

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007205.D
 Acq On : 24 Jan 2019 15:55
 Operator : JC/SP
 Sample : K1016-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-05-RO-2-012319

Quant Time: Jan 25 02:12:06 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

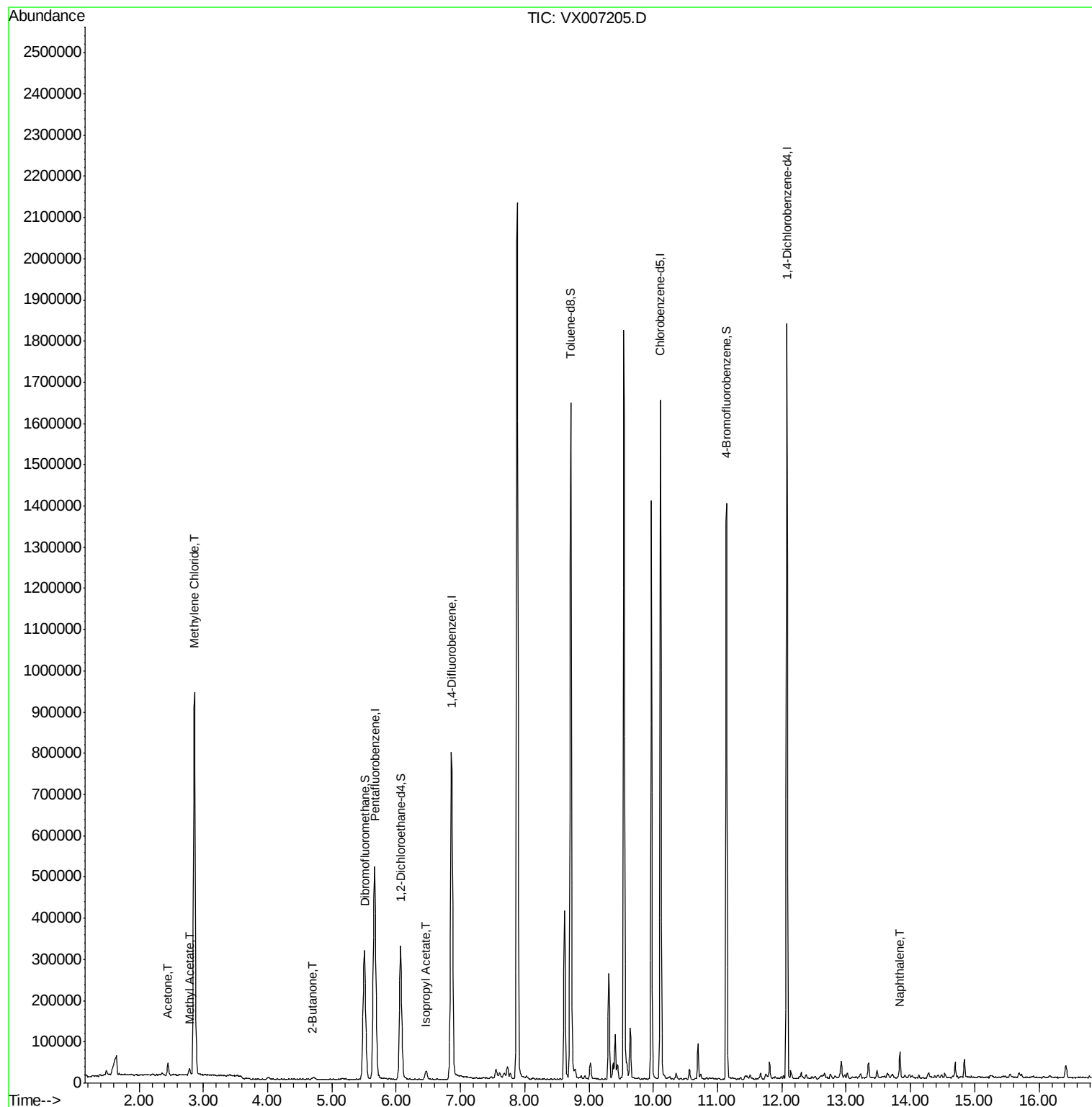
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	545294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	849736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	800309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	385161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	297606	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
35) Dibromofluoromethane	5.50	113	265068	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	1021374	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.14	95	355690	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
Target Compounds						
16) Acetone	2.45	43	30000	10.649	ug/l	97
18) Methyl Acetate	2.78	43	19111	2.342	ug/l	93
20) Methylene Chloride	2.86	84	438219	82.144	ug/l	95
25) 2-Butanone	4.71	43	7175	1.780	ug/l	96
43) Isopropyl Acetate	6.46	43	28681	2.296	ug/l	98
95) Naphthalene	13.83	128	39632	1.428	ug/l	97

