

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007910.D
 Acq On : 08 Mar 2019 03:50
 Operator : JC/SP
 Sample : K1757-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6AB-D

Quant Time: Mar 08 08:21:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

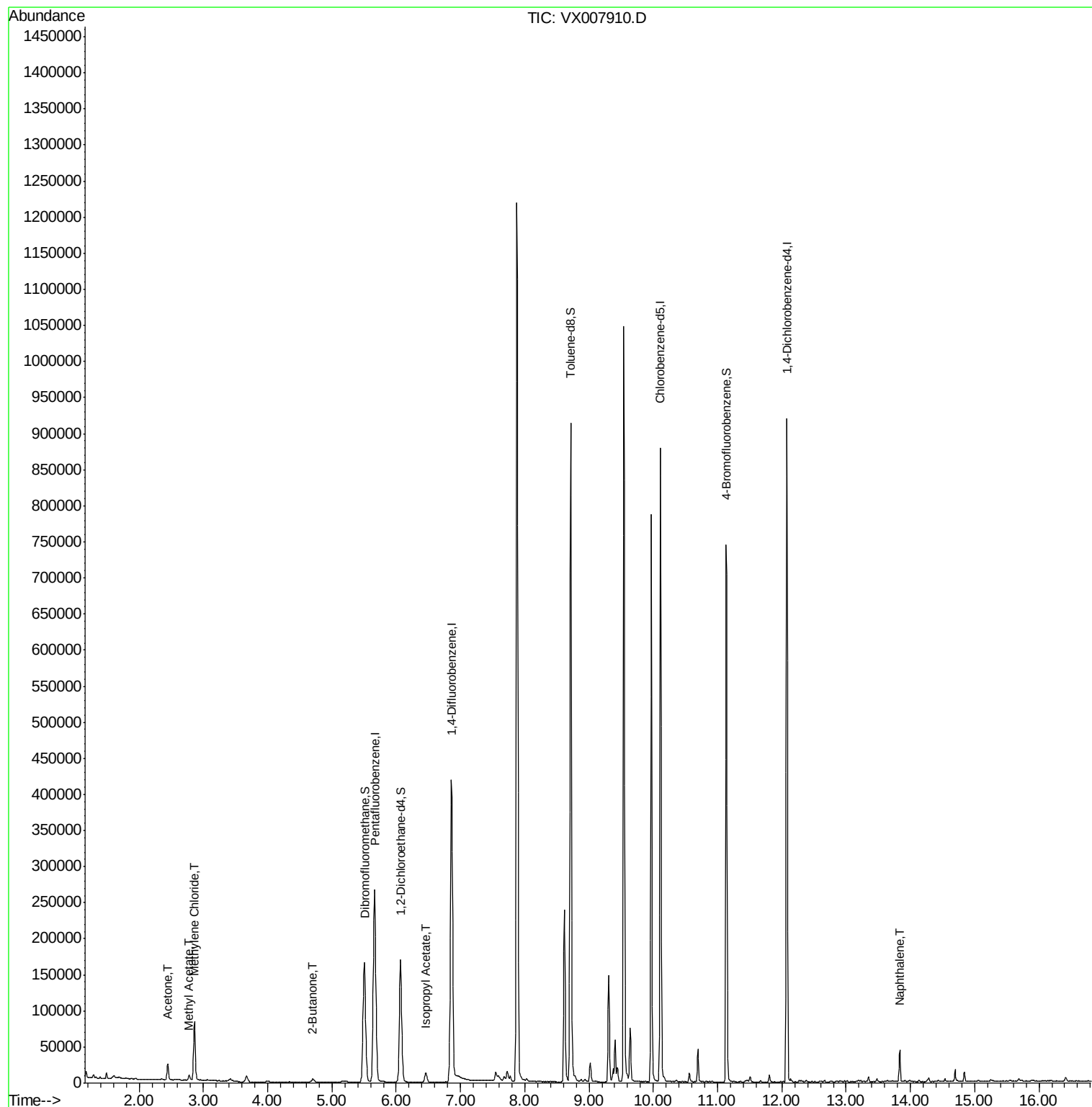
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	281096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	426182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155224	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
35) Dibromofluoromethane	5.50	113	143499	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	8.71	98	547942	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	11.13	95	200965	55.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.56%	
Target Compounds						
16) Acetone	2.45	43	24302	14.159	ug/l	100
18) Methyl Acetate	2.78	43	9110	2.498	ug/l	98
20) Methylene Chloride	2.86	84	36528	13.373	ug/l	98
25) 2-Butanone	4.70	43	7744	3.187	ug/l	91
43) Isopropyl Acetate	6.46	43	16804	2.416	ug/l	99
95) Naphthalene	13.83	128	28171	2.080	ug/l	100

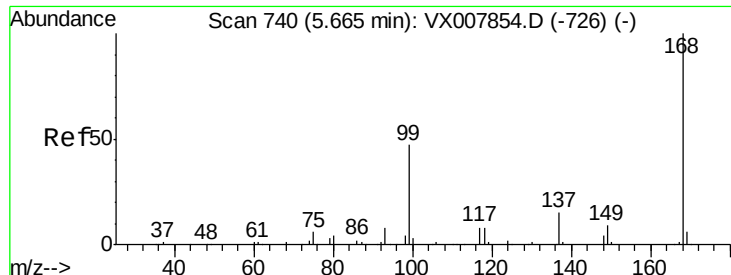
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 07 07:33:26 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: VX007910.D

