

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
 Data File : VX004462.D
 Acq On : 10 Sep 2018 21:14
 Operator : JC/MD
 Sample : J4769-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-090718-C

Quant Time: Sep 11 02:17:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	456864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244413	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	198824	55.33	ug/l	0.00
Spiked Amount			Recovery	=	110.66%	
35) Dibromofluoromethane	5.50	113	176570	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
50) Toluene-d8	8.71	98	660798	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	233742	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

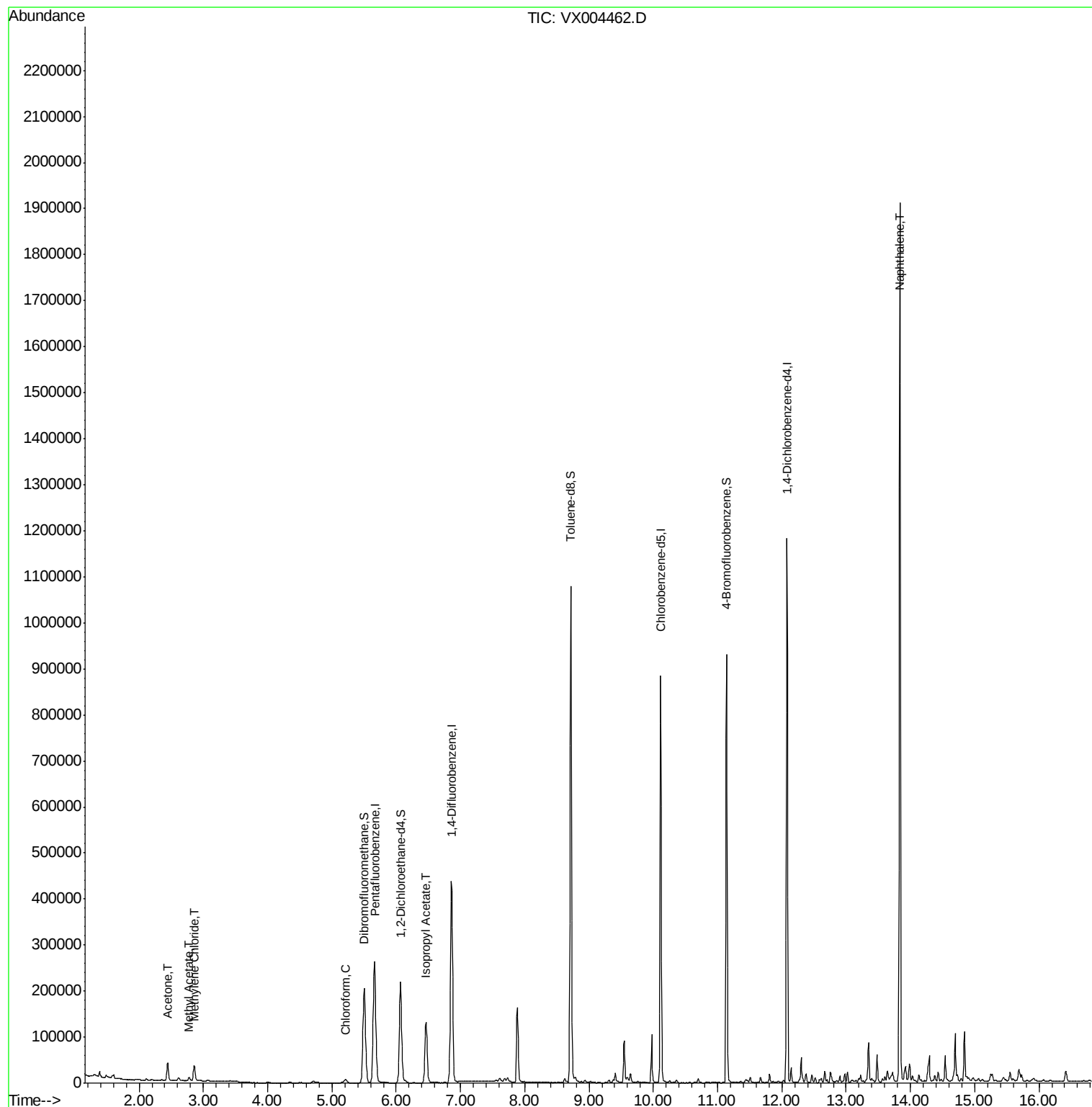
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	39545	19.51	ug/l	100
18) Methyl Acetate	2.78	43	9597	1.80	ug/l	100
20) Methylene Chloride	2.86	84	15331	4.43	ug/l	92
30) Chloroform	5.22	83	8463	1.45	ug/l	89
43) Isopropyl Acetate	6.46	43	168873	21.76	ug/l	99
95) Naphthalene	13.83	128	1149088	72.06	ug/l	100

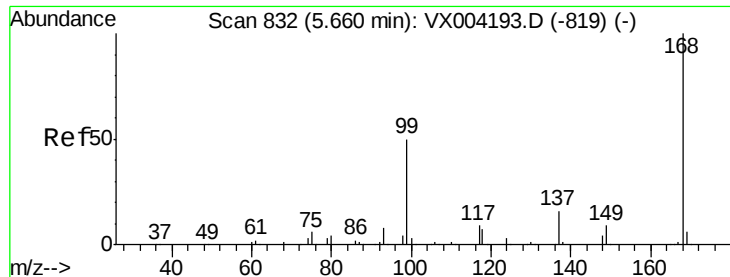
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004462.D

