

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005931.D
 Acq On : 13 Nov 2018 05:45
 Operator : JC/MD
 Sample : J5894-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DW-2

Quant Time: Nov 13 07:03:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

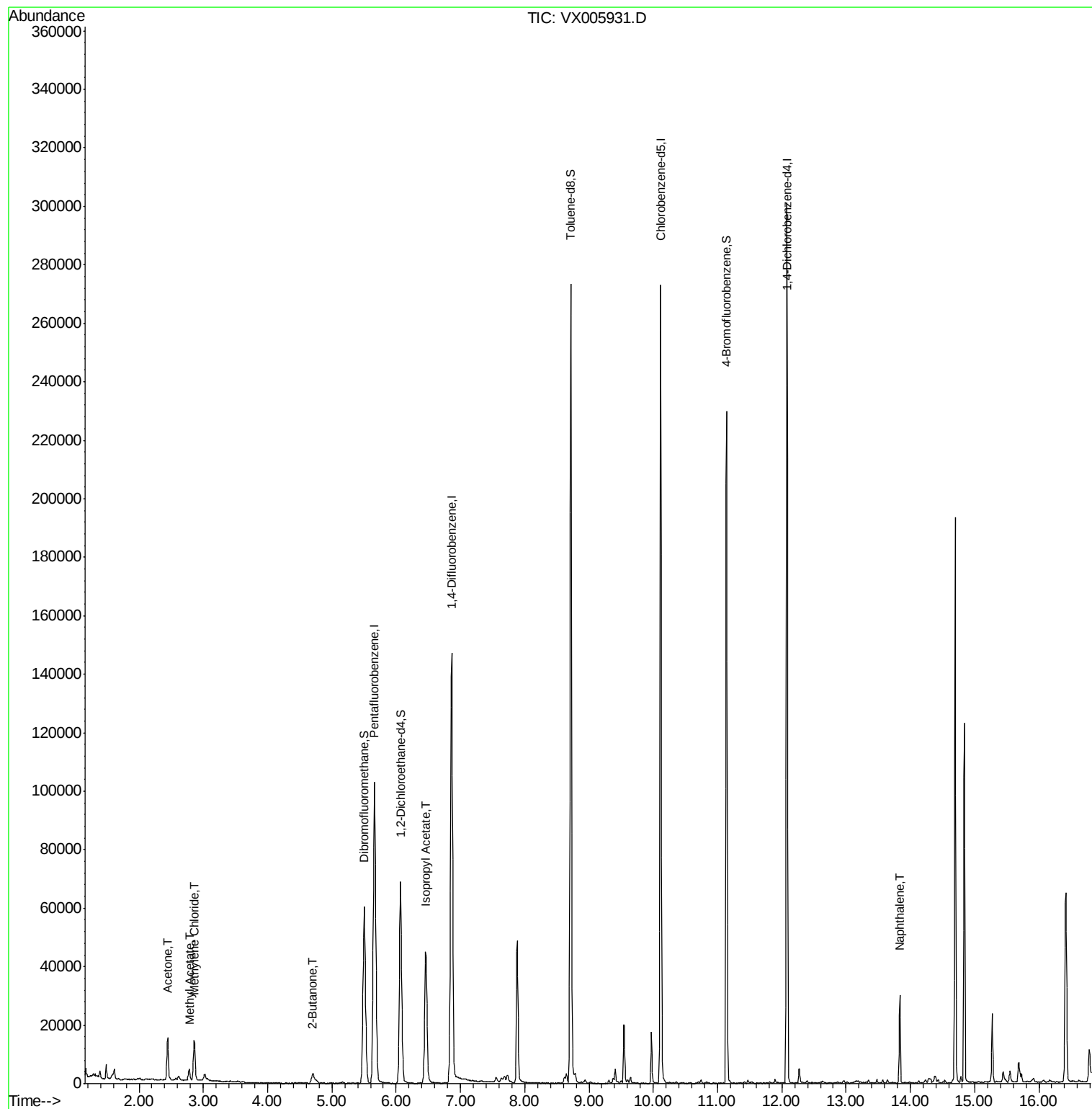
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	100695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	147087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	126022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	61685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65697	56.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.50%	
35) Dibromofluoromethane	5.50	113	48215	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
50) Toluene-d8	8.71	98	165809	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.14	95	56644	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
Target Compounds						
16) Acetone	2.45	43	15036	24.124	ug/l #	89
18) Methyl Acetate	2.78	43	4726	1.387	ug/l	100
20) Methylene Chloride	2.85	84	5887	5.750	ug/l	95
25) 2-Butanone	4.71	43	6286	6.415	ug/l #	85
43) Isopropyl Acetate	6.46	43	60469	22.380	ug/l	97
95) Naphthalene	13.83	128	17823	5.099	ug/l	99

