

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004873.D
 Acq On : 22 Aug 2018 07:02
 Operator : SY/AP
 Sample : J4271-13
 Misc : 6.97G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-082018-C

Quant Time: Aug 22 08:32:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

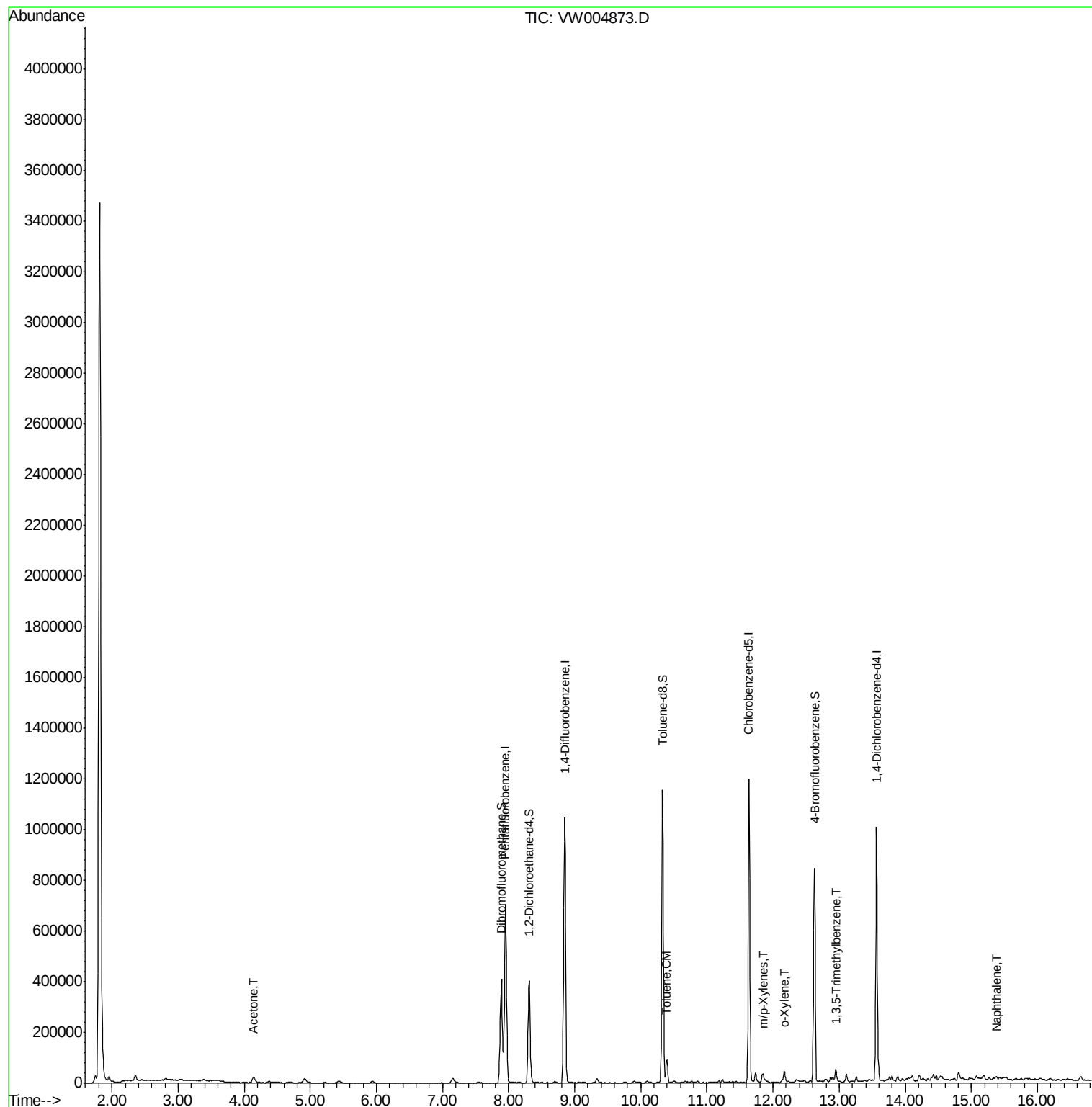
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	547049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	884528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	697535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	273336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	301321	56.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.94%	
35) Dibromofluoromethane	7.89	113	300498	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
50) Toluene-d8	10.33	98	771323	34.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.90%	
62) 4-Bromofluorobenzene	12.62	95	290357	36.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.14%	
Target Compounds						
16) Acetone	4.14	43	40261	29.82	ug/l	100
52) Toluene	10.40	92	37898	2.39	ug/l	100
68) m/p-Xylenes	11.84	106	10389	1.05	ug/l	98
69) o-Xylene	12.17	106	10799	1.18	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	20572	1.30	ug/l	99
95) Naphthalene	15.38	128	11982	4.50	ug/l	95

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

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004873.D

Acq: 22 Aug 2018 07:02

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MSVOA_W

ClientSampleId :