Acq: 08 Mar 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

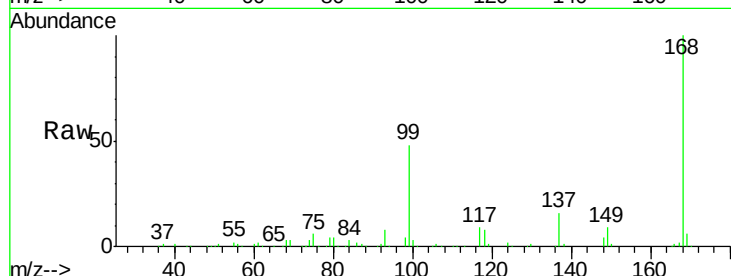
TP-6AB-D

Tot Ion:168 Resp: 281096

Ion Ratio Lower Upper

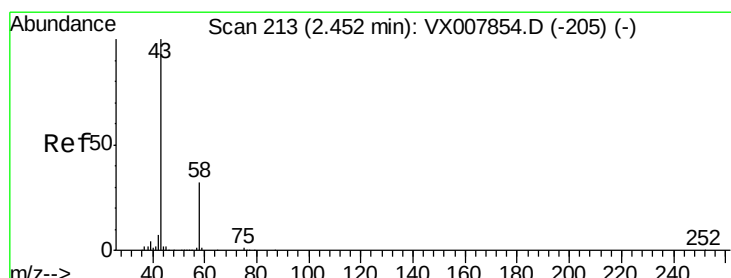
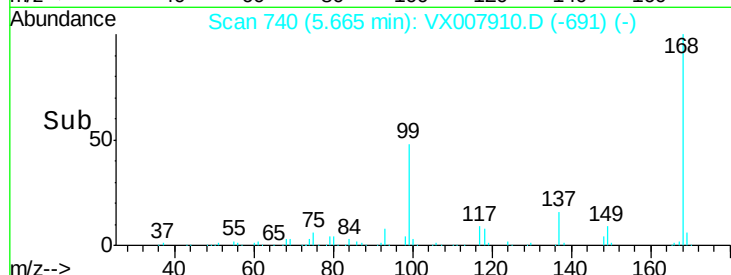
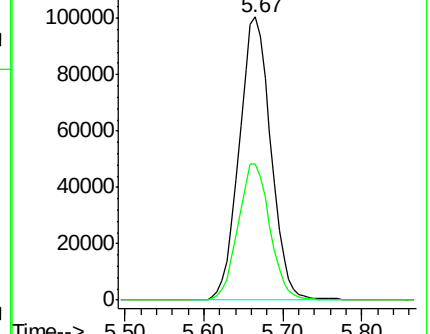
168 100

99 48.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.159 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007910.D

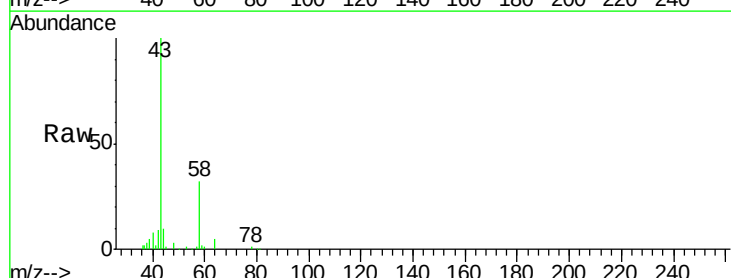
Acq: 08 Mar 2019 03:50

Tgt Ion: 43 Resp: 24302

Ion Ratio Lower Upper

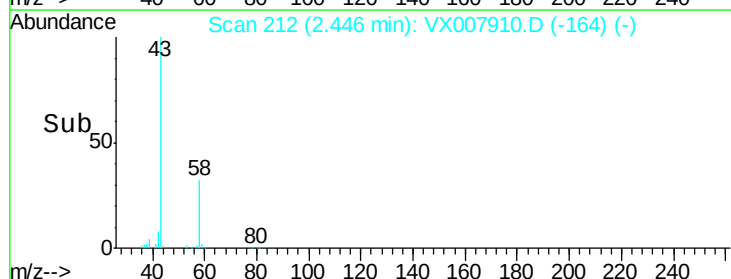
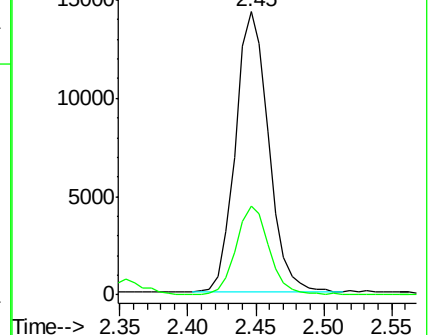
43 100

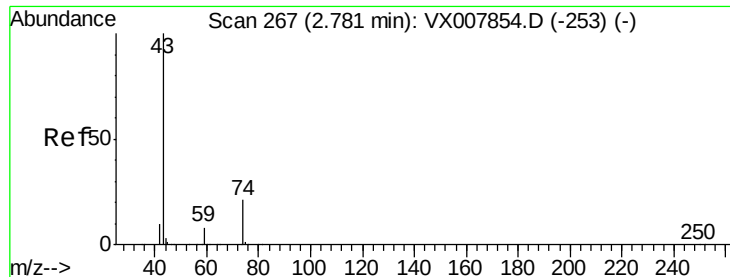
58 31.9 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