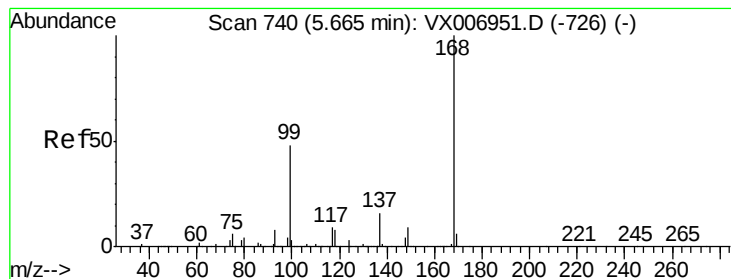
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012419\
Data File : VX007205.D
Acq On : 24 Jan 2019 15:55
Operator : JC/SP
Sample : K1016-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TR-05-RO-2-012319

Quant Time: Jan 25 02:12:06 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: VX007205.D

Acq: 24 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

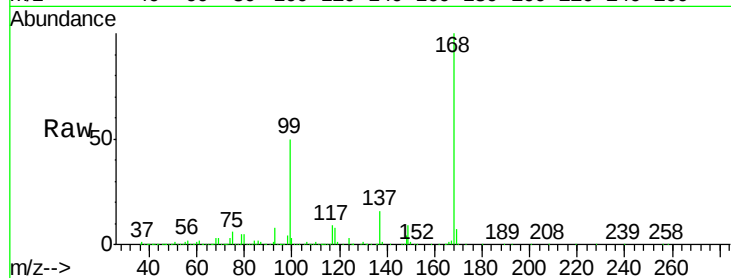
TR-05-RO-2-012319

Tot Ion:168 Resp: 545294

Ion Ratio Lower Upper

168 100

99 50.2 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

200000

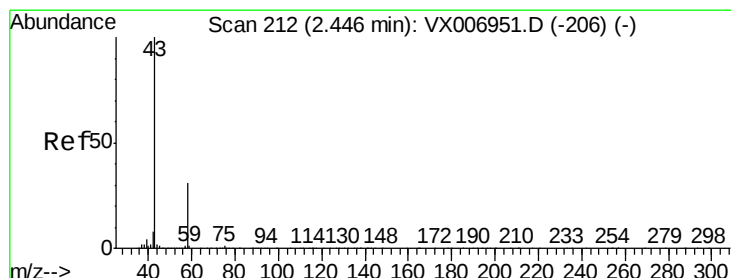
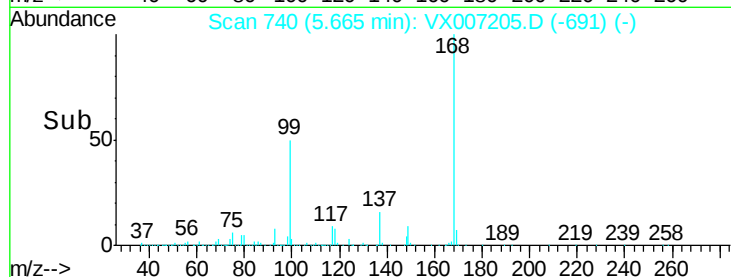
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.649 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007205.D

