

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005696.D
 Acq On : 30 Oct 2018 17:14
 Operator : JC/MD
 Sample : J5194-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-102618-A

Quant Time: Oct 31 02:04:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

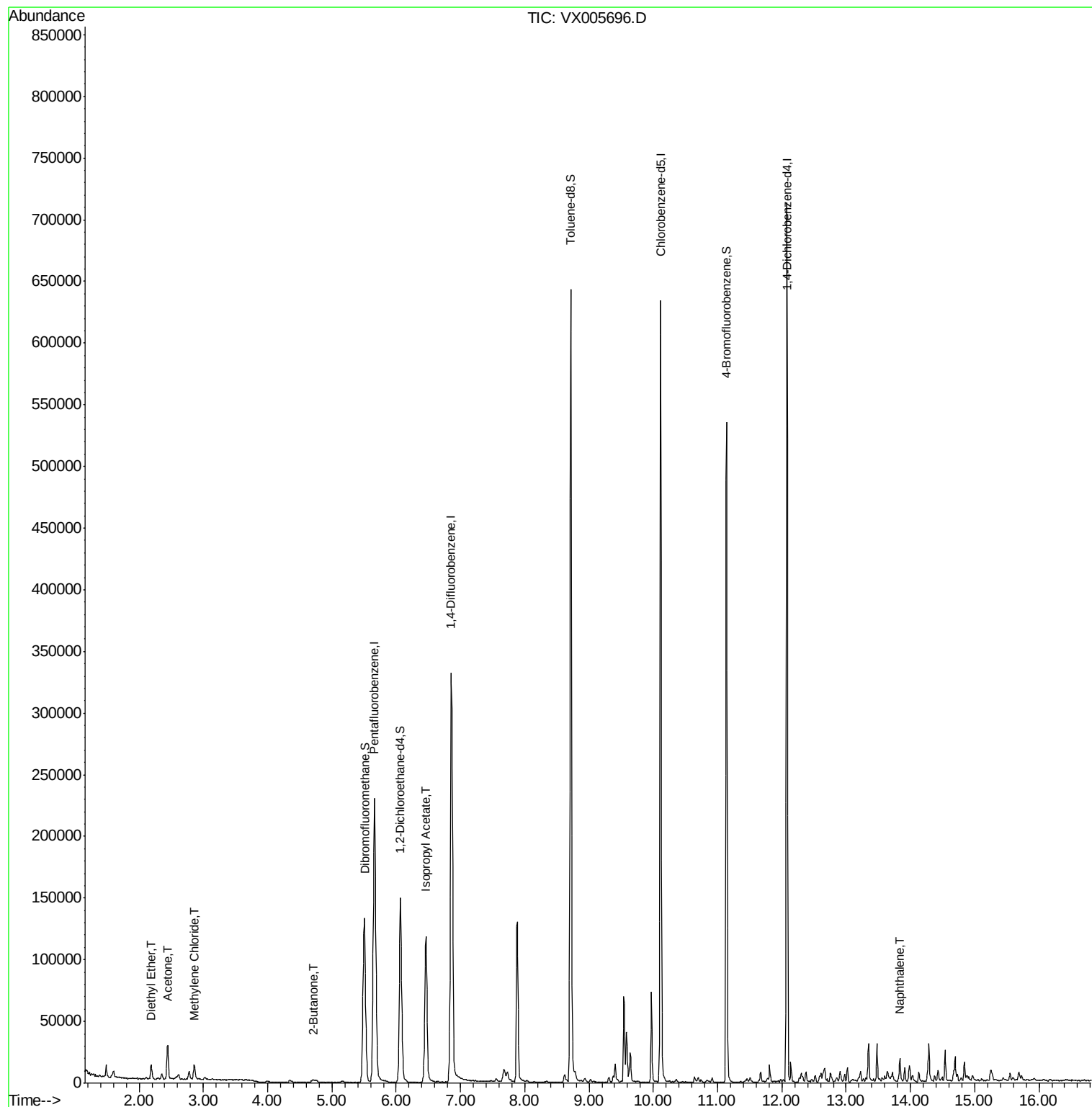
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	229469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	346385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	141374	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	5.50	113	108696	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
50) Toluene-d8	8.71	98	398519	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.14	95	133702	42.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.02%	
Target Compounds						
8) Diethyl Ether	2.19	74	3591	2.28	ug/l	96
16) Acetone	2.45	43	30675	20.72	ug/l	99
20) Methylene Chloride	2.86	84	5007	2.02	ug/l	93
25) 2-Butanone	4.70	43	3835	1.70	ug/l #	87
43) Isopropyl Acetate	6.46	43	153871	23.94	ug/l	98
95) Naphthalene	13.83	128	10908	1.09	ug/l	98