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

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ClientSampled :
DW-2

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005931.D

Acq: 13 Nov 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

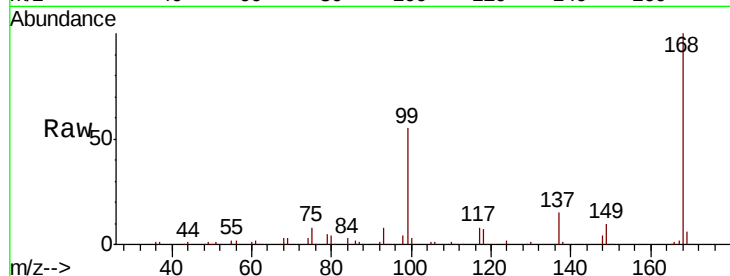
DW-2

Tot Ion:168 Resp: 100695

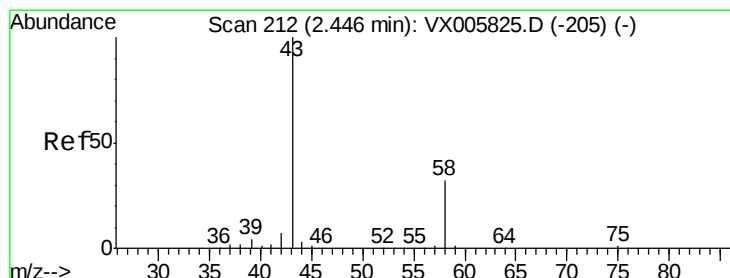
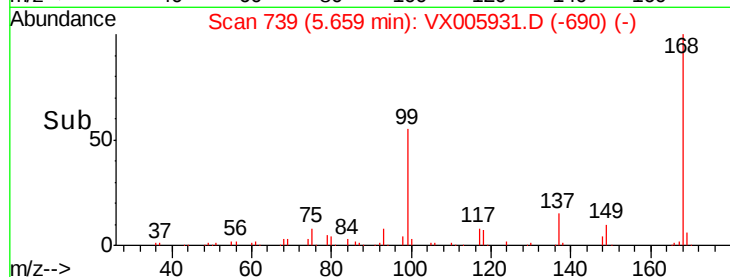
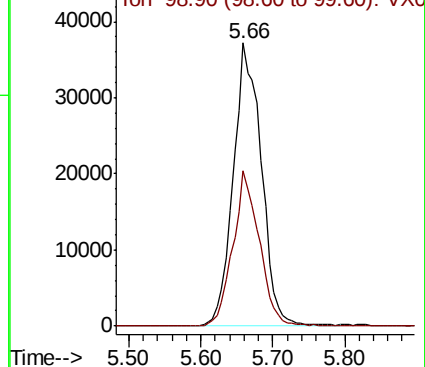
Ion Ratio Lower Upper

168 100

99 54.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005825.D (-727) (-)



#16

Acetone

Concen: 24.124 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005931.D

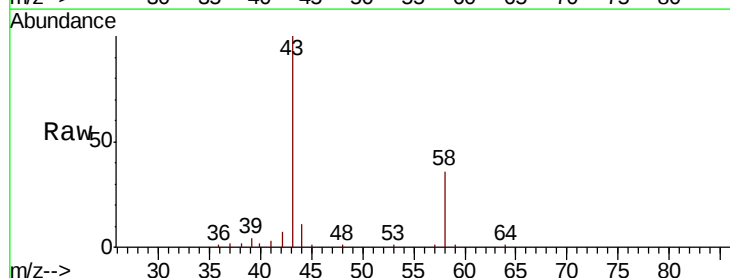
Acq: 13 Nov 2018 05:45

Tgt Ion: 43 Resp: 15036

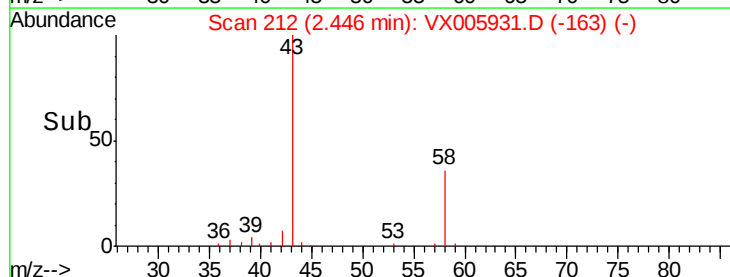
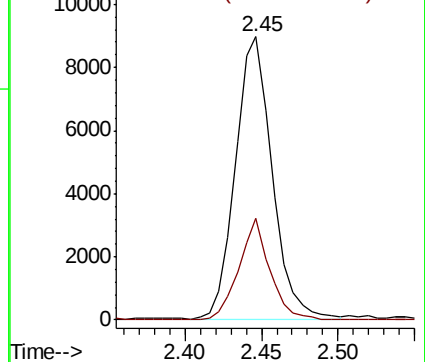
Ion Ratio Lower Upper

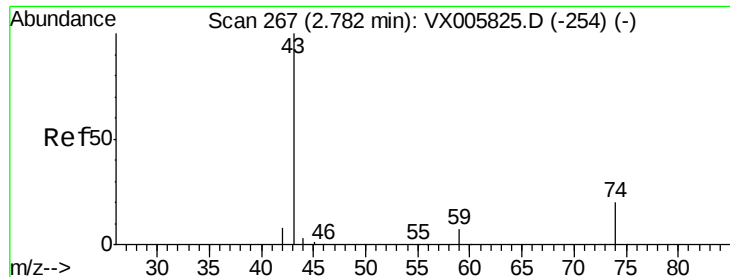
43 100

58 35.9 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-205) (-)