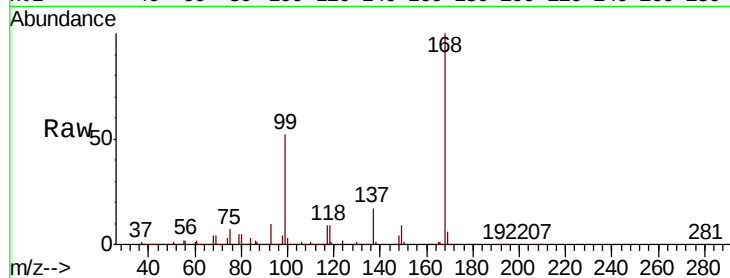
HR-06-082018-C

Tot Ion:168 Resp: 547049

Ion Ratio Lower Upper

168 100

99 52.3 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

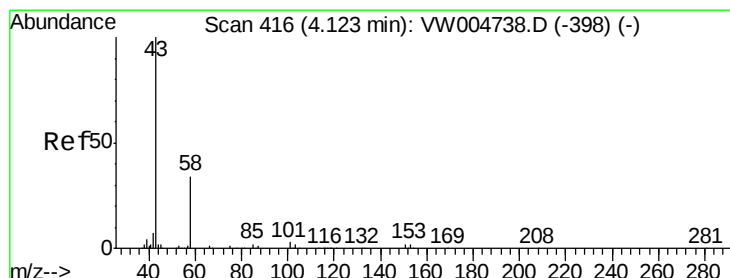
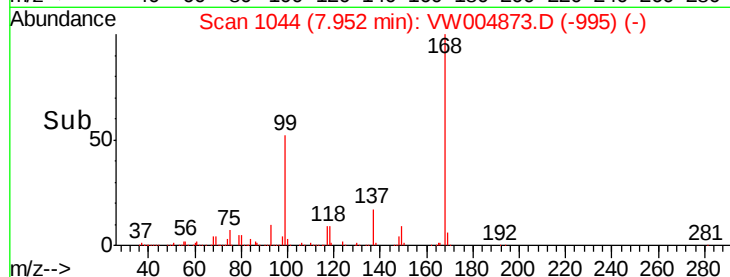
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 29.82 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004873.D

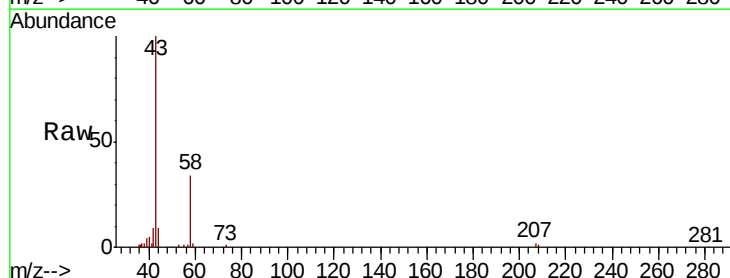
Acq: 22 Aug 2018 07:02

Tgt Ion: 43 Resp: 40261

Ion Ratio Lower Upper

43 100

58 34.3 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

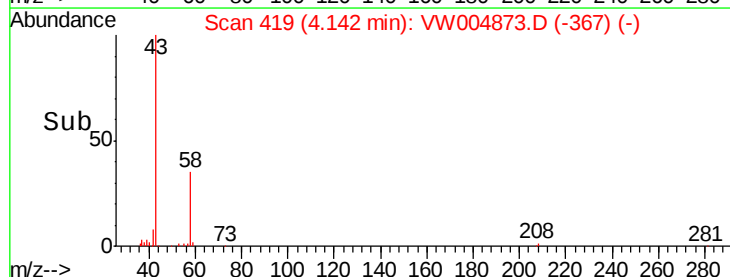
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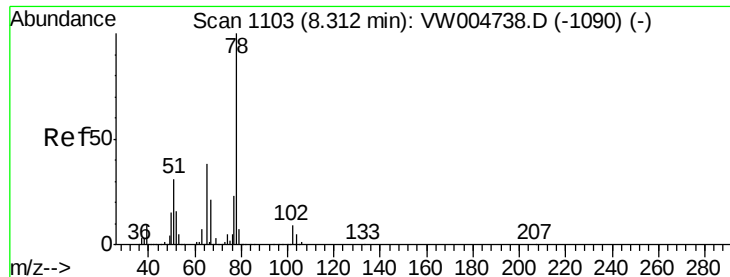
5000

0

Time-->

4.00 4.10 4.20 4.30





#33

1,2-Dichloroethane-d4

Concen: 56.97 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004873.D

Acq: 22 Aug 2018 07:02

Instrument :

MSVOA_W

ClientSampleId :

