

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004937.D
 Acq On : 02 Oct 2018 23:29
 Operator : JC/MD
 Sample : J4780-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-04-092818

Quant Time: Oct 03 07:09:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

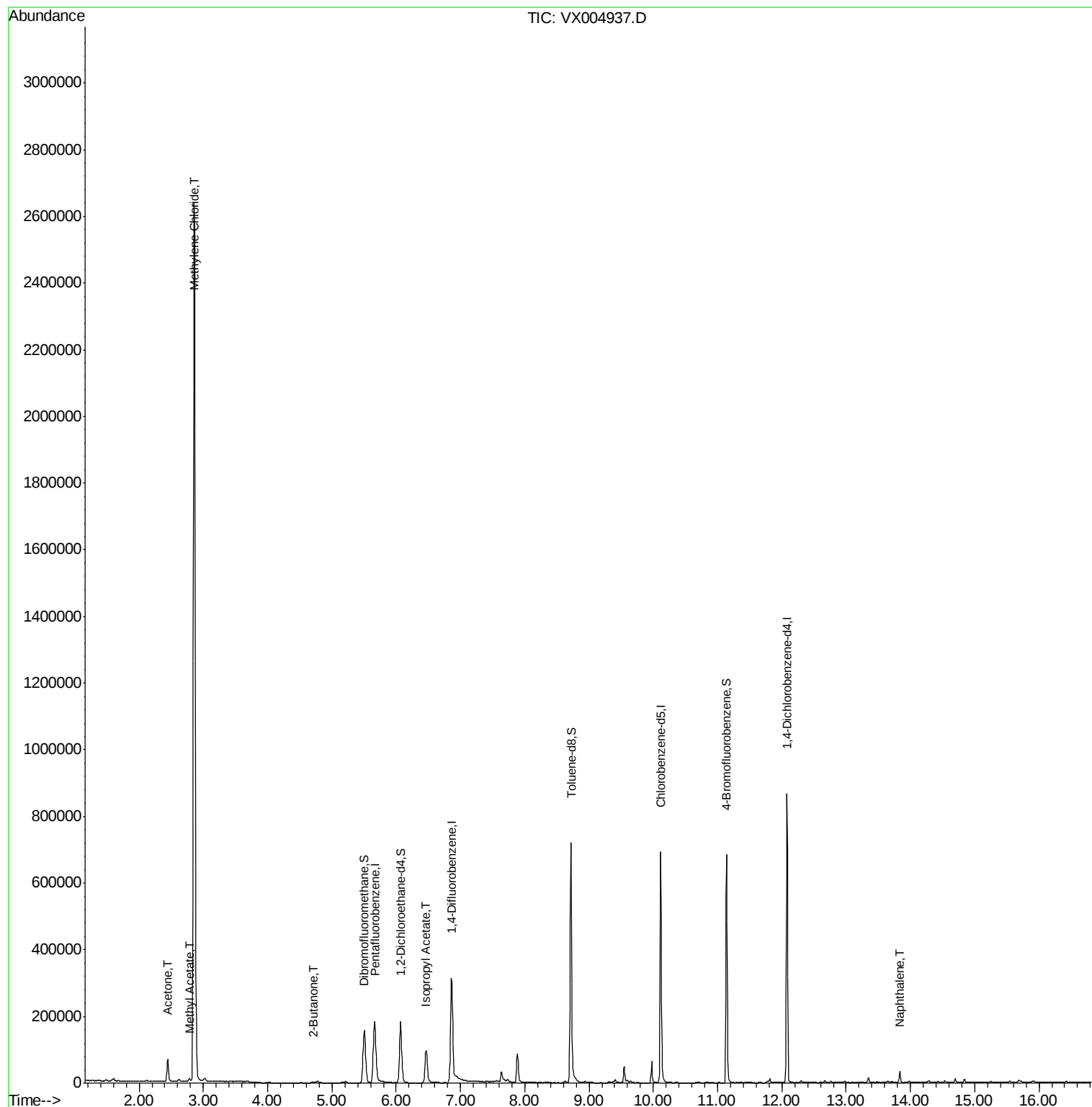
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163311	58.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.32%	
35) Dibromofluoromethane	5.51	113	133555	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	8.72	98	482029	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.14	95	171225	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
Target Compounds						
16) Acetone	2.45	43	70545	43.032	ug/l	94
18) Methyl Acetate	2.78	43	11804	2.842	ug/l	98
20) Methylene Chloride	2.85	84	1201318	511.747	ug/l	88
25) 2-Butanone	4.71	43	5787	2.395	ug/l	90
43) Isopropyl Acetate	6.46	43	137774	18.809	ug/l	98
95) Naphthalene	13.83	128	20605	2.081	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004937.D