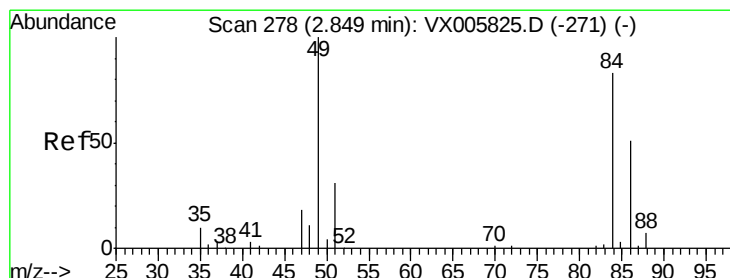
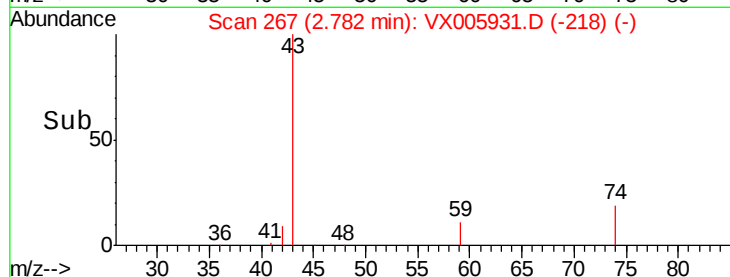
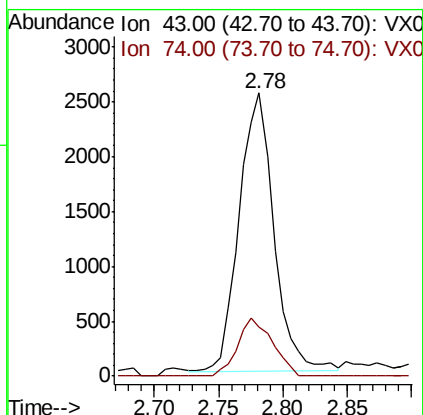
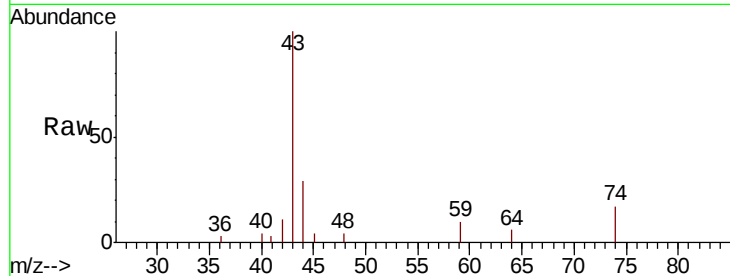




#18
Methyl Acetate
Concen: 1.387 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005931.D
Acq: 13 Nov 2018 05:45

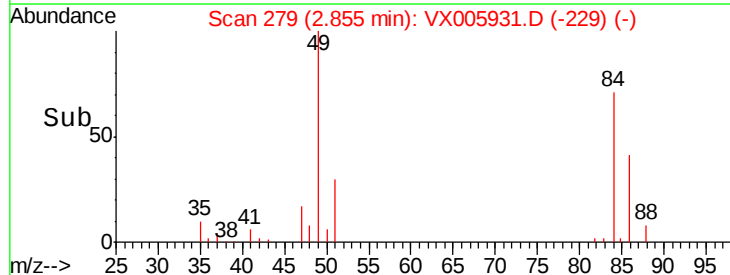
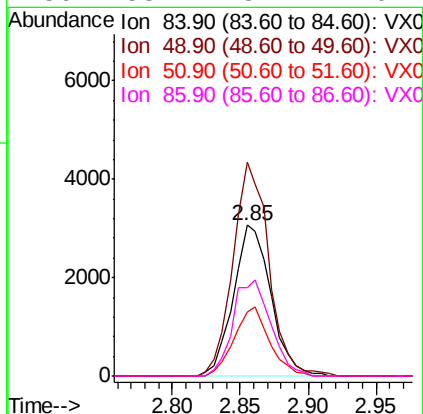
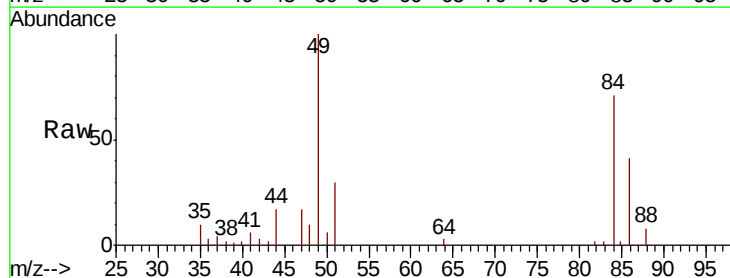
Instrument :
MSVOA_X
ClientSampleId :
DW-2

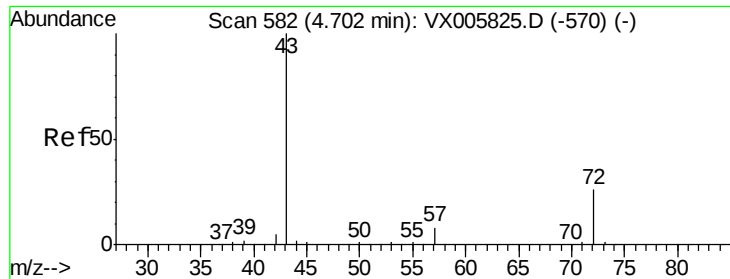
Tot Ion: 43 Resp: 4726
Ion Ratio Lower Upper
43 100
74 21.0 16.8 25.2