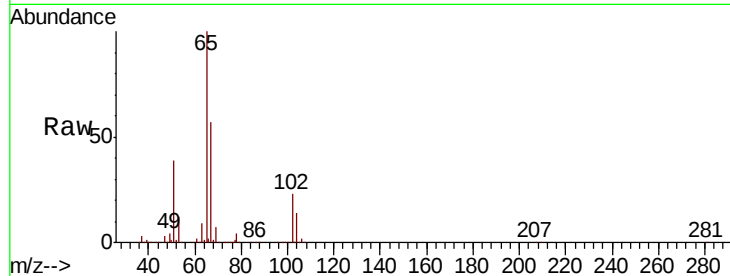
HR-06-082018-C

Tot Ion: 65 Resp: 301321

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

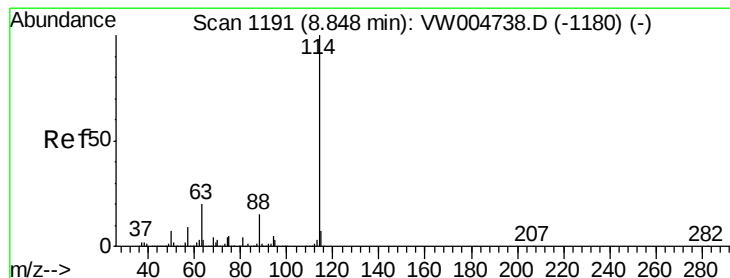
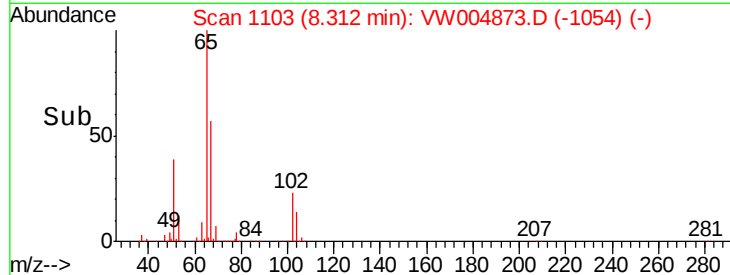
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004873.D

Acq: 22 Aug 2018 07:02

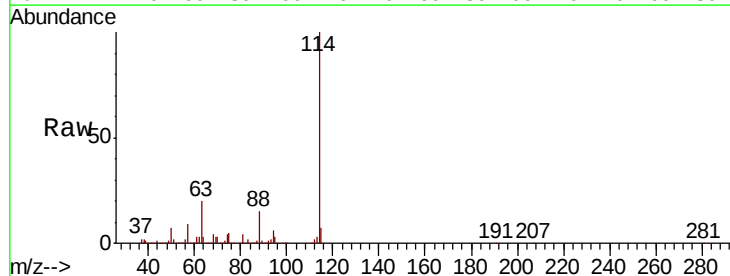
Tgt Ion: 114 Resp: 884528

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

88 15.4 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

600000

500000

400000

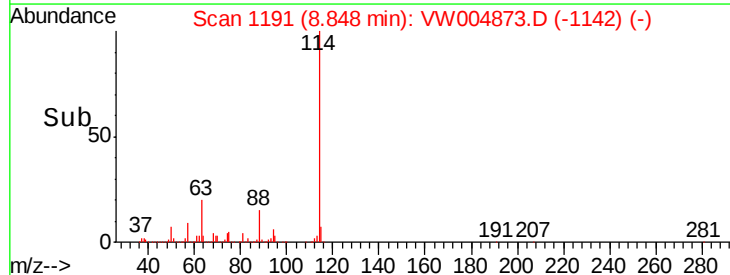
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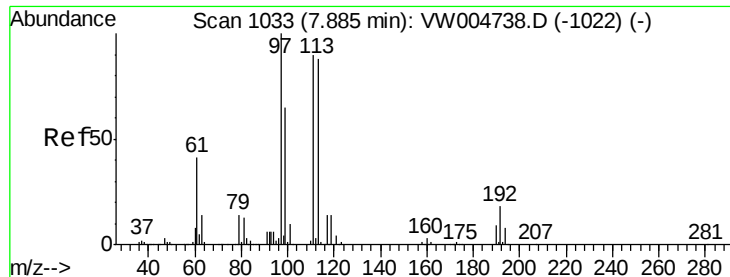
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100000

