

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010659.D
 Acq On : 03 Jul 2019 22:38
 Operator : JC/SP
 Sample : K3618-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HD-01-070219

Quant Time: Jul 04 05:37:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

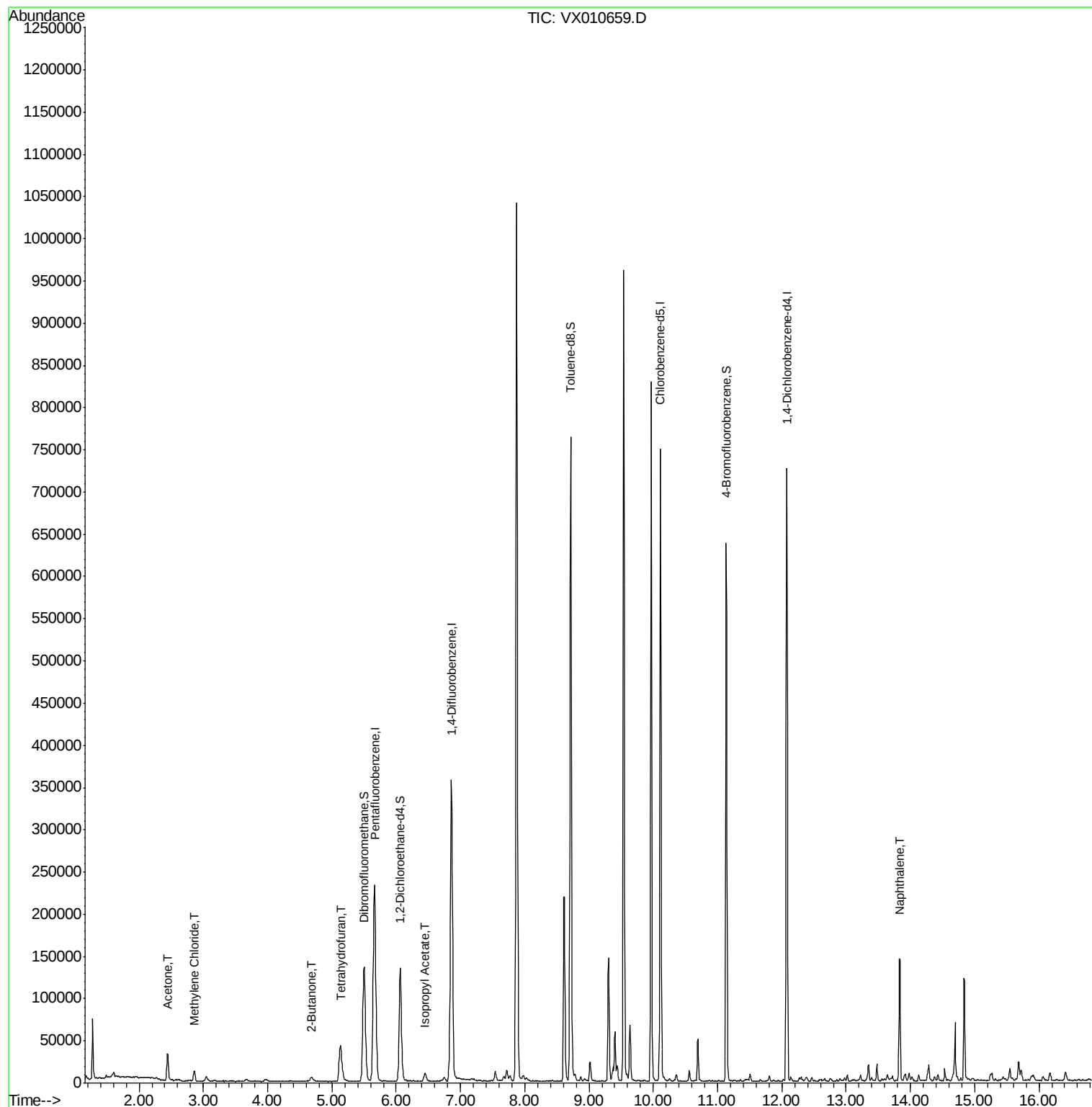
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	240658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119543	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
35) Dibromofluoromethane	5.50	113	115339	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	459781	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.13	95	154627	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
16) Acetone	2.44	43	35278	31.196	ug/l	99
20) Methylene Chloride	2.86	84	6101	2.622	ug/l #	95
25) 2-Butanone	4.68	43	9544	5.754	ug/l	89
29) Tetrahydrofuran	5.13	42	38641	37.608	ug/l	99
43) Isopropyl Acetate	6.45	43	14588	2.840	ug/l	99
95) Naphthalene	13.83	128	94178	8.068	ug/l	99

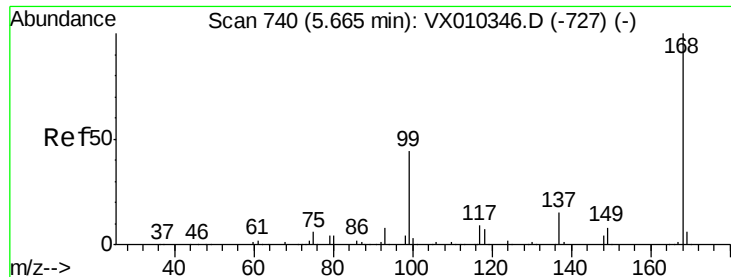
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010659.D