#20
Methylene Chloride
Concen: 5.750 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005931.D
Acq: 13 Nov 2018 05:45

Tgt Ion: 84 Resp: 5887
Ion Ratio Lower Upper
84 100
49 141.5 109.5 164.3
51 42.8 33.3 49.9
86 58.7 52.7 79.1

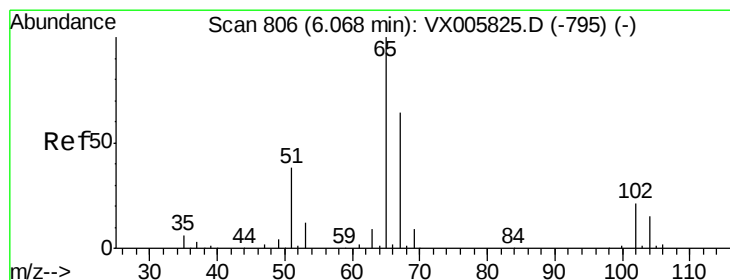
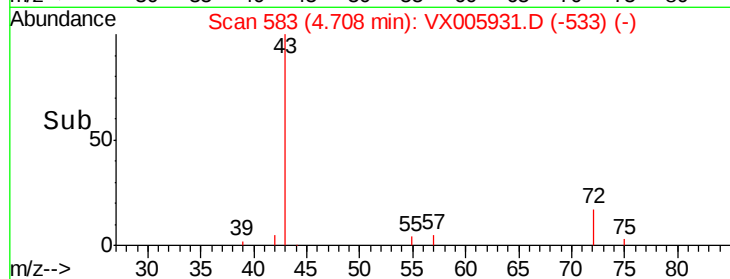
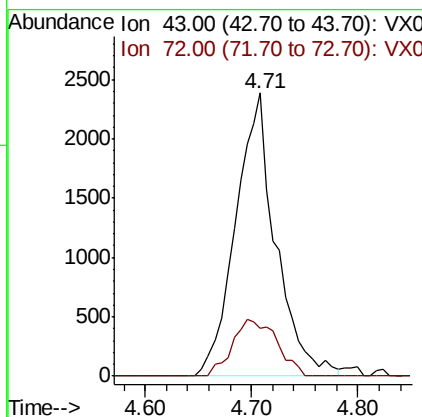
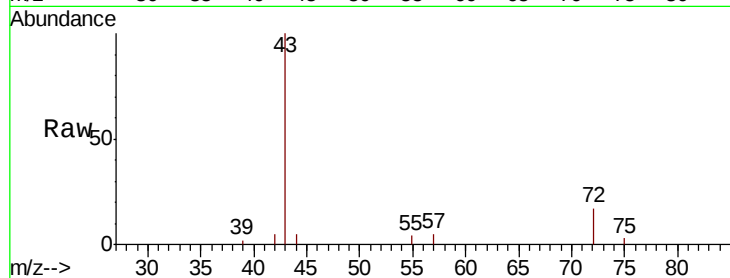




#25
2-Butanone
Concen: 6.415 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX005931.D
Acq: 13 Nov 2018 05:45

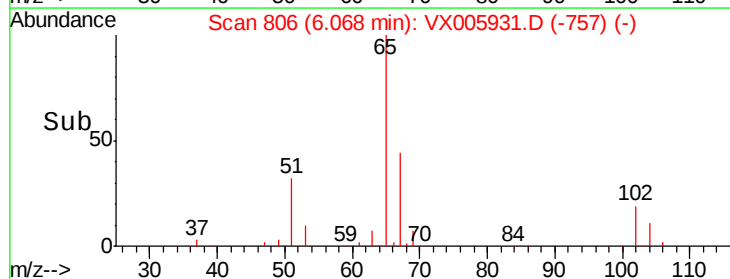
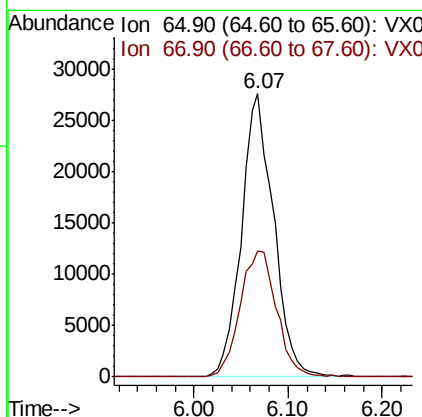
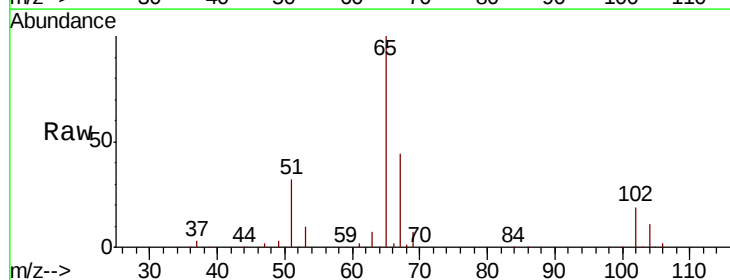
Instrument :
MSVOA_X
ClientSampled :
DW-2

