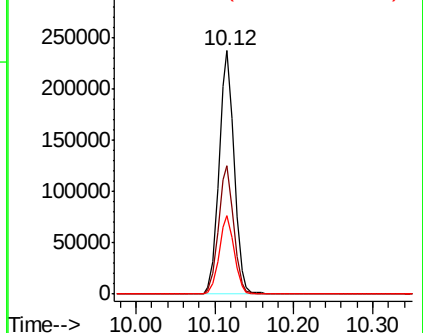
119 32.3 29.3 43.9

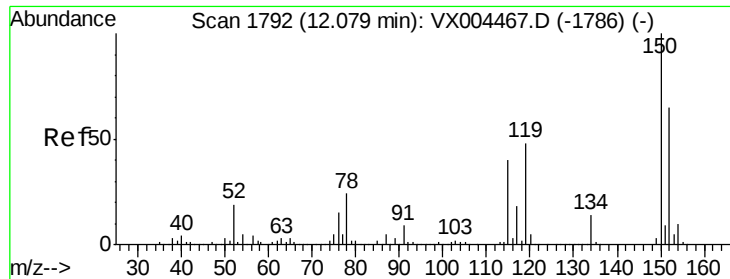


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004641.D

Acq: 18 Sep 2018 01:19

Instrument :

MSVOA_X

ClientSampleId :

138-KV-2

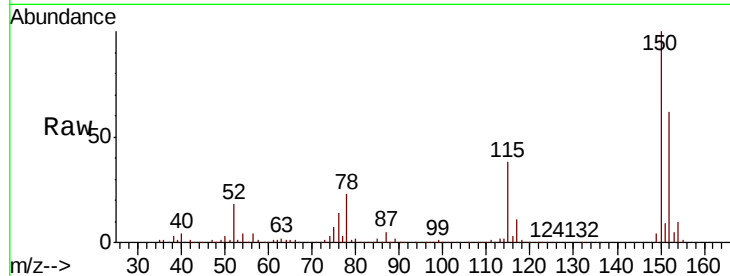
Tot Ion:152 Resp: 206734

Ion Ratio Lower Upper

152 100

115 56.0 39.0 117.0

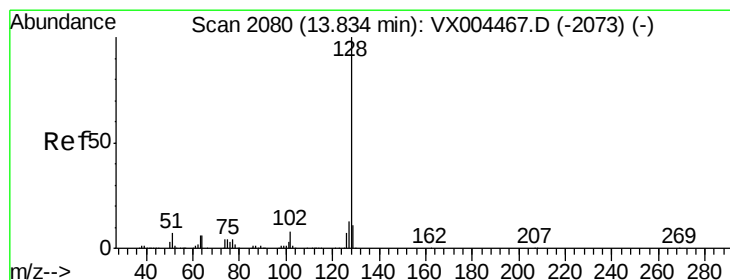
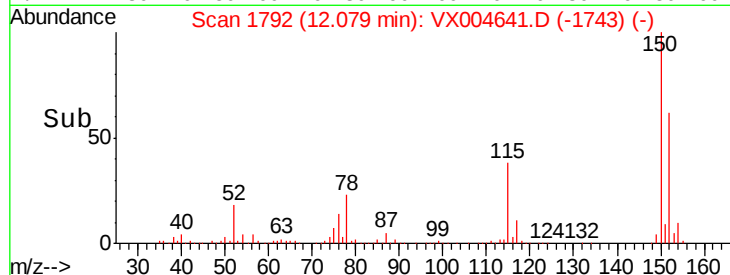
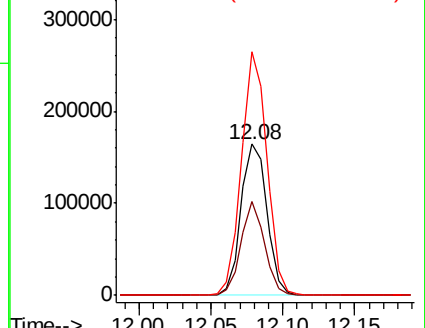
150 157.9 0.0 351.0



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: 1.62 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004641.D

Acq: 18 Sep 2018 01:19

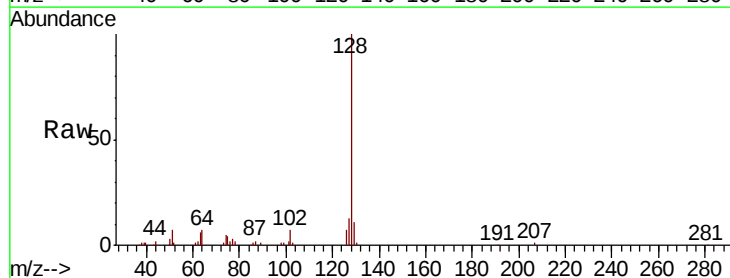
Tgt Ion:128 Resp: 22898

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.0 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

