

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
 Data File : VX004461.D
 Acq On : 10 Sep 2018 20:48
 Operator : JC/MD
 Sample : J4769-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Sep 11 02:14:43 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

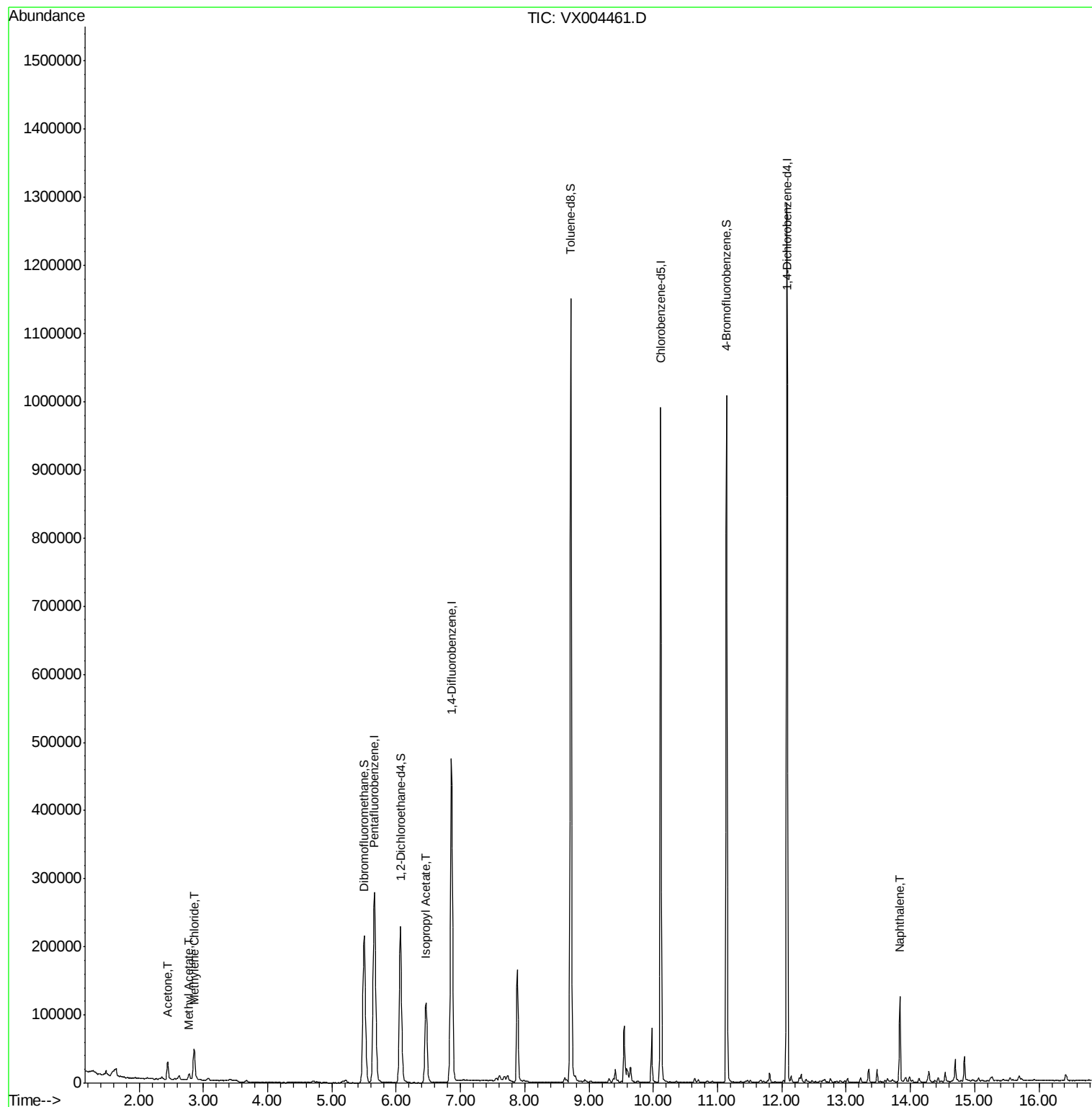
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	295149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	489375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	454936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	270583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209922	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
35) Dibromofluoromethane	5.50	113	186481	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
50) Toluene-d8	8.71	98	707380	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.14	95	252996	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
Target Compounds						
16) Acetone	2.45	43	27851	9.98	ug/l	97
18) Methyl Acetate	2.78	43	10590	1.86	ug/l	98
20) Methylene Chloride	2.85	84	22371	6.04	ug/l	97
43) Isopropyl Acetate	6.46	43	152787	18.38	ug/l	99
95) Naphthalene	13.83	128	78525	4.45	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004461.D