Acq: 10 Sep 2018 21:14

Instrument :

MSVOA_X

ClientSampleId :

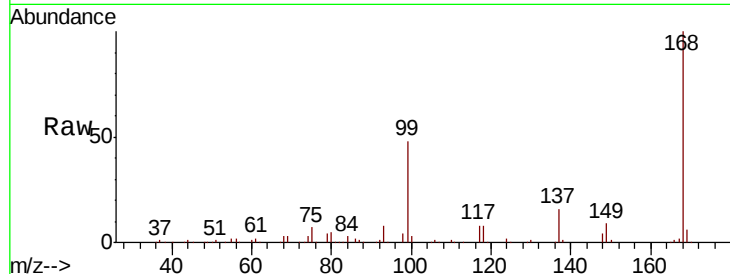
HR-05-090718-C

Tot Ion:168 Resp: 275698

Ion Ratio Lower Upper

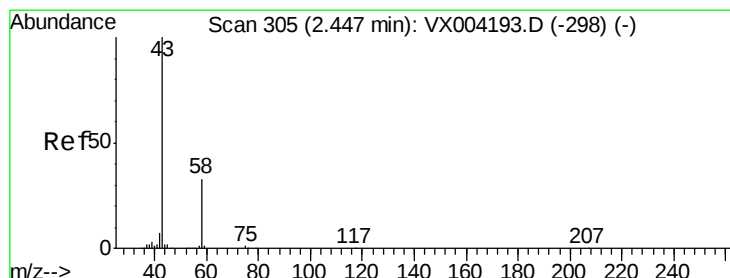
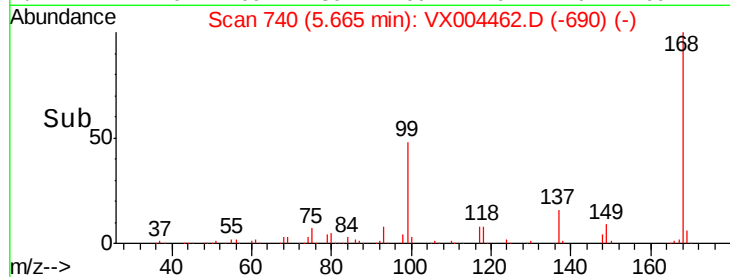
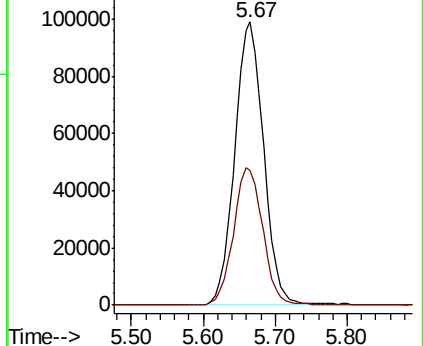
168 100

99 47.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 19.51 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004462.D

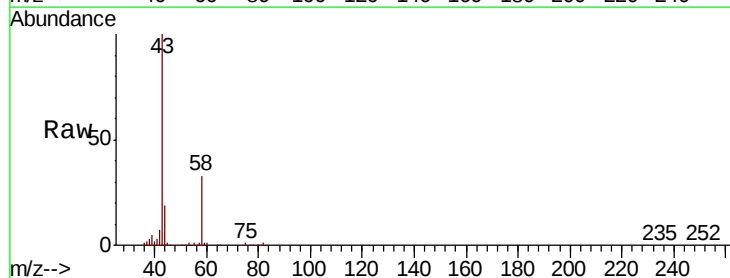
Acq: 10 Sep 2018 21:14

Tgt Ion: 43 Resp: 39545

Ion Ratio Lower Upper

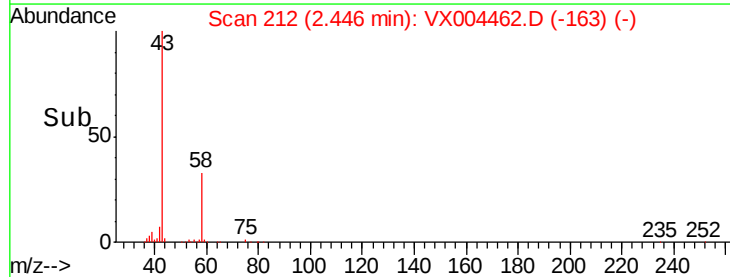
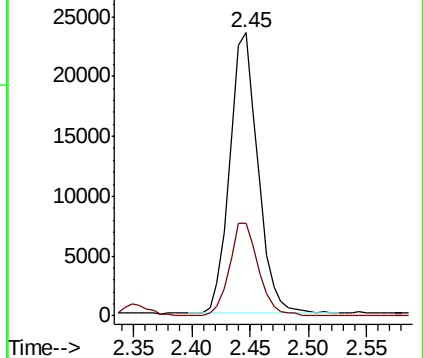
43 100

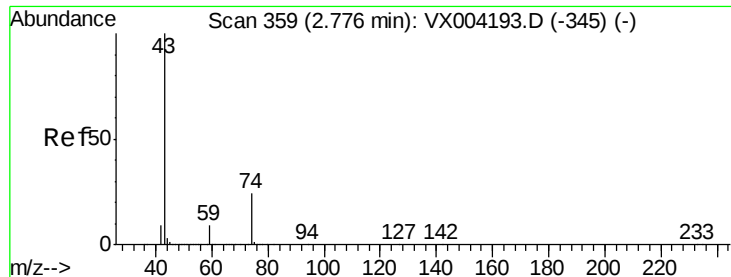
58 33.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