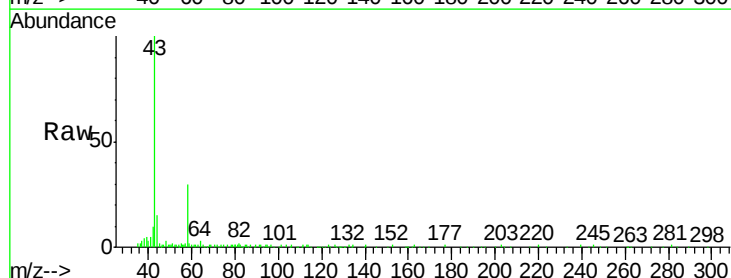
Acq: 24 Jan 2019 15:55

Tgt Ion: 43 Resp: 30000

Ion Ratio Lower Upper

43 100

58 29.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

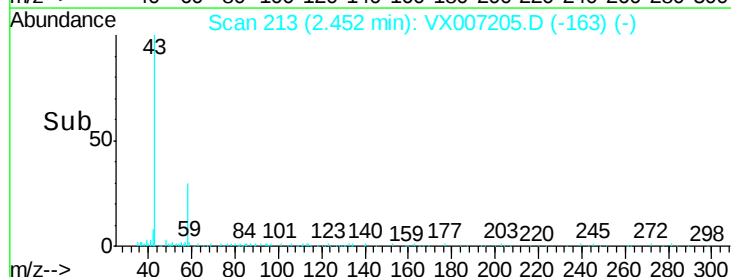
15000

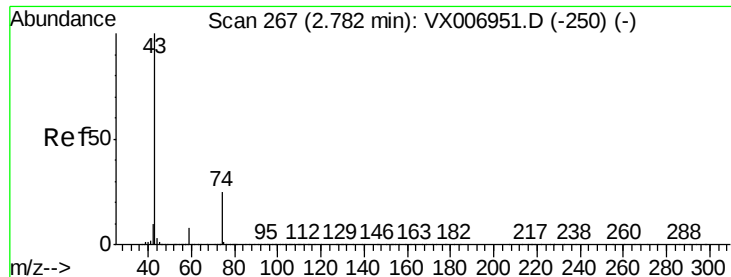
10000

5000

0

Time--> 2.40 2.45 2.50 2.55





#18

Methyl Acetate

Concen: 2.342 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007205.D

Acq: 24 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

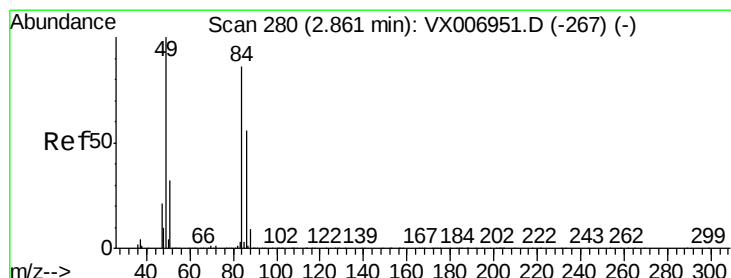
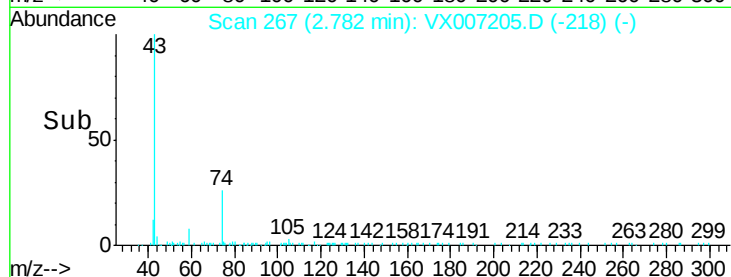
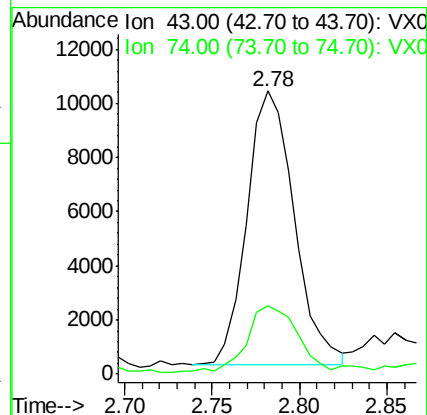
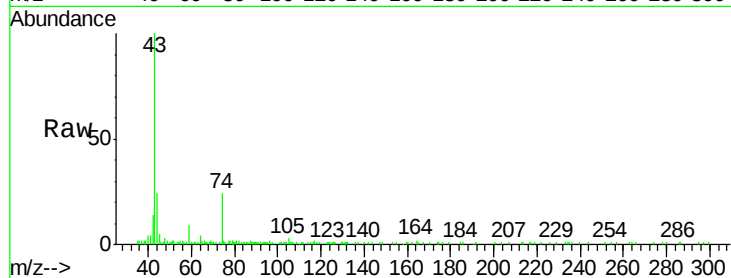
TR-05-RO-2-012319

Tot Ion: 43 Resp: 19111

Ion Ratio Lower Upper

43 100

74 26.6 18.6 28.0



#20

Methylene Chloride

Concen: 82.144 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007205.D

Acq: 24 Jan 2019 15:55

Tgt Ion: 84 Resp: 438219

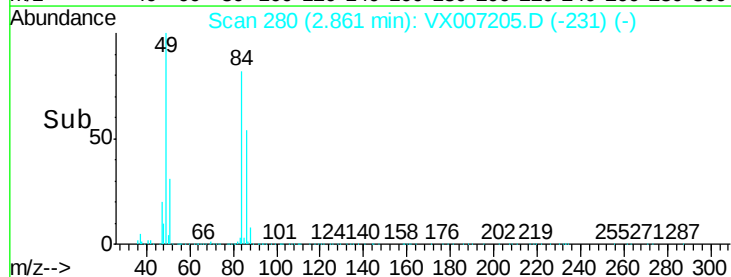
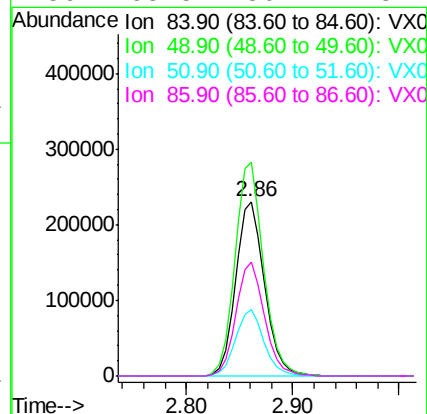
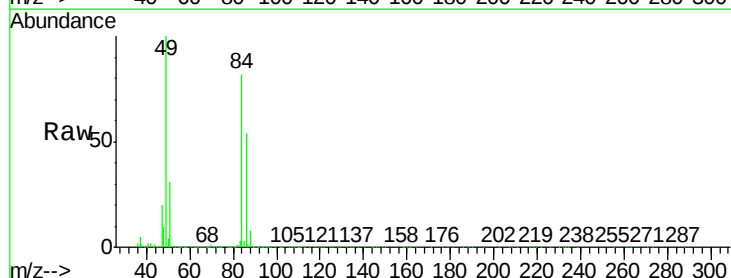
Ion Ratio Lower Upper