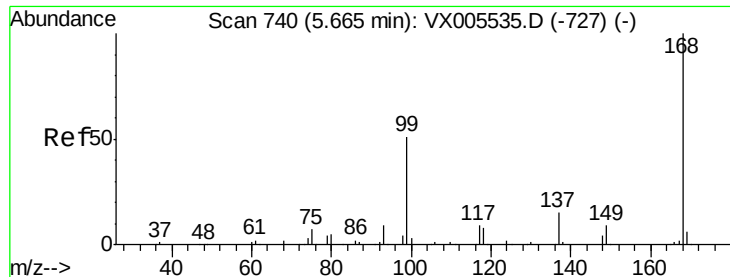
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
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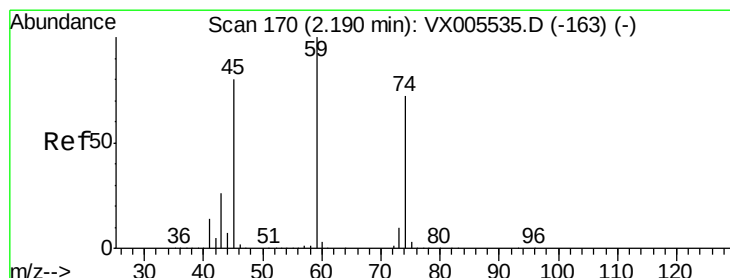
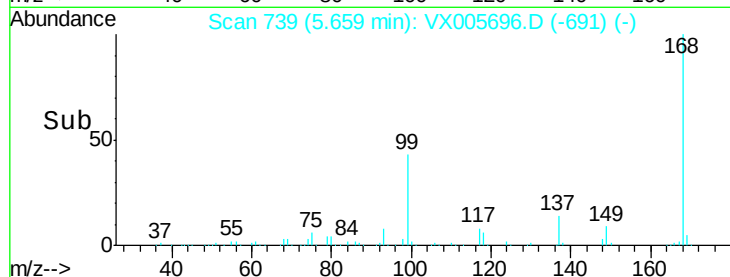
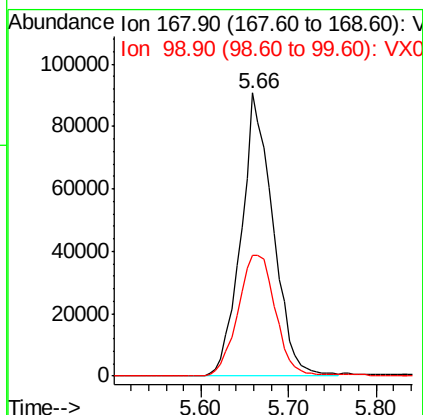
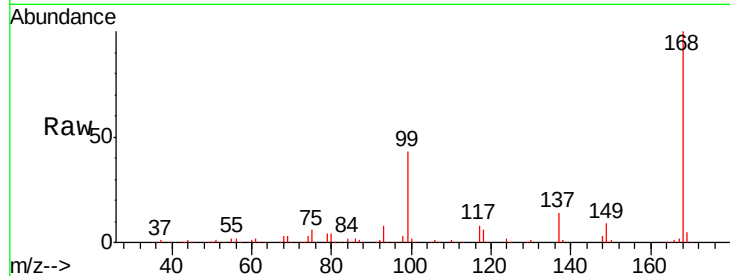




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005696.D
Acq: 30 Oct 2018 17:14

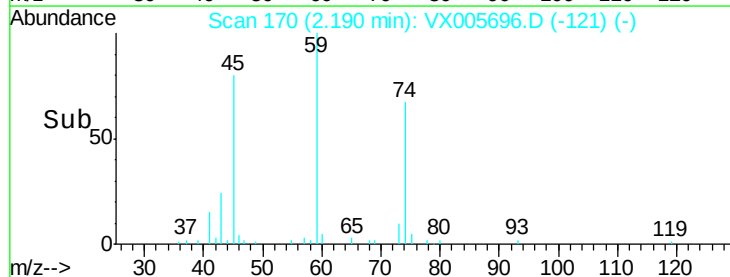
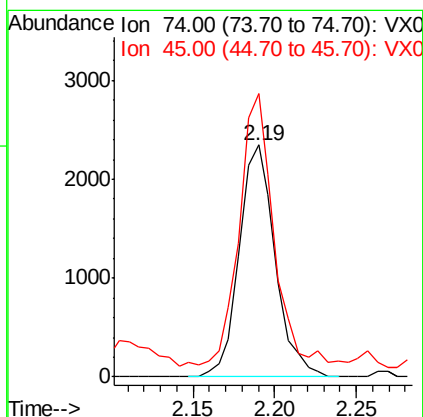
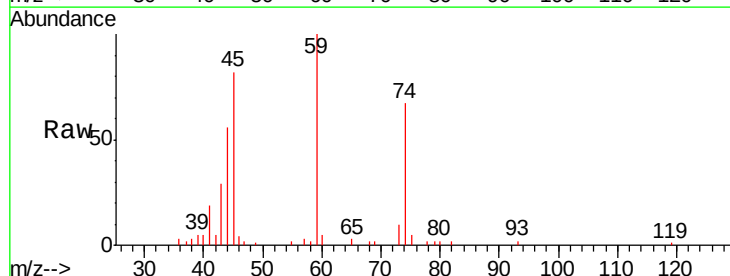
Instrument :
MSVOA_X
ClientSampleId :
HR-05-102618-A