Acq: 02 Oct 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

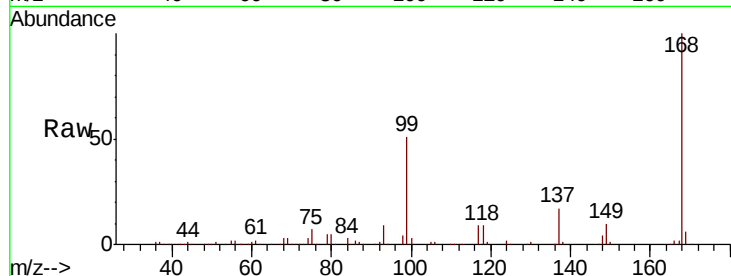
TR-04-092818

Tot Ion:168 Resp: 196571

Ion Ratio Lower Upper

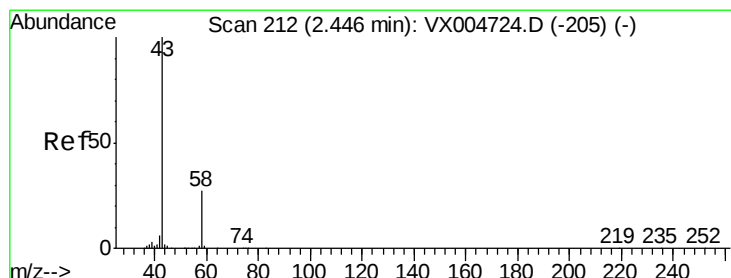
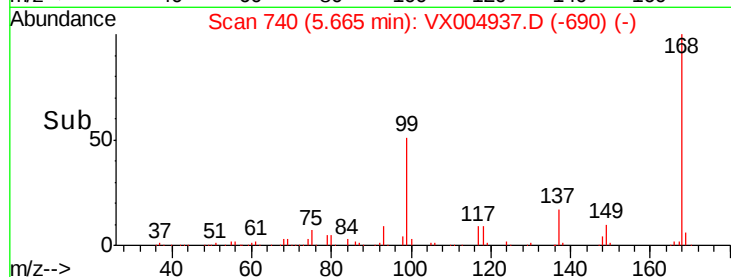
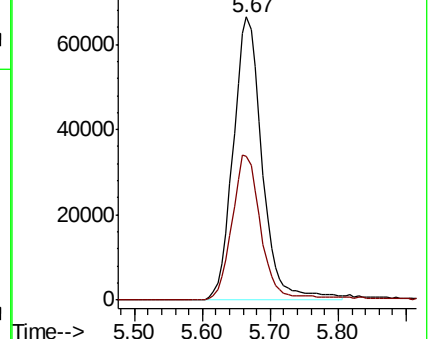
168 100

99 50.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 43.032 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004937.D

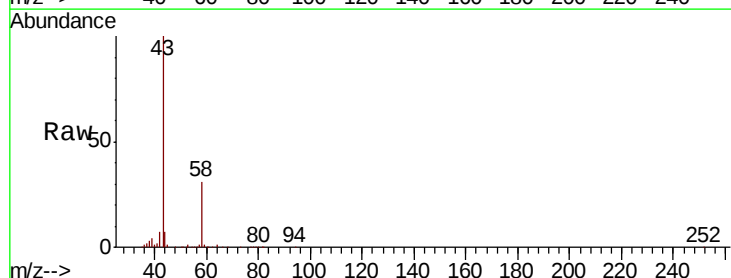
Acq: 02 Oct 2018 23:29

Tgt Ion: 43 Resp: 70545

Ion Ratio Lower Upper

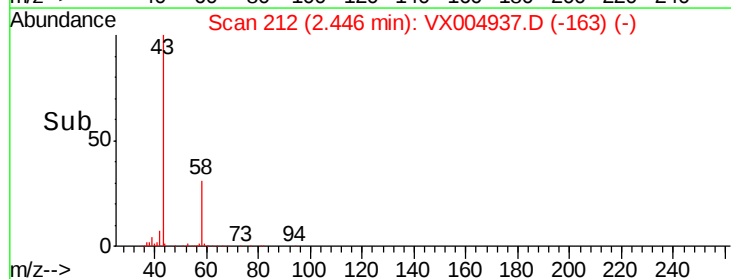
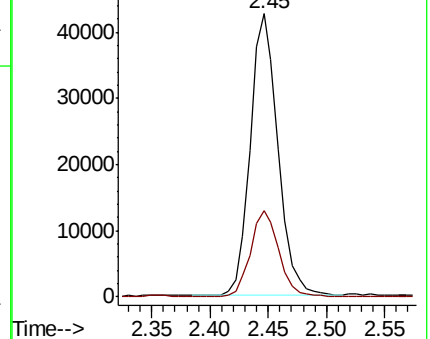
43 100

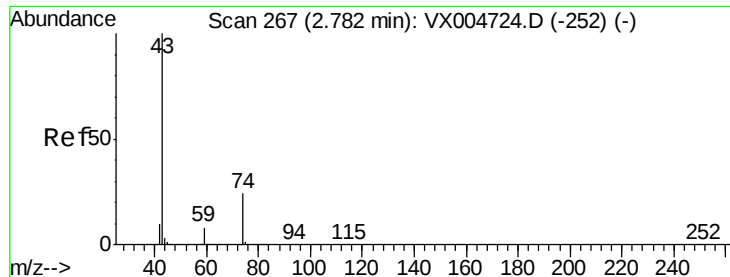
58 30.5 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