Acq: 03 Jul 2019 22:38

Instrument :

MSVOA_X

ClientSampleId :

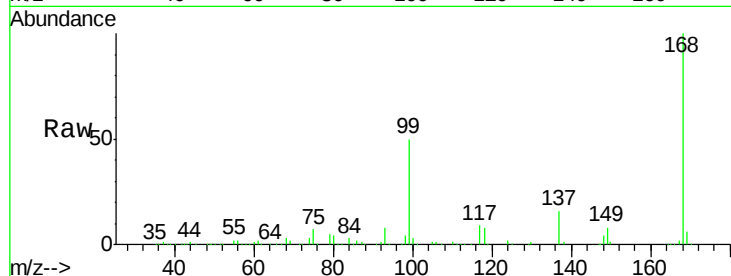
HD-01-070219

Tot Ion:168 Resp: 240658

Ion Ratio Lower Upper

168 100

99 50.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

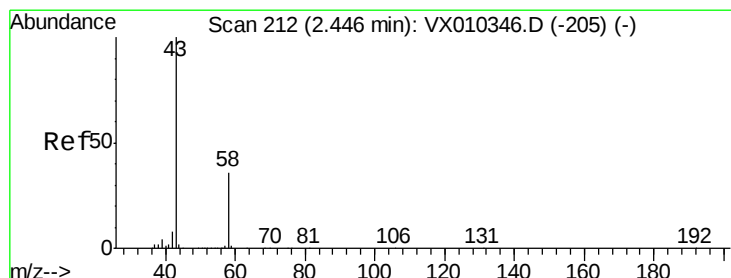
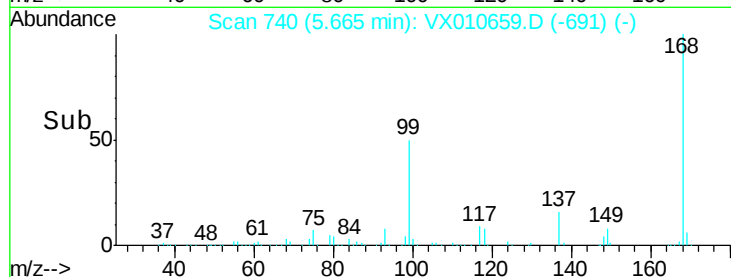
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 31.196 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010659.D

