

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007008.D
 Acq On : 21 Nov 2018 18:49
 Operator : VAY/AP
 Sample : J5763-03
 Misc : 5.35G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Nov 22 05:37:25 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	7.96	168	61442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	83622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	34084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	21573	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	35424	58.89	ug/l	0.00
Spiked Amount			Recovery	=	117.78%	
35) Dibromofluoromethane	7.89	113	29734	62.96	ug/l	0.00
Spiked Amount			Recovery	=	125.92%	
50) Toluene-d8	10.33	98	16133	7.74	ug/l	0.00
Spiked Amount			Recovery	=	15.48%	
62) 4-Bromofluorobenzene	12.62	95	27350	33.33	ug/l	0.00
Spiked Amount			Recovery	=	66.66%	

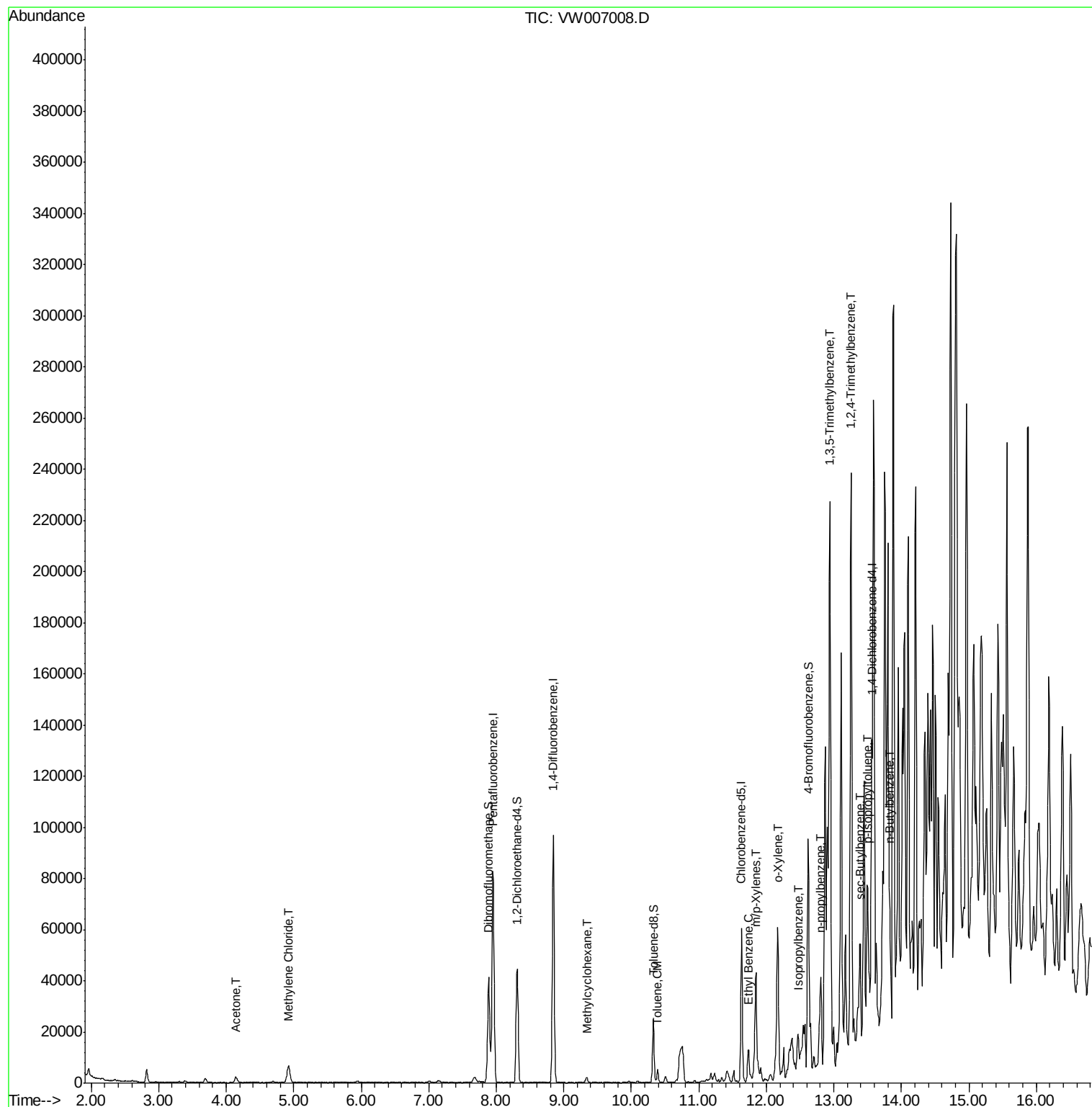
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	3917	44.850	ug/l	99
20) Methylene Chloride	4.92	84	5185	2.298	ug/l	85
39) Methylcyclohexane	9.34	83	1023	1.000	ug/l	91
52) Toluene	10.39	92	2146	1.430	ug/l	94
67) Ethyl Benzene	11.74	91	8984	6.875	ug/l	95
68) m/p-Xylenes	11.84	106	6661	12.992	ug/l	98
69) o-Xylene	12.17	106	14614	30.228	ug/l	95
73) Isopropylbenzene	12.47	105	8485	5.061	ug/l	99
78) n-propylbenzene	12.81	91	27237	13.411	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	69684	48.062	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	124497	86.186	ug/l	98
85) sec-Butylbenzene	13.39	105	23872	13.462	ug/l	88
86) p-Isopropyltoluene	13.51	119	20942	13.386	ug/l	99
89) n-Butylbenzene	13.83	91	21645	14.702	ug/l #	72

