

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007007.D
 Acq On : 21 Nov 2018 18:24
 Operator : VAY/AP
 Sample : J5763-01
 Misc : 4.72G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-111918-A

Quant Time: Nov 22 05:34:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

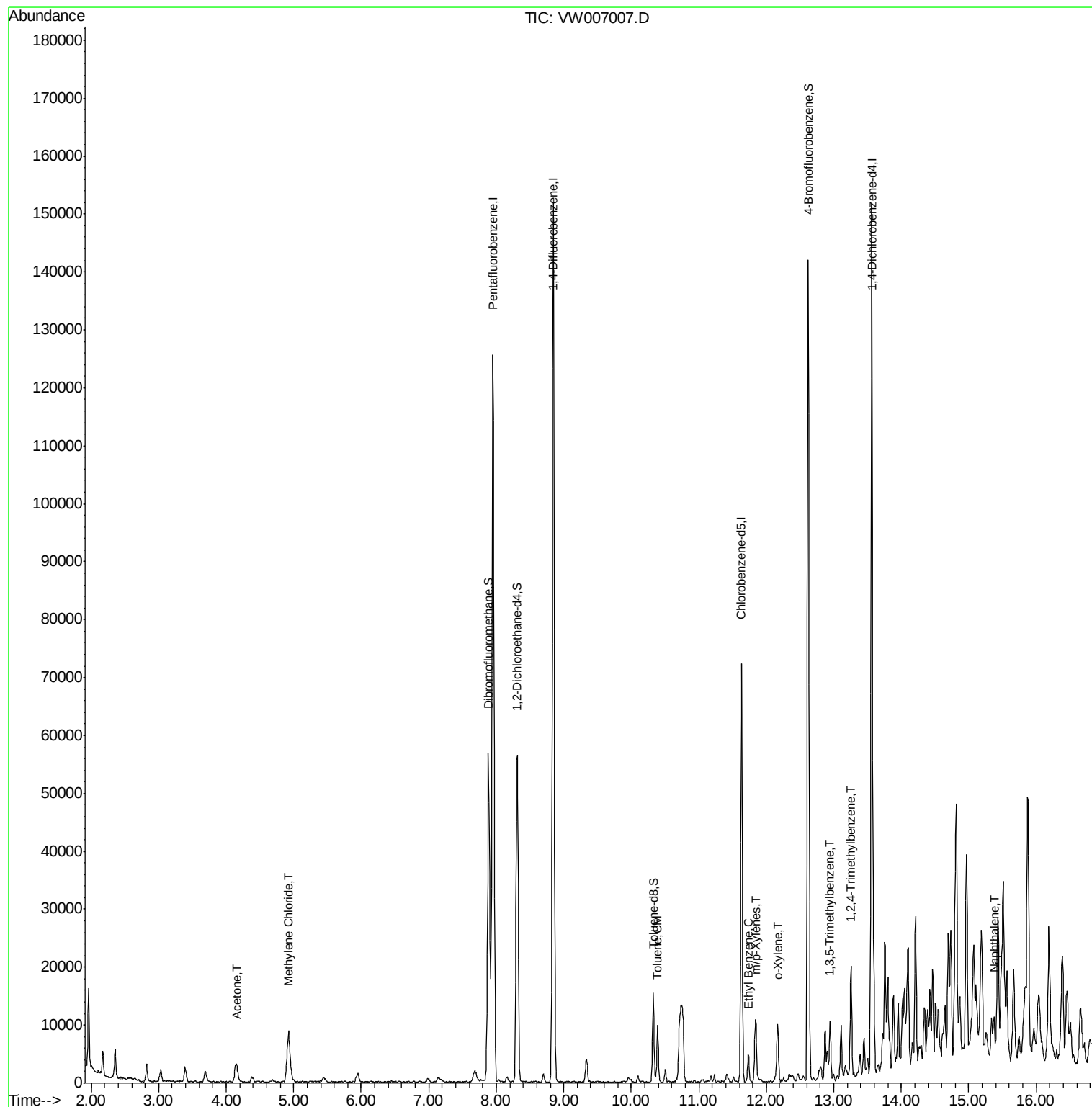
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	39907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	39716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	46166	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	7.89	113	41528	55.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.88%	
50) Toluene-d8	10.33	98	10149	3.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	6.20%	
62) 4-Bromofluorobenzene	12.62	95	46296	35.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.78%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	6528	51.228	ug/l	96
20) Methylene Chloride	4.92	84	6737	1.383	ug/l	94
52) Toluene	10.39	92	4254	1.803	ug/l	99
67) Ethyl Benzene	11.73	91	3409	2.228	ug/l	91
68) m/p-Xylenes	11.84	106	3141	5.232	ug/l	98
69) o-Xylene	12.17	106	2610	4.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	4353	1.631	ug/l	89
84) 1,2,4-Trimethylbenzene	13.26	105	10550	3.967	ug/l	99
95) Naphthalene	15.38	128	4147	2.921	ug/l #	95

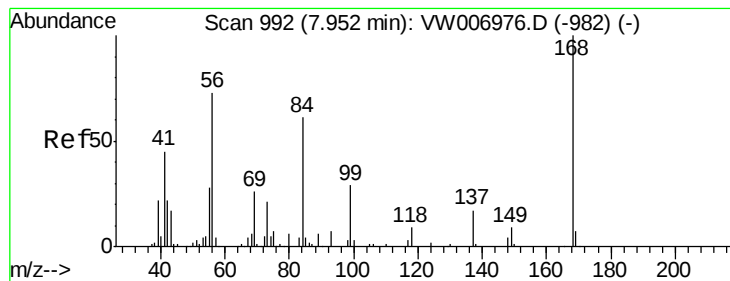
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 4.72G/5ML/MSVOA W/SOIL
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Instrument :
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ClientSampleId :
HR-06-111918-A

Quant Time: Nov 22 05:34:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007007.D