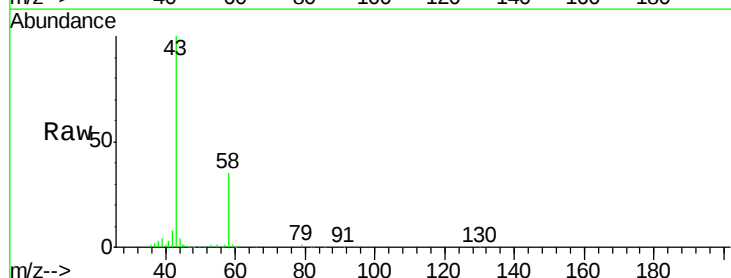
Acq: 03 Jul 2019 22:38

Tgt Ion: 43 Resp: 35278

Ion Ratio Lower Upper

43 100

58 35.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

20000

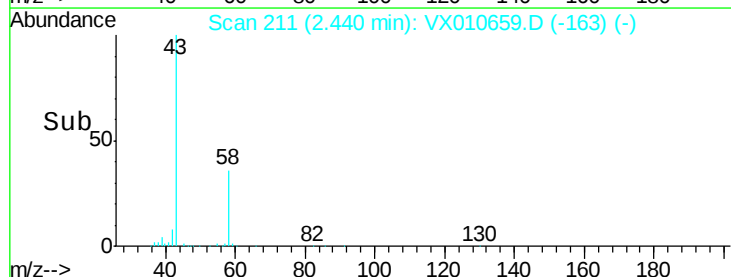
15000

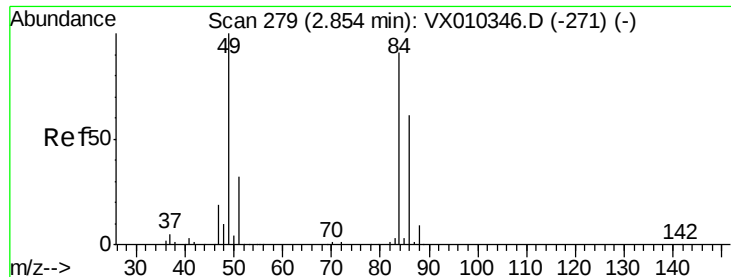
10000

5000

0

Time--> 2.40 2.50

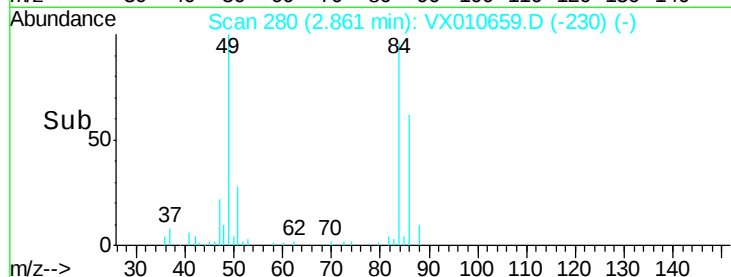
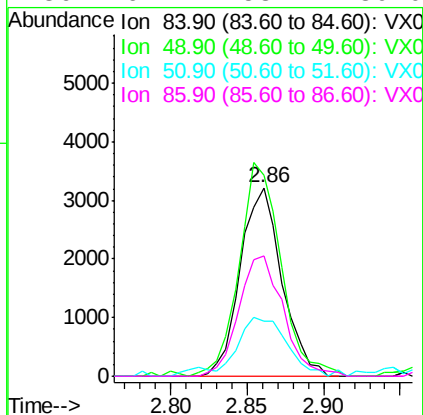
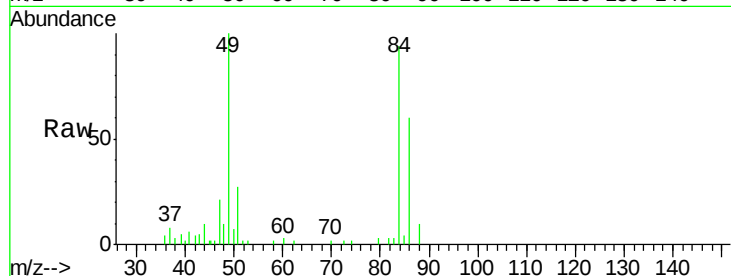




#20
Methvlene Chloride
Concen: 2.622 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010659.D
Acq: 03 Jul 2019 22:38

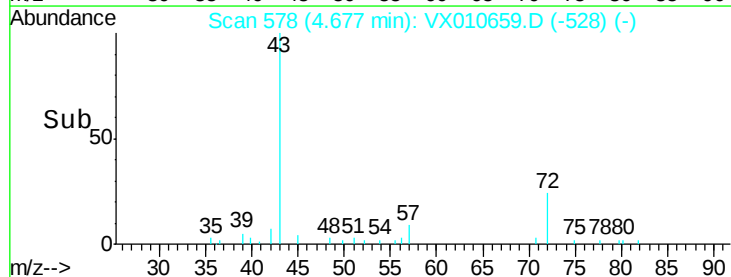
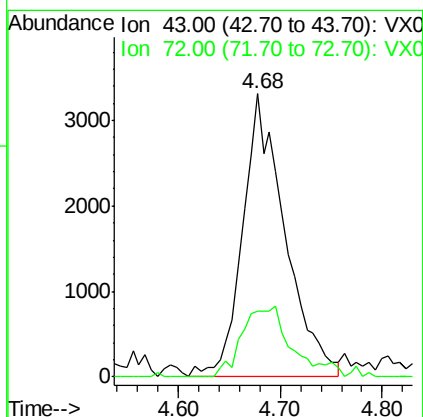
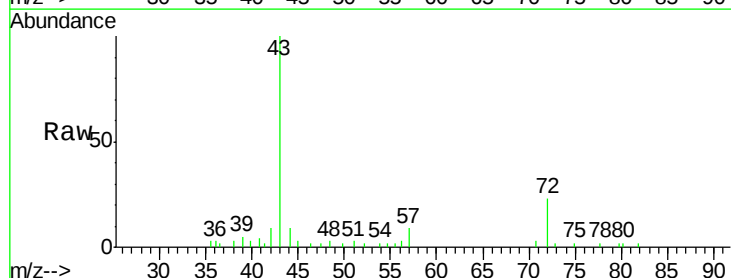
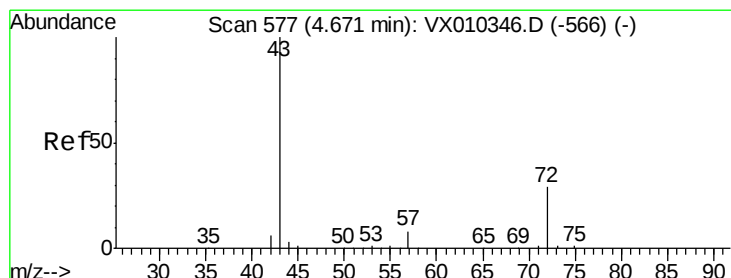
Instrument :
MSVOA_X
ClientSampleId :
HD-01-070219

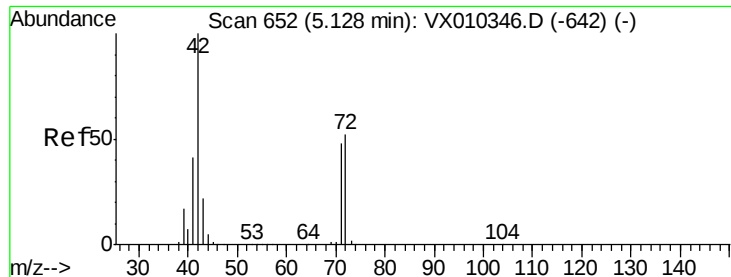
Tot Ion: 84 Resp: 6101
Ion Ratio Lower Upper
84 100
49 106.8 87.5 131.3
51 26.0 27.7 41.5#
86 64.1 53.4 80.0



#25
2-Butanone
Concen: 5.754 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX010659.D
Acq: 03 Jul 2019 22:38