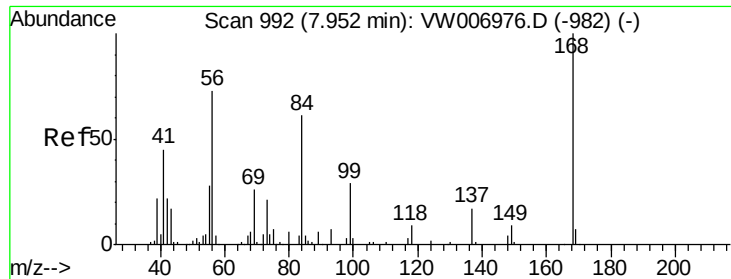
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007008.D

Acq: 21 Nov 2018 18:49

Instrument :

MSVOA_W

ClientSampleId :

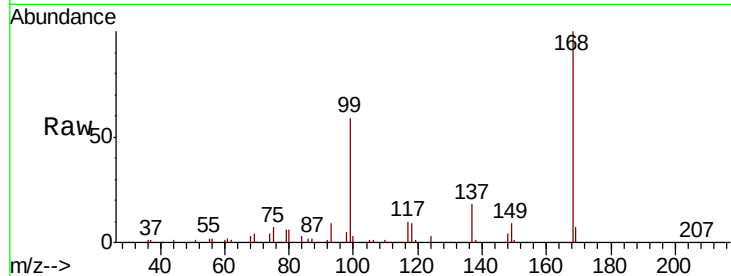
HR-06-111918-B

Tot Ion:168 Resp: 61442

Ion Ratio Lower Upper

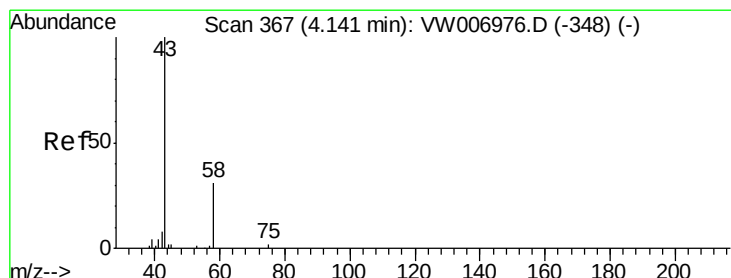
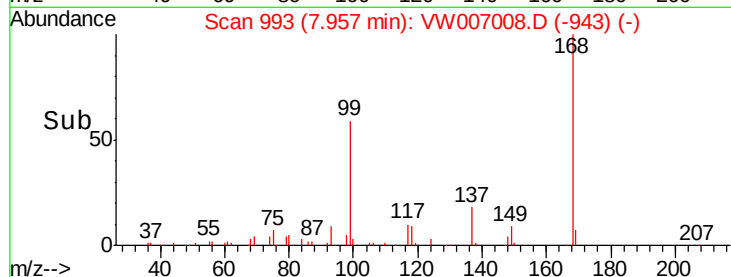
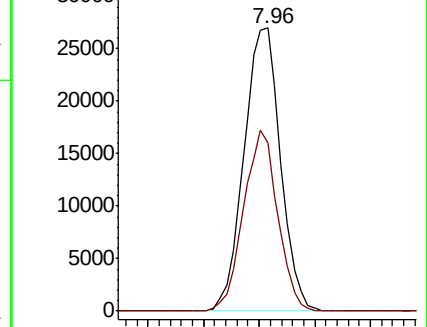
168 100