0

Time-->

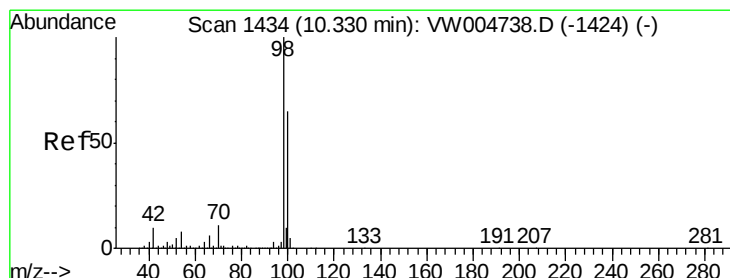
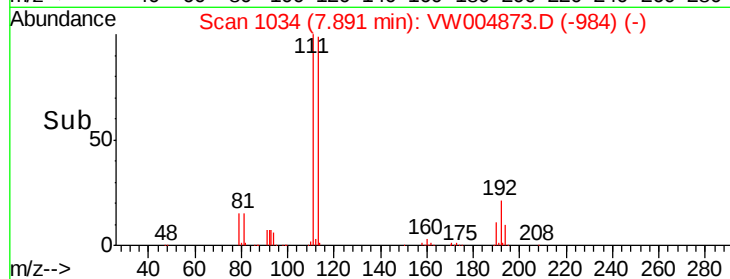
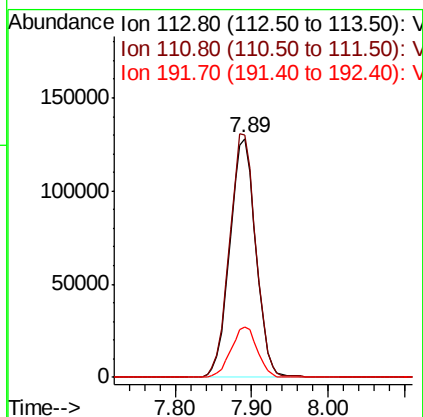
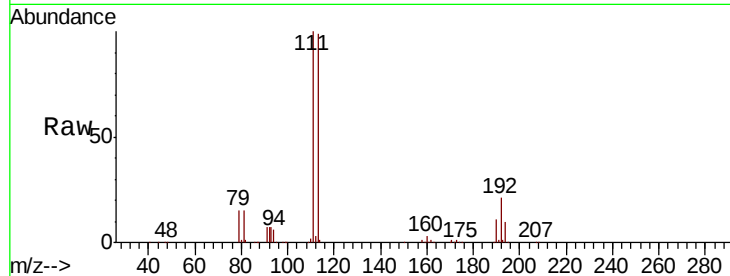




#35
 Dibromofluoromethane
 Concen: 53.15 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004873.D
 Acq: 22 Aug 2018 07:02

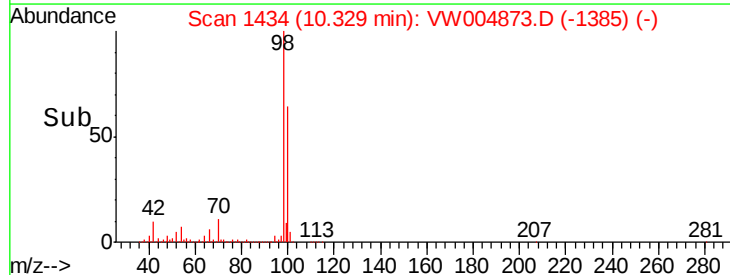
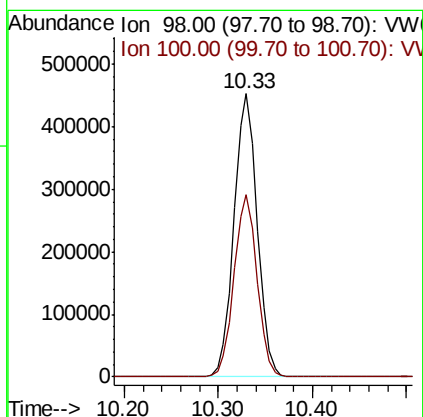
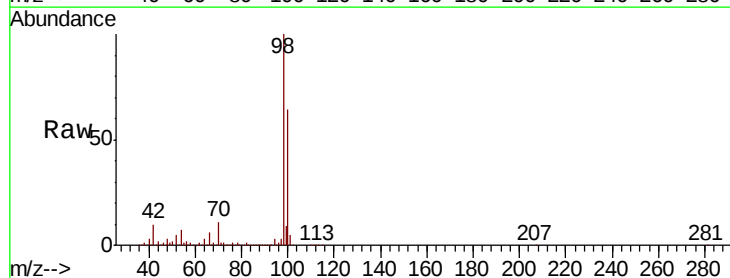
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-082018-C

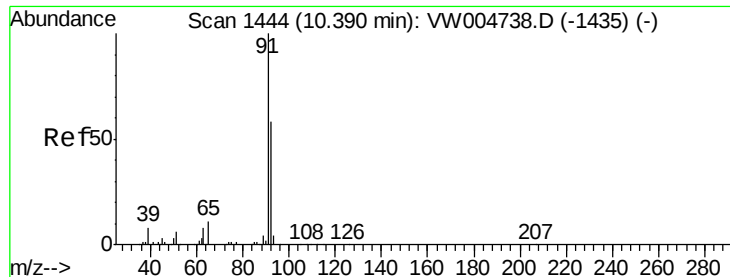
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	21.3	16.7	25.1



#50
 Toluene-d8
 Concen: 34.95 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004873.D
 Acq: 22 Aug 2018 07:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.8	77.8





#52

Toluene

Concen: 2.39 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW004873.D

Acq: 22 Aug 2018 07:02

Instrument :

MSVOA_W

ClientSampleId :