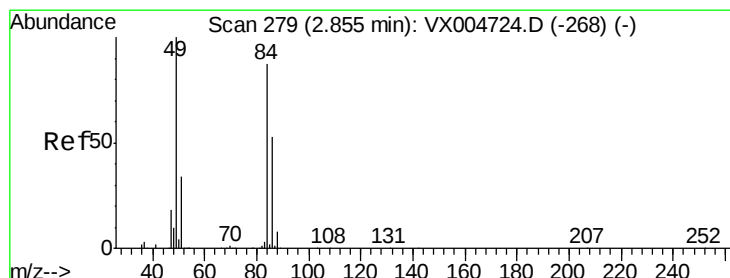
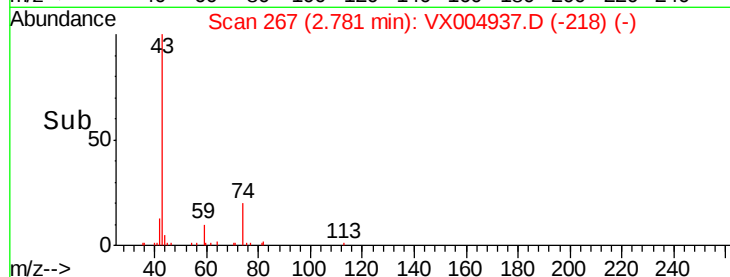
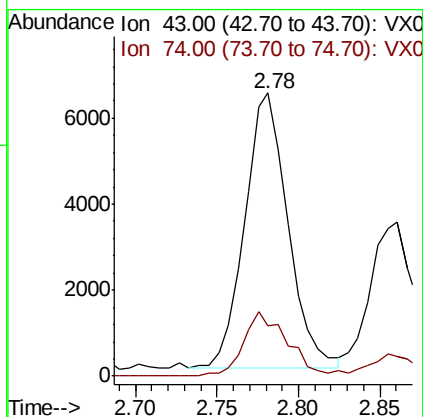
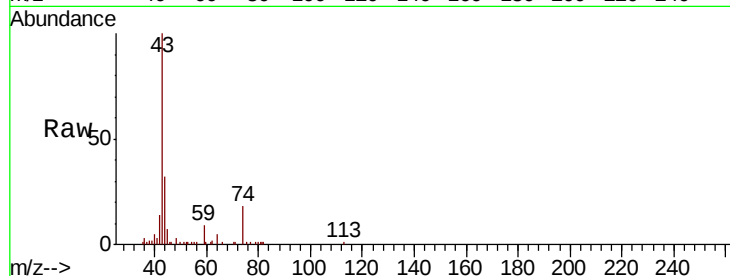




#18
Methvl Acetate
Concen: 2.842 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

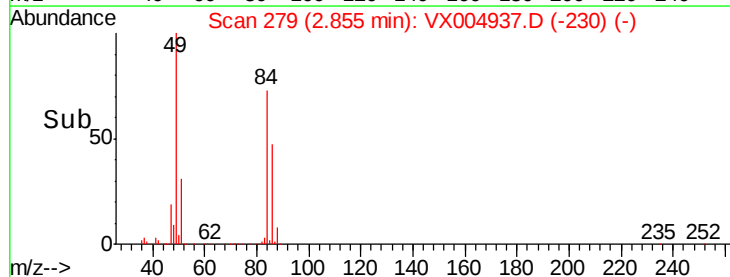
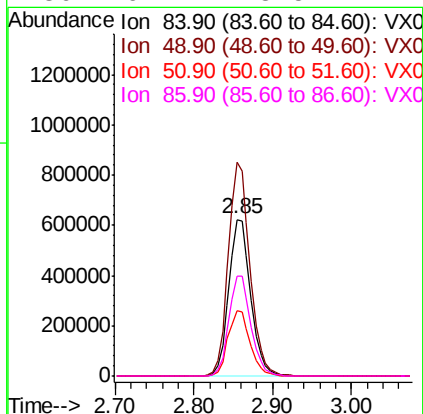
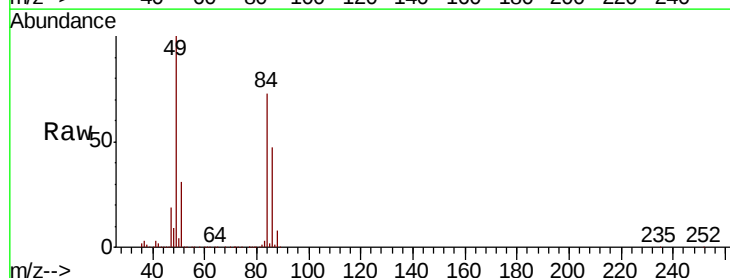
Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

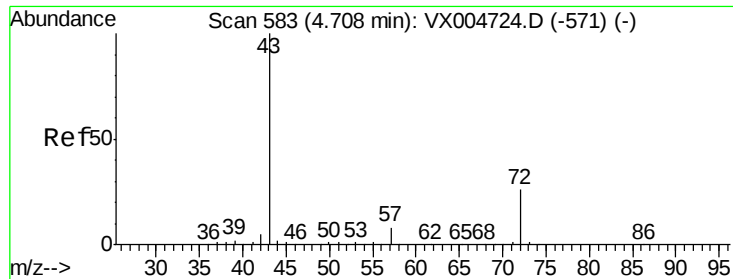
Tot Ion: 43 Resp: 11804
Ion Ratio Lower Upper
43 100
74 23.4 17.8 26.8