Acq: 10 Sep 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

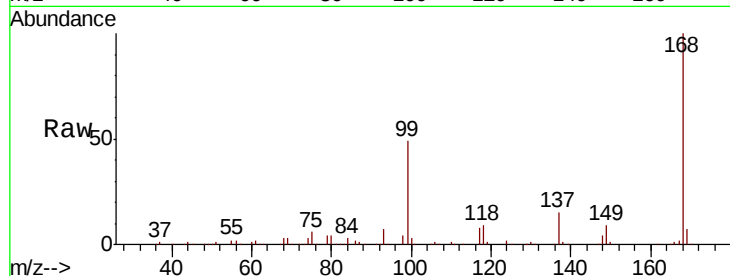
HR-05-090718-B

Tot Ion:168 Resp: 295149

Ion Ratio Lower Upper

168 100

99 48.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

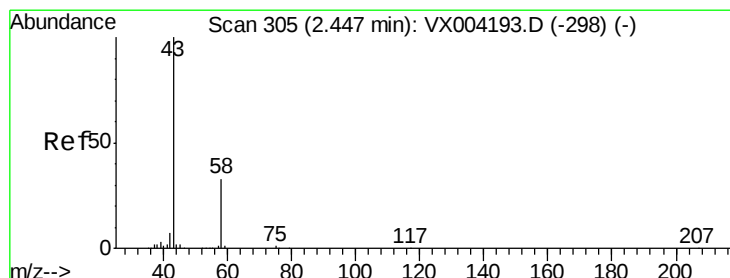
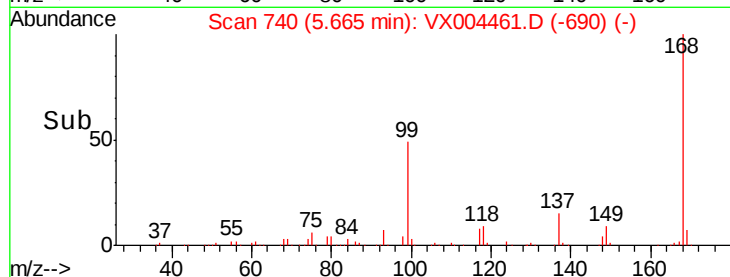
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.98 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004461.D

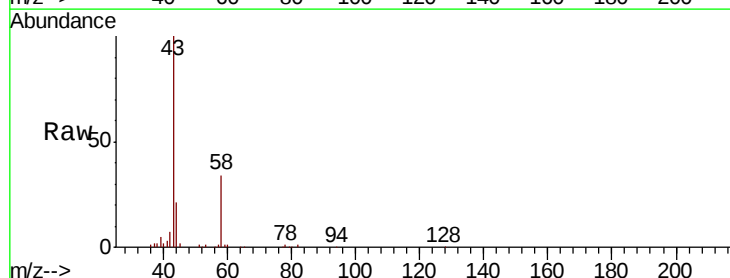
Acq: 10 Sep 2018 20:48

Tgt Ion: 43 Resp: 27851

Ion Ratio Lower Upper

43 100

58 34.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

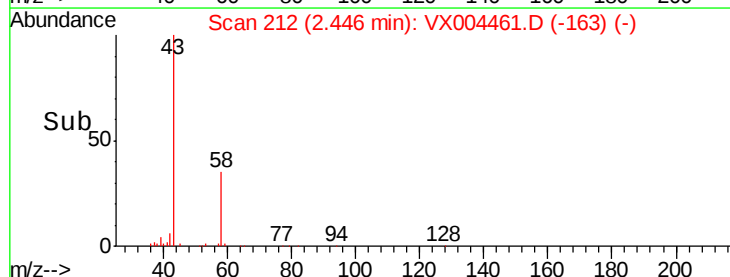
15000

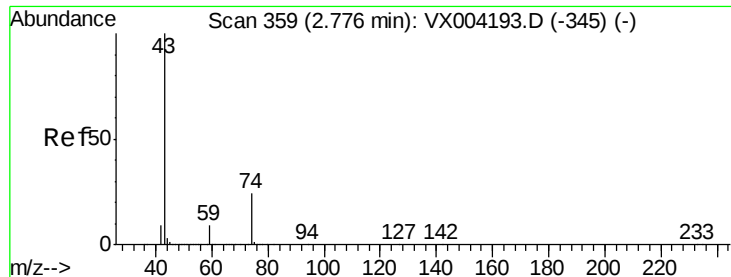
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