Tgt Ion: 43 Resp: 9544
Ion Ratio Lower Upper
43 100
72 23.3 23.3 34.9

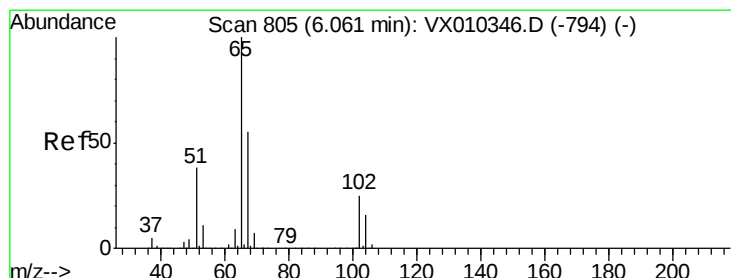
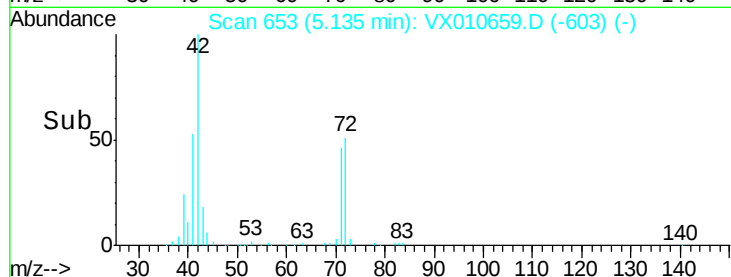
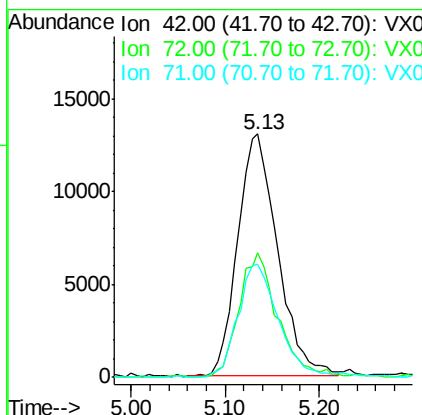
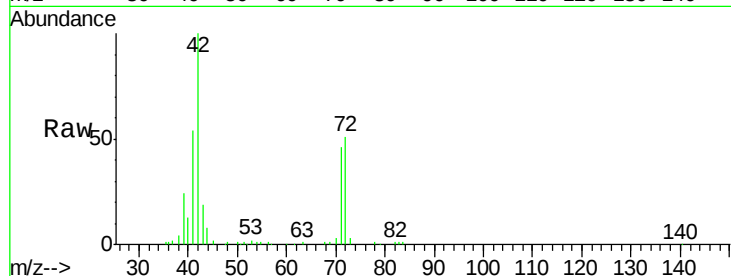




#29
Tetrahydrofuran
Concen: 37.608 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010659.D
Acq: 03 Jul 2019 22:38

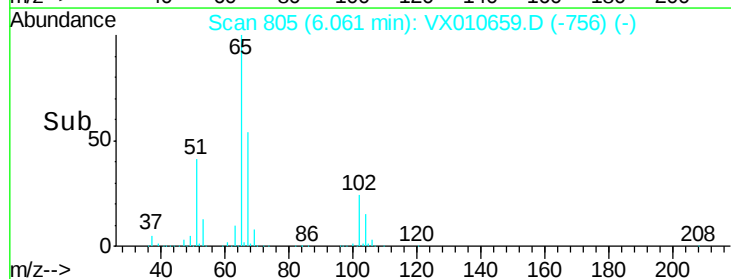
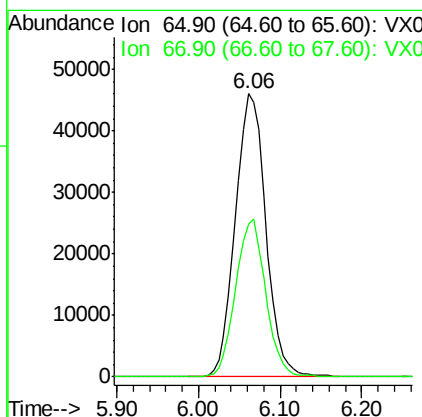
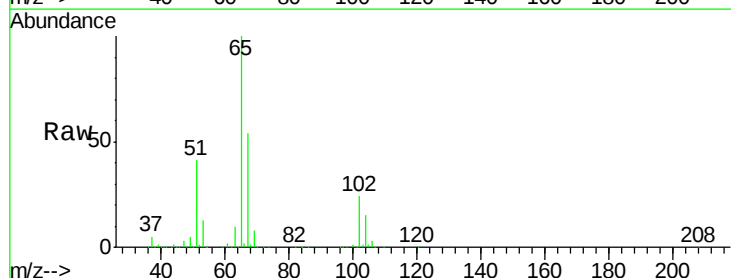
Instrument :
MSVOA_X
ClientSampleId :
HD-01-070219