#20
Methylene Chloride
Concen: 511.747 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 84 Resp: 1201318
Ion Ratio Lower Upper
84 100
49 136.5 92.3 138.5
51 42.0 31.8 47.6
86 64.2 48.5 72.7

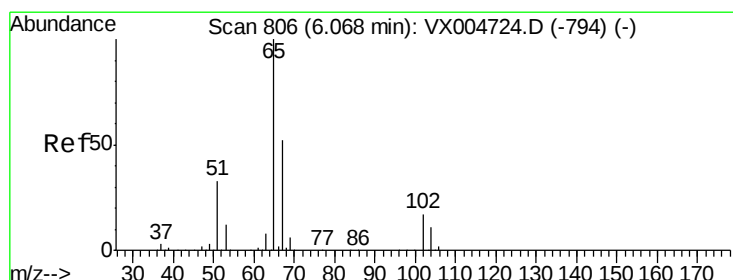
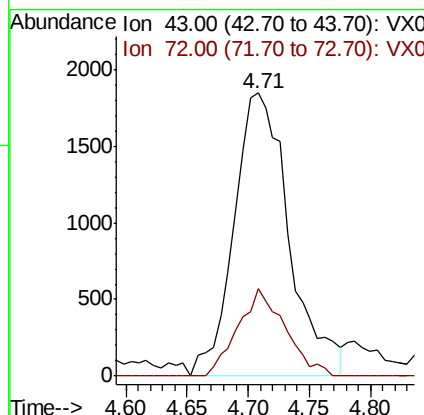
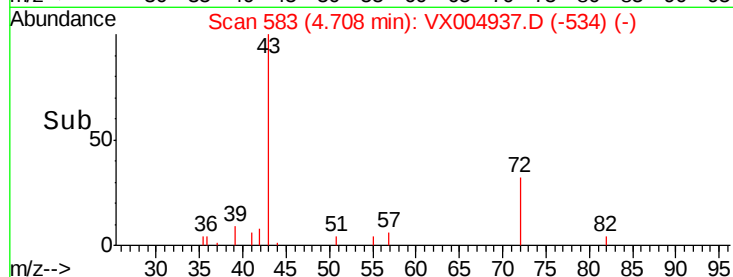
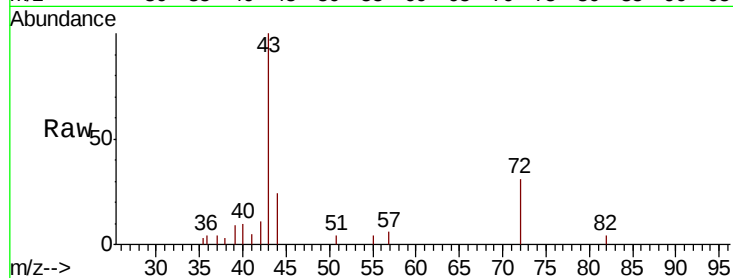




#25
2-Butanone
Concen: 2.395 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

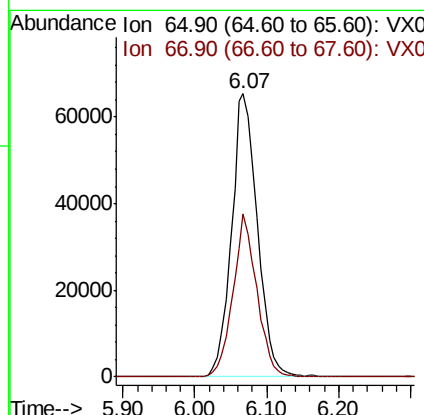
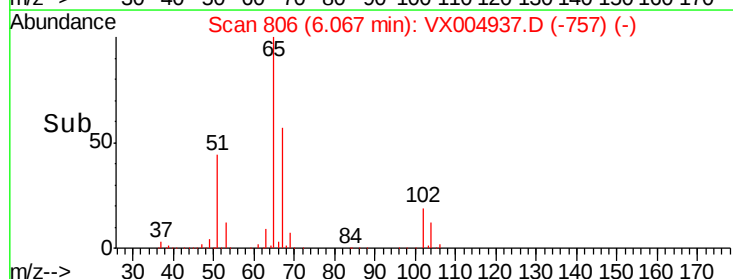
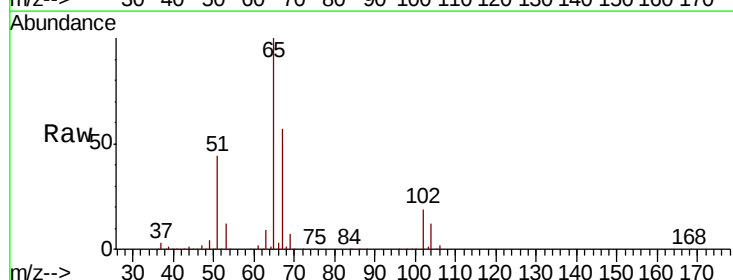
Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