99 59.4 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: 44.850 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007008.D

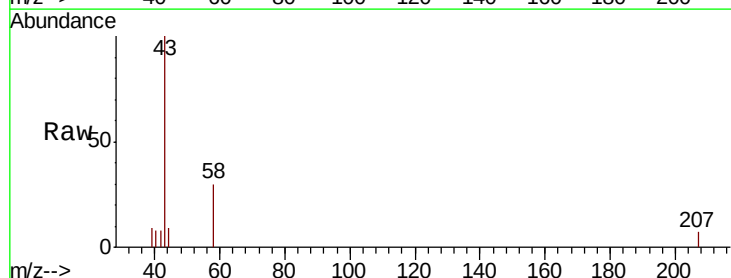
Acq: 21 Nov 2018 18:49

Tgt Ion: 43 Resp: 3917

Ion Ratio Lower Upper

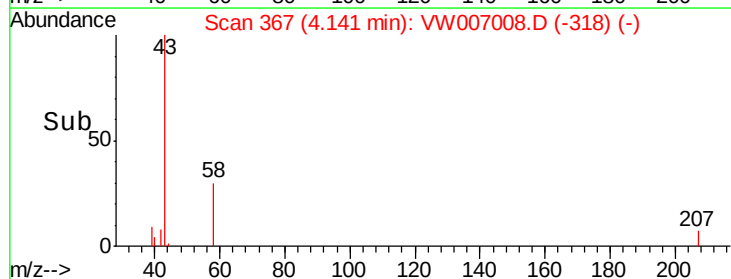
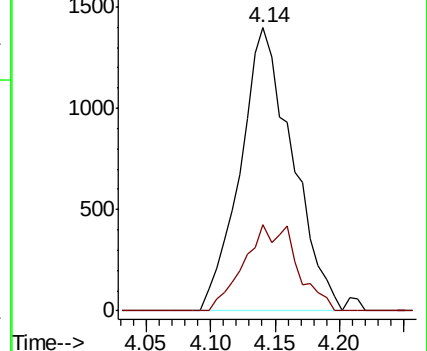
43 100

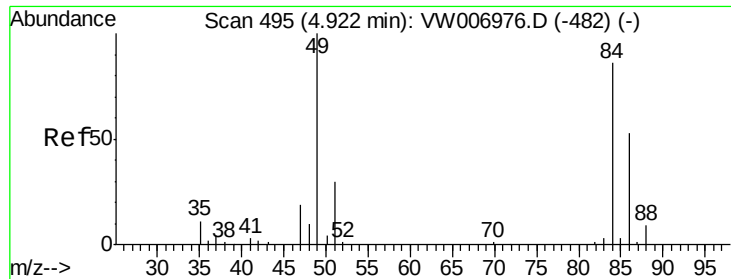
58 30.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