Acq: 21 Nov 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

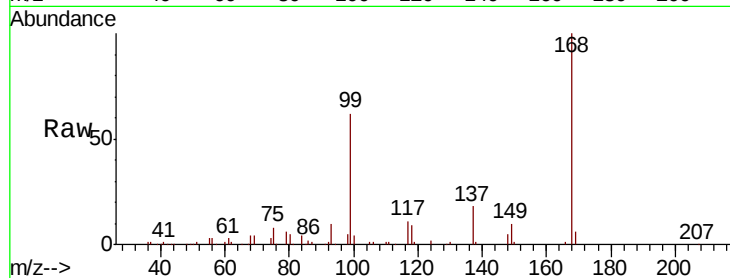
HR-06-111918-A

Tot Ion:168 Resp: 89649

Ion Ratio Lower Upper

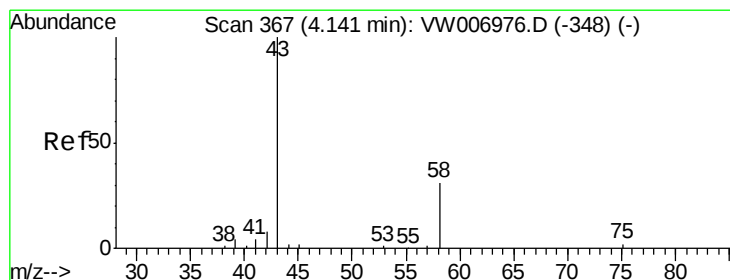
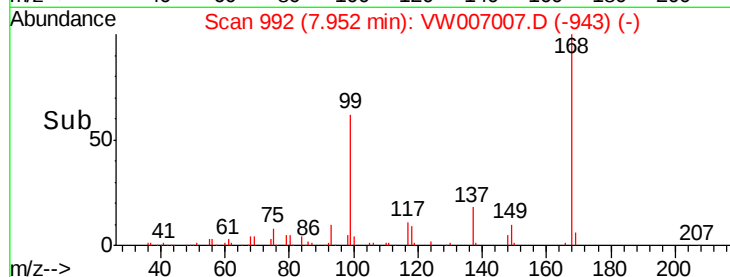
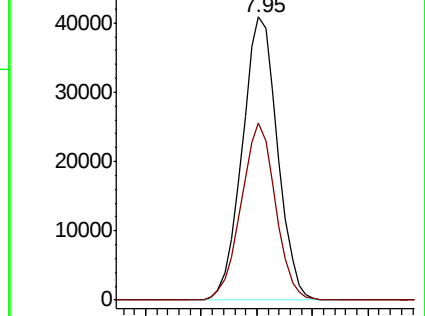
168 100

99 62.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 51.228 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW007007.D

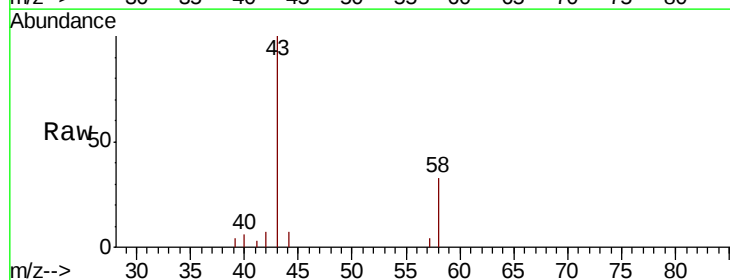
Acq: 21 Nov 2018 18:24

Tgt Ion: 43 Resp: 6528

Ion Ratio Lower Upper

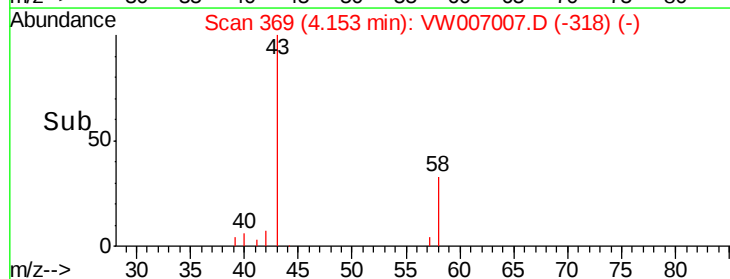
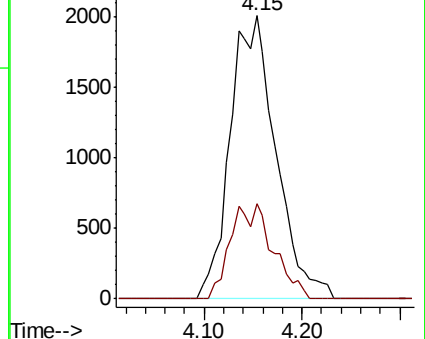
43 100

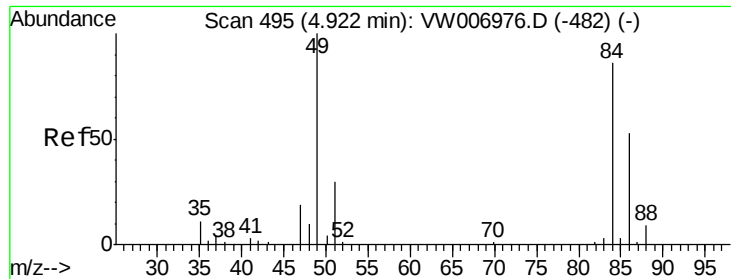
58 33.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

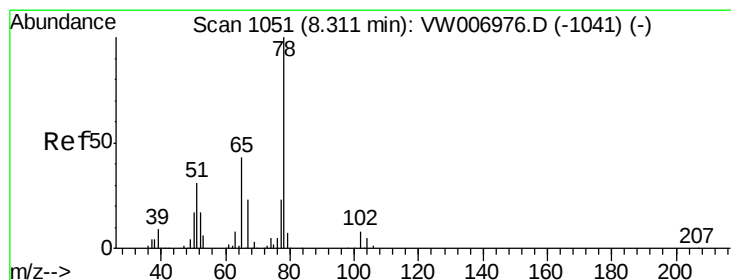
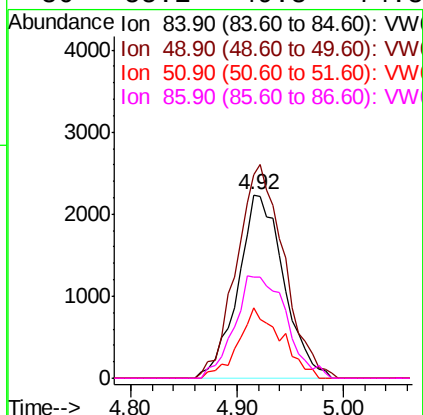
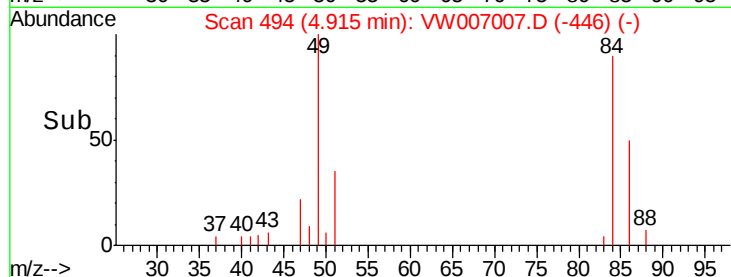
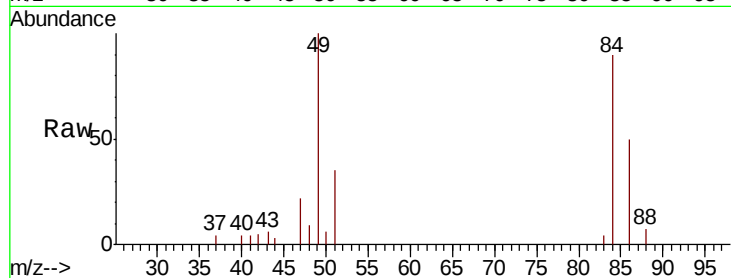