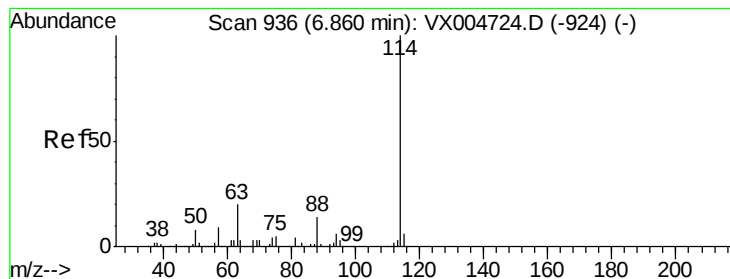
Tot Ion: 43 Resp: 5787
Ion Ratio Lower Upper
43 100
72 30.9 20.8 31.2



#33
1,2-Dichloroethane-d4
Concen: 58.159 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion: 65 Resp: 163311
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004937.D

Acq: 02 Oct 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

TR-04-092818

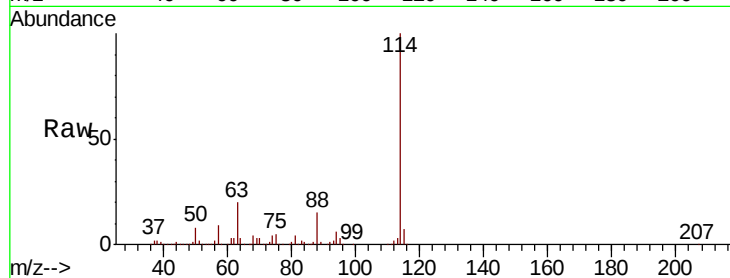
Tot Ion:114 Resp: 330638

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

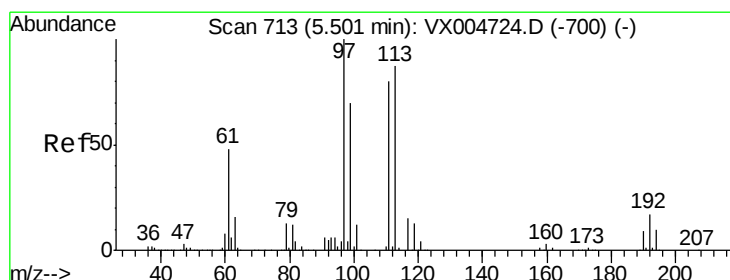
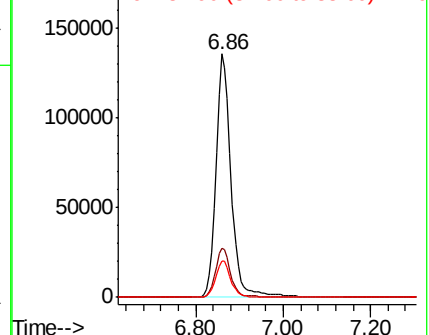
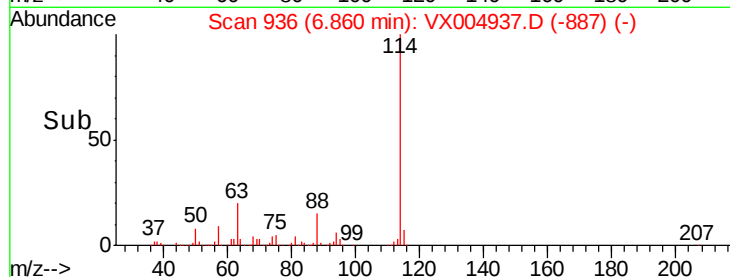
88 15.1 0.0 27.0



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: 47.661 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004937.D

Acq: 02 Oct 2018 23:29

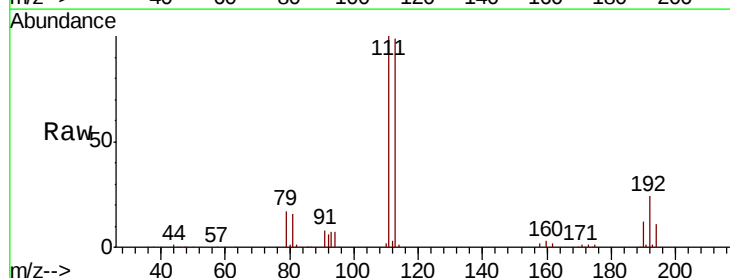
Tgt Ion:113 Resp: 133555

Ion Ratio Lower Upper

113 100

111 102.5 77.0 115.4

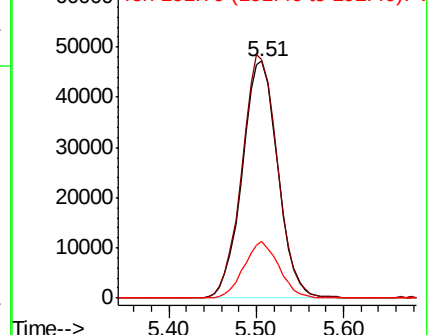
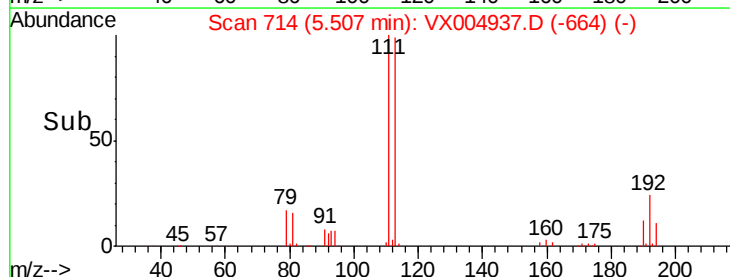
192 23.3 17.0 25.6