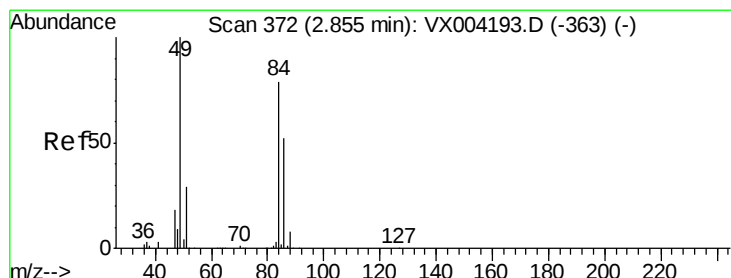
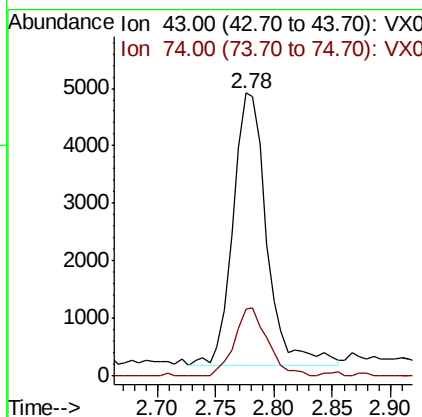
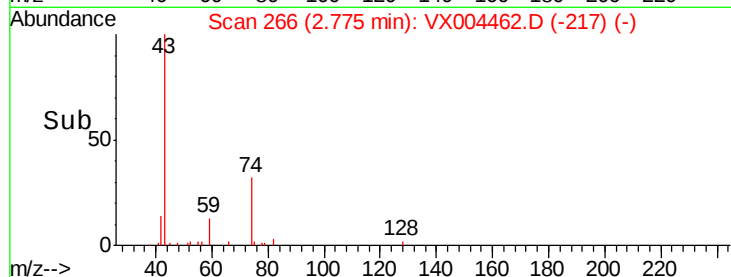
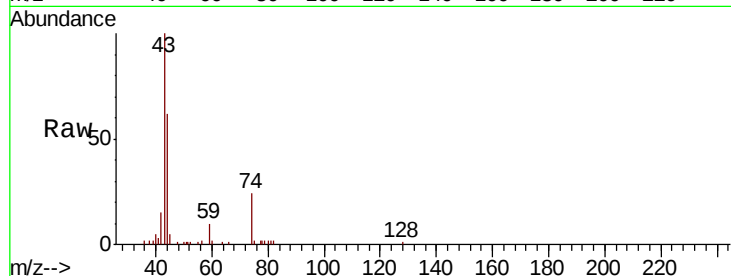




#18
Methvl Acetate
Concen: 1.80 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004462.D
Acq: 10 Sep 2018 21:14

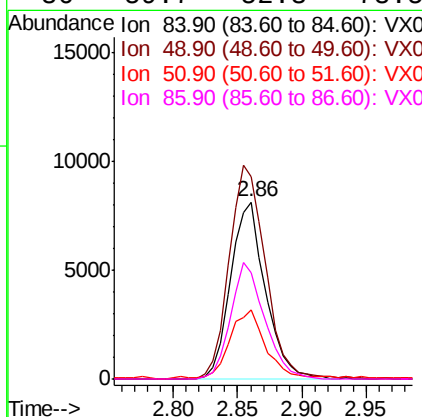
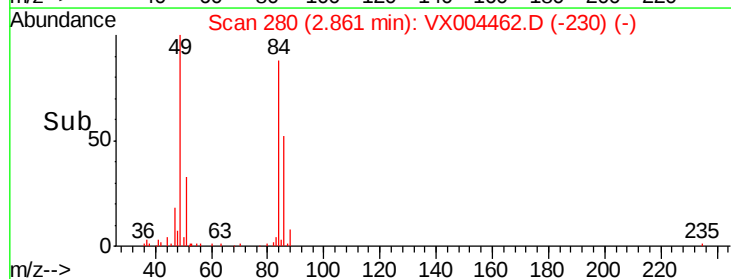
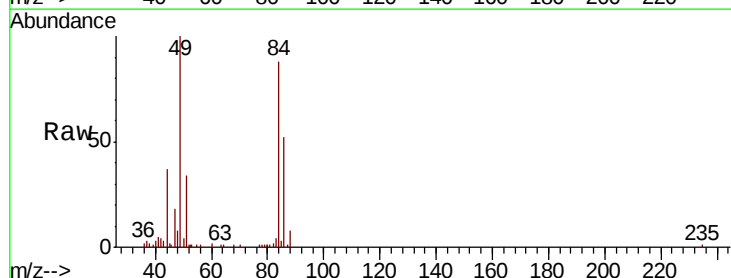
Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-C