#20
Methvlene Chloride
Concen: 1.383 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007007.D
Acq: 21 Nov 2018 18:24

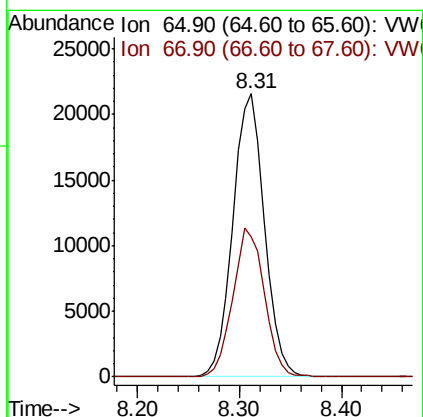
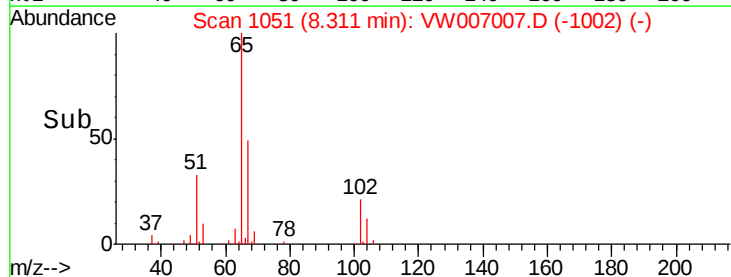
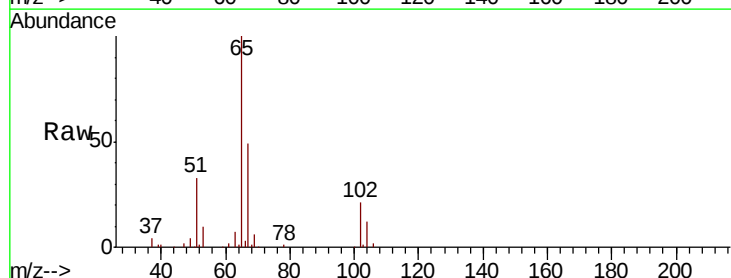
Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-A

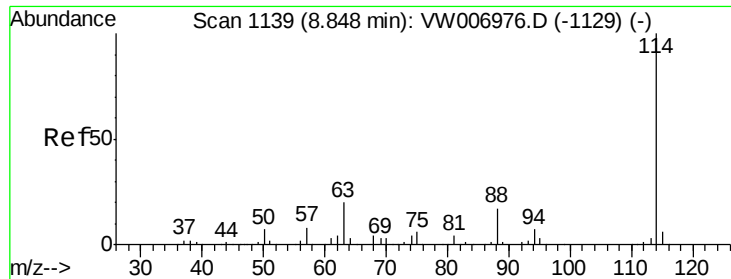
Tot Ion:	84	Resp:	6737
Ion	Ratio	Lower	Upper
84	100		
49	111.1	93.4	140.0
51	38.5	28.4	42.6
86	55.1	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 52.600 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007007.D
Acq: 21 Nov 2018 18:24

Tgt Ion:	65	Resp:	46166
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.2

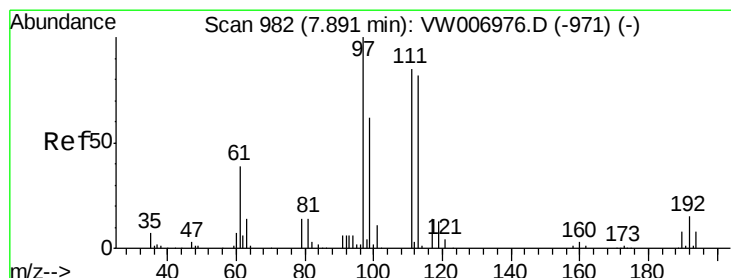
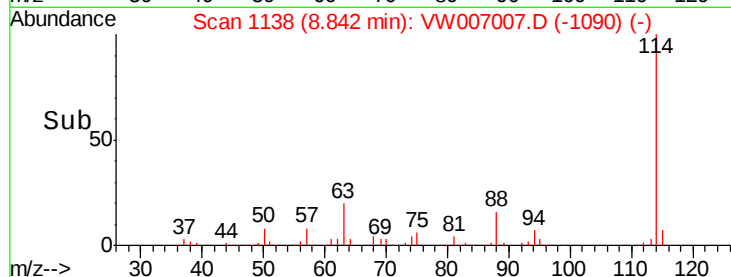
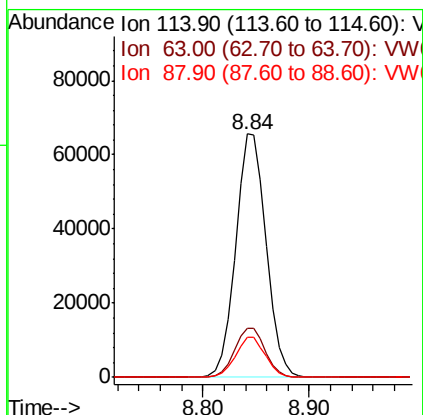
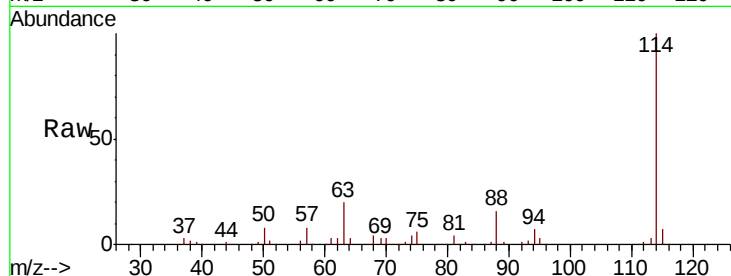