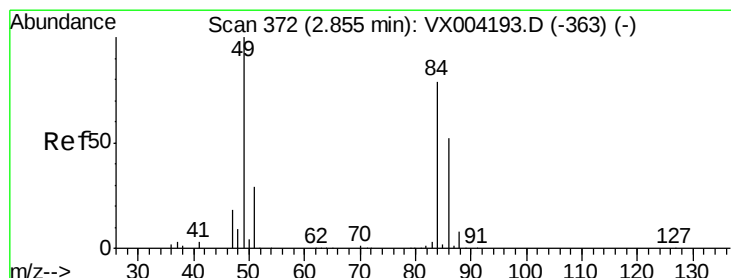
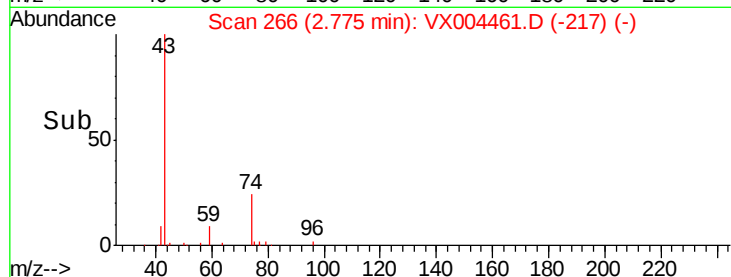
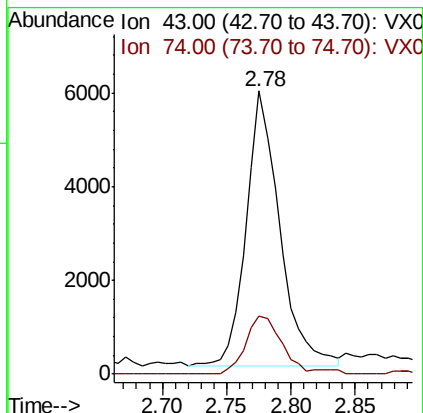
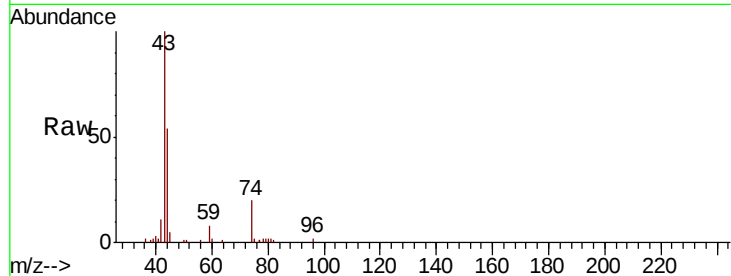




#18
Methvl Acetate
Concen: 1.86 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

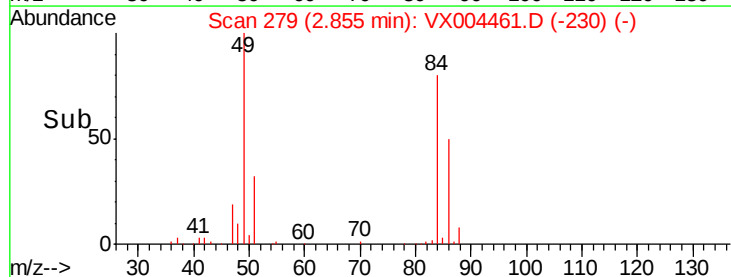
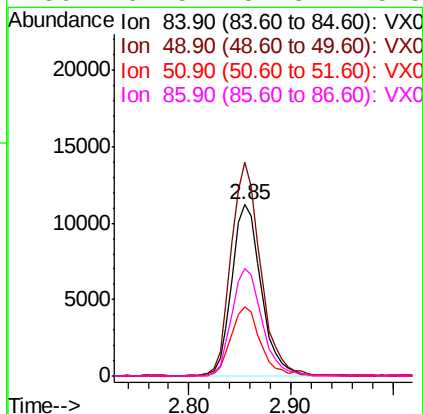
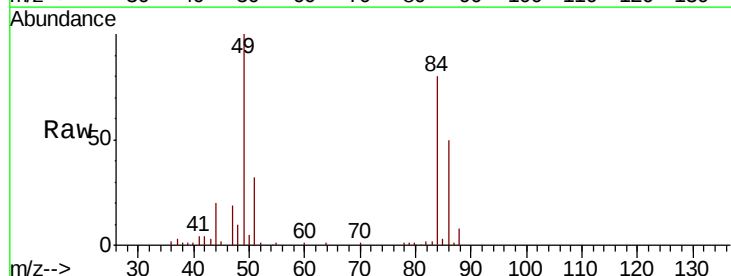
Instrument :
MSVOA_X
ClientSampleId :
HR-05-090718-B

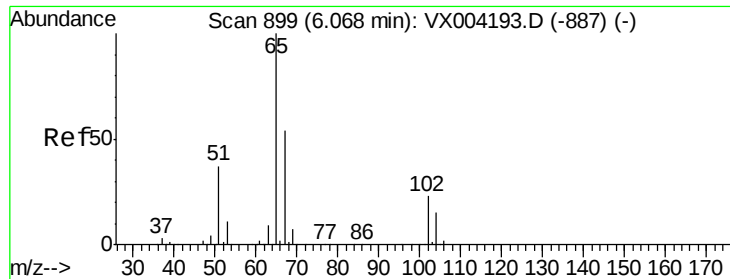
Tot Ion: 43 Resp: 10590
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.2