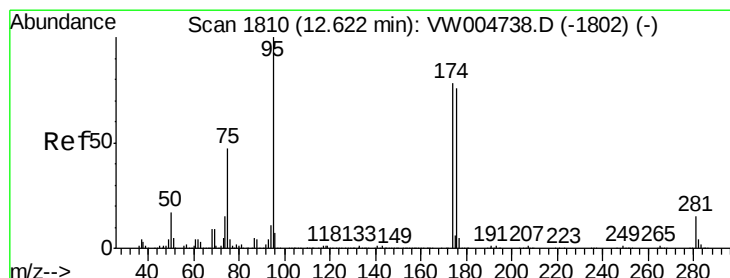
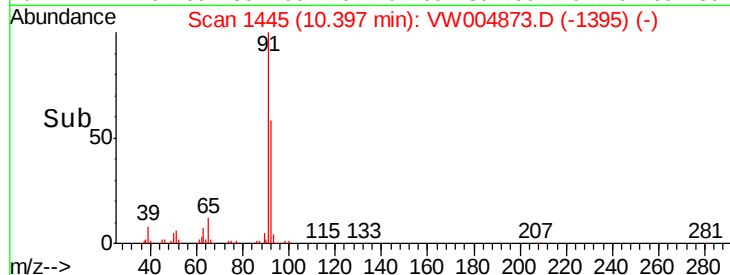
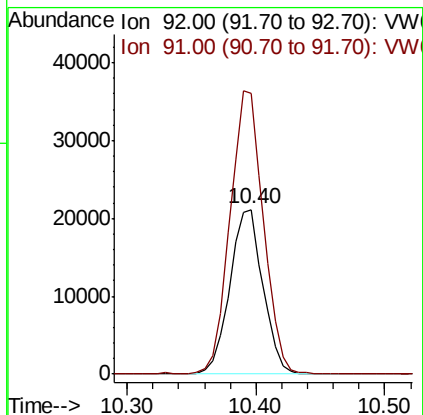
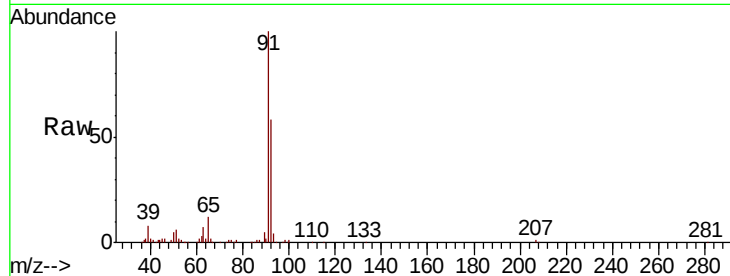
HR-06-082018-C

Tot Ion: 92 Resp: 37898

Ion Ratio Lower Upper

92 100

91 173.1 138.3 207.5



#62

4-Bromofluorobenzene

Concen: 36.57 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004873.D

Acq: 22 Aug 2018 07:02

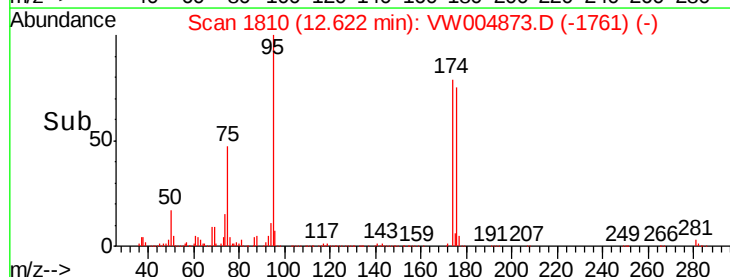
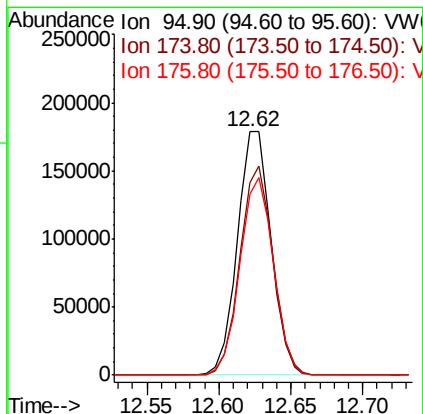
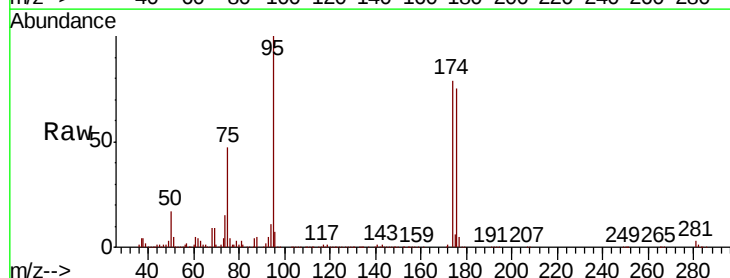
Tgt Ion: 95 Resp: 290357