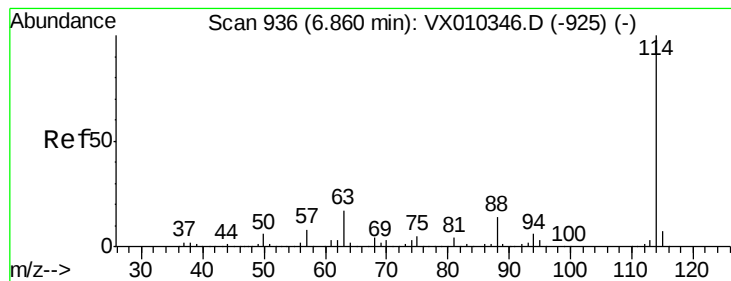
Tot Ion: 42 Resp: 38641
Ion Ratio Lower Upper
42 100
72 50.0 40.6 60.8
71 47.2 37.8 56.8



#33
1,2-Dichloroethane-d4
Concen: 52.979 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010659.D
Acq: 03 Jul 2019 22:38

Tgt Ion: 65 Resp: 119543
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010659.D

Acq: 03 Jul 2019 22:38

Instrument :

MSVOA_X

ClientSampleId :

HD-01-070219

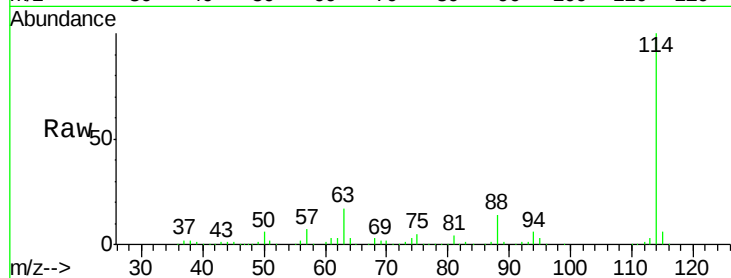
Tot Ion:114 Resp: 379836

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.8

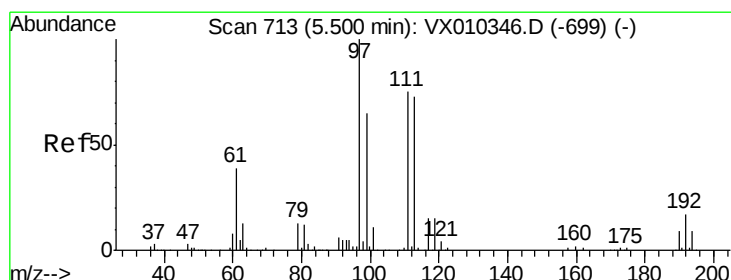
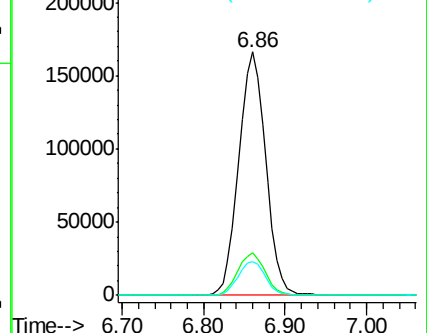
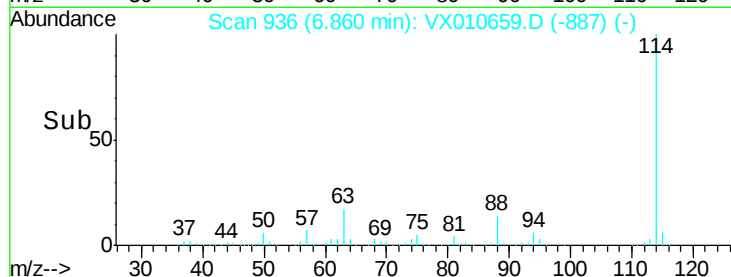
88 13.9 0.0 27.6



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: 49.630 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010659.D

Acq: 03 Jul 2019 22:38

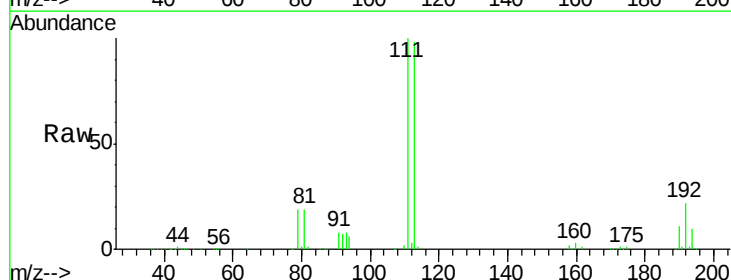
Tgt Ion:113 Resp: 115339

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

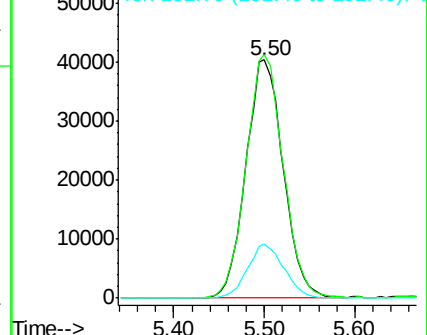
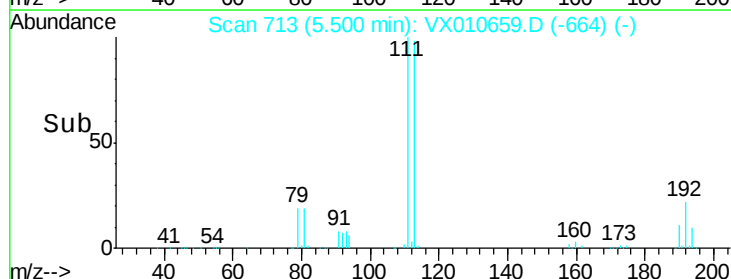
192 22.1 18.6 27.8