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007007.D
 Acq: 21 Nov 2018 18:24

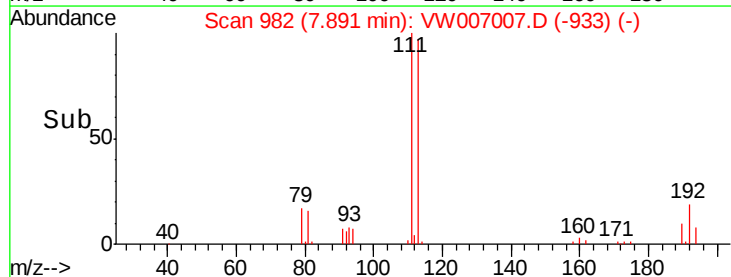
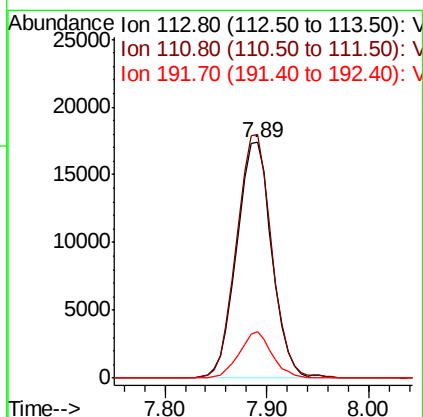
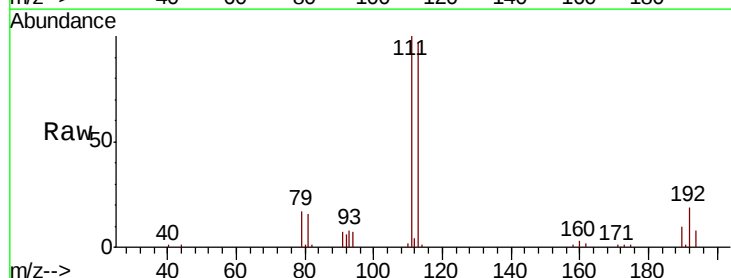
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-111918-A

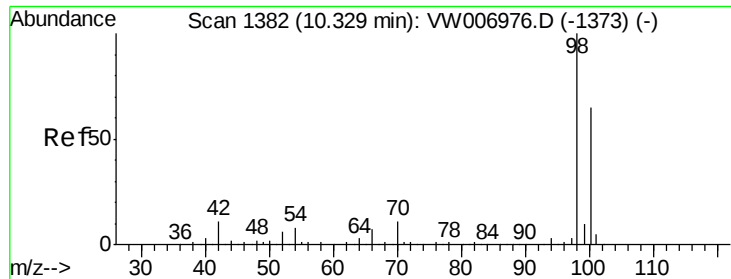
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.4
88	16.5	0.0	34.2



#35
 Dibromofluoromethane
 Concen: 55.940 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007007.D
 Acq: 21 Nov 2018 18:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.6
192	18.3	15.0	22.6





#50

Toluene-d8

Concen: 3.096 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007007.D

Acq: 21 Nov 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

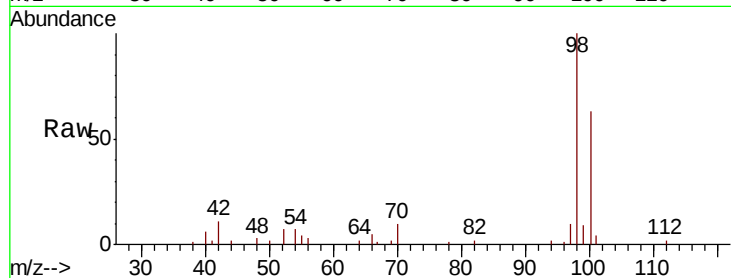
HR-06-111918-A

Tot Ion: 98 Resp: 10149

Ion Ratio Lower Upper

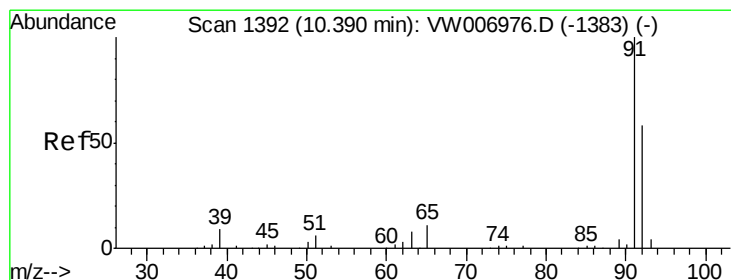
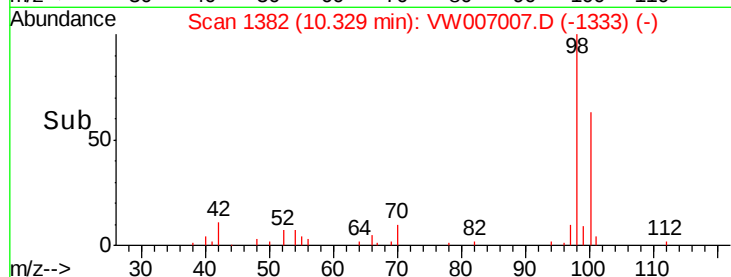
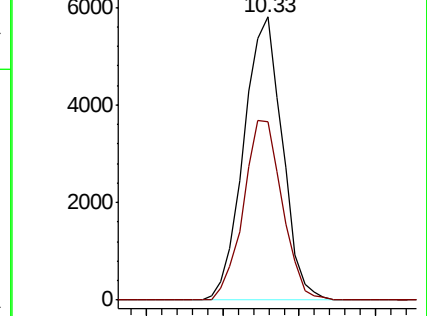
98 100

100 63.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.803 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007007.D