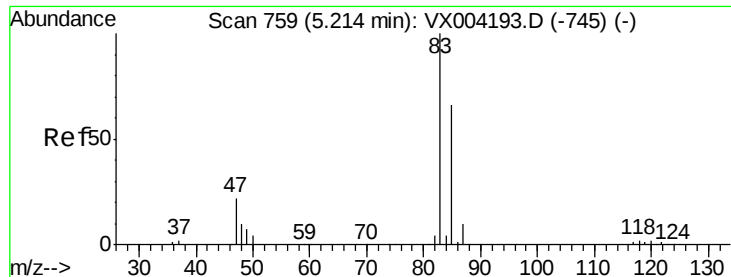
Tot Ion: 43 Resp: 9597
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2



#20
Methylene Chloride
Concen: 4.43 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004462.D
Acq: 10 Sep 2018 21:14

Tgt Ion: 84 Resp: 15331
Ion Ratio Lower Upper
84 100
49 114.2 101.2 151.8
51 38.2 29.5 44.3
86 59.7 52.3 78.5

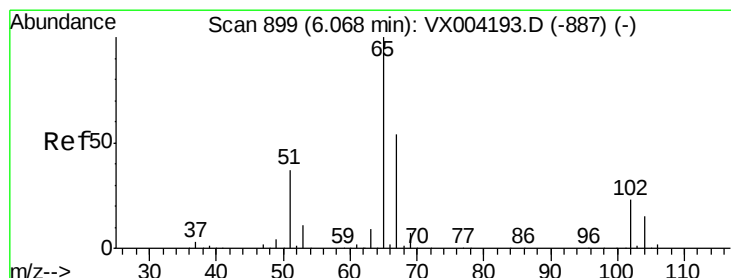
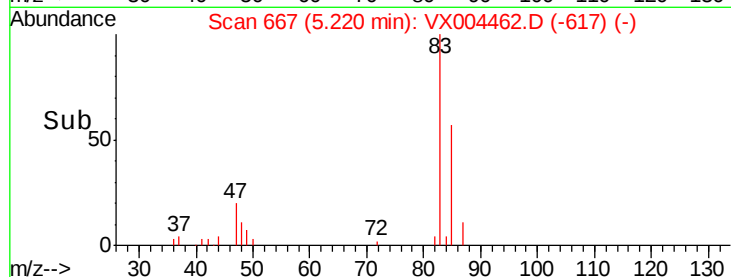
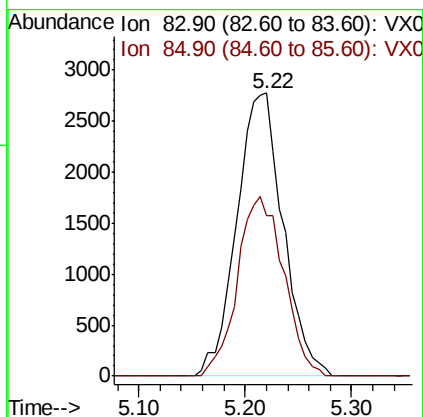
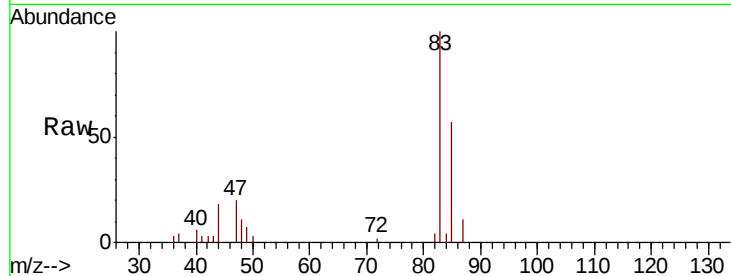




#30
Chloroform
Concen: 1.45 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004462.D
Acq: 10 Sep 2018 21:14

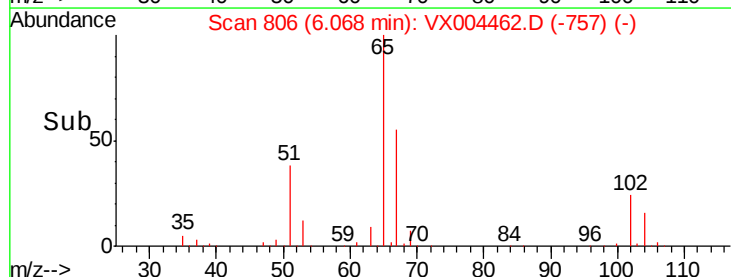
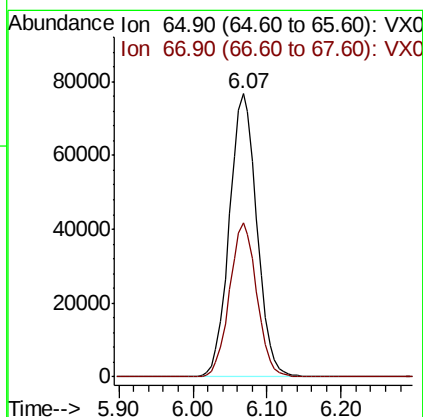
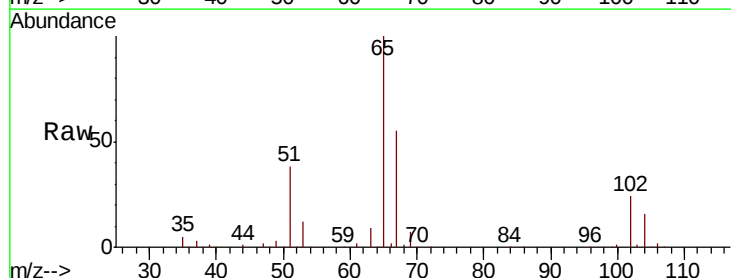
Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-C