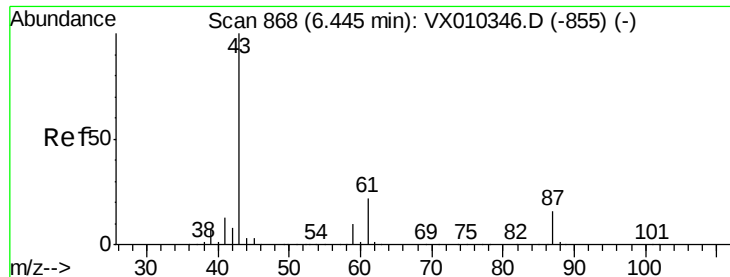


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.840 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010659.D

Acq: 03 Jul 2019 22:38

Instrument :

MSVOA_X

ClientSampleId :

HD-01-070219

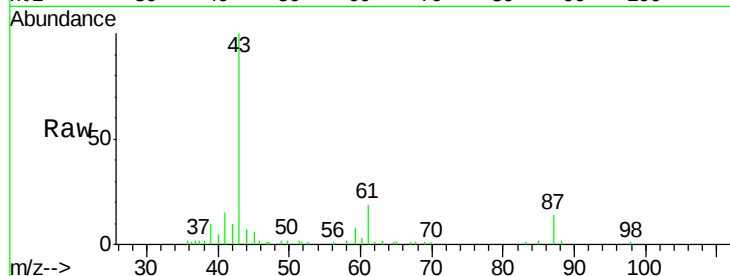
Tot Ion: 43 Resp: 14588

Ion Ratio Lower Upper

43 100

61 22.4 17.8 26.6

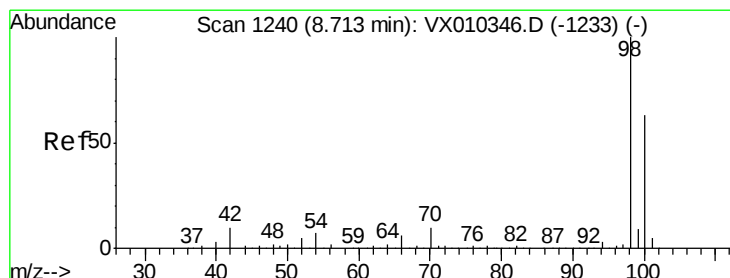
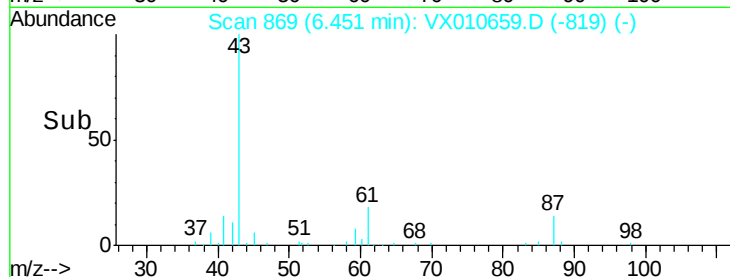
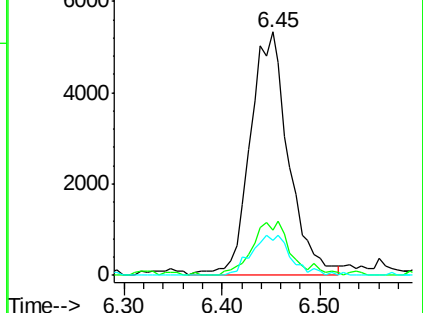
87 16.7 13.0 19.4



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: 51.713 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010659.D

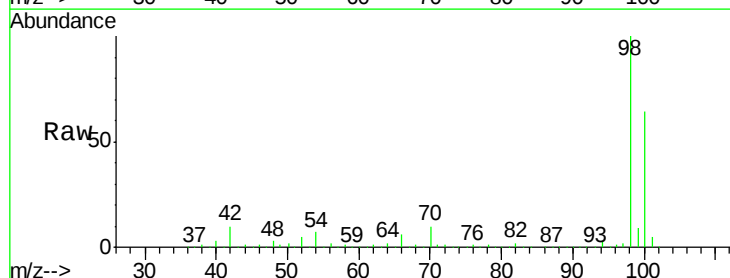
Acq: 03 Jul 2019 22:38

Tgt Ion: 98 Resp: 459781

Ion Ratio Lower Upper

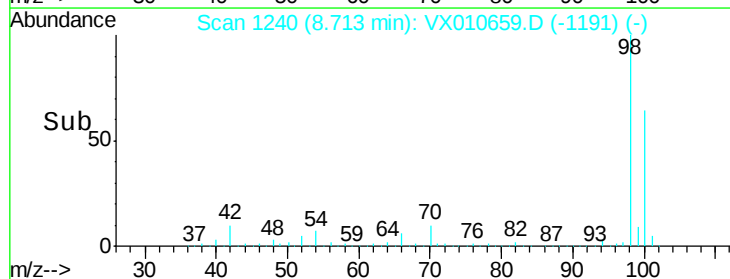
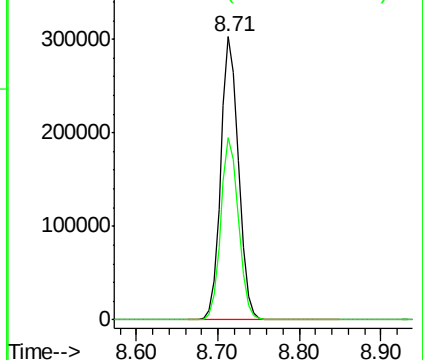
98 100