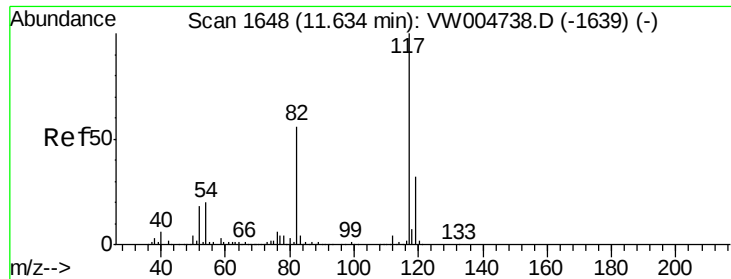
Ion Ratio Lower Upper

95 100

174 84.4 0.0 165.8

176 80.7 0.0 159.8

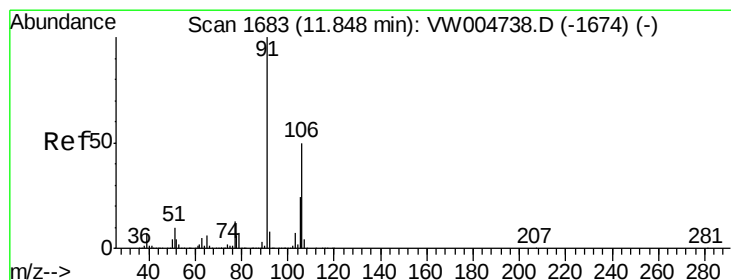
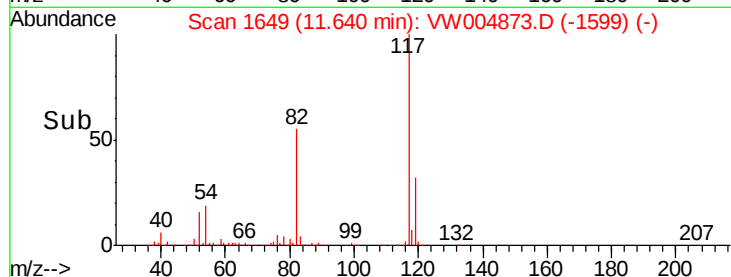
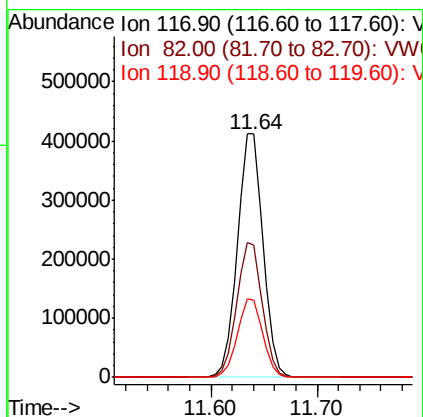
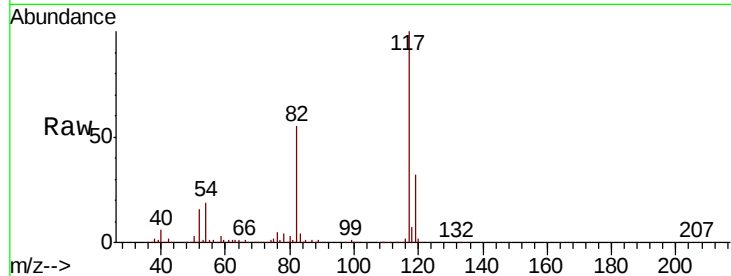




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004873.D
Acq: 22 Aug 2018 07:02

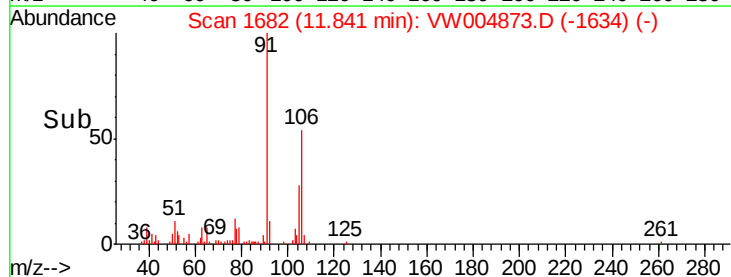
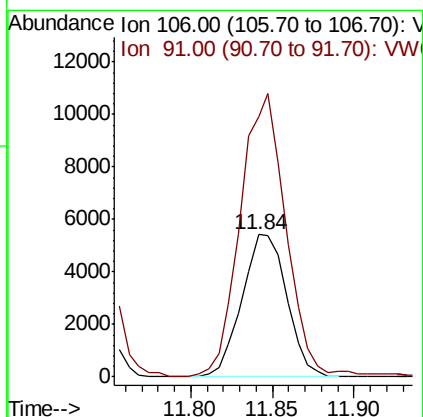
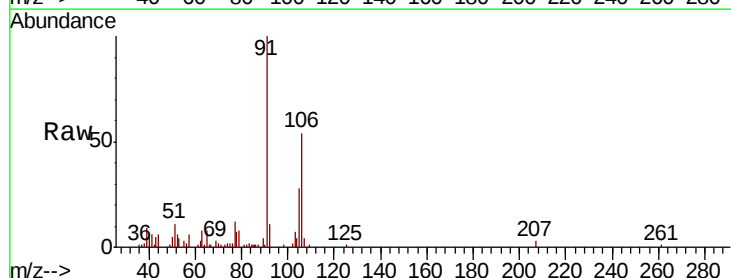
Instrument :
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HR-06-082018-C