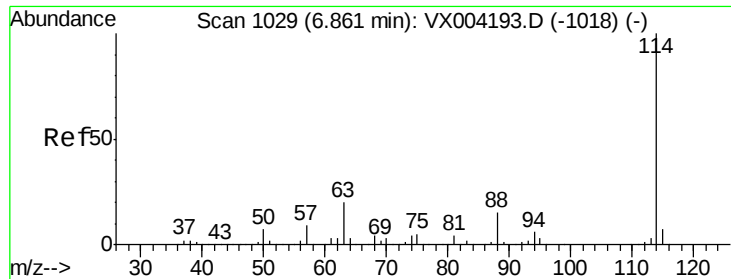
Tot Ion: 83 Resp: 8463
Ion Ratio Lower Upper
83 100
85 56.8 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 55.33 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004462.D
Acq: 10 Sep 2018 21:14

Tgt Ion: 65 Resp: 198824
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.8

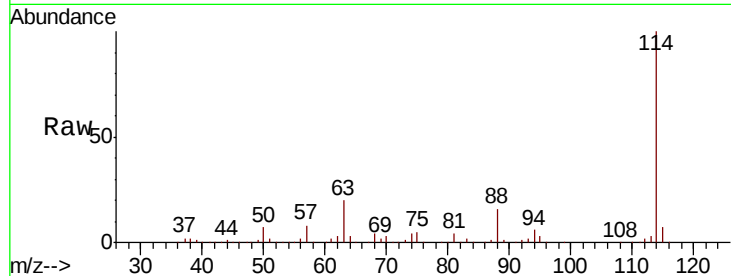




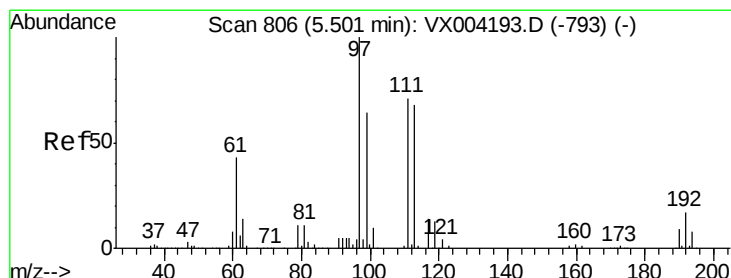
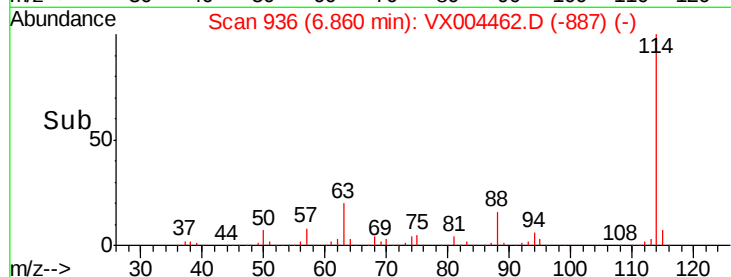
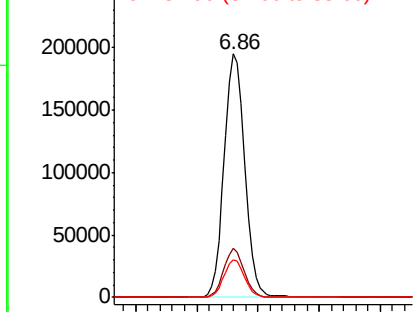
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004462.D
 Acq: 10 Sep 2018 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-090718-C

Tot Ion:114 Resp: 456864
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.5 0.0 30.4

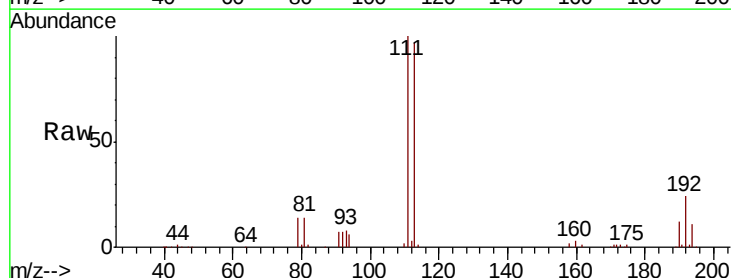


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

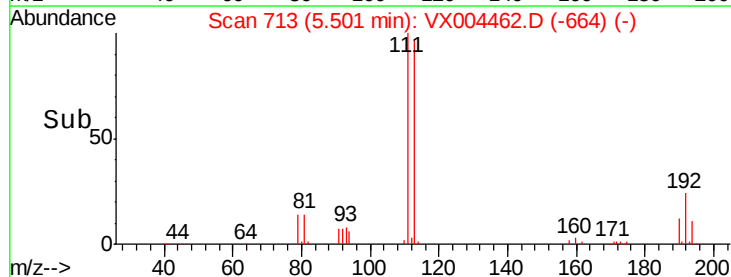
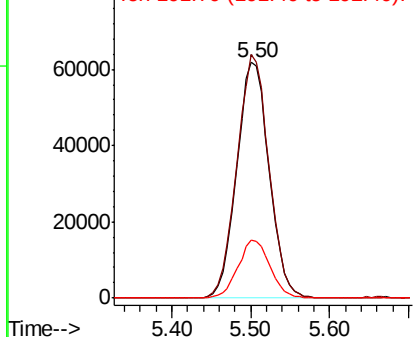