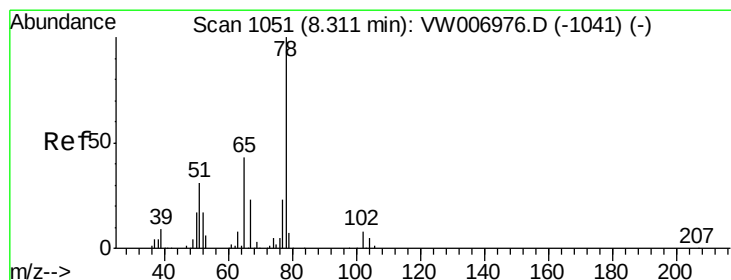
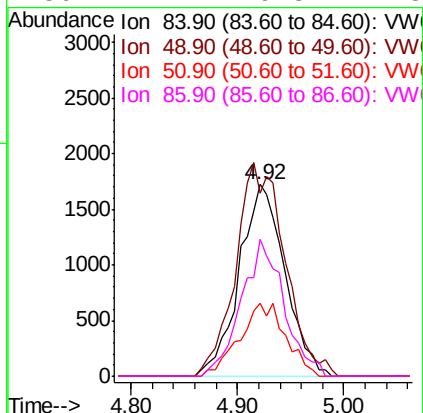
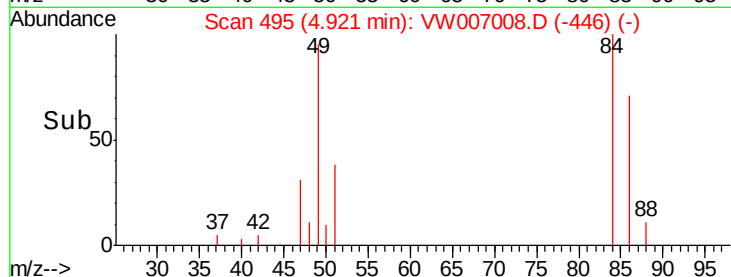
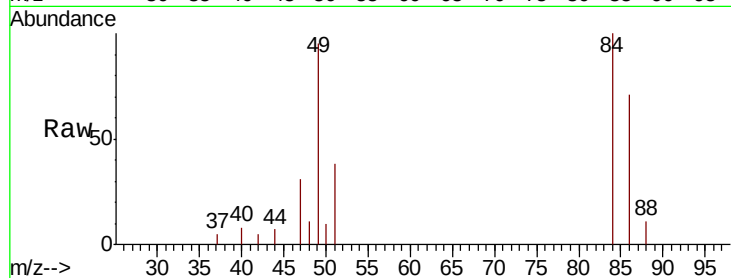




#20
Methylene Chloride
Concen: 2.298 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

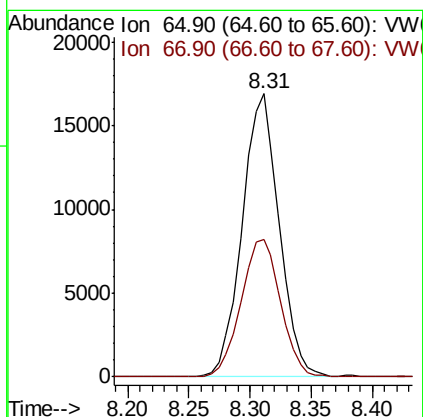
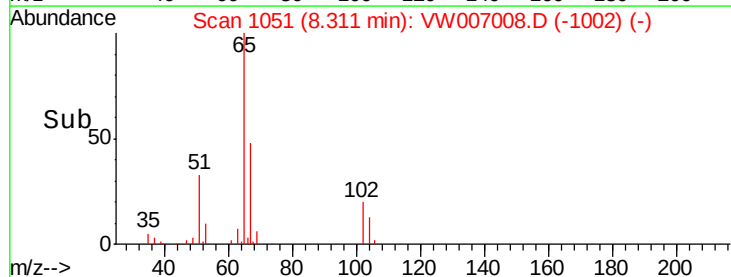
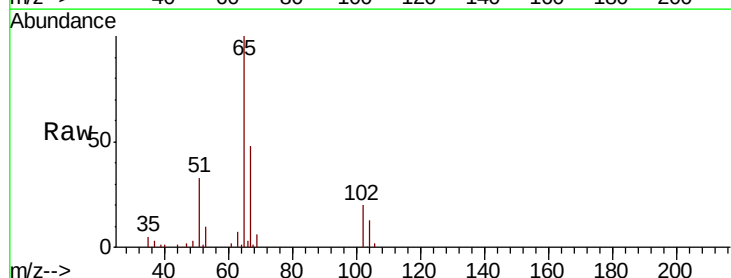
Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-B

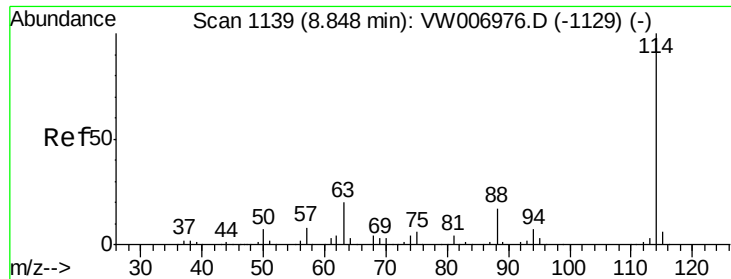
Tot Ion:	84	Resp:	5185
Ion	Ratio	Lower	Upper
84	100		
49	95.1	93.4	140.0
51	38.1	28.4	42.6
86	71.4	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 58.890 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