#20
Methylene Chloride
Concen: 6.04 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion: 84 Resp: 22371
Ion Ratio Lower Upper
84 100
49 124.8 101.2 151.8
51 39.6 29.5 44.3
86 62.5 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 54.57 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004461.D

Acq: 10 Sep 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

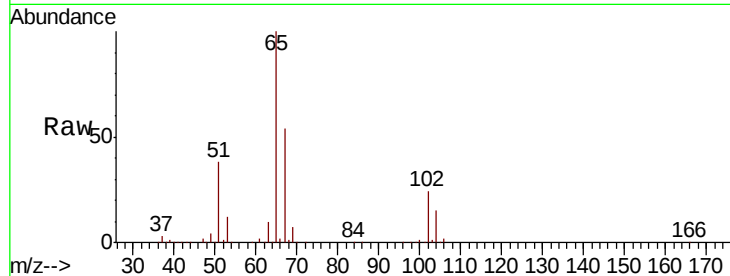
HR-05-090718-B

Tot Ion: 65 Resp: 209922

Ion Ratio Lower Upper

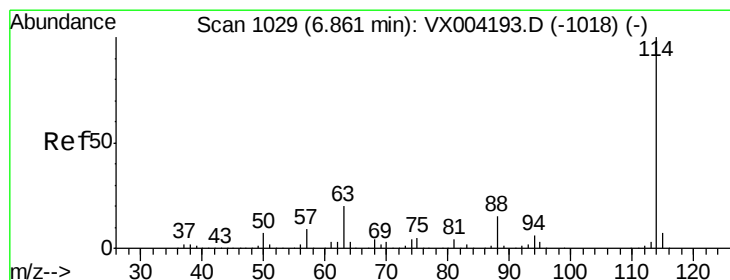
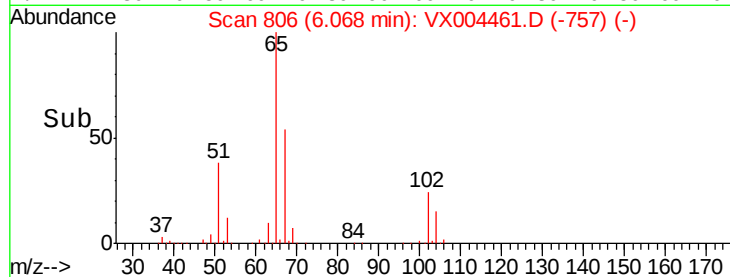
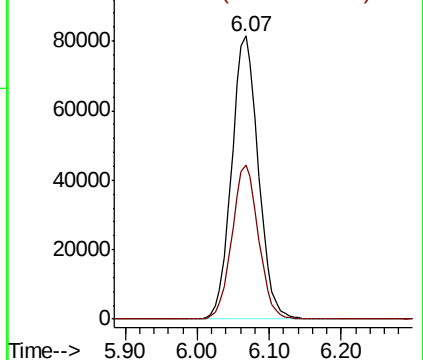
65 100

67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004461.D

Acq: 10 Sep 2018 20:48

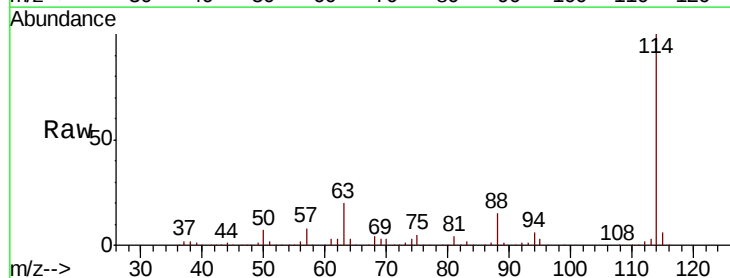
Tgt Ion: 114 Resp: 489375

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

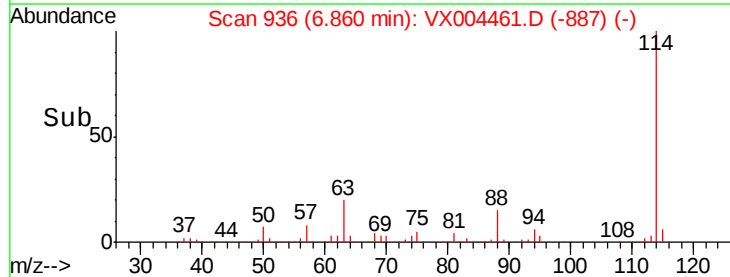
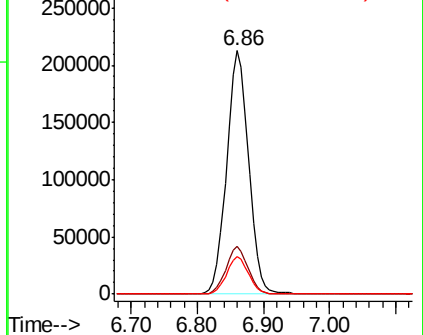
88 15.4 0.0 30.4