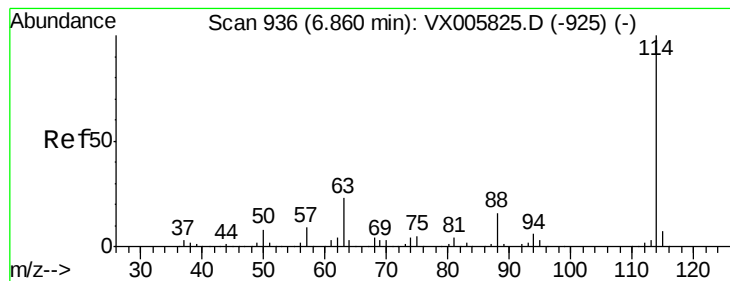
Tot Ion: 43 Resp: 6286
Ion Ratio Lower Upper
43 100
72 16.8 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: 56.752 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005931.D
Acq: 13 Nov 2018 05:45

Tgt Ion: 65 Resp: 65697
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005931.D

Acq: 13 Nov 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

DW-2

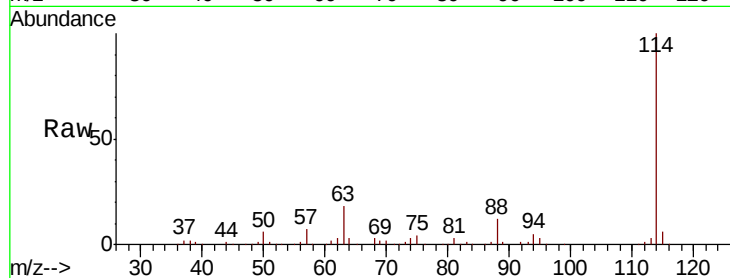
Tot Ion:114 Resp: 147087

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.8

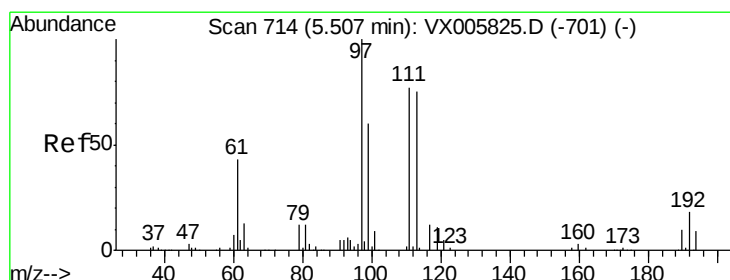
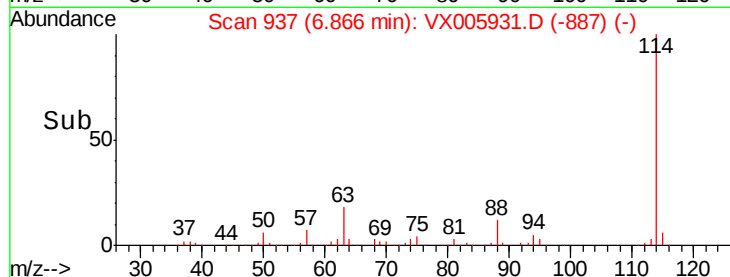
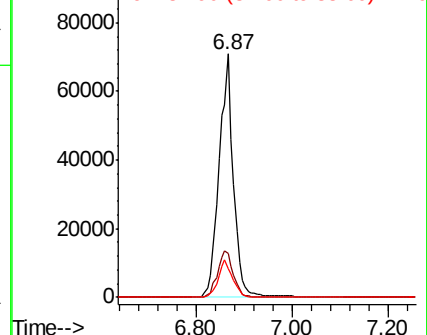
88 11.9 0.0 31.2



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: 48.195 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005931.D

Acq: 13 Nov 2018 05:45

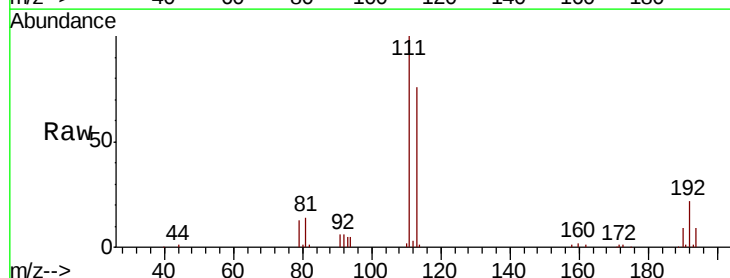
Tgt Ion:113 Resp: 48215

Ion Ratio Lower Upper

113 100

111 105.5 82.3 123.5

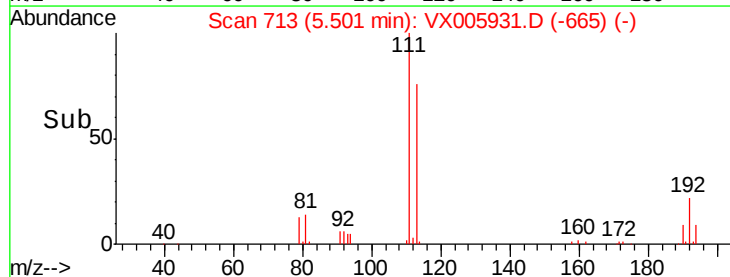
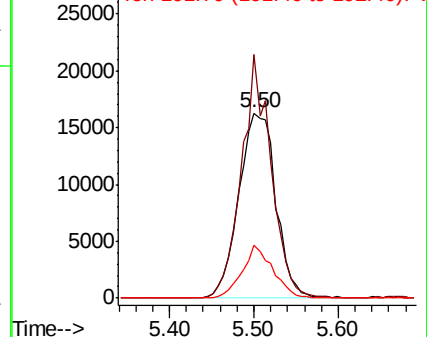
192 23.6 17.9 26.9