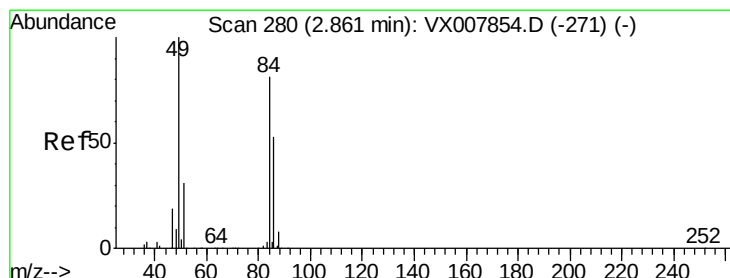
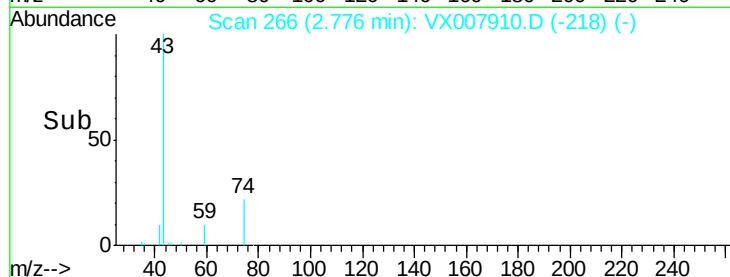
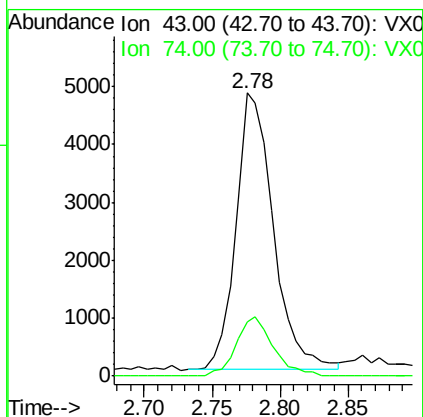
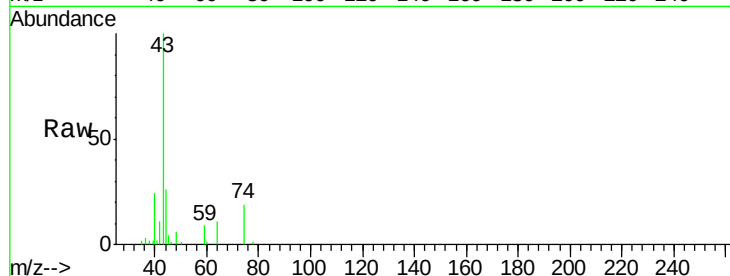




#18
Methyl Acetate
Concen: 2.498 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007910.D
Acq: 08 Mar 2019 03:50

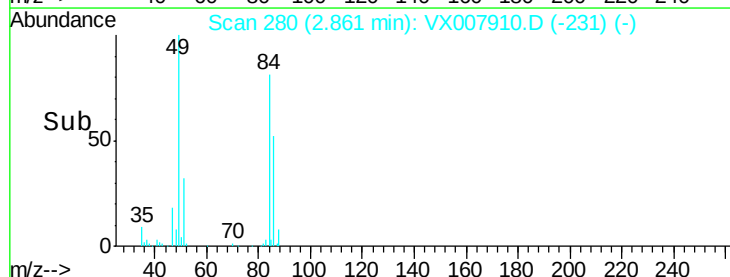
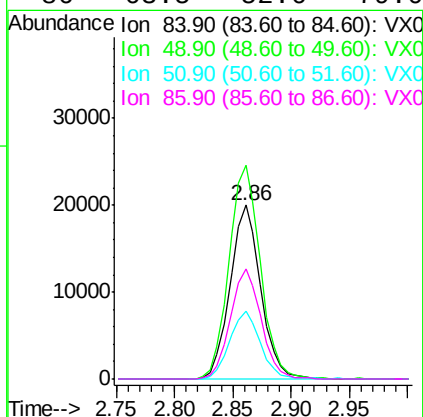
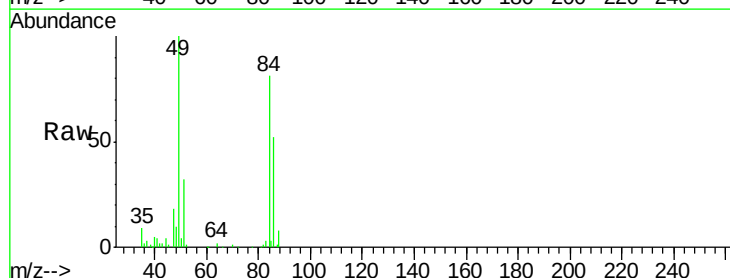
Instrument :
MSVOA_X
ClientSampled :
TP-6AB-D

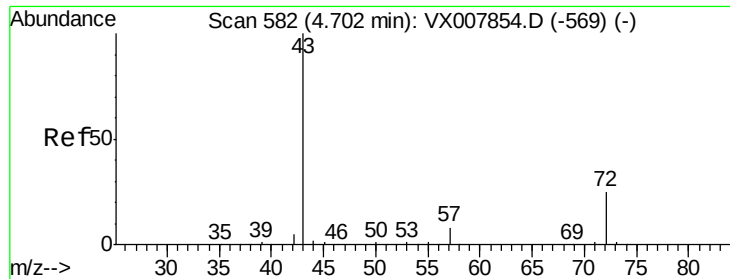
Tot Ion: 43 Resp: 9110
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.6