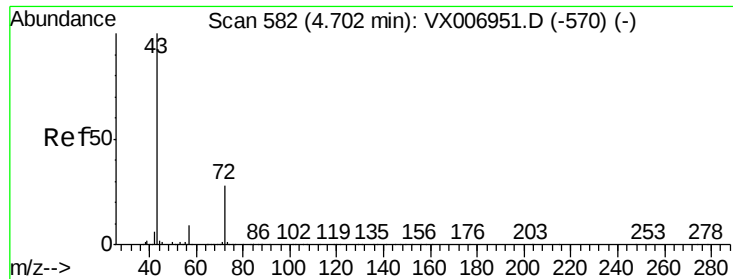
84 100

49 122.3 91.8 137.6

51 37.7 28.5 42.7

86 65.5 50.2 75.2

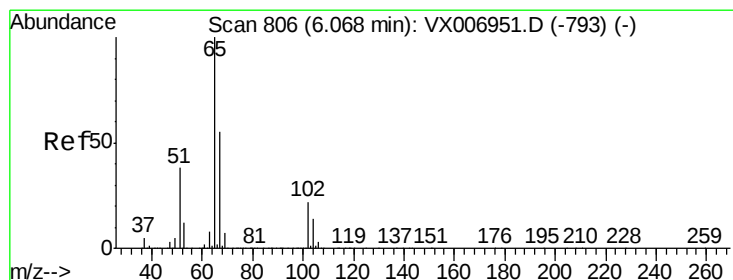
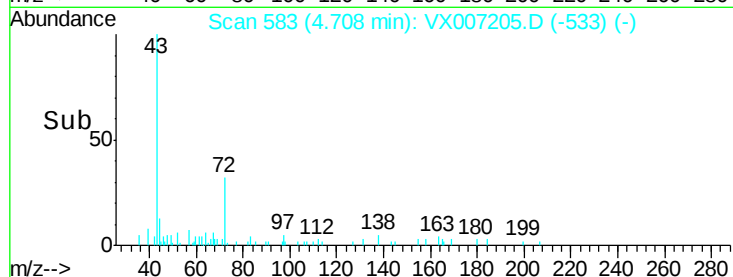
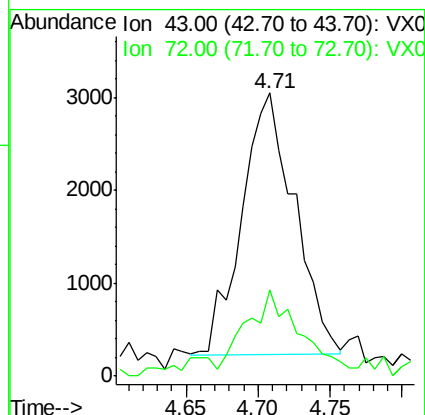
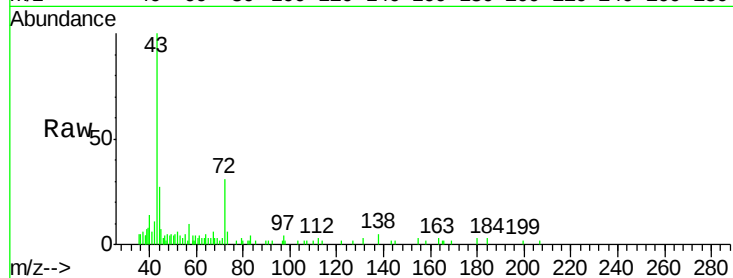




#25
2-Butanone
Concen: 1.780 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX007205.D
Acq: 24 Jan 2019 15:55

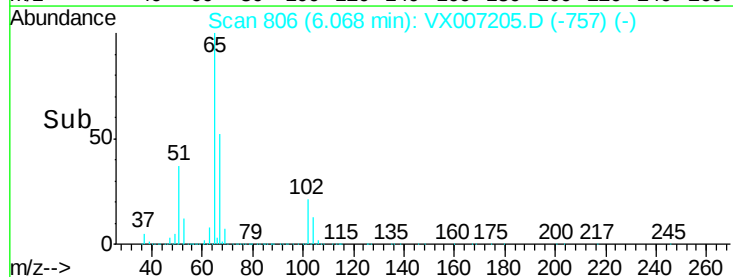
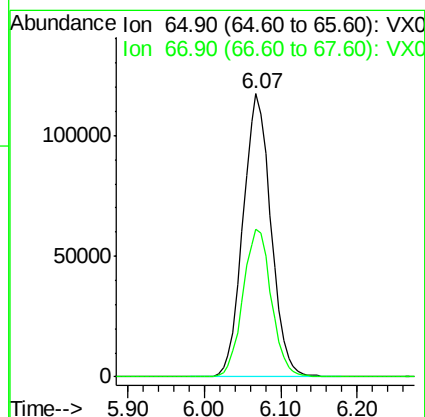
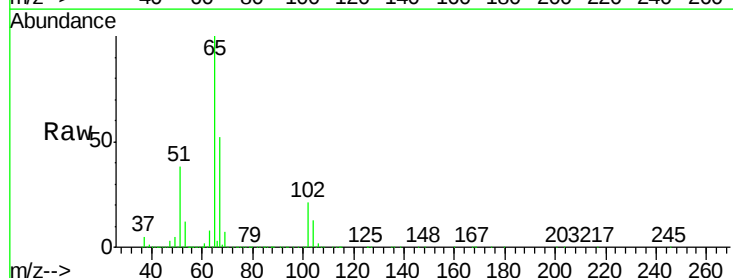
Instrument :
MSVOA_X
ClientSampleId :
TR-05-RO-2-012319