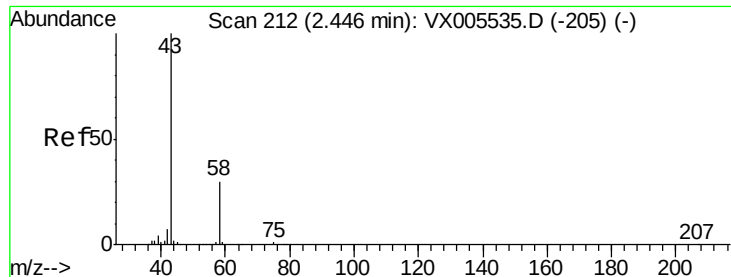
Tgt Ion:168 Resp: 229469
Ion Ratio Lower Upper
168 100
99 42.5 40.7 61.1



#8
Diethyl Ether
Concen: 2.28 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005696.D
Acq: 30 Oct 2018 17:14

Tgt Ion: 74 Resp: 3591
Ion Ratio Lower Upper
74 100
45 112.1 54.1 162.3





#16

Acetone

Concen: 20.72 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005696.D

Acq: 30 Oct 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

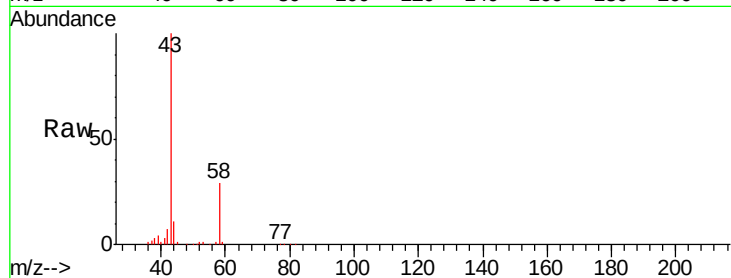
HR-05-102618-A

Tgt Ion: 43 Resp: 30675

Ion Ratio Lower Upper

43 100

58 29.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

15000

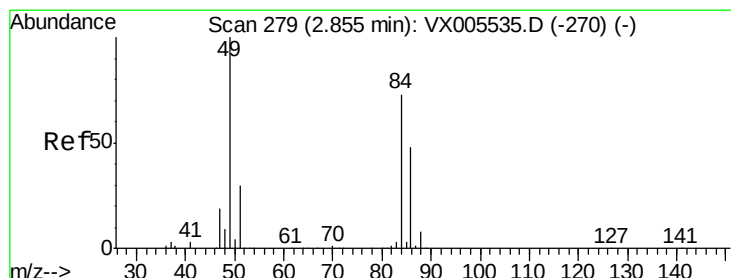
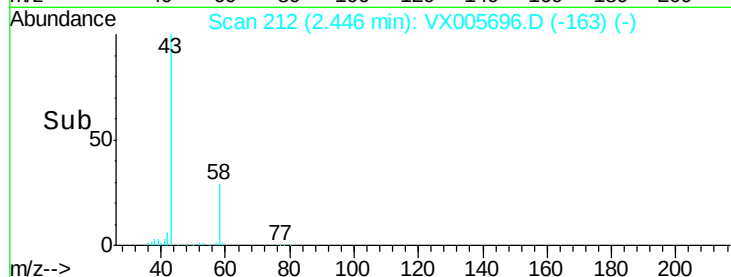
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