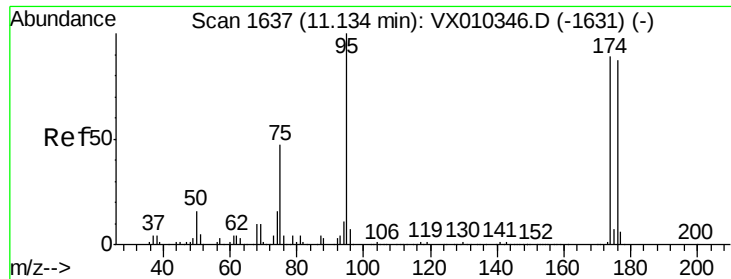
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.172 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010659.D

Acq: 03 Jul 2019 22:38

Instrument :

MSVOA_X

ClientSampleId :

HD-01-070219

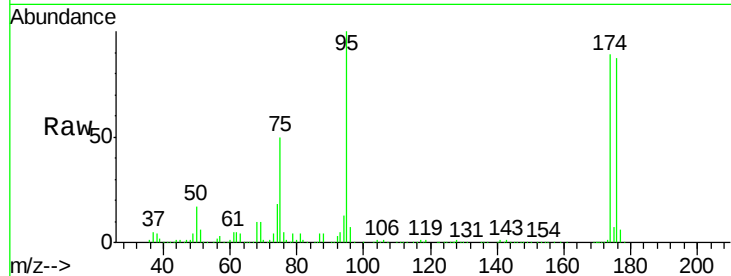
Tot Ion: 95 Resp: 154627

Ion Ratio Lower Upper

95 100

174 92.9 0.0 187.6

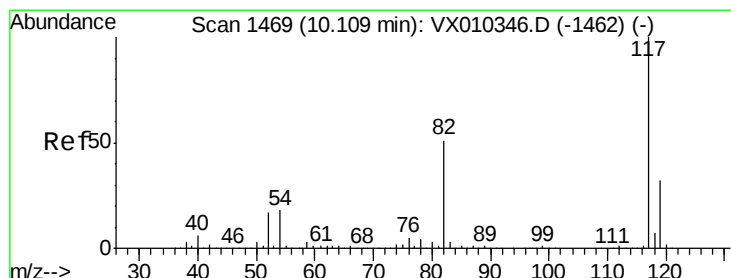
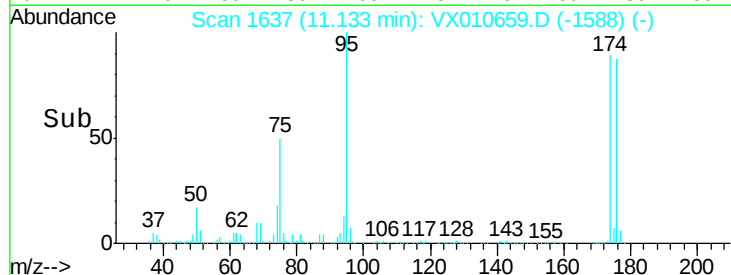
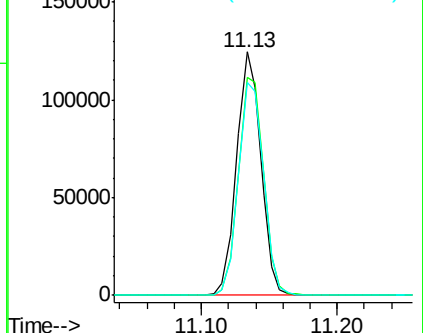
176 91.4 0.0 184.0