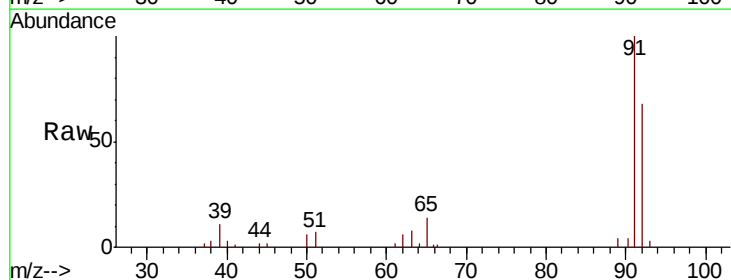
Acq: 21 Nov 2018 18:24

Tgt Ion: 92 Resp: 4254

Ion Ratio Lower Upper

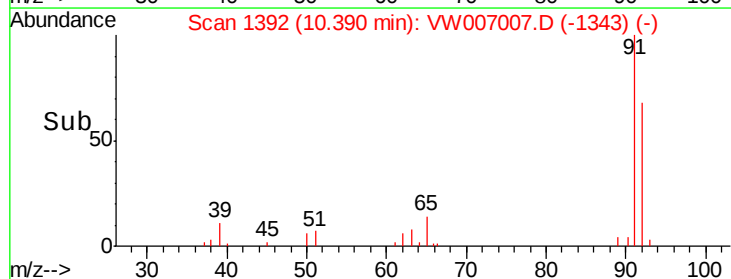
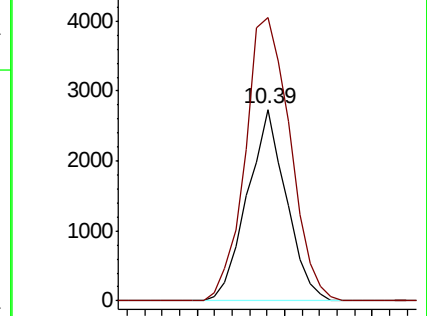
92 100

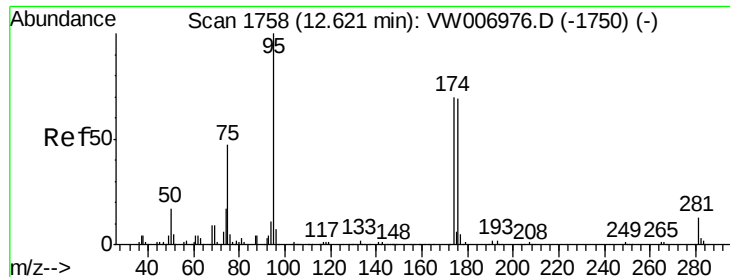
91 169.8 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 35.888 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007007.D

Acq: 21 Nov 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

HR-06-111918-A

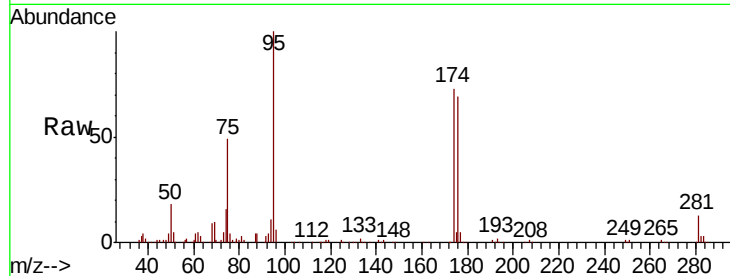
Tot Ion: 95 Resp: 46296

Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.6

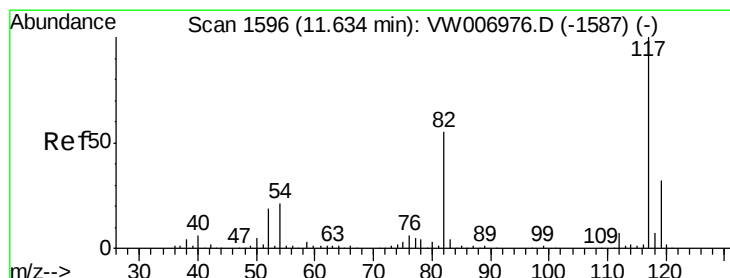
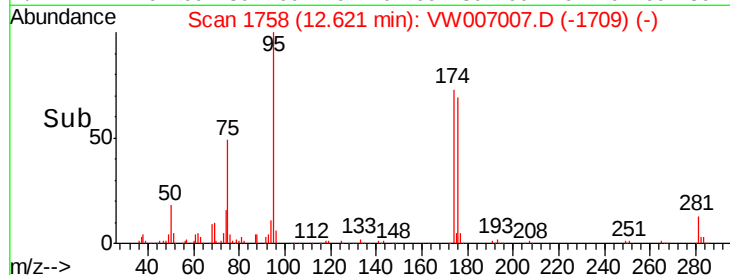
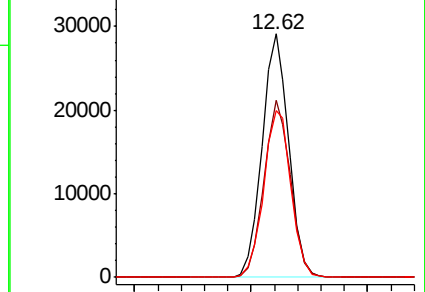
176 70.1 0.0 140.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007007.D

Acq: 21 Nov 2018 18:24

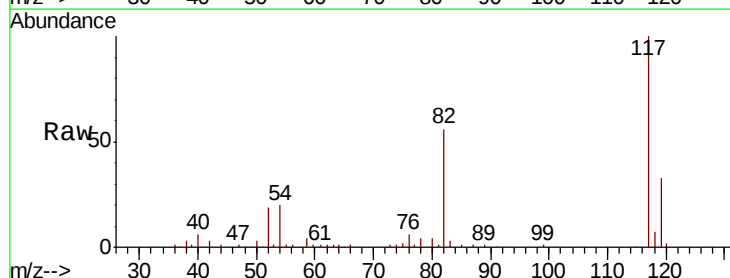
Tgt Ion: 117 Resp: 39907

Ion Ratio Lower Upper

117 100

82 56.5 44.2 66.2

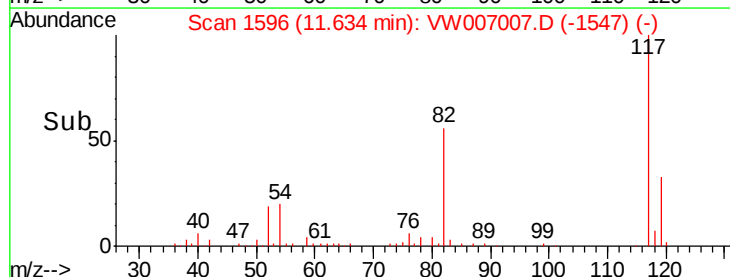
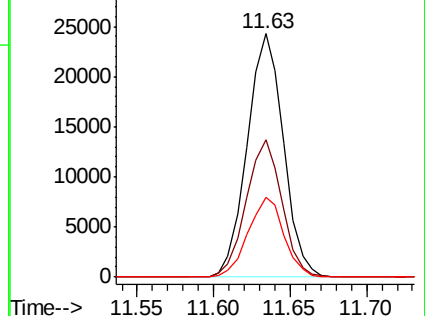
119 33.0 25.9 38.9