2.45



#20

Methylene Chloride

Concen: 2.02 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005696.D

Acq: 30 Oct 2018 17:14

Tgt Ion: 84 Resp: 5007

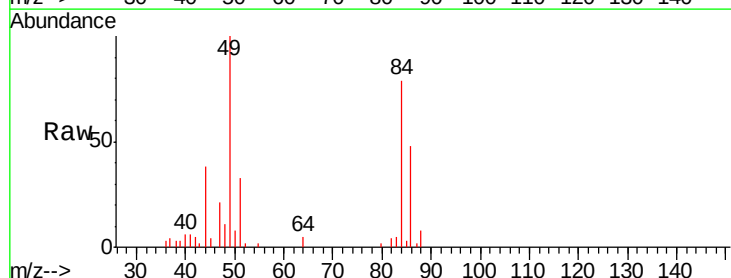
Ion Ratio Lower Upper

84 100

49 126.4 109.5 164.3

51 40.1 33.3 49.9

86 60.4 52.7 79.1



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

5000

4000

3000

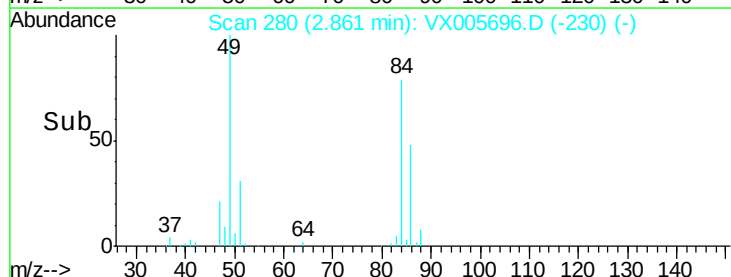
2000

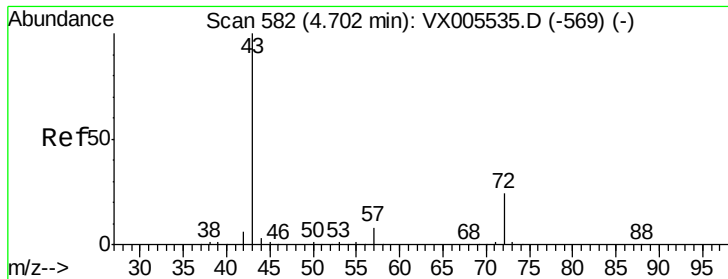
1000

0

Time--> 2.80 2.85 2.90

2.86





#25

2-Butanone

Concen: 1.70 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005696.D

Acq: 30 Oct 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

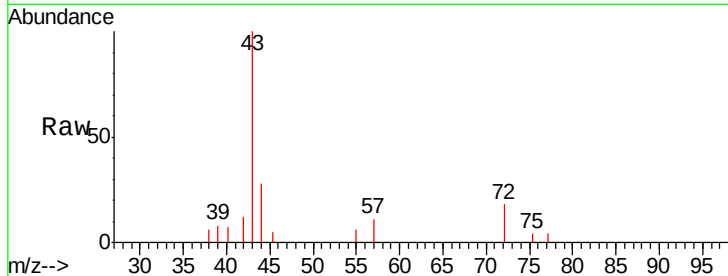
HR-05-102618-A

Tgt Ion: 43 Resp: 3835

Ion Ratio Lower Upper

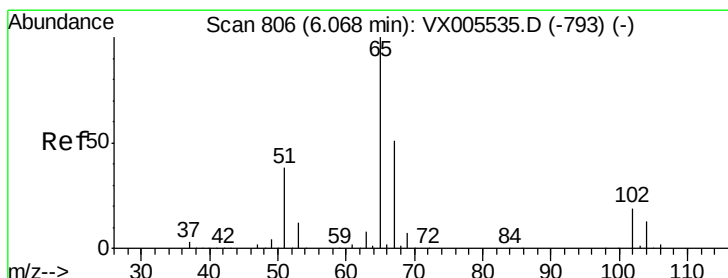
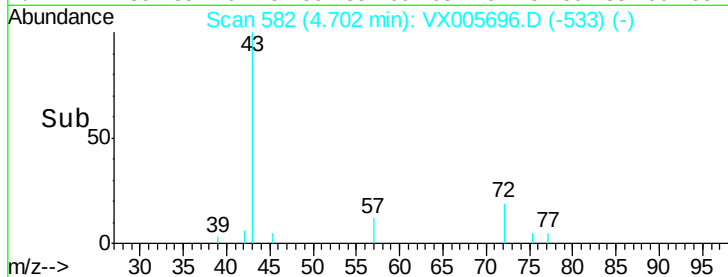
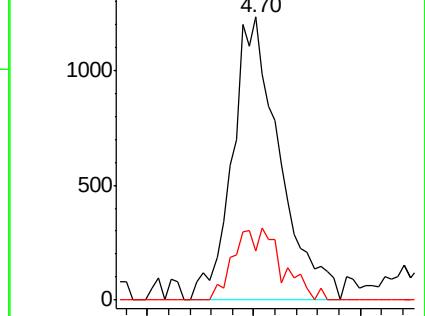
43 100

72 17.5 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.47 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005696.D

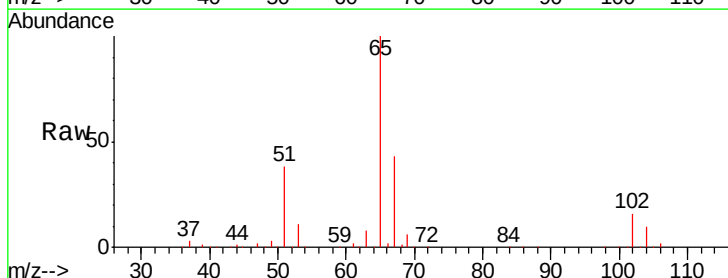
Acq: 30 Oct 2018 17:14

Tgt Ion: 65 Resp: 141374

Ion Ratio Lower Upper

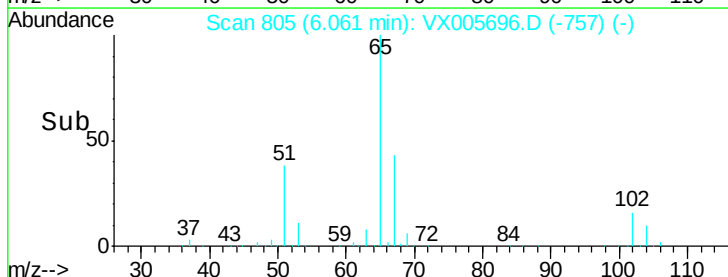
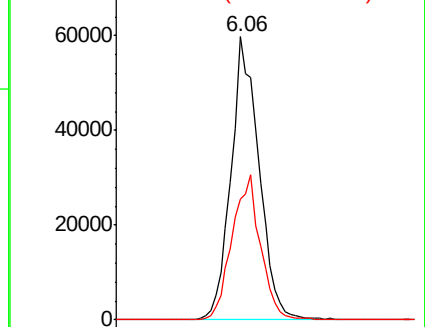
65 100