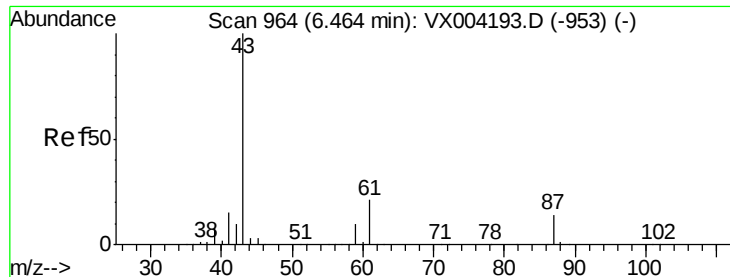
#35
 Dibromofluoromethane
 Concen: 51.95 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004462.D
 Acq: 10 Sep 2018 21:14

Tgt Ion:113 Resp: 176570
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 24.4 19.4 29.2



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



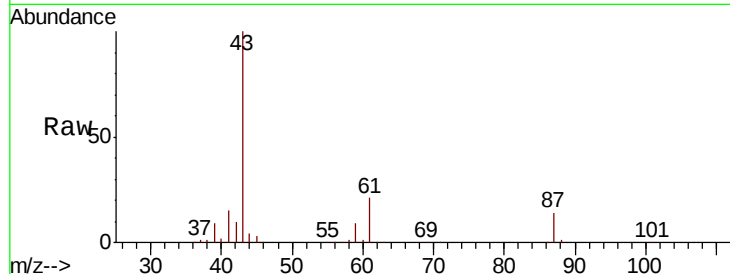


#43

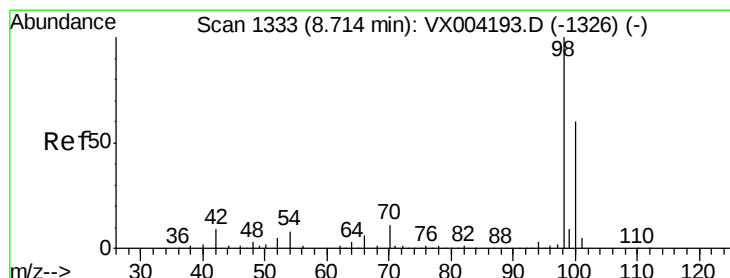
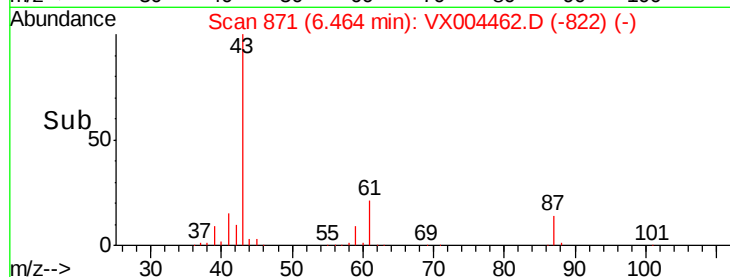
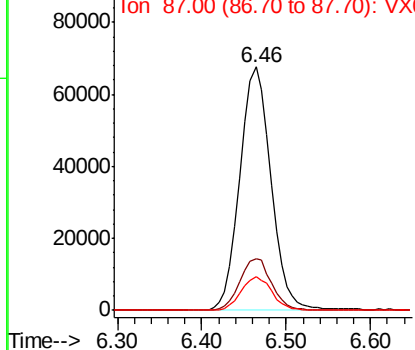
Isopropyl Acetate
 Concen: 21.76 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004462.D
 Acq: 10 Sep 2018 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-090718-C

Tot Ion: 43 Resp: 168873
 Ion Ratio Lower Upper
 43 100
 61 21.7 17.0 25.4
 87 13.7 11.4 17.2



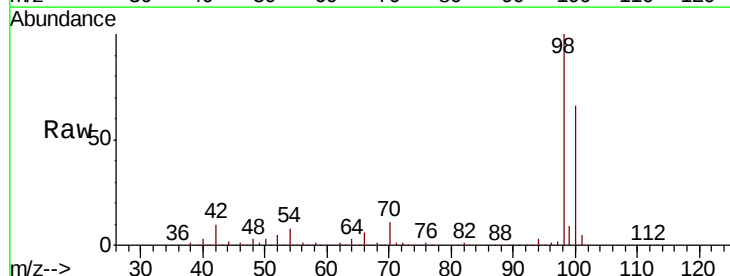
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



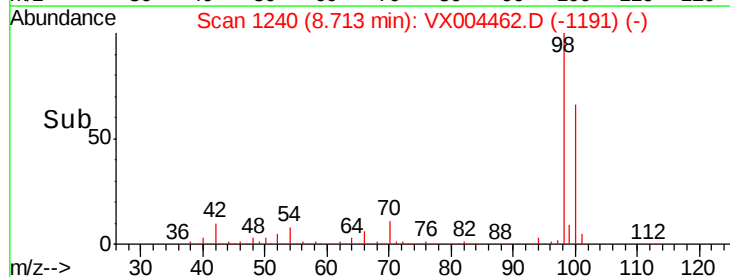
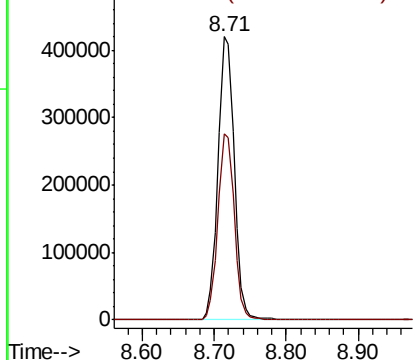
#50