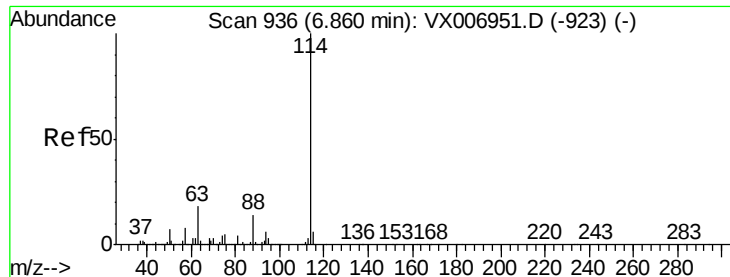
Tot Ion: 43 Resp: 7175
Ion Ratio Lower Upper
43 100
72 25.9 22.4 33.6



#33
1,2-Dichloroethane-d4
Concen: 52.223 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007205.D
Acq: 24 Jan 2019 15:55

Tgt Ion: 65 Resp: 297606
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007205.D

Acq: 24 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

TR-05-RO-2-012319

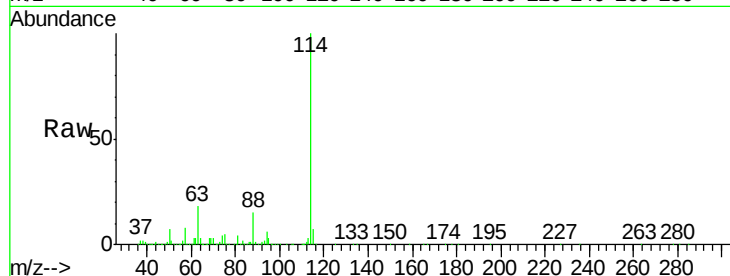
Tot Ion:114 Resp: 849736

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

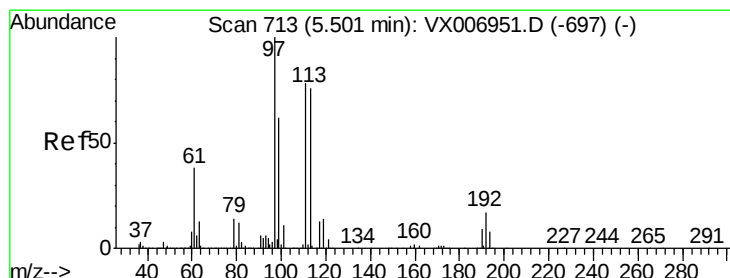
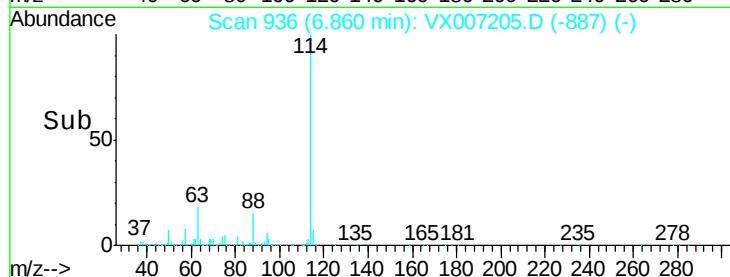
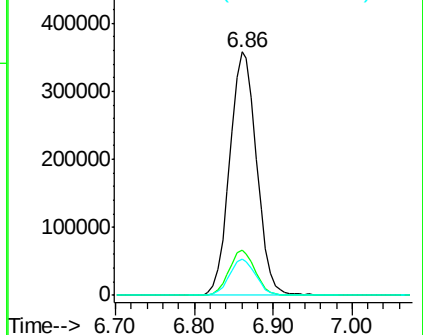
88 14.7 0.0 28.8



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: 48.711 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007205.D