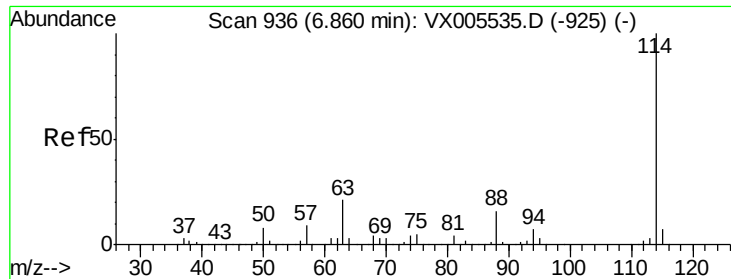
67 52.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

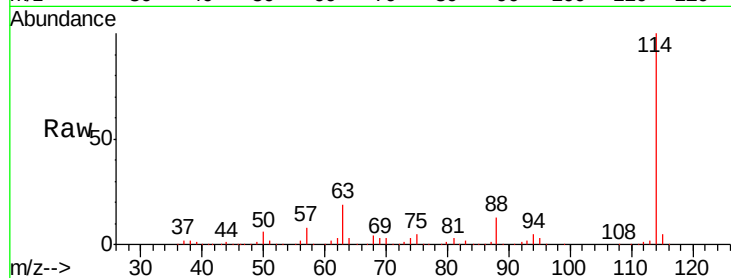




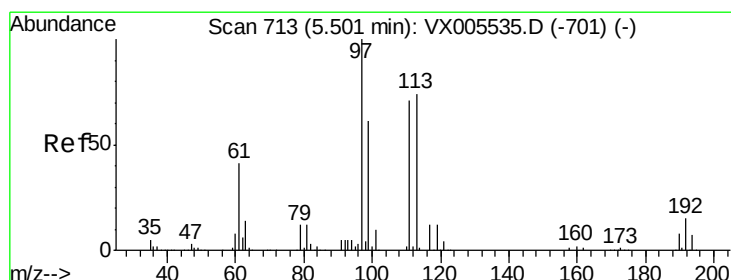
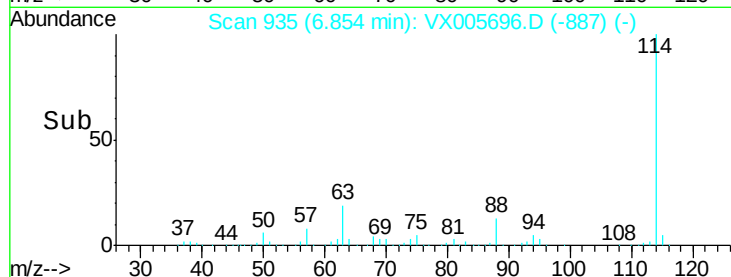
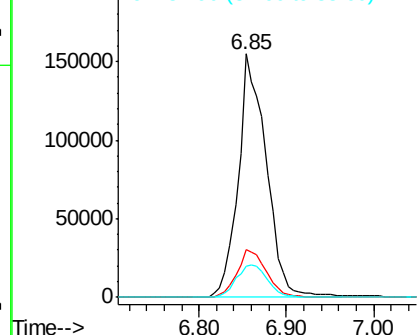
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX005696.D
Acq: 30 Oct 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
HR-05-102618-A

Tgt Ion:114 Resp: 346385
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.8
88 12.8 0.0 31.2

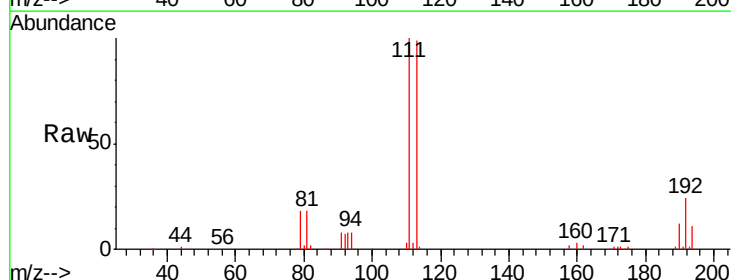


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

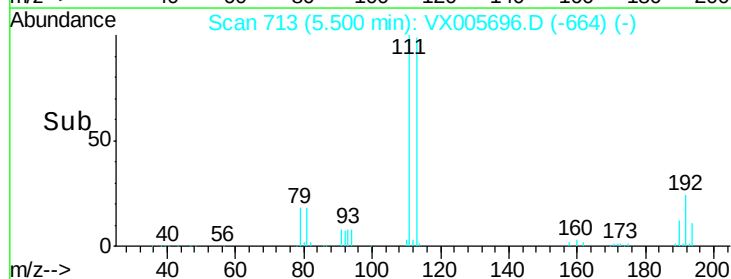
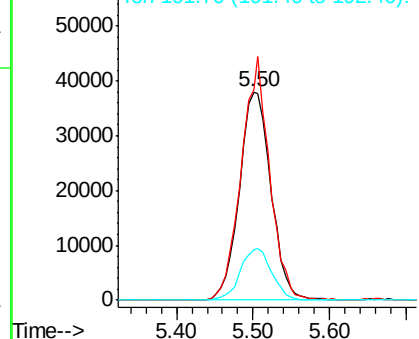