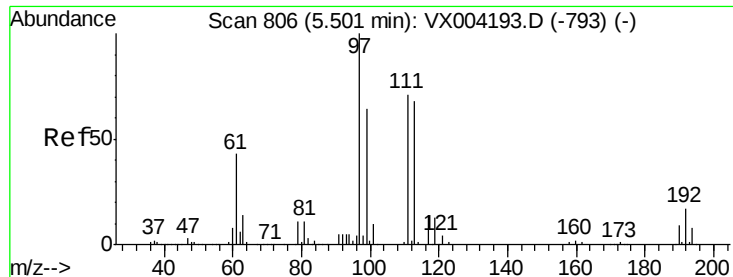


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

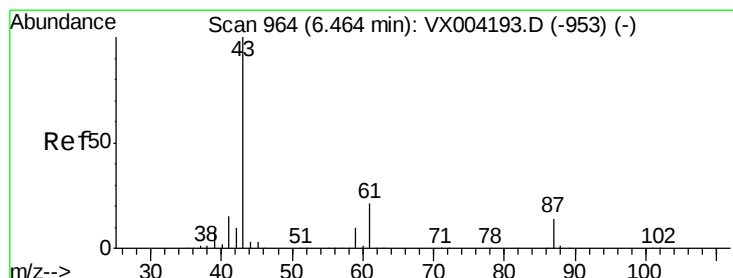
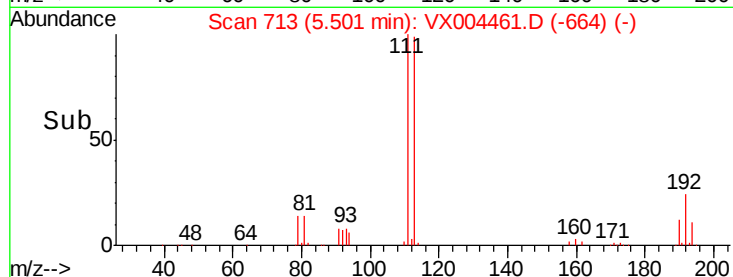
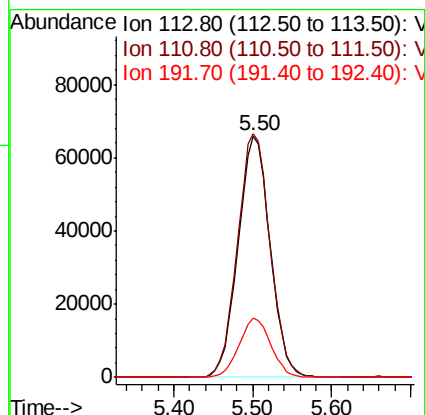
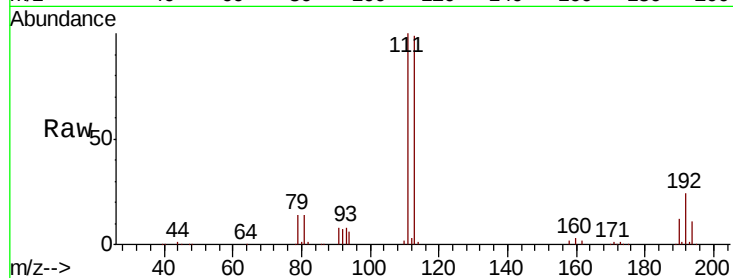




#35
 Dibromofluoromethane
 Concen: 51.22 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004461.D
 Acq: 10 Sep 2018 20:48

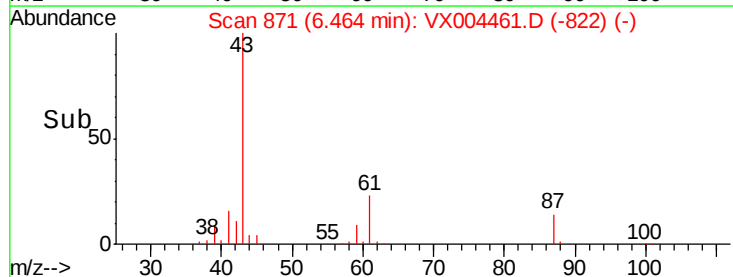
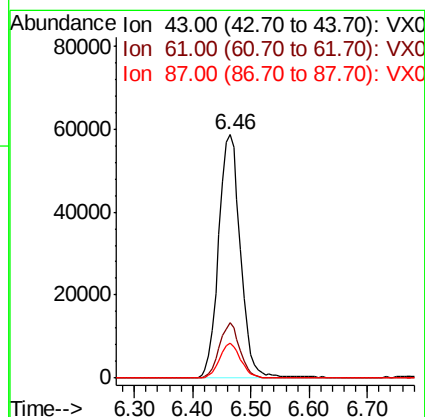
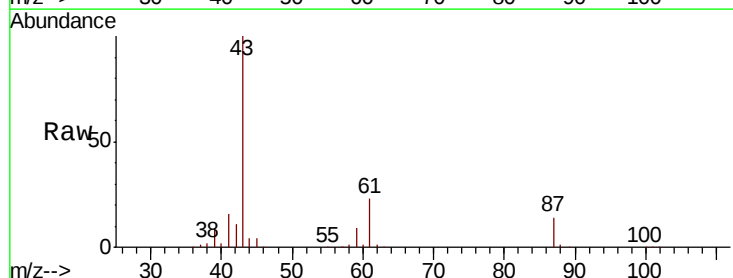
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-090718-B