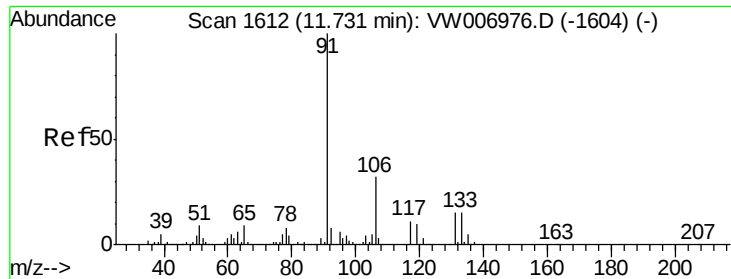


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

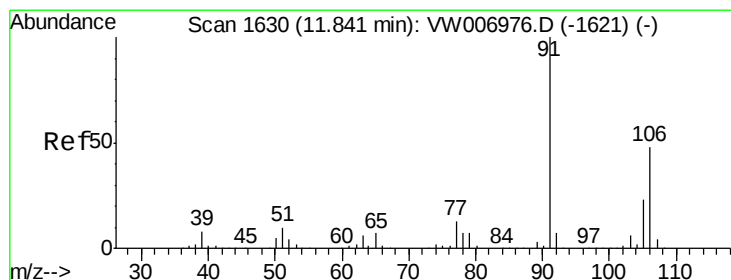
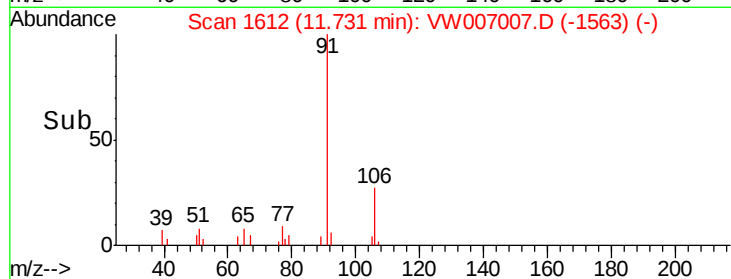
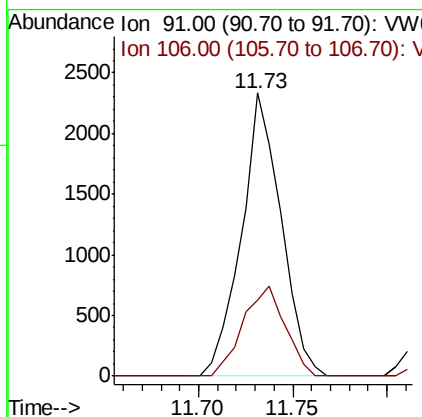
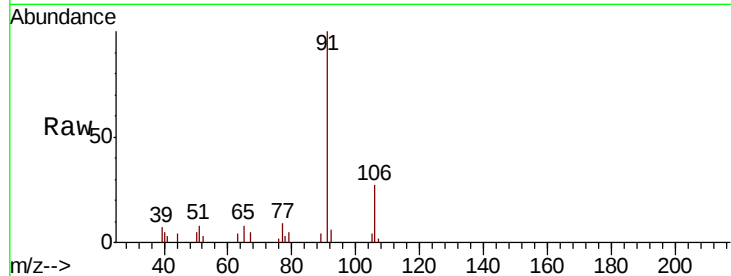




#67
Ethyl Benzene
Concen: 2.228 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007007.D
Acq: 21 Nov 2018 18:24

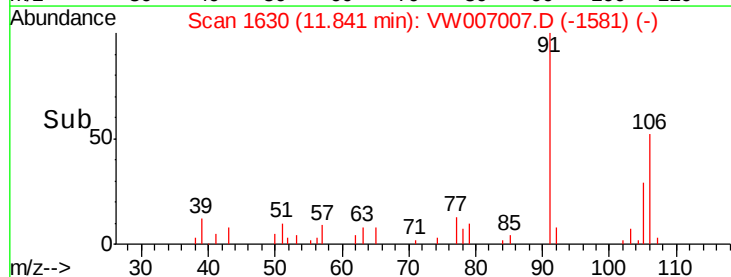
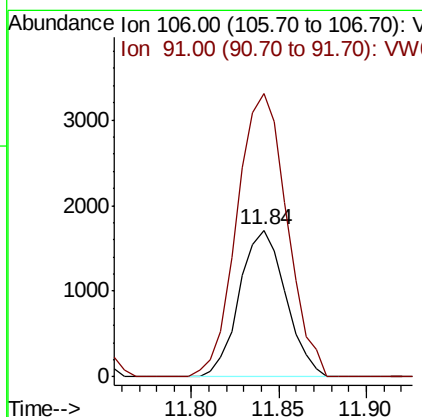
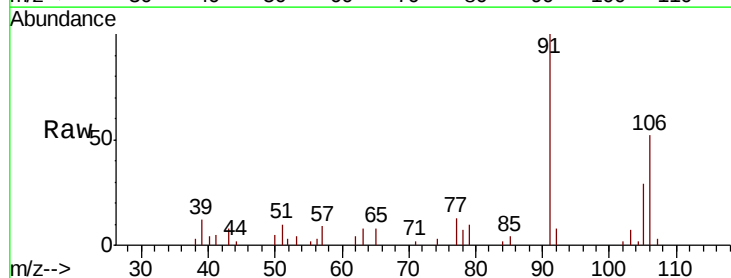
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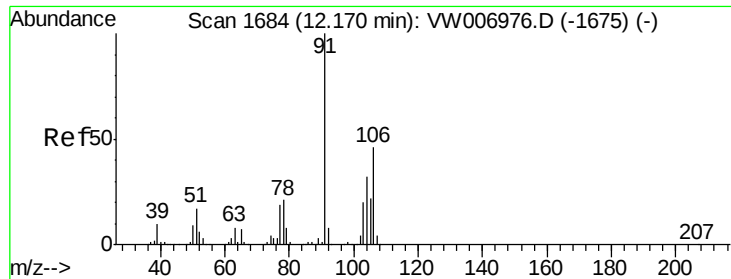
Tot Ion: 91 Resp: 3409
Ion Ratio Lower Upper
91 100
106 26.7 25.4 38.2