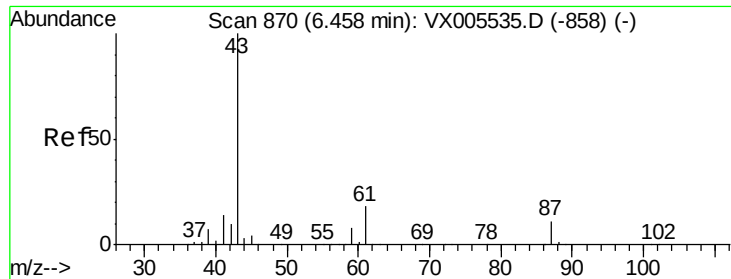
#35
Dibromofluoromethane
Concen: 46.34 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005696.D
Acq: 30 Oct 2018 17:14

Tgt Ion:113 Resp: 108696
Ion Ratio Lower Upper
113 100
111 104.8 82.3 123.5
192 24.7 17.9 26.9



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: 23.94 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005696.D

Acq: 30 Oct 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

HR-05-102618-A

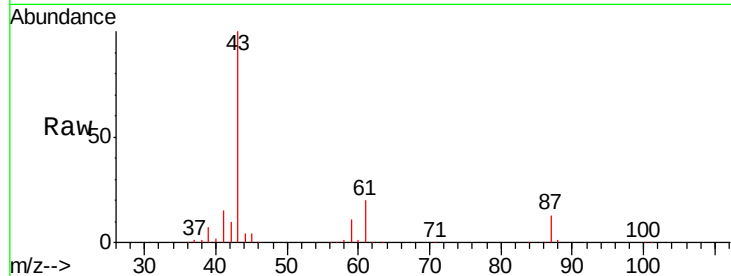
Tgt Ion: 43 Resp: 153871

Ion Ratio Lower Upper

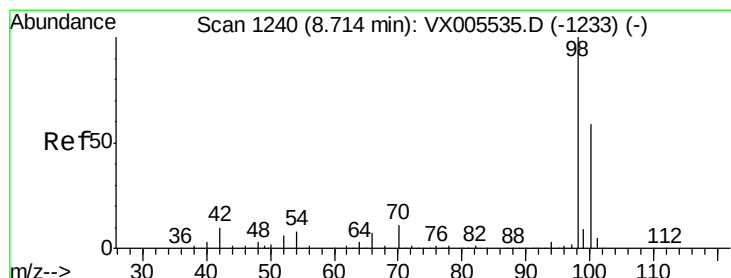
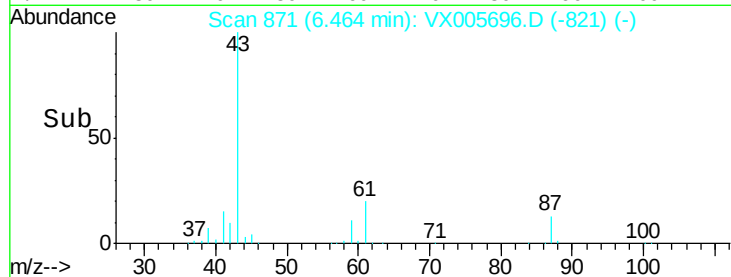
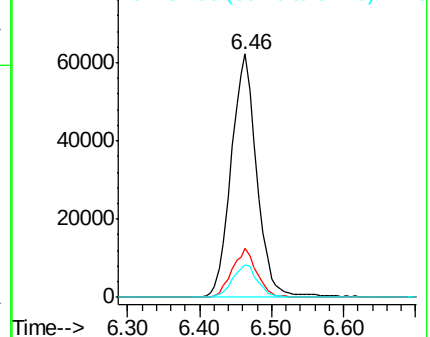
43 100

61 19.2 14.6 22.0

87 13.0 9.6 14.4



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: 47.29 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005696.D