#20
Methylene Chloride
Concen: 13.373 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007910.D
Acq: 08 Mar 2019 03:50

Tgt Ion: 84 Resp: 36528
Ion Ratio Lower Upper
84 100
49 122.8 99.3 148.9
51 38.8 31.3 46.9
86 63.5 52.6 79.0





#25

2-Butanone

Concen: 3.187 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007910.D

Acq: 08 Mar 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

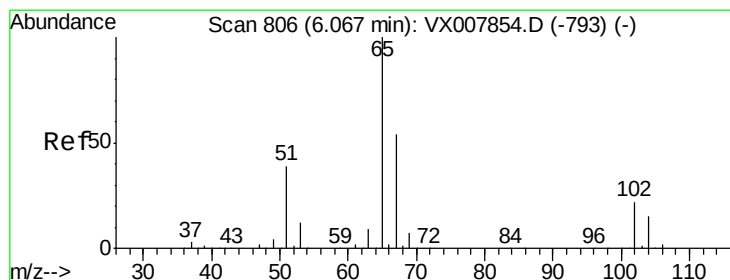
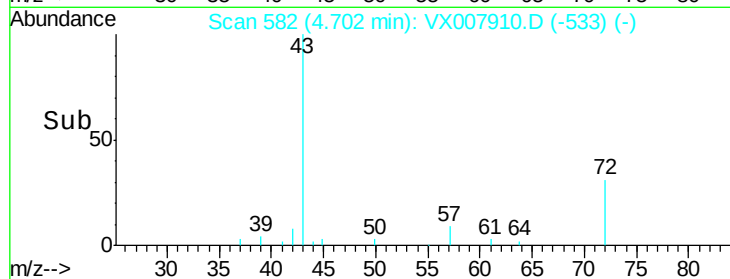
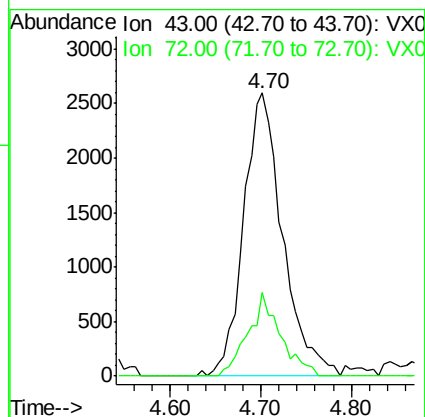
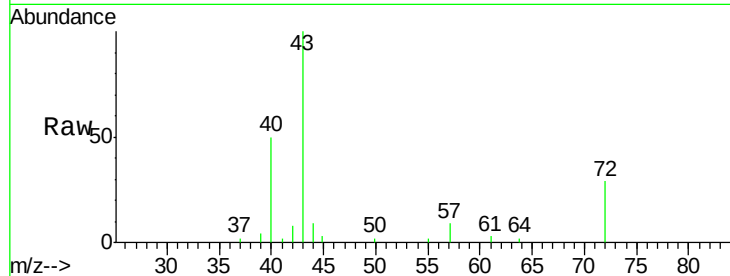
TP-6AB-D

Tot Ion: 43 Resp: 7744

Ion Ratio Lower Upper

43 100

72 29.3 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 52.347 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007910.D

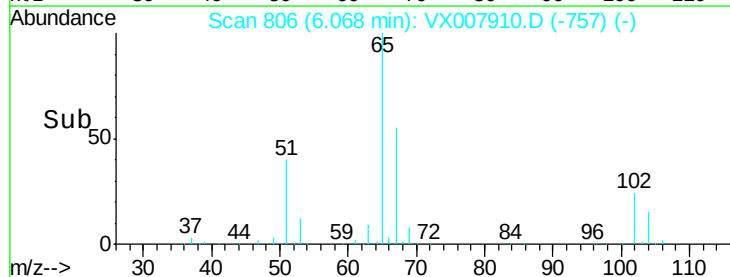
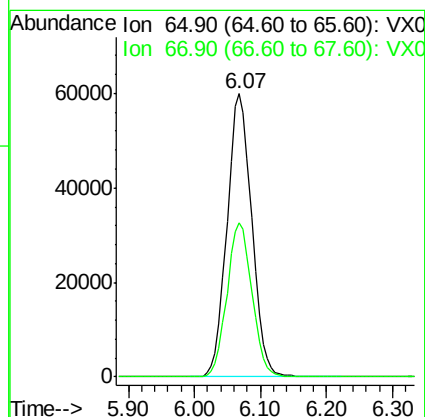
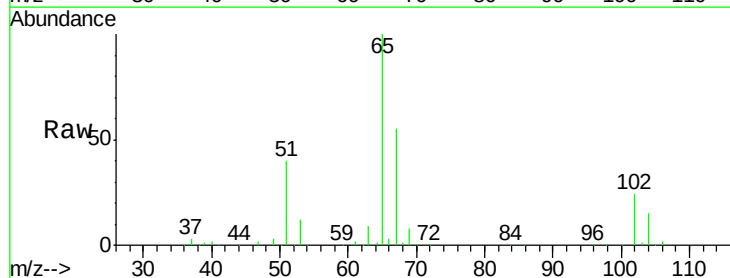
Acq: 08 Mar 2019 03:50