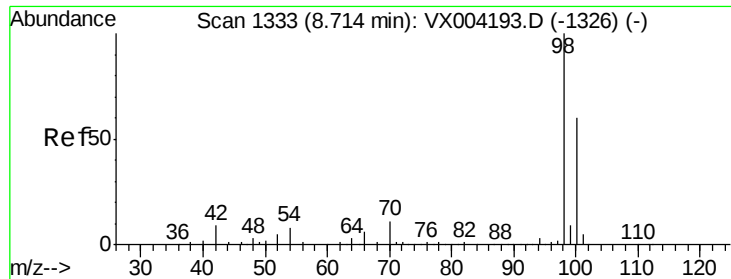
Tot Ion:113 Resp: 186481
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 24.2 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 18.38 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004461.D
 Acq: 10 Sep 2018 20:48

Tgt Ion: 43 Resp: 152787
 Ion Ratio Lower Upper
 43 100
 61 21.4 17.0 25.4
 87 13.8 11.4 17.2





#50

Toluene-d8

Concen: 51.48 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004461.D

Acq: 10 Sep 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

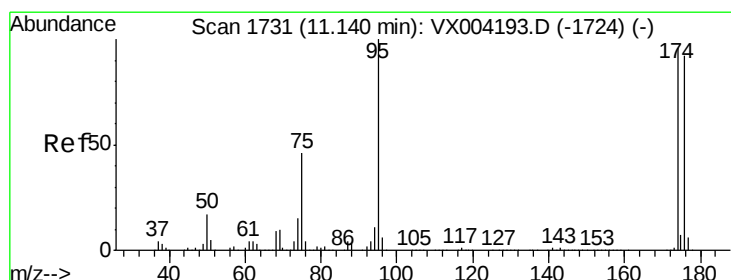
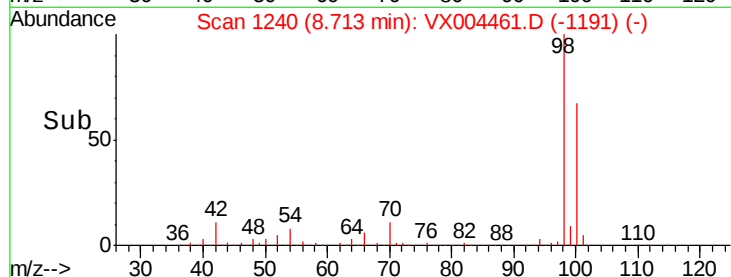
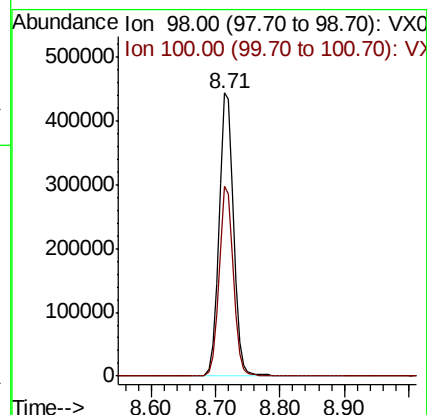
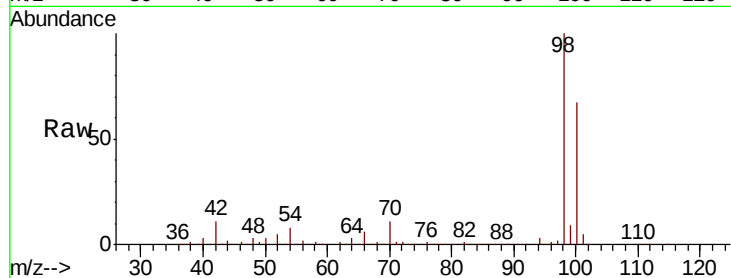
HR-05-090718-B

Tot Ion: 98 Resp: 707380

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 49.34 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004461.D