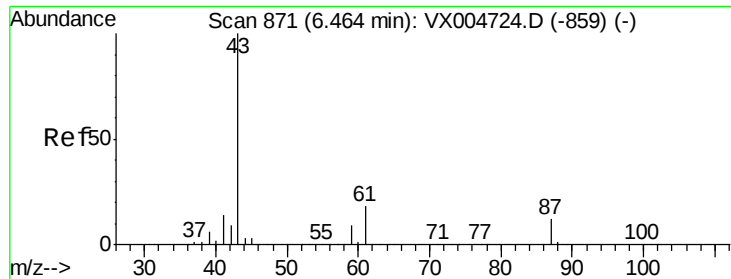


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 18.809 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004937.D

Acq: 02 Oct 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

TR-04-092818

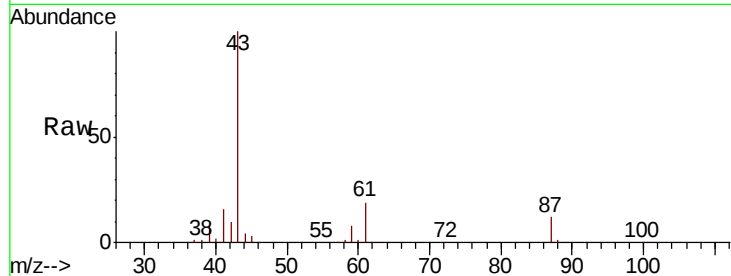
Tot Ion: 43 Resp: 137774

Ion Ratio Lower Upper

43 100

61 18.8 14.2 21.4

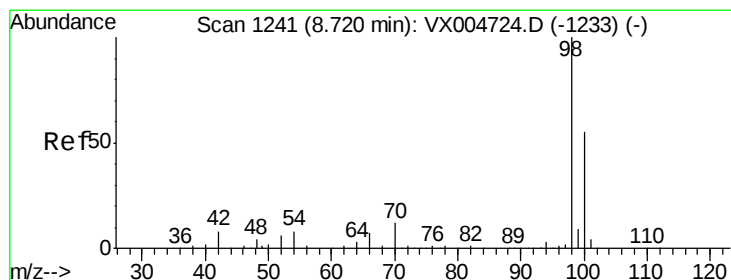
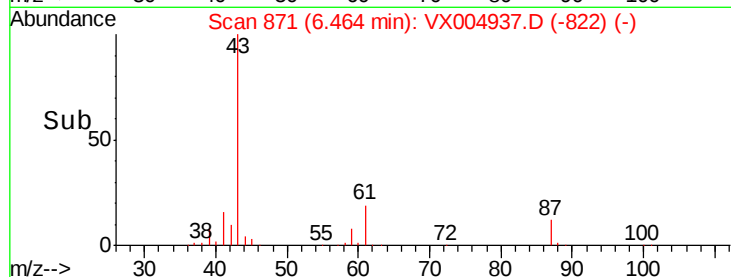
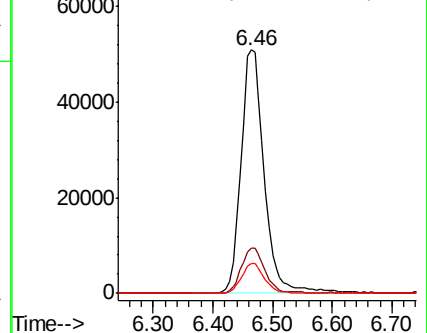
87 12.3 9.3 13.9



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: 51.743 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004937.D

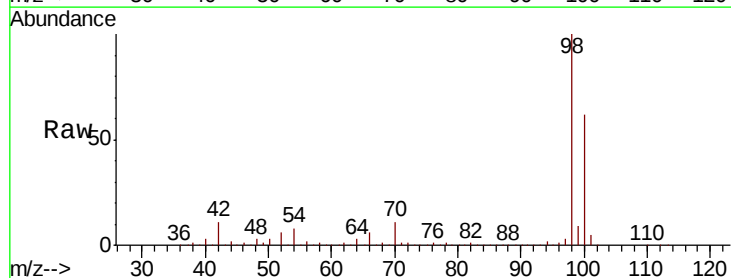
Acq: 02 Oct 2018 23:29

Tgt Ion: 98 Resp: 482029

Ion Ratio Lower Upper

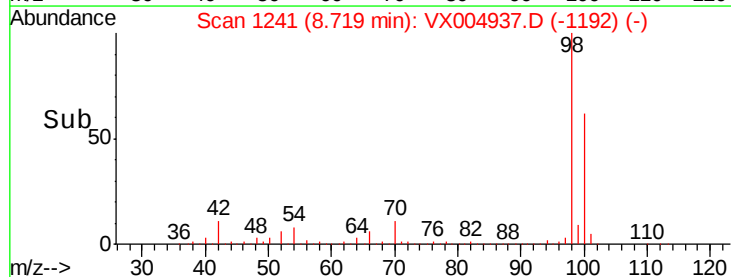
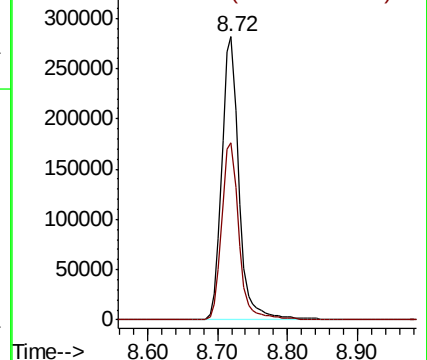
98 100