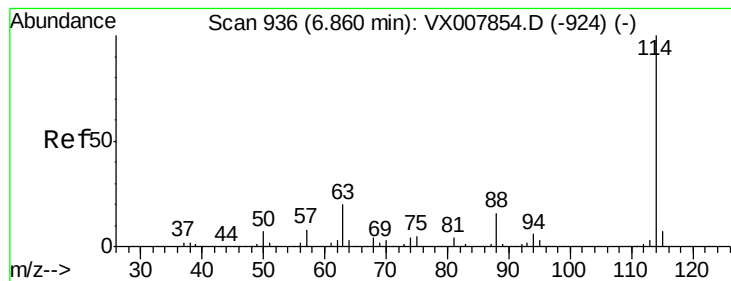
Tgt Ion: 65 Resp: 155224

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007910.D

Acq: 08 Mar 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

TP-6AB-D

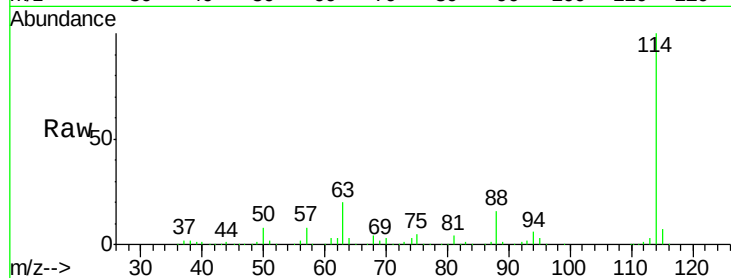
Tot Ion:114 Resp: 437443

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

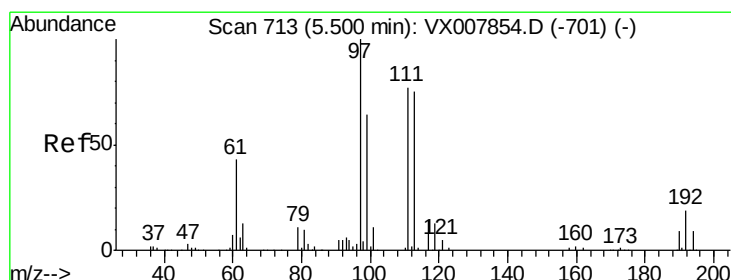
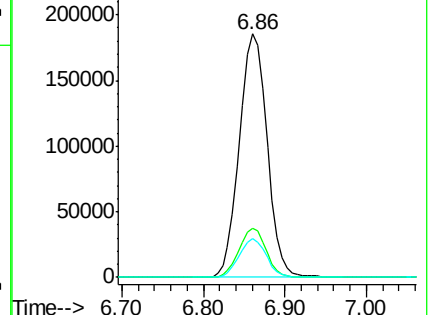
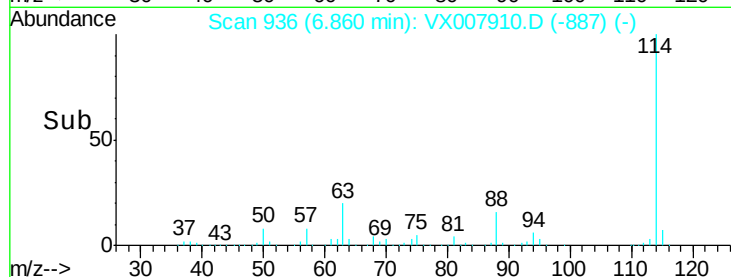
88 16.1 0.0 31.4



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: 51.283 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007910.D

Acq: 08 Mar 2019 03:50

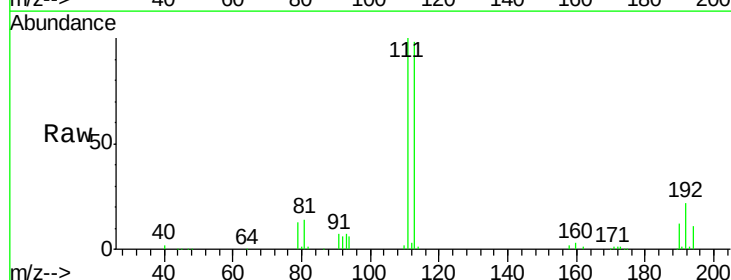
Tgt Ion:113 Resp: 143499

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

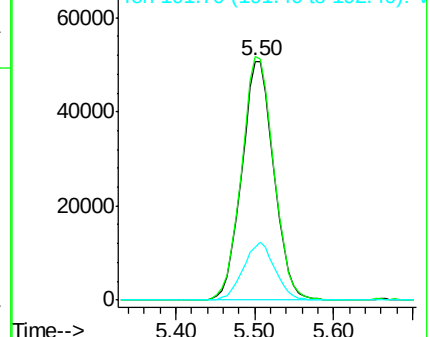
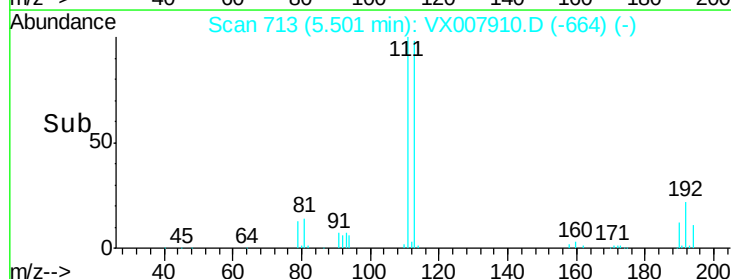
192 23.9 19.4 29.0