Acq: 10 Sep 2018 20:48

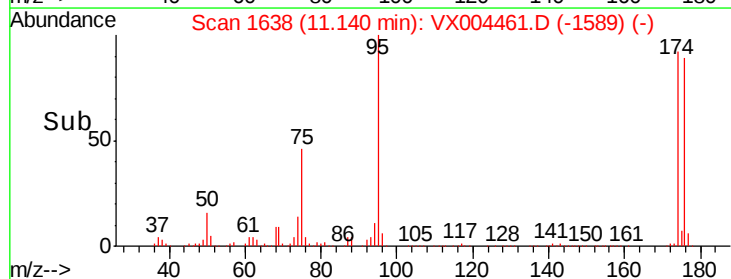
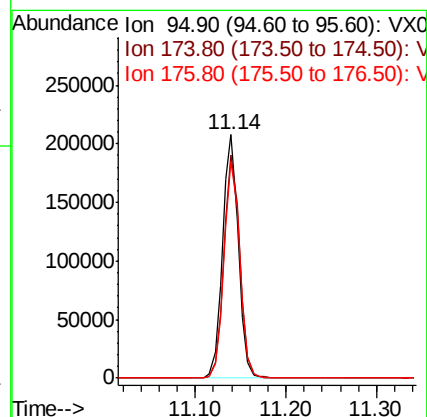
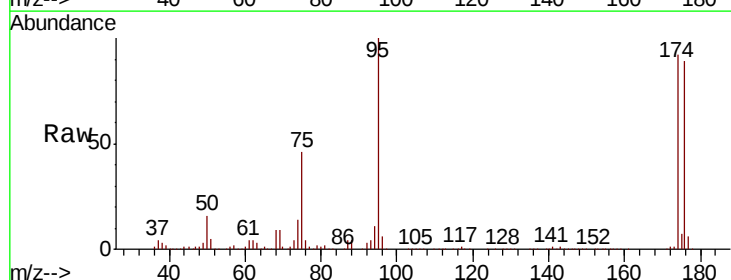
Tgt Ion: 95 Resp: 252996

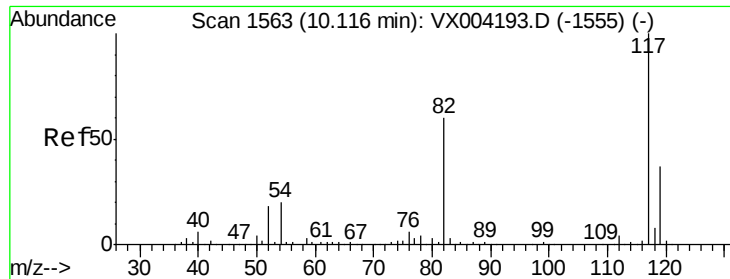
Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.2

176 89.2 0.0 178.6

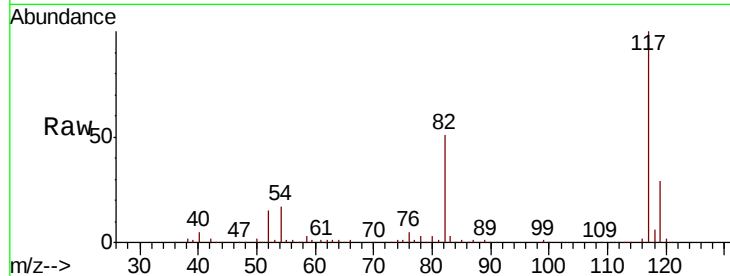




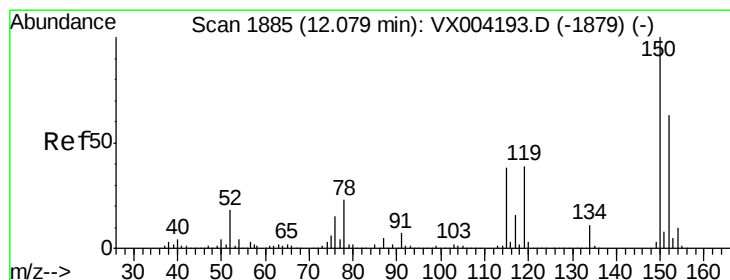
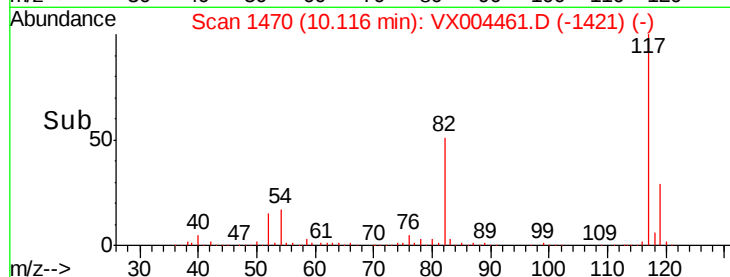
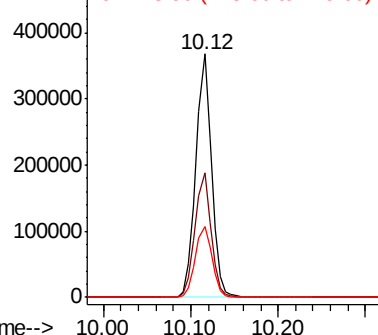
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