Acq: 24 Jan 2019 15:55

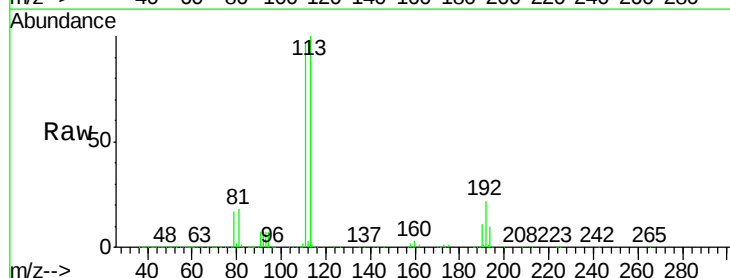
Tgt Ion:113 Resp: 265068

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

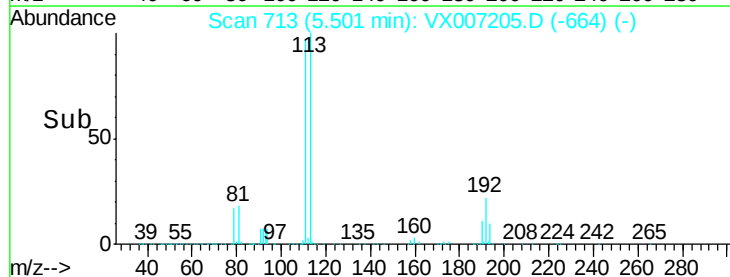
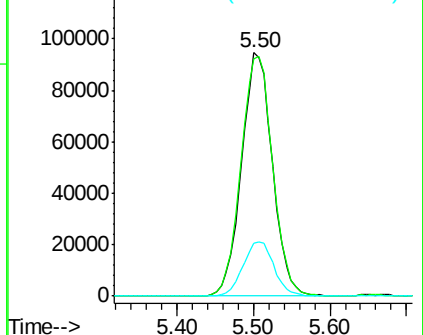
192 22.4 16.7 25.1

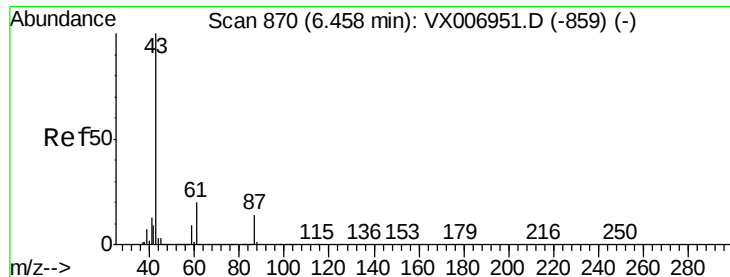


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.296 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007205.D

Acq: 24 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

TR-05-RO-2-012319

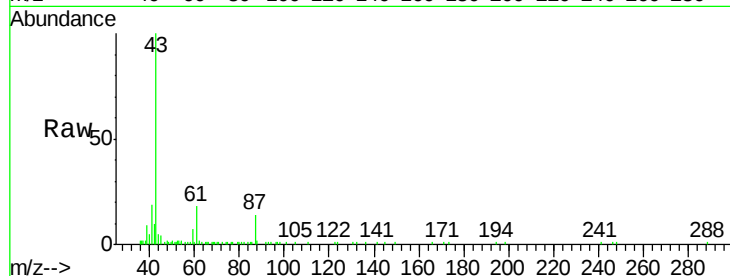
Tot Ion: 43 Resp: 28681

Ion Ratio Lower Upper

43 100

61 21.4 16.8 25.2

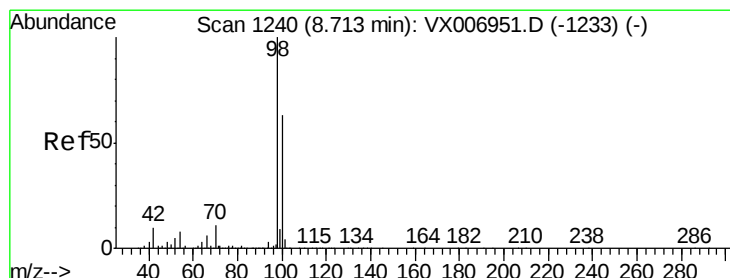
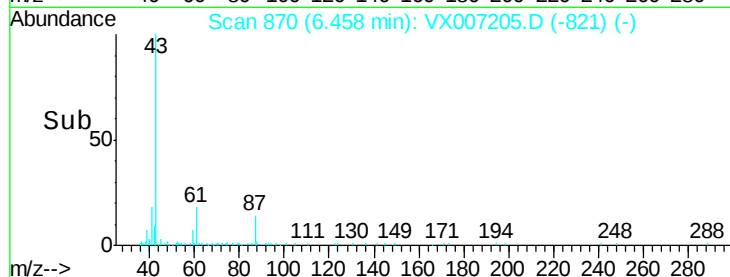
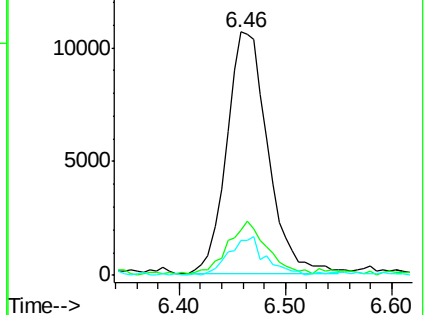
87 14.3 12.4 18.6



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: 51.279 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007205.D