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010659.D

Acq: 03 Jul 2019 22:38

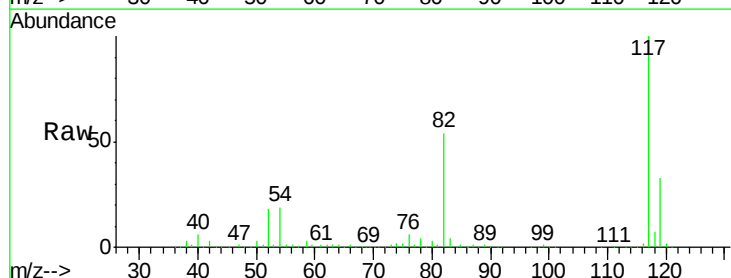
Tgt Ion: 117 Resp: 351580

Ion Ratio Lower Upper

117 100

82 53.8 41.2 61.8

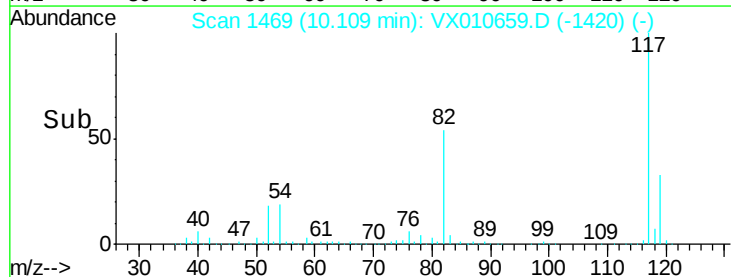
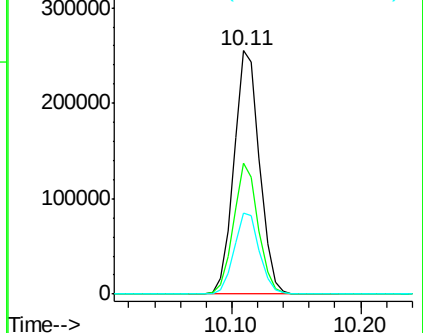
119 33.1 25.5 38.3

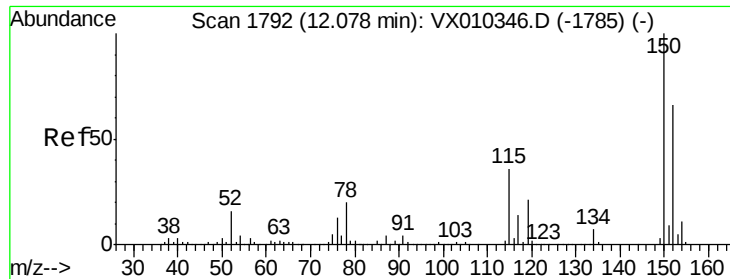


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



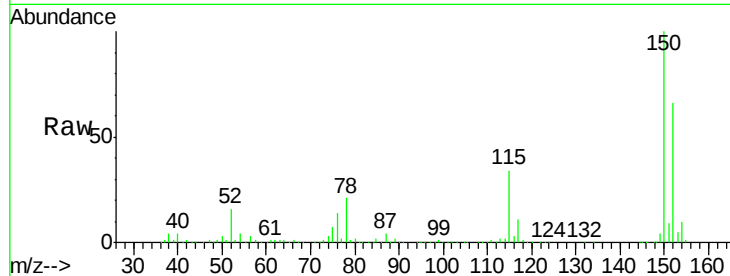


#72

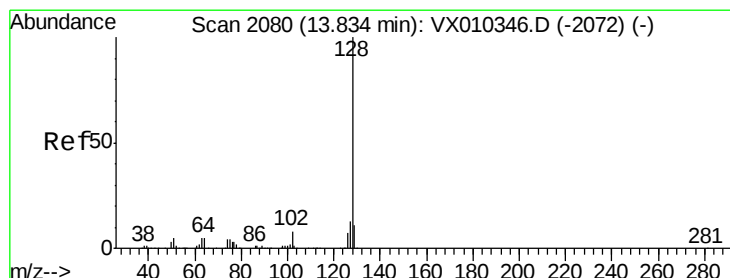
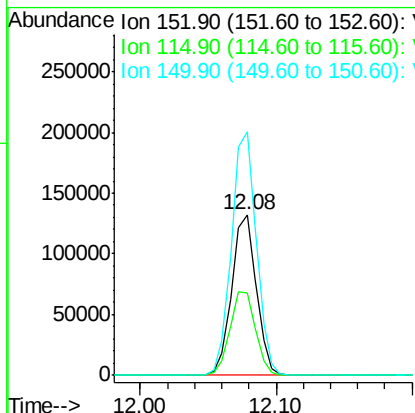
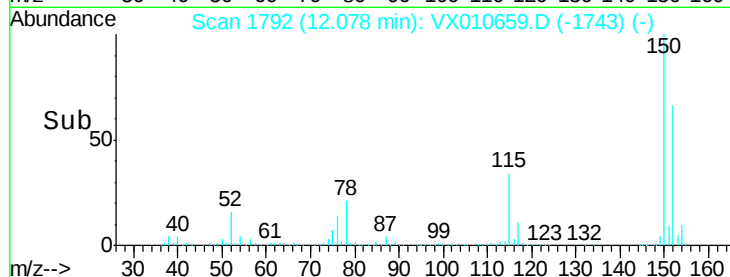
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010659.D
Acq: 03 Jul 2019 22:38

Instrument :
MSVOA_X
ClientSampled :
HD-01-070219

Tot Ion:152 Resp: 166796
Ion Ratio Lower Upper
152 100
115 54.0 38.6 115.7
150 152.9 0.0 347.4



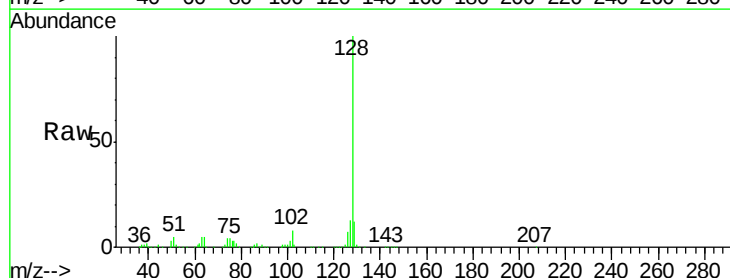
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 8.068 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010659.D
Acq: 03 Jul 2019 22:38

Tgt Ion:128 Resp: 94178
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.5 8.9 13.3



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