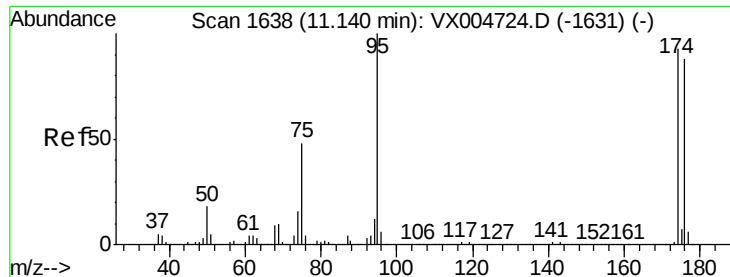
100 63.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.019 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004937.D

Acq: 02 Oct 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

TR-04-092818

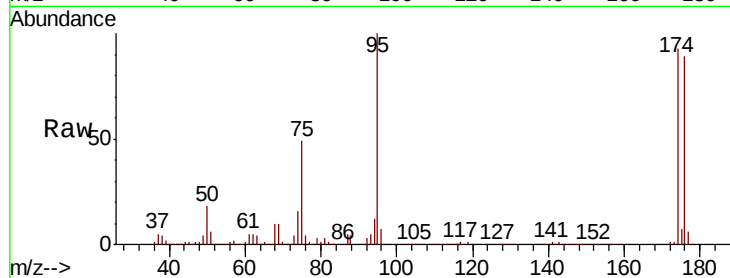
Tot Ion: 95 Resp: 171225

Ion Ratio Lower Upper

95 100

174 92.5 0.0 185.0

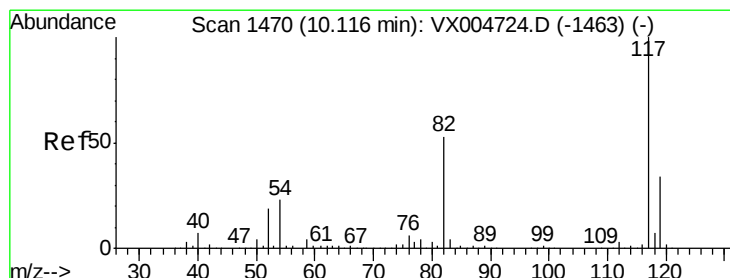
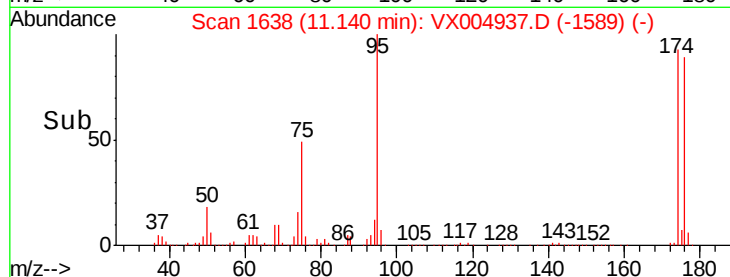
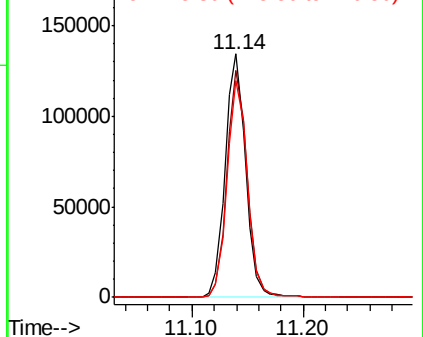
176 88.7 0.0 180.2