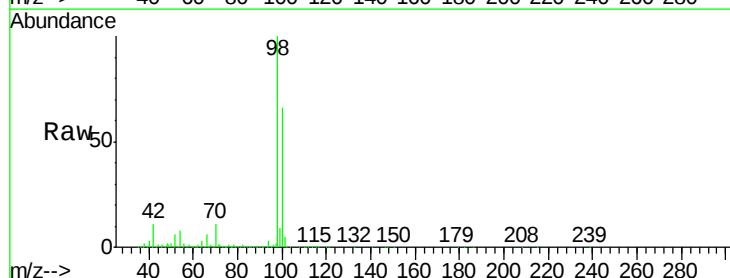
Acq: 24 Jan 2019 15:55

Tgt Ion: 98 Resp: 1021374

Ion Ratio Lower Upper

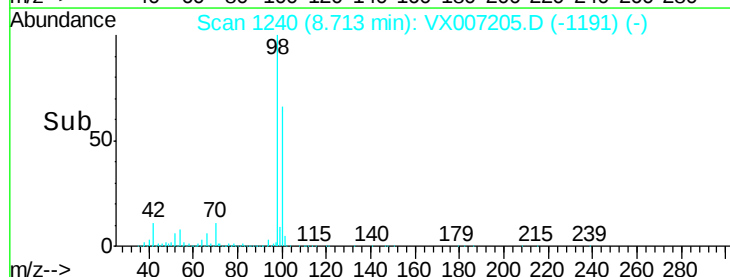
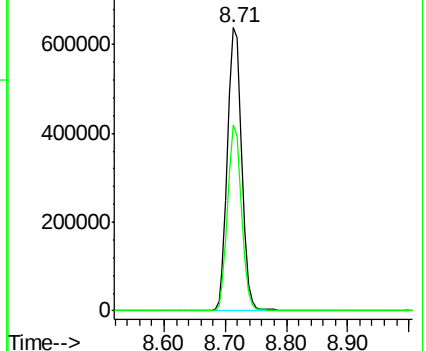
98 100

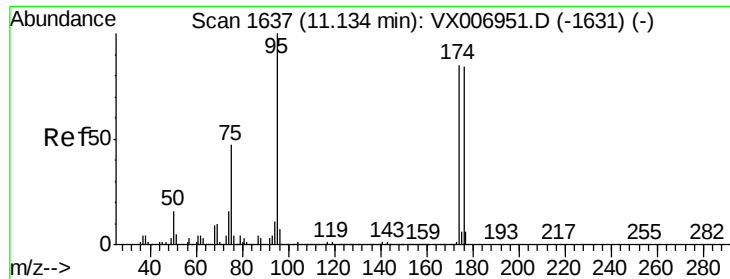
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 51.223 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007205.D

Acq: 24 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

TR-05-RO-2-012319

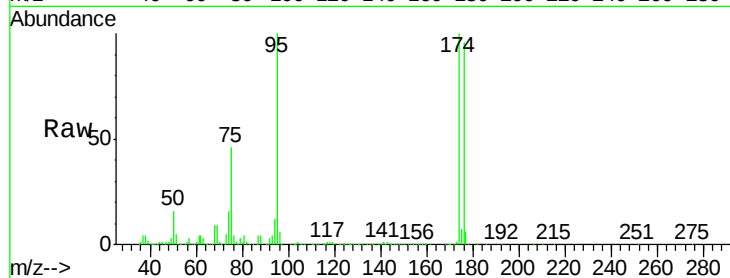
Tot Ion: 95 Resp: 355690

Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

176 91.3 0.0 178.8

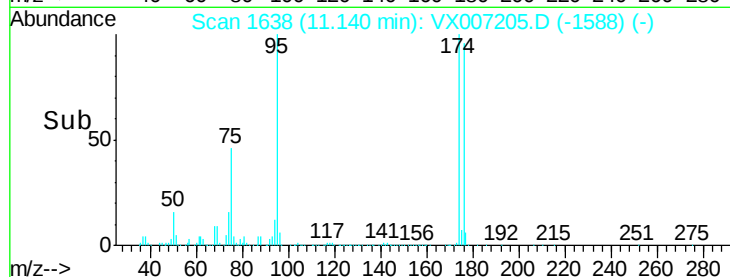


Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)

Time-->

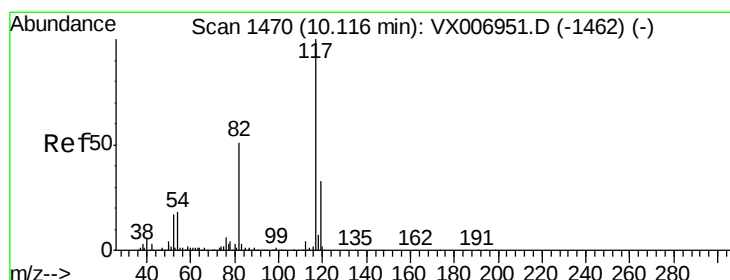


Abundance Ion 94.90 (94.60 to 95.60): VX007205.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007205.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007205.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX007205.D

Acq: 24 Jan 2019 15:55

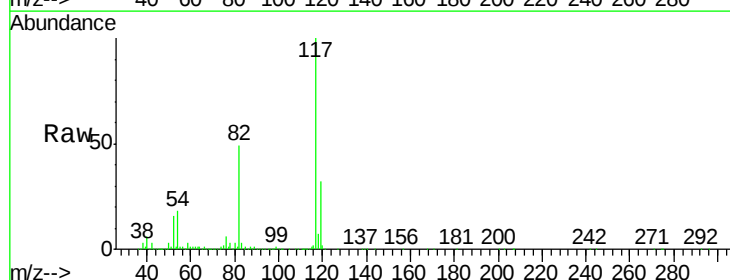
Tgt Ion: 117 Resp: 800309

Ion Ratio Lower Upper

117 100

82 49.4 41.0 61.6

119 32.4 25.4 38.0

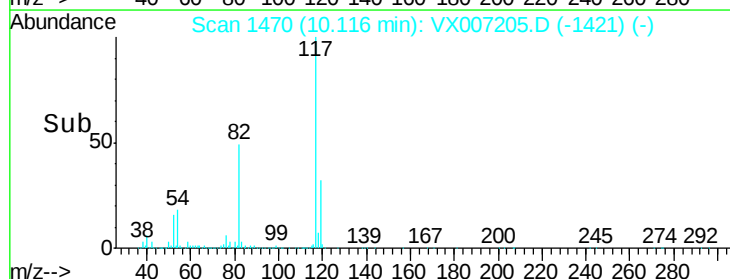


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)