#68
m/p-Xylenes
Concen: 5.232 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007007.D
Acq: 21 Nov 2018 18:24

Tgt Ion: 106 Resp: 3141
Ion Ratio Lower Upper
106 100
91 209.2 164.8 247.2

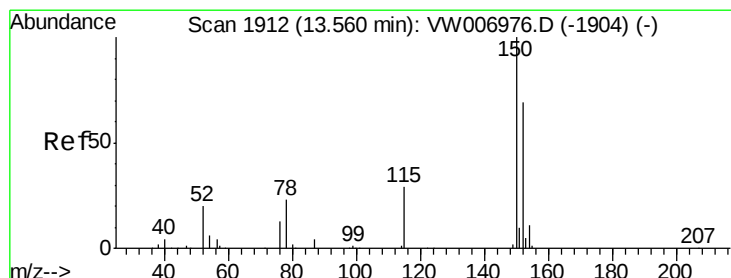
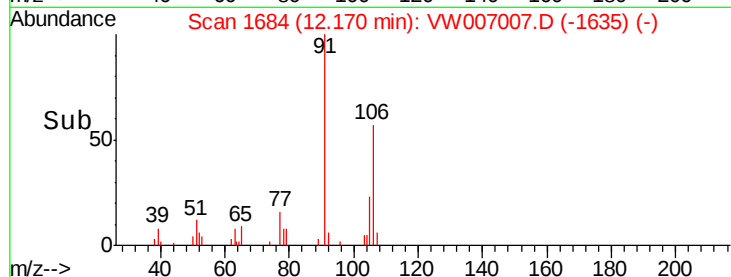
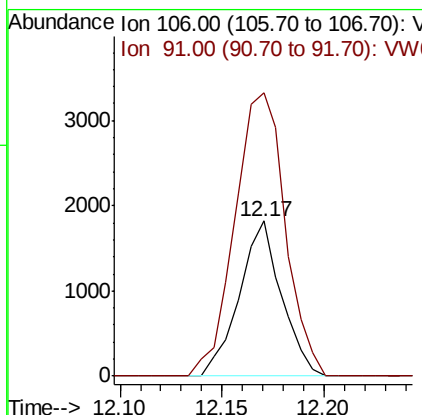
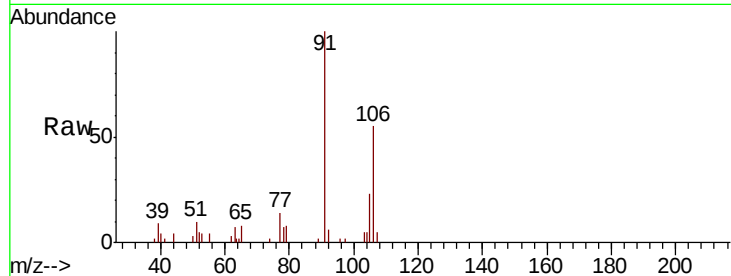




#69
o-Xylene
Concen: 4.611 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007007.D
Acq: 21 Nov 2018 18:24

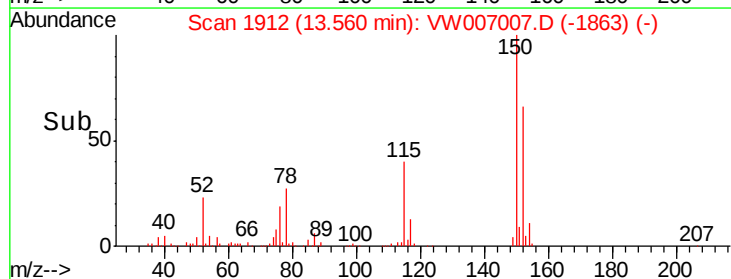
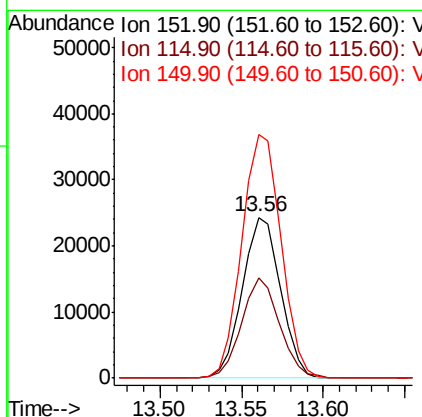
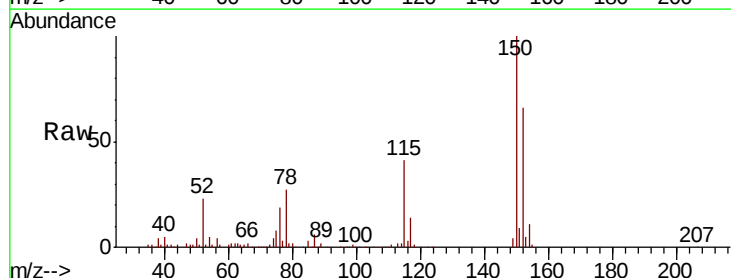
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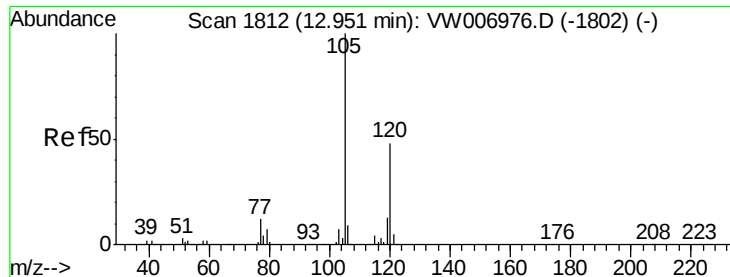
Tot Ion:106 Resp: 2610
Ion Ratio Lower Upper
106 100
91 218.0 107.9 323.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007007.D
Acq: 21 Nov 2018 18:24