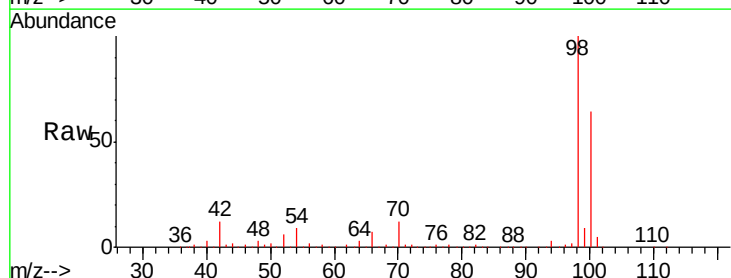
Acq: 30 Oct 2018 17:14

Tgt Ion: 98 Resp: 398519

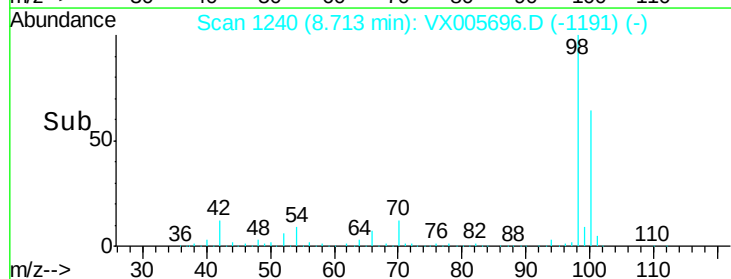
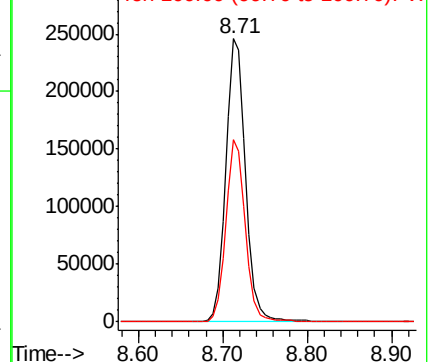
Ion Ratio Lower Upper

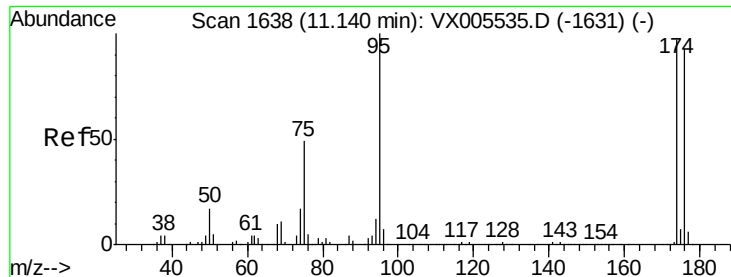
98 100

100 63.4 51.3 76.9



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





#62

4-Bromofluorobenzene

Concen: 42.01 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005696.D

Acq: 30 Oct 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

HR-05-102618-A

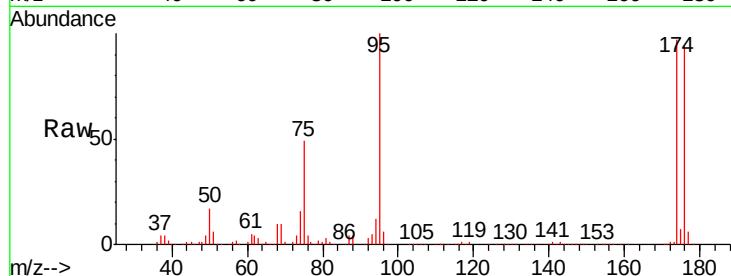
Tgt Ion: 95 Resp: 133702

Ion Ratio Lower Upper

95 100

174 93.4 0.0 184.4

176 89.7 0.0 177.4

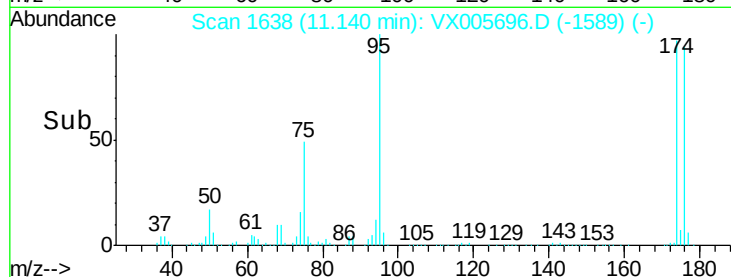


Abundance Ion 94.90 (94.60 to 95.60): VX005535.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005535.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005535.D (-1631) (-)

Time-->

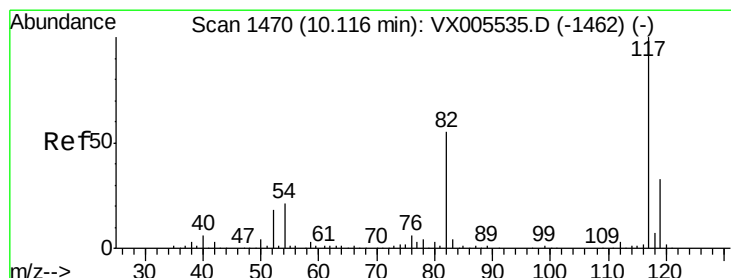


Abundance Ion 94.90 (94.60 to 95.60): VX005696.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005696.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005696.D (-1589) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005696.D

Acq: 30 Oct 2018 17:14

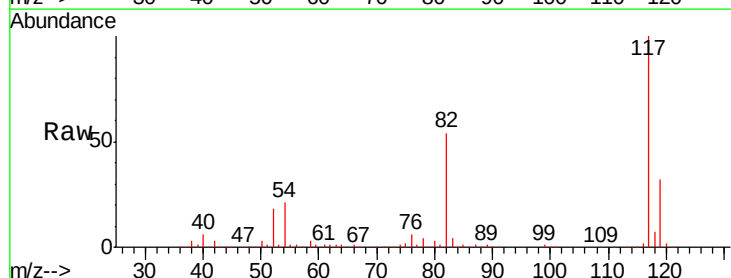
Tgt Ion: 117 Resp: 300962

Ion Ratio Lower Upper

117 100

82 54.4 44.1 66.1

119 32.3 26.2 39.2

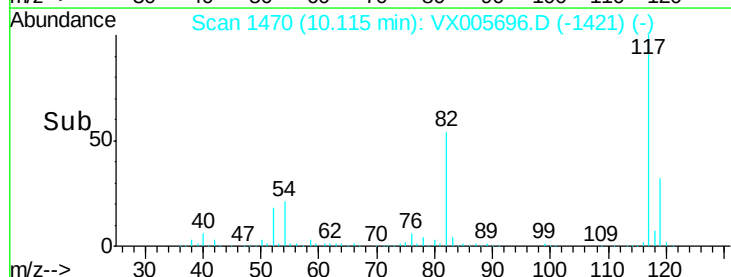


Abundance Ion 116.90 (116.60 to 117.60): VX005535.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005535.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005535.D (-1462) (-)