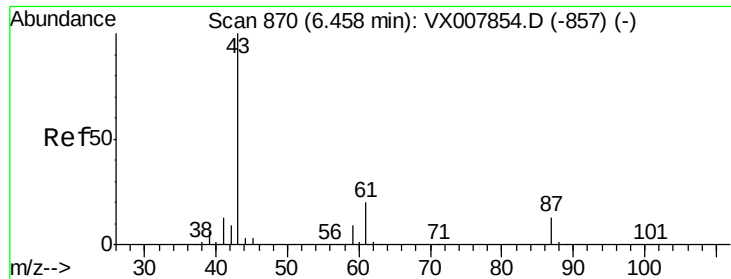


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.416 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007910.D

Acq: 08 Mar 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

TP-6AB-D

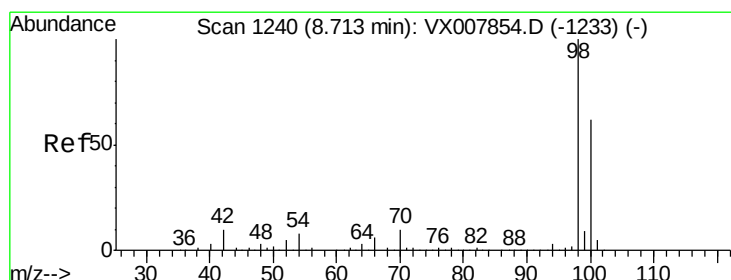
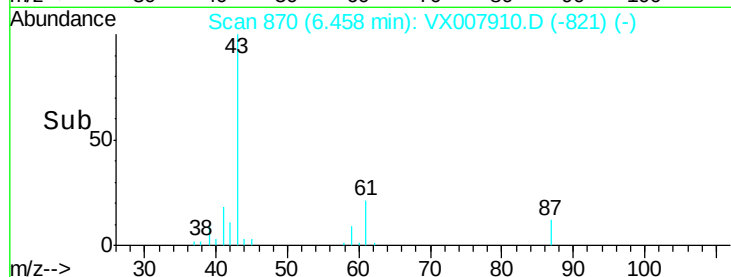
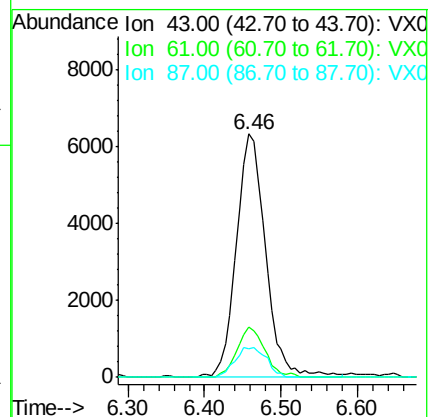
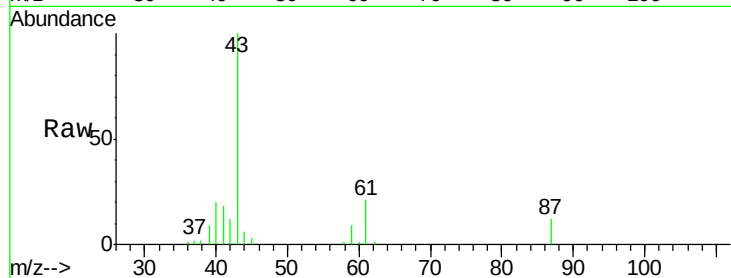
Tot Ion: 43 Resp: 16804

Ion Ratio Lower Upper

43 100

61 19.6 16.3 24.5

87 13.0 10.5 15.7



#50

Toluene-d8

Concen: 53.320 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007910.D

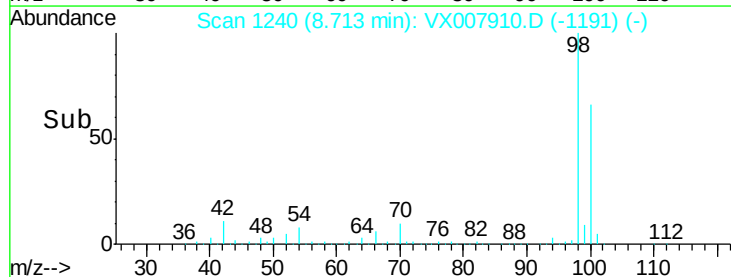
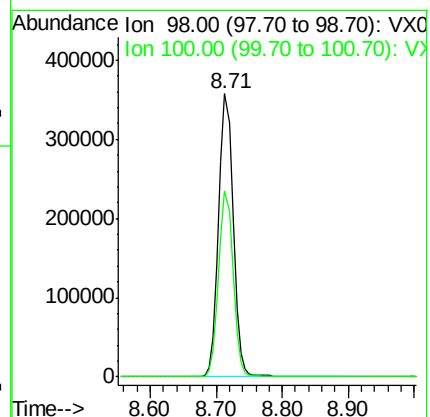
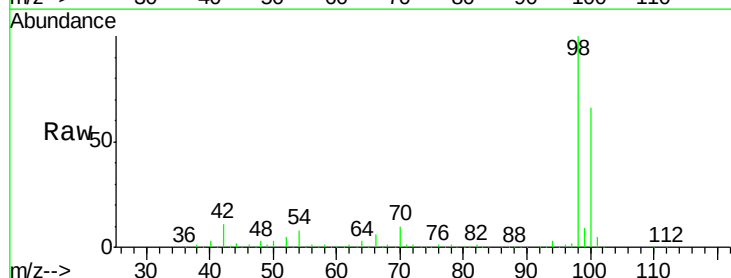
Acq: 08 Mar 2019 03:50