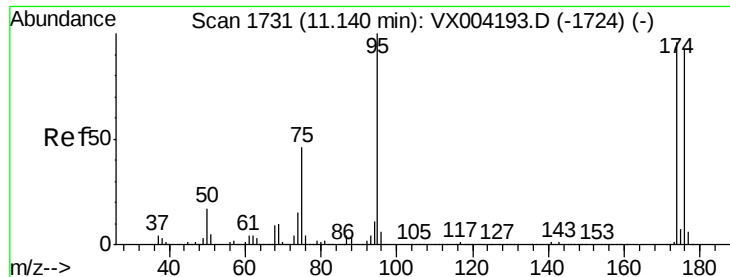
Toluene-d8
 Concen: 51.51 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX004462.D
 Acq: 10 Sep 2018 21:14

Tgt Ion: 98 Resp: 660798
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.9 79.3



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





#62

4-Bromofluorobenzene

Concen: 48.83 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004462.D

Acq: 10 Sep 2018 21:14

Instrument :

MSVOA_X

ClientSampleId :

HR-05-090718-C

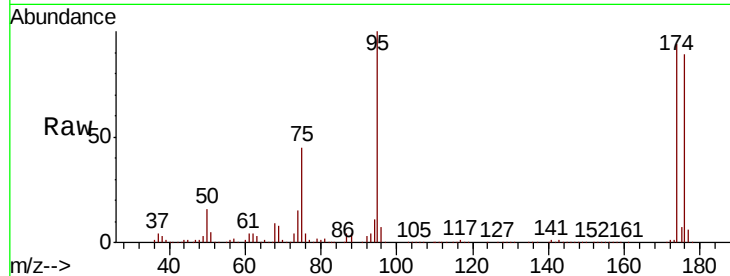
Tot Ion: 95 Resp: 233742

Ion Ratio Lower Upper

95 100

174 92.5 0.0 185.2

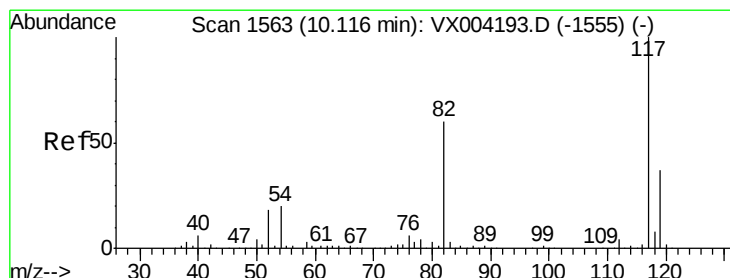
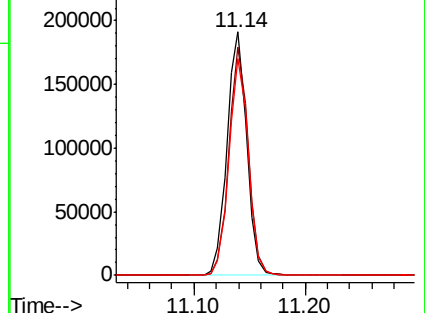
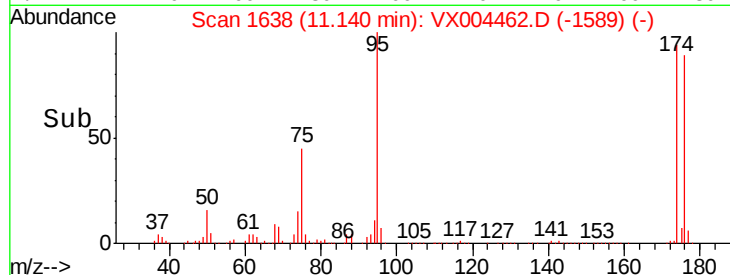
176 88.3 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004193.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX004193.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX004193.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004462.D

Acq: 10 Sep 2018 21:14

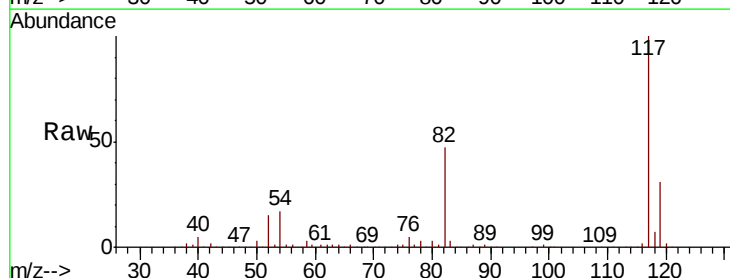
Tgt Ion: 117 Resp: 419324

Ion Ratio Lower Upper

117 100

82 47.5 47.8 71.6#

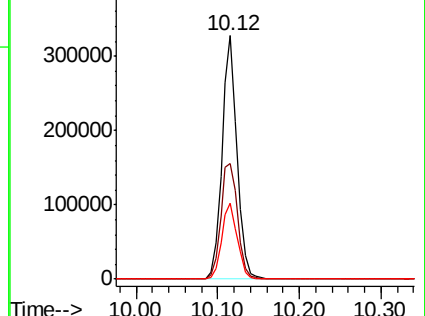
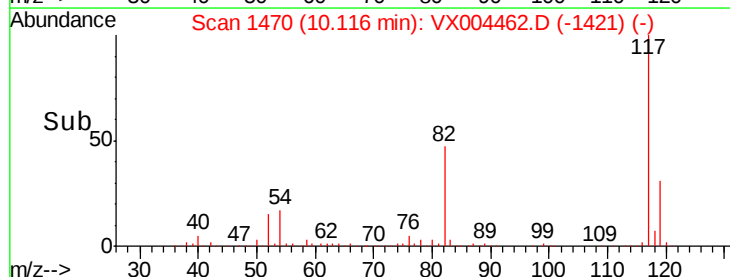
119 31.2 29.3 43.9