Tgt Ion:	65	Resp:	35424
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.2

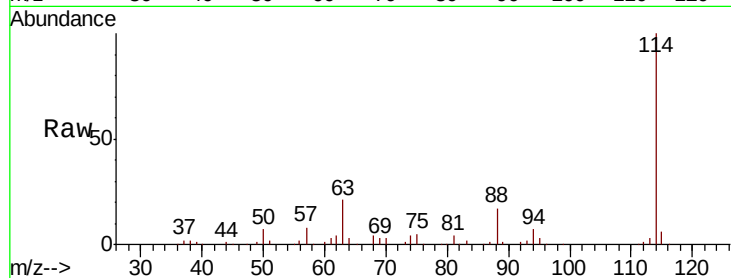




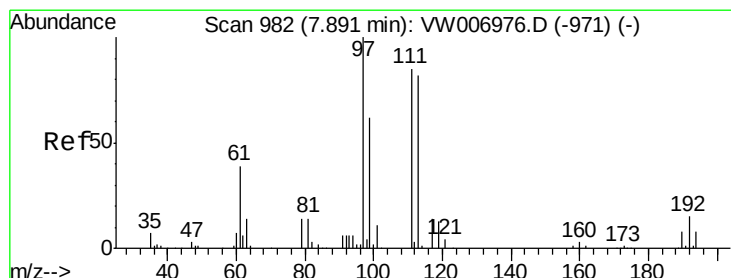
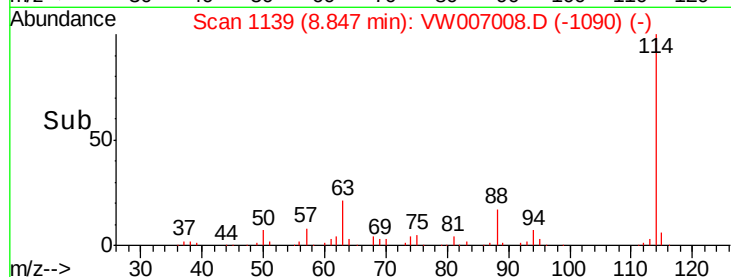
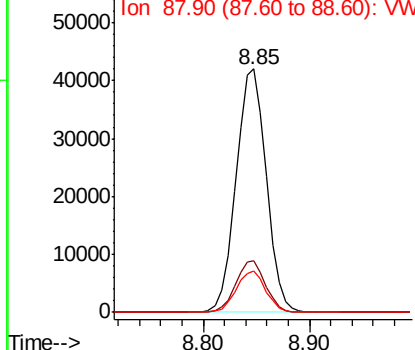
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

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

Tot Ion:114 Resp: 83622
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.4
88 16.9 0.0 34.2

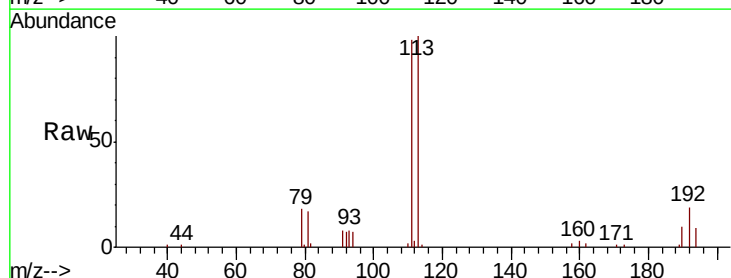


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

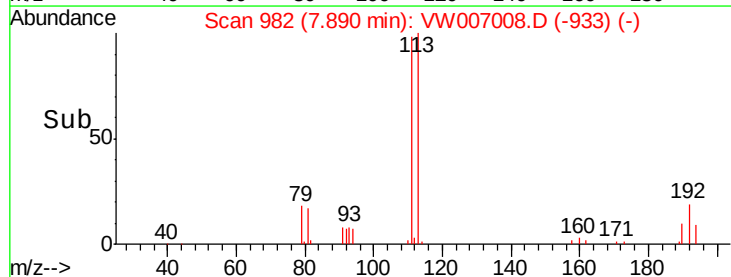
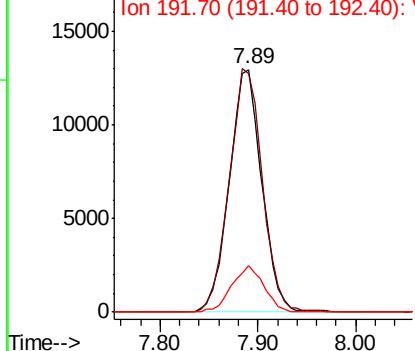