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004937.D

Acq: 02 Oct 2018 23:29

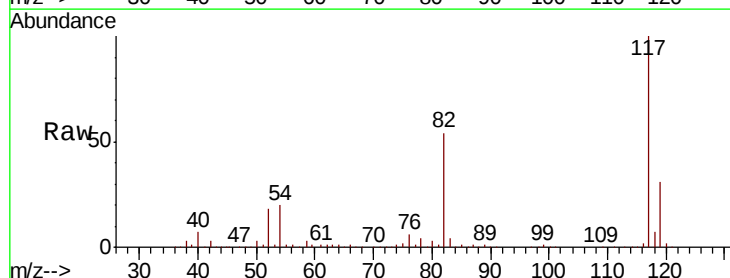
Tgt Ion: 117 Resp: 330876

Ion Ratio Lower Upper

117 100

82 54.1 42.2 63.4

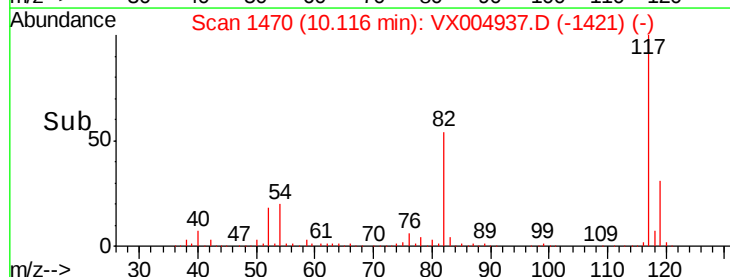
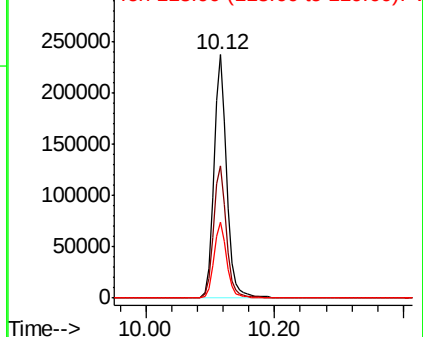
119 31.3 27.4 41.0

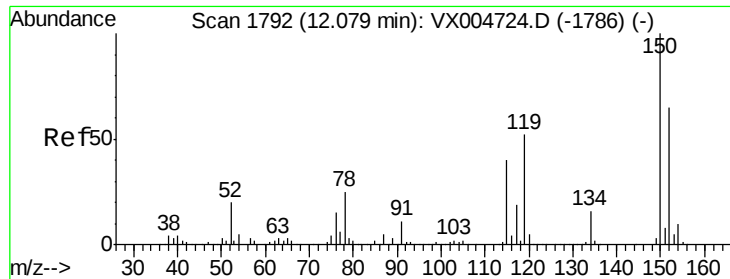


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



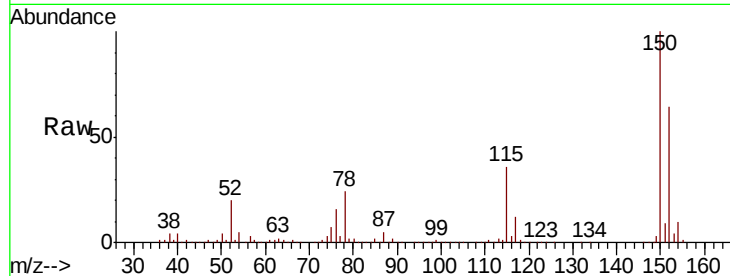


#72

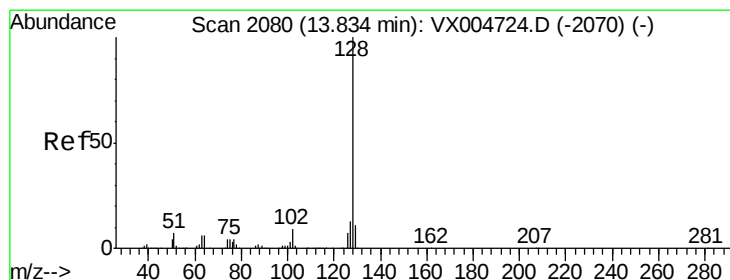
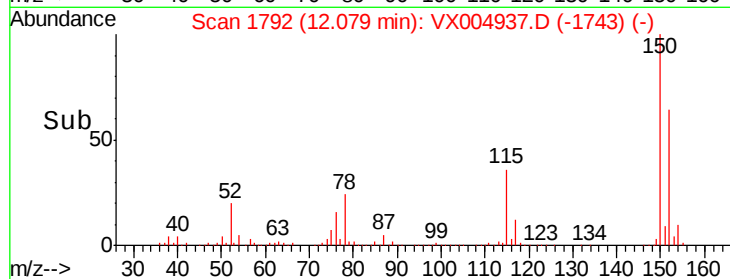
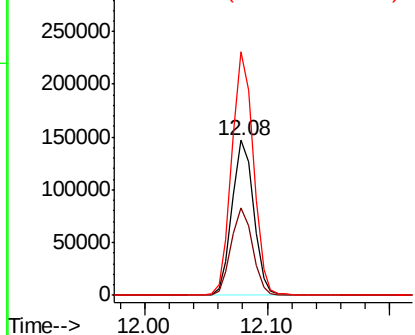
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
TR-04-092818

Tot Ion:152 Resp: 179387
Ion Ratio Lower Upper
152 100
115 55.8 40.2 120.6
150 156.6 0.0 351.0



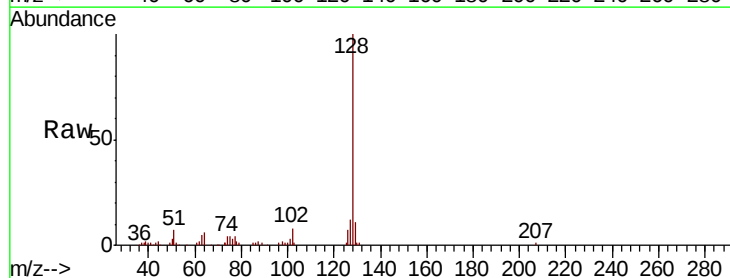
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.081 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004937.D
Acq: 02 Oct 2018 23:29

Tgt Ion:128 Resp: 20605
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 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