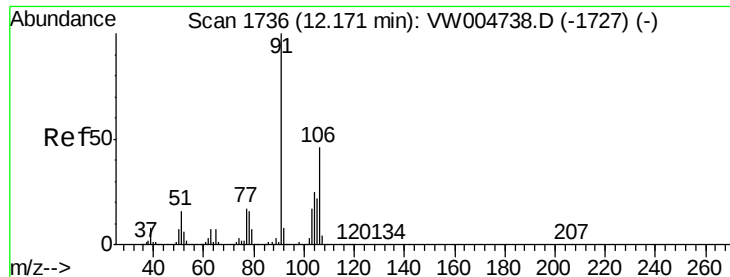
Tot Ion:117 Resp: 697535
Ion Ratio Lower Upper
117 100
82 54.5 44.6 67.0
119 31.8 25.6 38.4



#68
m/p-Xylenes
Concen: 1.05 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004873.D
Acq: 22 Aug 2018 07:02

Tgt Ion:106 Resp: 10389
Ion Ratio Lower Upper
106 100
91 202.9 159.9 239.9

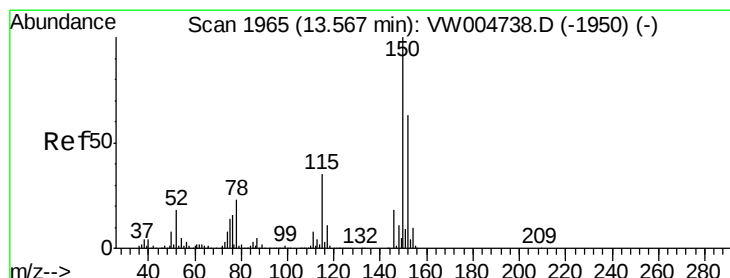
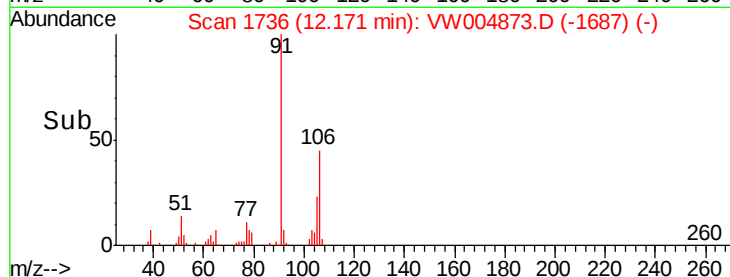
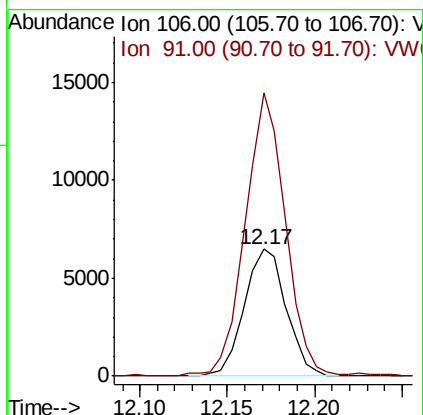
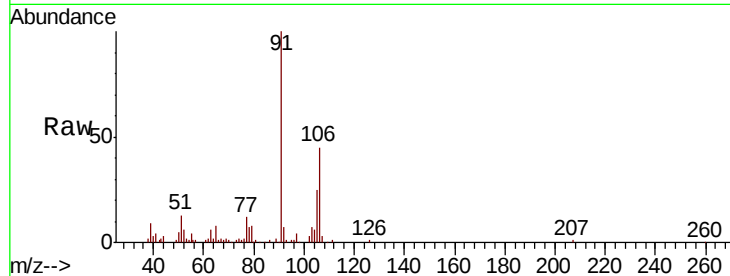




#69
o-Xylene
Concen: 1.18 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004873.D
Acq: 22 Aug 2018 07:02

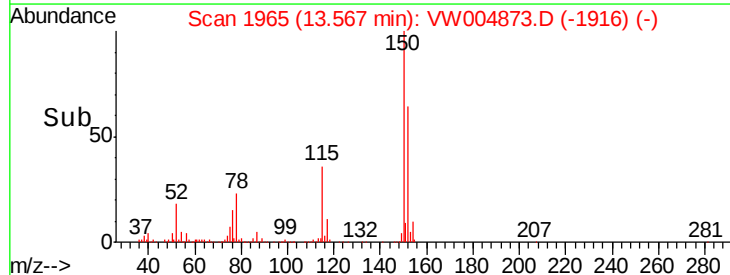
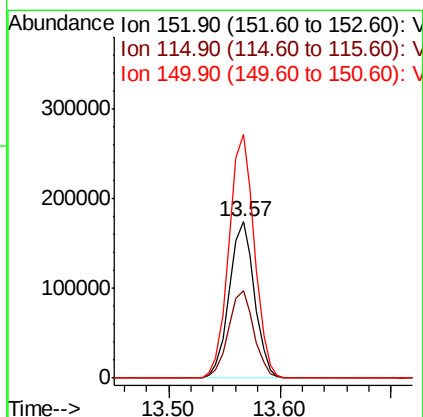
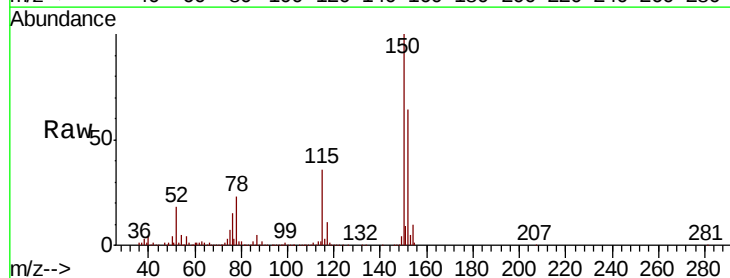
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ClientSampleId :
HR-06-082018-C