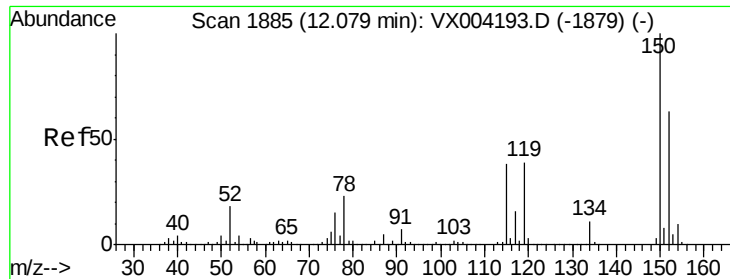


Abundance Ion 116.90 (116.60 to 117.60): VX004193.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX004193.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX004193.D (-1555) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004462.D

Acq: 10 Sep 2018 21:14

Instrument :

MSVOA_X

ClientSampleId :

HR-05-090718-C

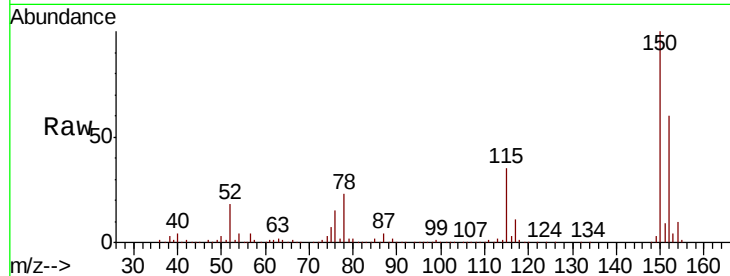
Tot Ion:152 Resp: 244413

Ion Ratio Lower Upper

152 100

115 55.5 39.0 117.0

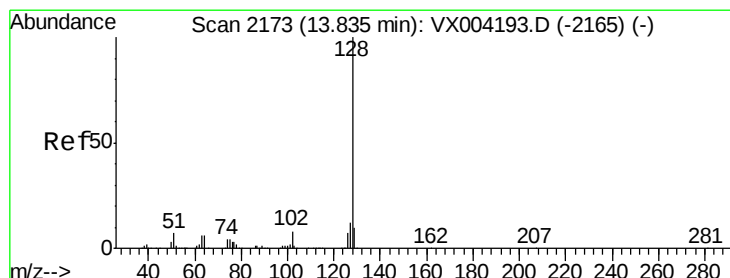
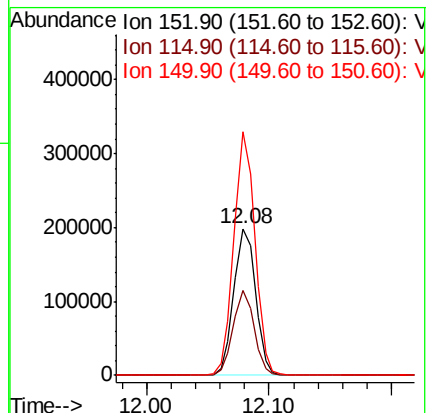
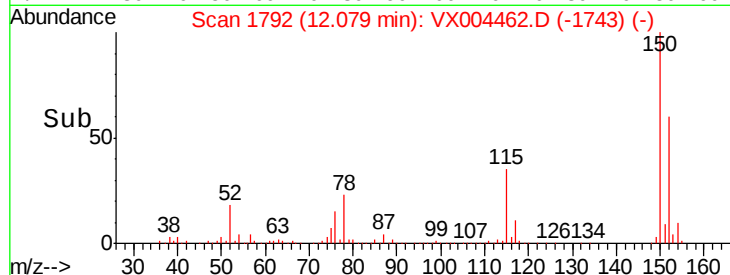
150 159.6 0.0 351.0



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: 72.06 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004462.D

Acq: 10 Sep 2018 21:14

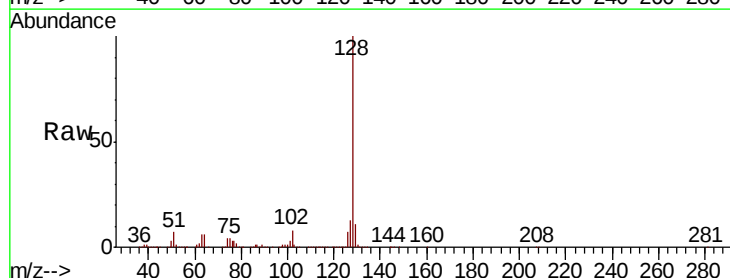
Tgt Ion:128 Resp: 1149088

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.6 12.8



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