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

Tot Ion:117 Resp: 454936
Ion Ratio Lower Upper
117 100
82 51.2 47.8 71.6
119 29.3 29.3 43.9#

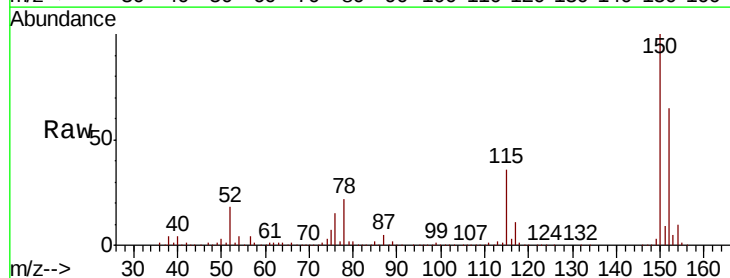


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

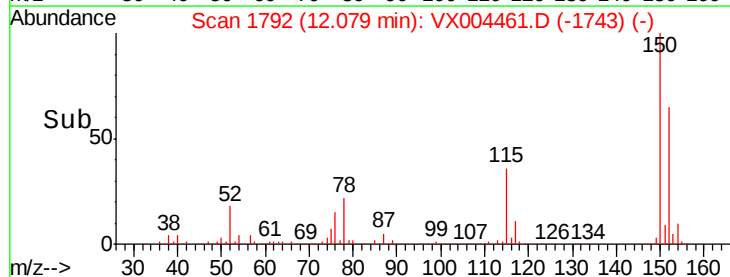
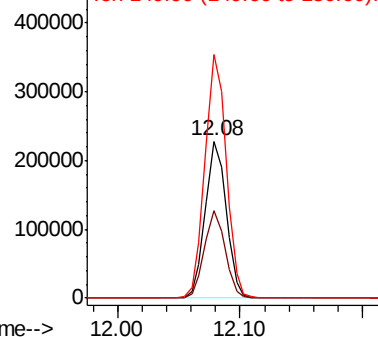


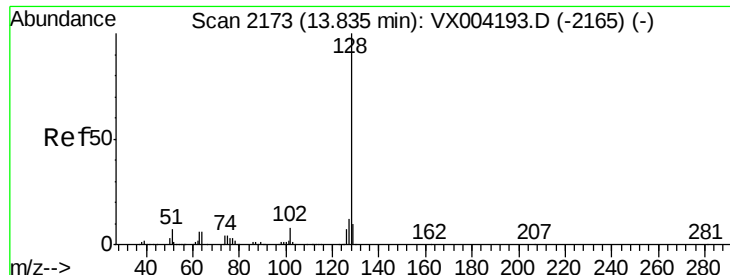
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004461.D
Acq: 10 Sep 2018 20:48

Tgt Ion:152 Resp: 270583
Ion Ratio Lower Upper
152 100
115 54.5 39.0 117.0
150 156.7 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: 4.45 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004461.D

Acq: 10 Sep 2018 20:48

Instrument :

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ClientSampleId :

HR-05-090718-B

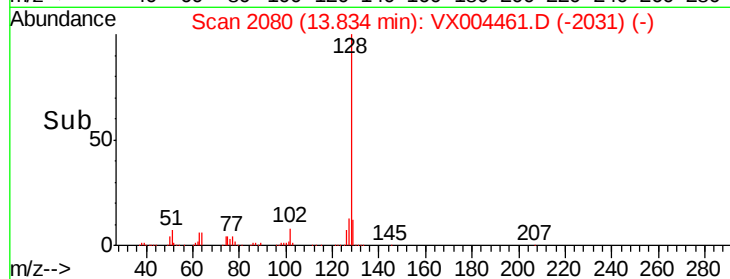
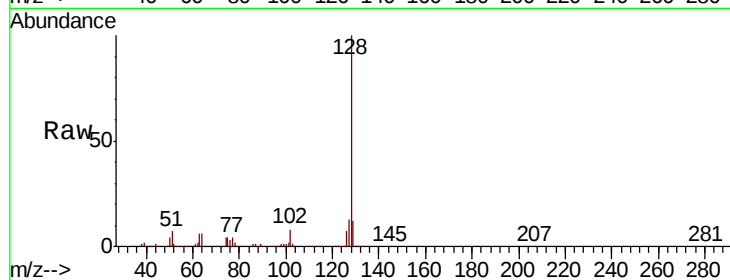
Tot Ion:128 Resp: 78525

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.4 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