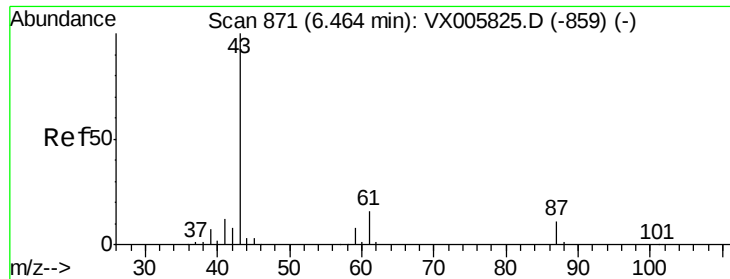


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



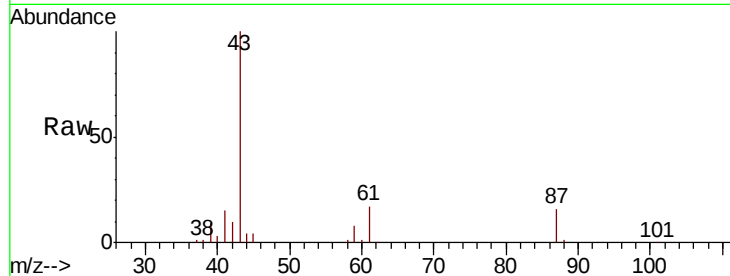


#43

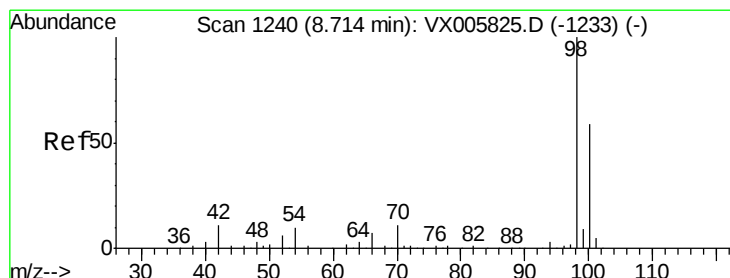
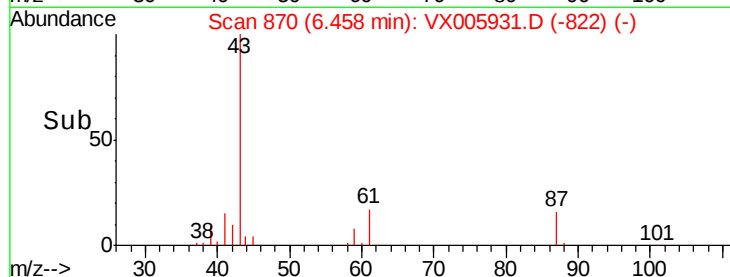
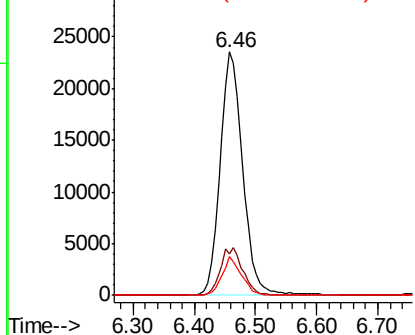
Isopropyl Acetate
 Concen: 22.380 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005931.D
 Acq: 13 Nov 2018 05:45

Instrument :
 MSVOA_X
 ClientSampleId :
 DW-2

Tot Ion: 43 Resp: 60469
 Ion Ratio Lower Upper
 43 100
 61 19.3 14.6 22.0
 87 13.4 9.6 14.4



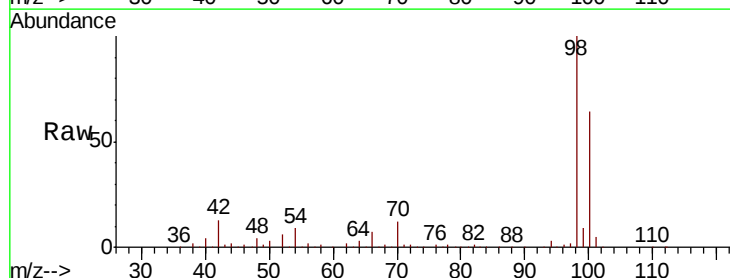
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



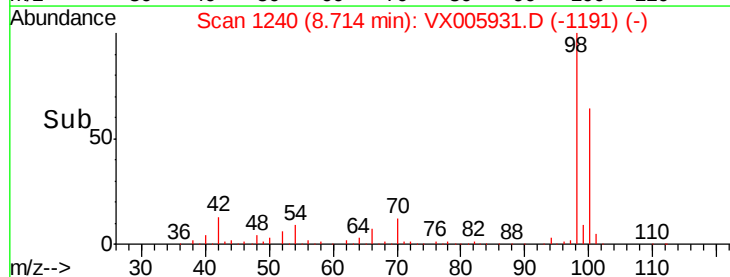
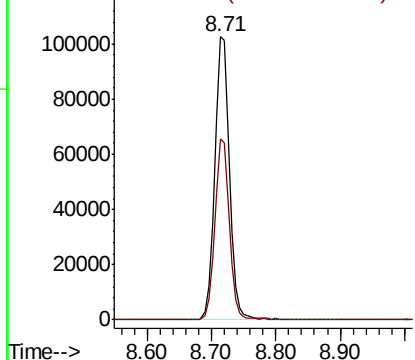
#50