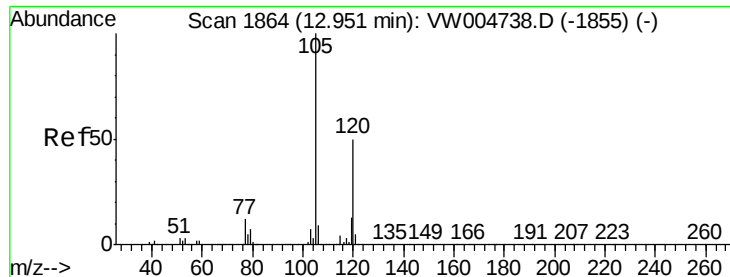
Tot Ion:106 Resp: 10799
Ion Ratio Lower Upper
106 100
91 213.6 107.3 321.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004873.D
Acq: 22 Aug 2018 07:02

Tgt Ion:152 Resp: 273336
Ion Ratio Lower Upper
152 100
115 56.5 28.5 85.5
150 156.9 0.0 344.8

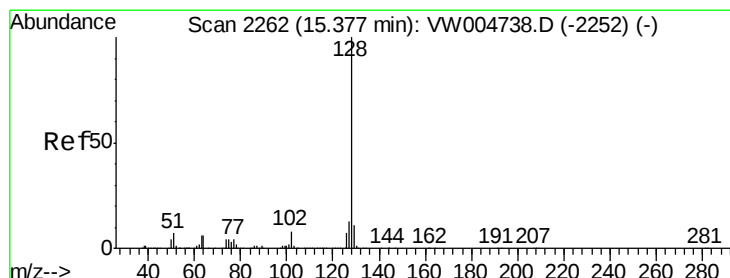
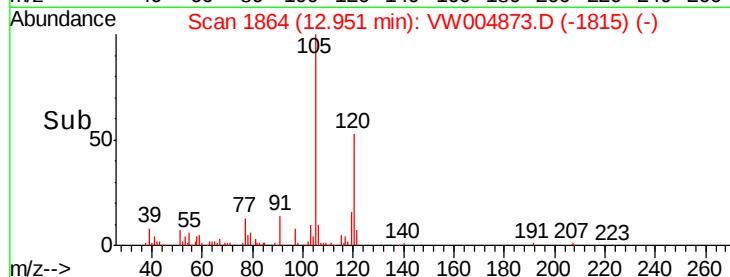
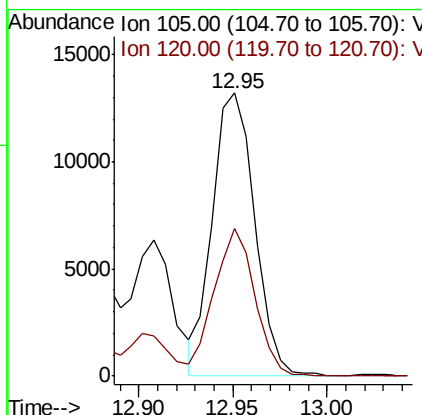
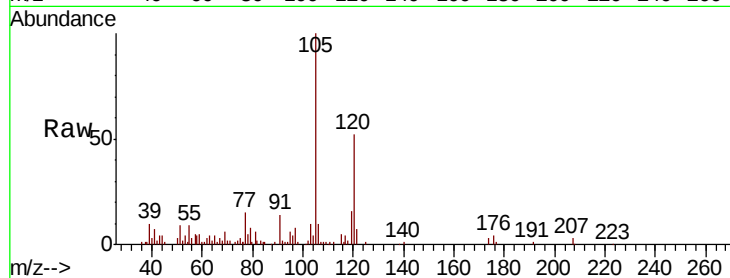




#80
 1,3,5-Trimethylbenzene
 Concen: 1.30 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004873.D
 Acq: 22 Aug 2018 07:02

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-082018-C

Tot Ion:105 Resp: 20572
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.7 74.1



#95
 Naphthalene
 Concen: 4.50 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW004873.D
 Acq: 22 Aug 2018 07:02

Tgt Ion:128 Resp: 11982
 Ion Ratio Lower Upper
 128 100
 127 14.6 10.4 15.6
 129 8.9 8.6 13.0