Tgt Ion:152 Resp: 39716
Ion Ratio Lower Upper
152 100
115 62.0 31.4 94.2
150 155.8 0.0 353.4

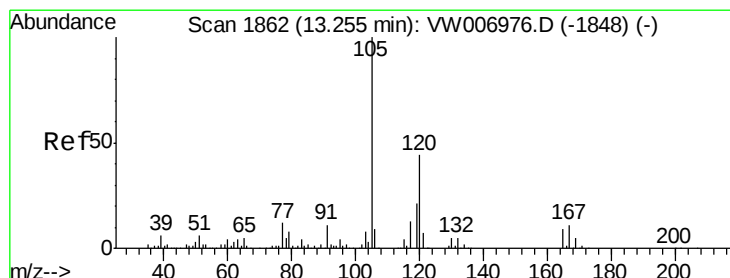
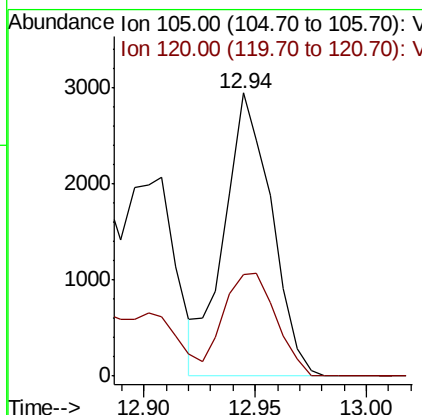
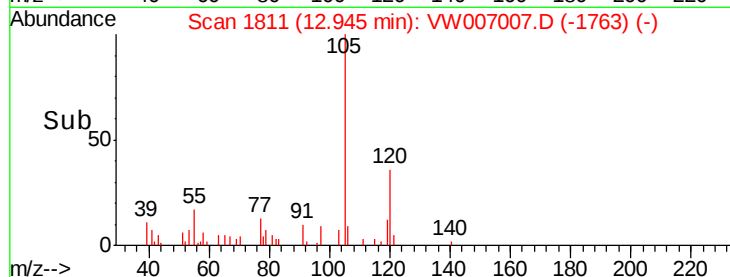
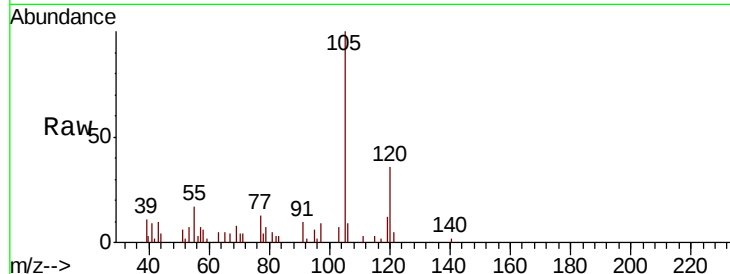




#80
 1,3,5-Trimethylbenzene
 Concen: 1.631 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW007007.D
 Acq: 21 Nov 2018 18:24

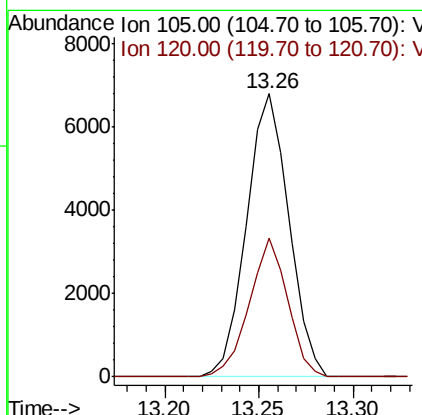
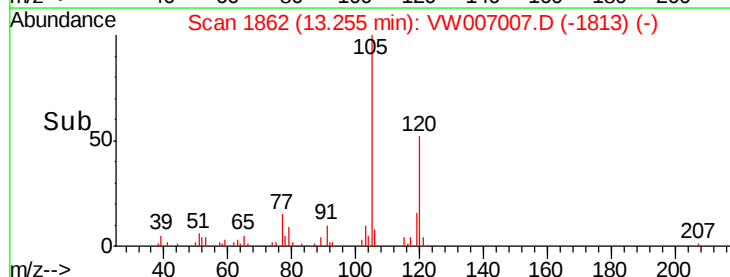
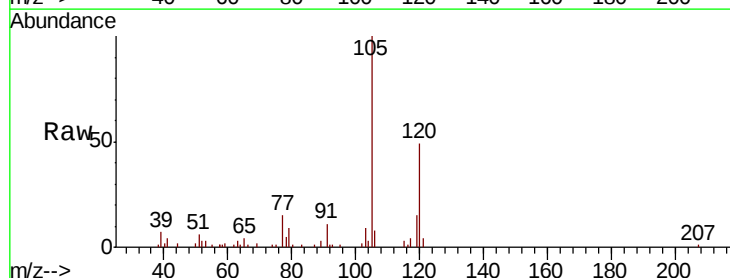
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-111918-A

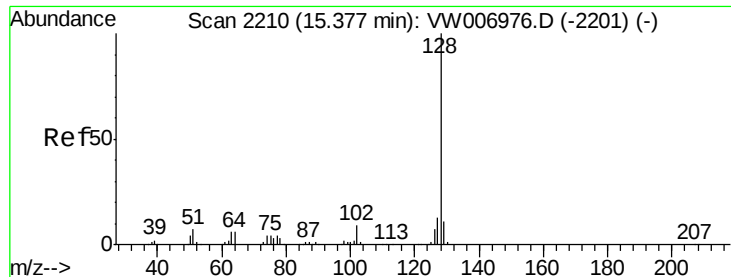
Tot Ion:105 Resp: 4353
 Ion Ratio Lower Upper
 105 100
 120 39.9 23.8 71.2



#84
 1,2,4-Trimethylbenzene
 Concen: 3.967 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007007.D
 Acq: 21 Nov 2018 18:24

Tgt Ion:105 Resp: 10550
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.8 65.3





#95
Naphthalene
Concen: 2.921 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007007.D
Acq: 21 Nov 2018 18:24

Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-A

Tot Ion:128 Resp: 4147
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 8.0 8.7 13.1#