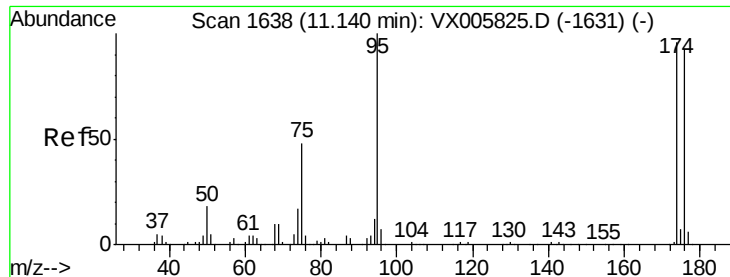
Toluene-d8
 Concen: 49.853 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX005931.D
 Acq: 13 Nov 2018 05:45

Tgt Ion: 98 Resp: 165809
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.3 76.9



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





#62

4-Bromofluorobenzene

Concen: 47.369 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005931.D

Acq: 13 Nov 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

DW-2

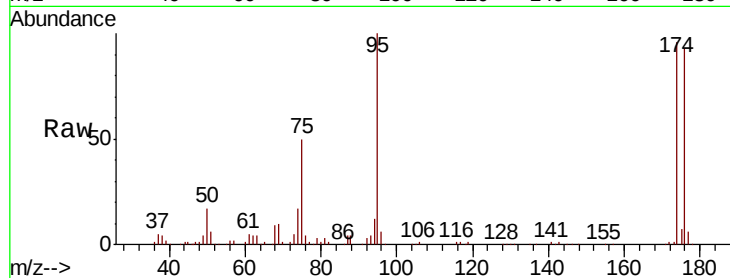
Tot Ion: 95 Resp: 56644

Ion Ratio Lower Upper

95 100

174 92.1 0.0 184.4

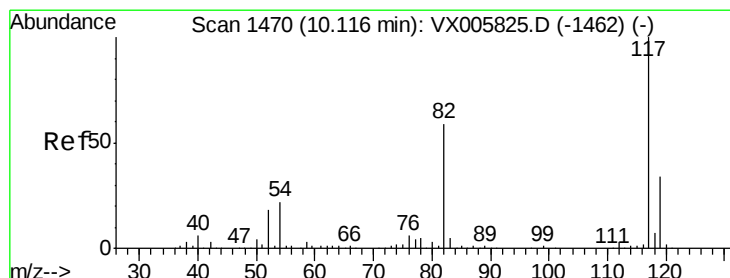
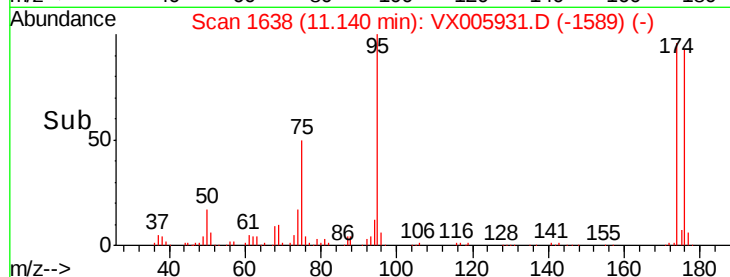
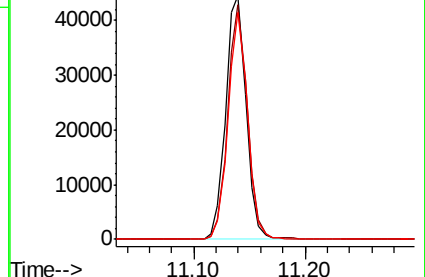
176 88.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005825.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005825.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005825.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005931.D