Time-->

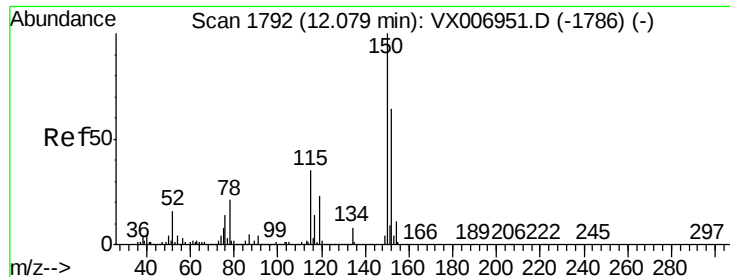


Abundance Ion 116.90 (116.60 to 117.60): VX007205.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX007205.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX007205.D (-1421) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007205.D

Acq: 24 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

TR-05-RO-2-012319

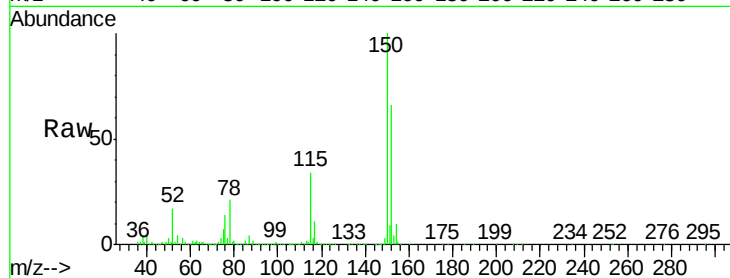
Tot Ion:152 Resp: 385161

Ion Ratio Lower Upper

152 100

115 53.8 39.1 117.2

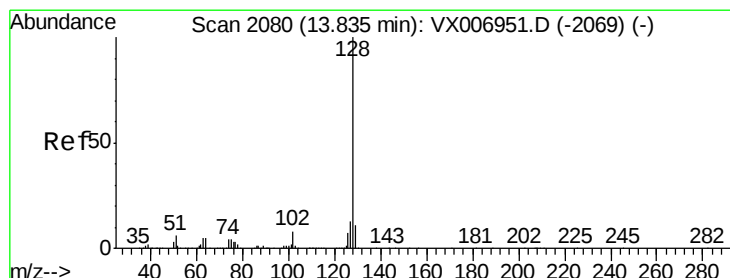
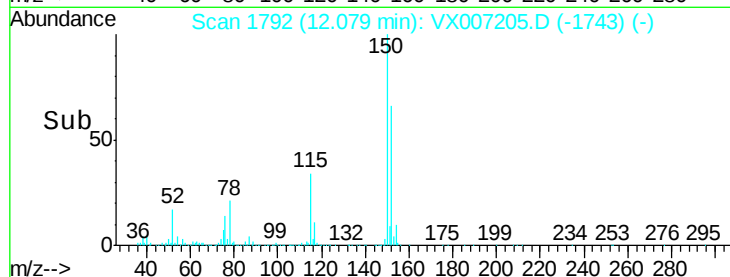
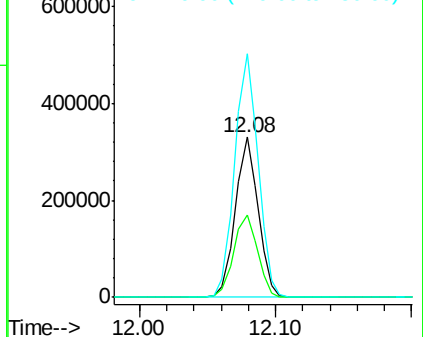
150 156.4 0.0 344.8



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: 1.428 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007205.D

Acq: 24 Jan 2019 15:55

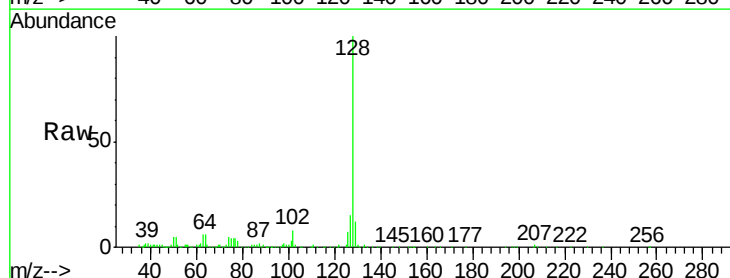
Tgt Ion:128 Resp: 39632

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 12.0 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