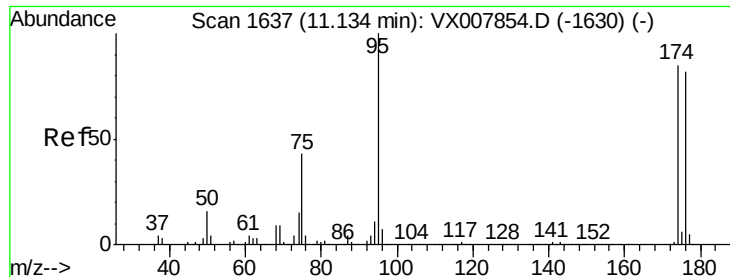
Tgt Ion: 98 Resp: 547942

Ion Ratio Lower Upper

98 100

100 65.4 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 55.778 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007910.D

Acq: 08 Mar 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

TP-6AB-D

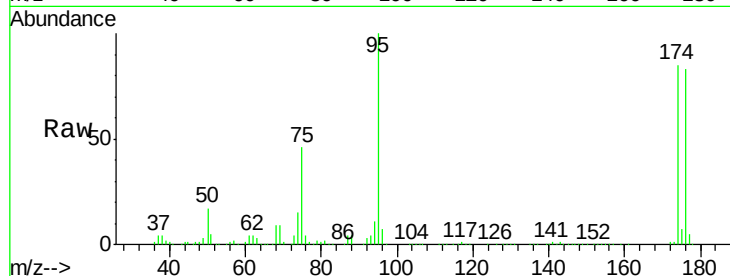
Tot Ion: 95 Resp: 200965

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.8

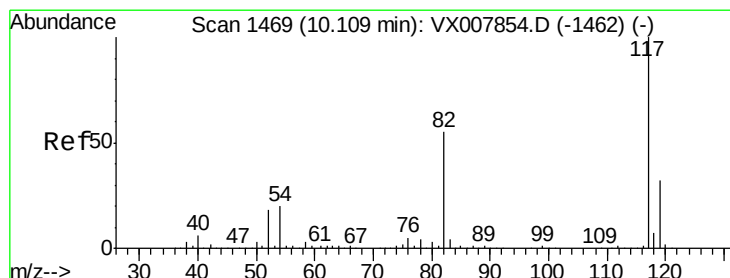
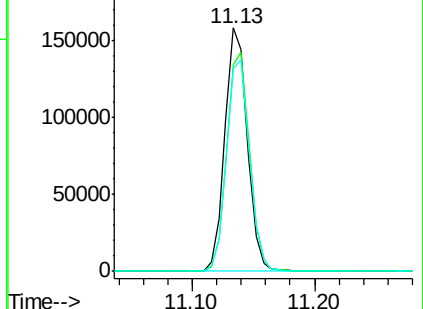
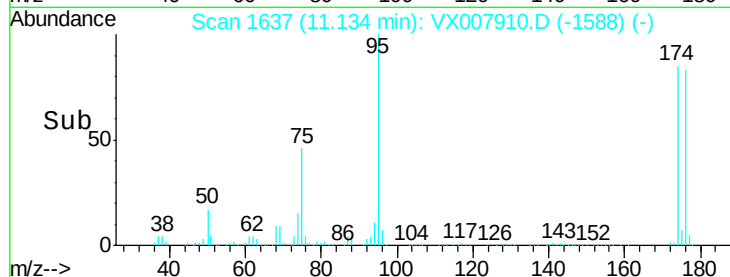
176 88.3 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007910.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007910.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007910.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007910.D