Acq: 13 Nov 2018 05:45

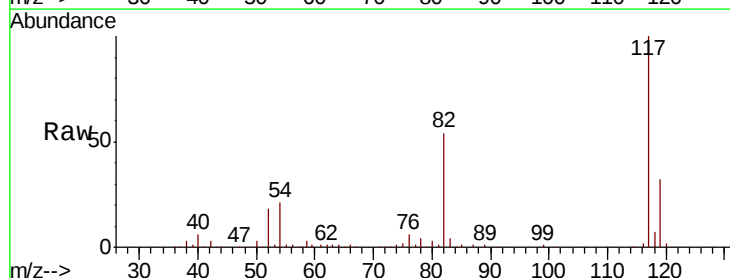
Tgt Ion: 117 Resp: 126022

Ion Ratio Lower Upper

117 100

82 54.4 44.1 66.1

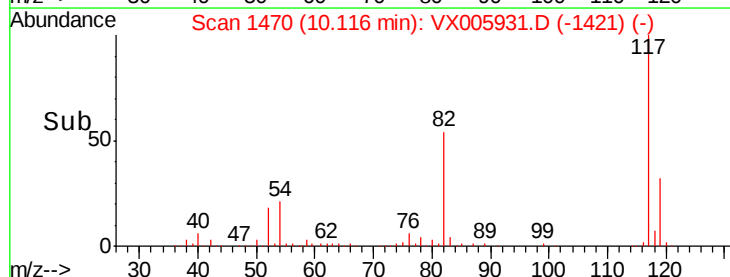
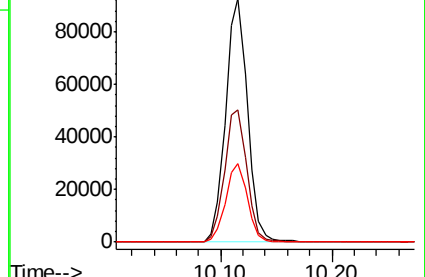
119 32.4 26.2 39.2

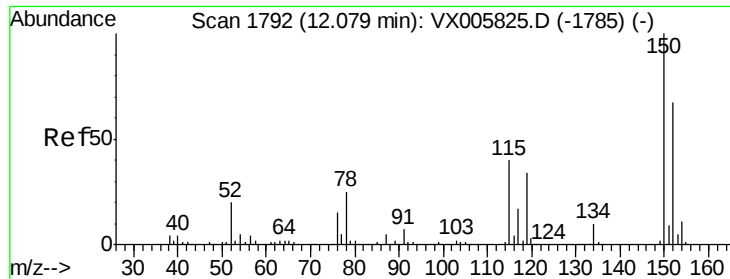


Abundance Ion 116.90 (116.60 to 117.60): VX005825.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005825.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005825.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005931.D

Acq: 13 Nov 2018 05:45

Instrument :

MSVOA_X

ClientSampleId :

DW-2

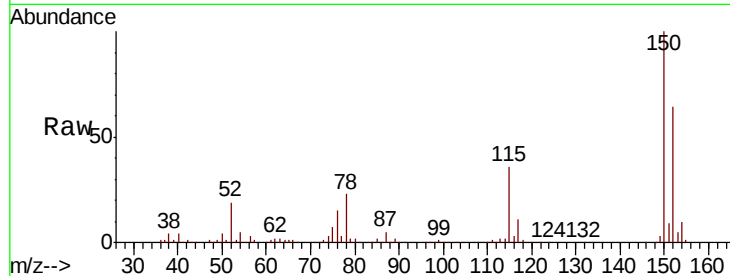
Tot Ion:152 Resp: 61685

Ion Ratio Lower Upper

152 100

115 56.1 39.4 118.1

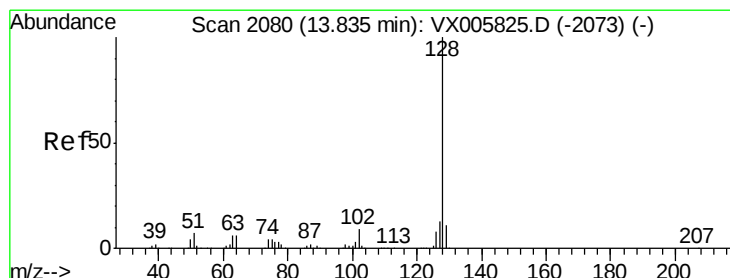
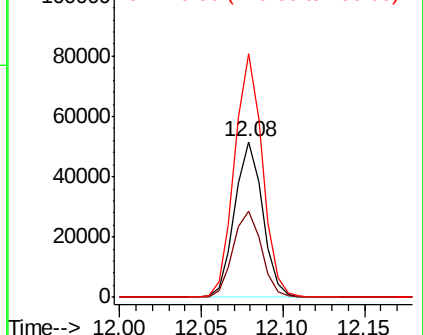
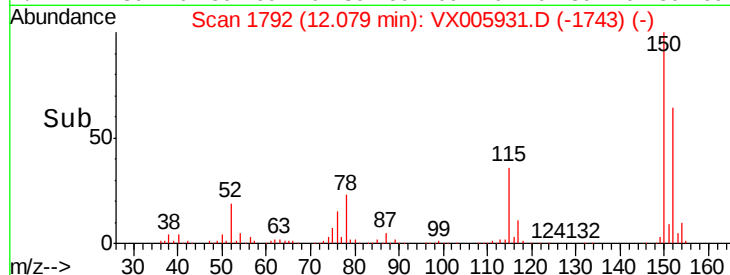
150 156.2 0.0 346.4



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: 5.099 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005931.D

Acq: 13 Nov 2018 05:45

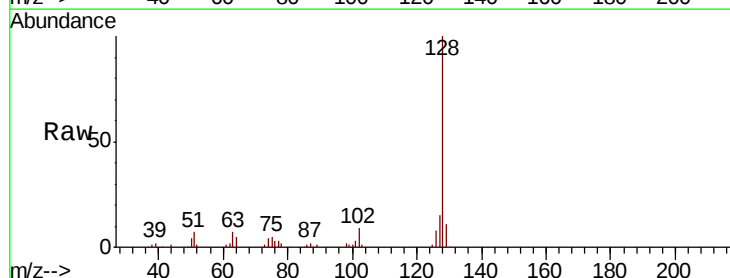
Tgt Ion:128 Resp: 17823

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 11.0 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