Time-->

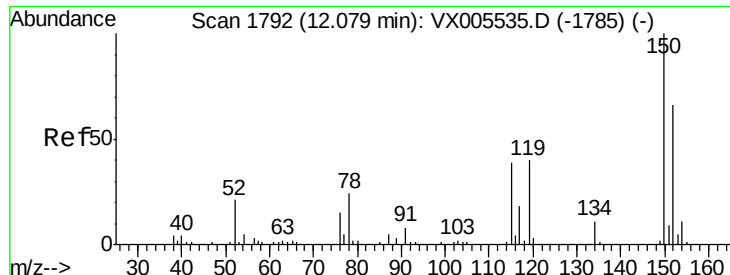


Abundance Ion 116.90 (116.60 to 117.60): VX005696.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005696.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005696.D (-1421) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005696.D

Acq: 30 Oct 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

HR-05-102618-A

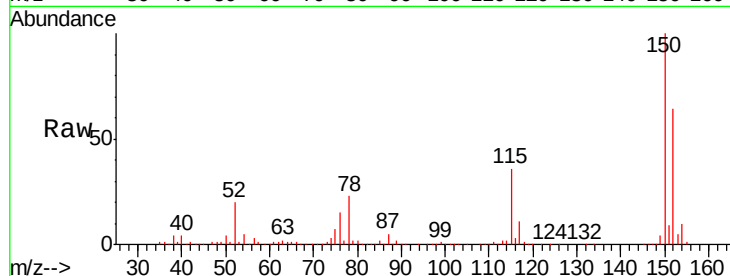
Tgt Ion:152 Resp: 146342

Ion Ratio Lower Upper

152 100

115 54.9 39.4 118.1

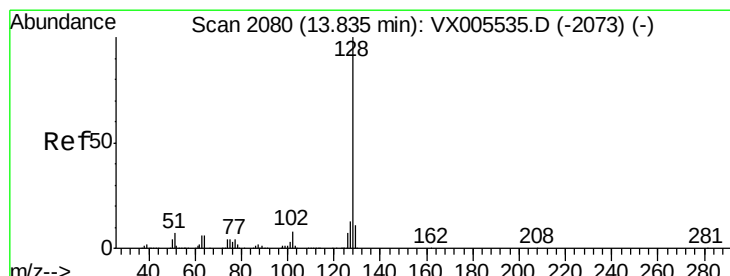
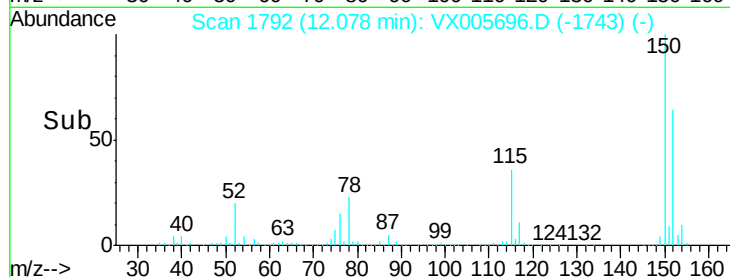
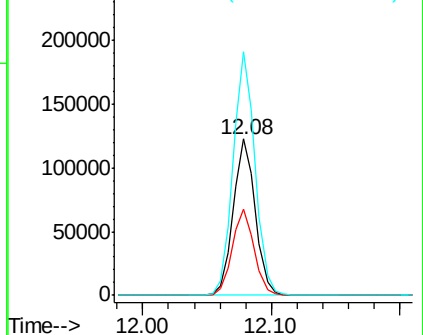
150 155.5 0.0 346.4



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: 1.09 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005696.D

Acq: 30 Oct 2018 17:14

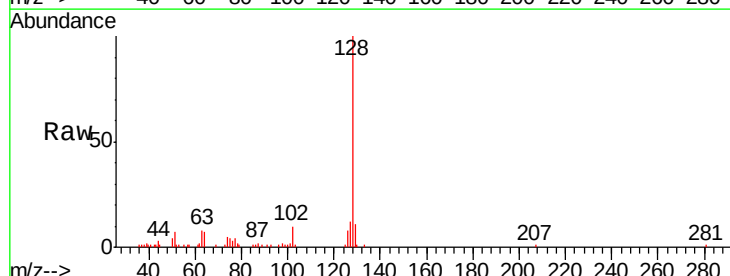
Tgt Ion:128 Resp: 10908

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

129 11.6 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