Acq: 08 Mar 2019 03:50

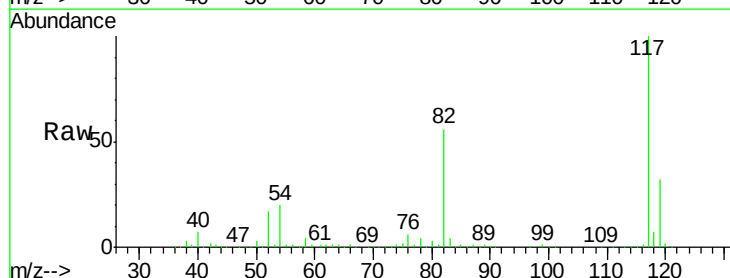
Tgt Ion: 117 Resp: 426182

Ion Ratio Lower Upper

117 100

82 55.7 44.3 66.5

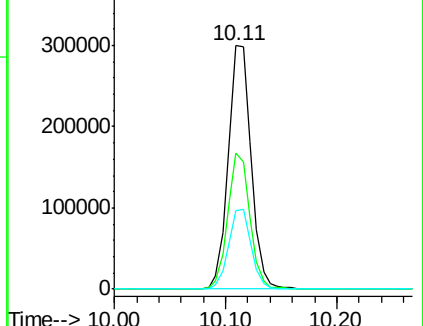
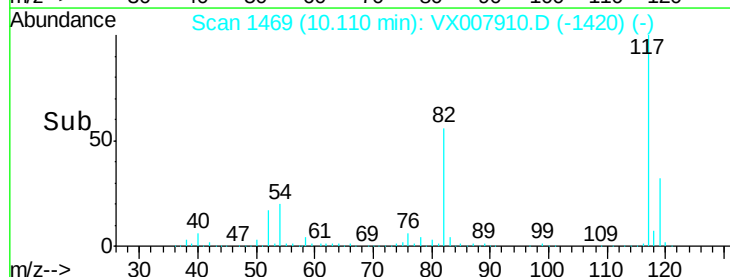
119 32.2 25.3 37.9

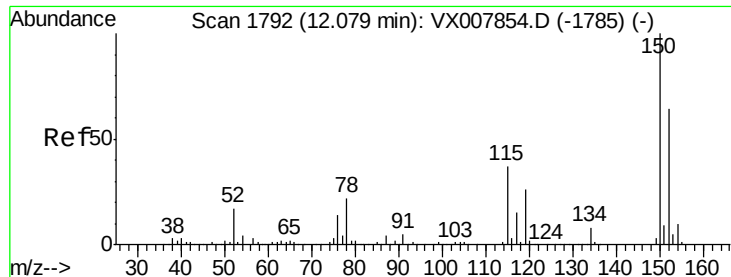


Abundance Ion 116.90 (116.60 to 117.60): VX007910.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007910.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007910.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007910.D

Acq: 08 Mar 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

TP-6AB-D

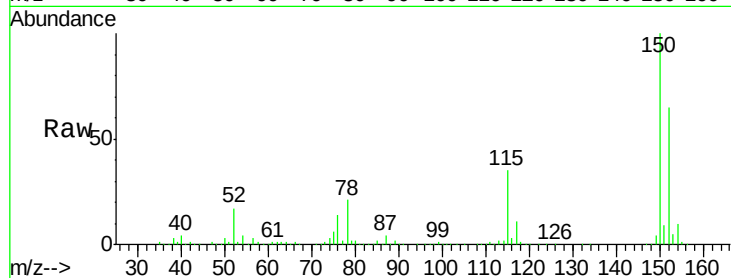
Tot Ion:152 Resp: 205367

Ion Ratio Lower Upper

152 100

115 54.8 38.6 115.7

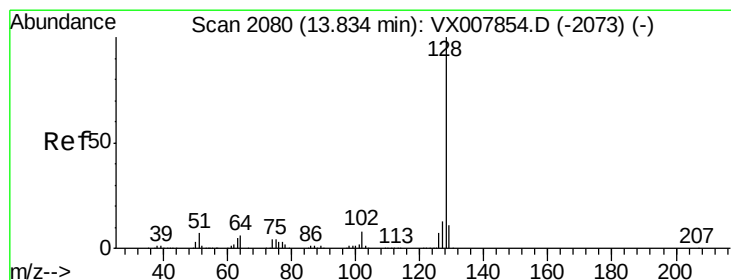
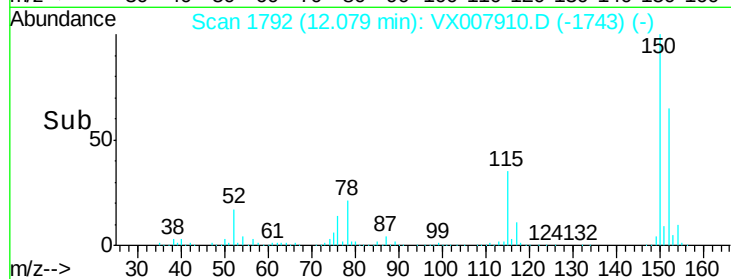
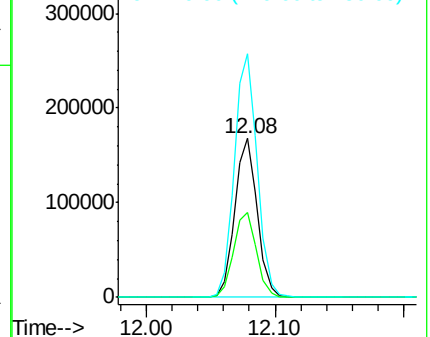
150 155.6 0.0 348.4



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: 2.080 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007910.D

Acq: 08 Mar 2019 03:50

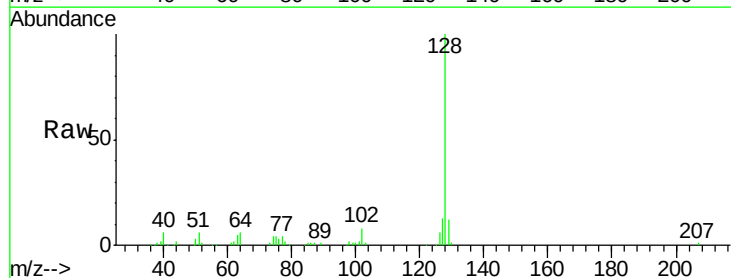
Tgt Ion:128 Resp: 28171

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.3 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