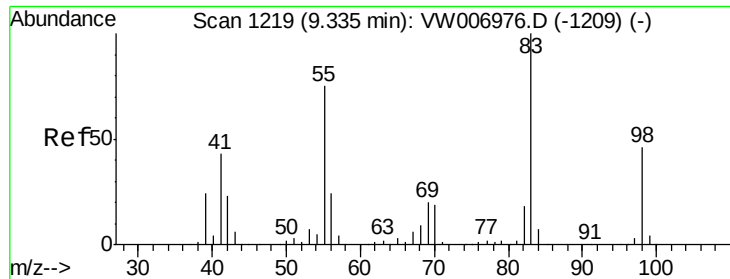
#35
Dibromofluoromethane
Concen: 62.964 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

Tgt Ion:113 Resp: 29734
Ion Ratio Lower Upper
113 100
111 102.5 81.0 121.6
192 18.7 15.0 22.6



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

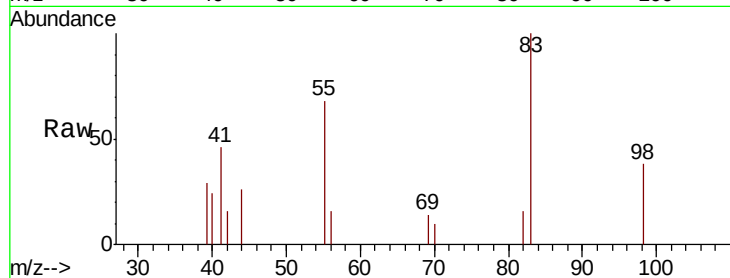




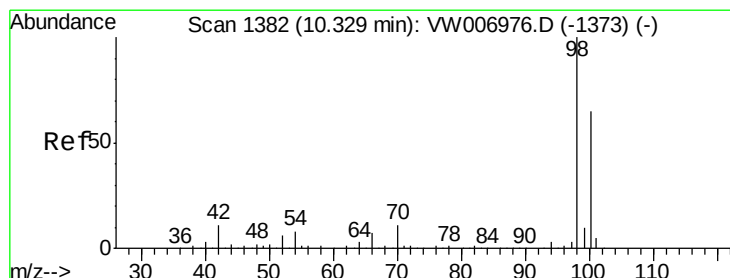
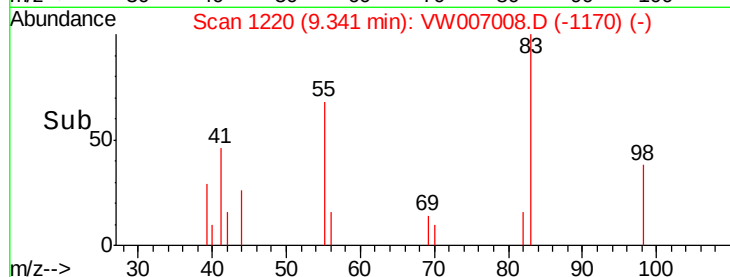
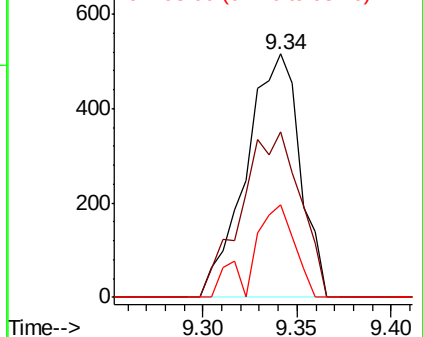
#39
Methylvlcyclohexane
Concen: 1.000 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

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

Tot Ion: 83 Resp: 1023
Ion Ratio Lower Upper
83 100
55 68.2 59.6 89.4
98 38.2 37.1 55.7

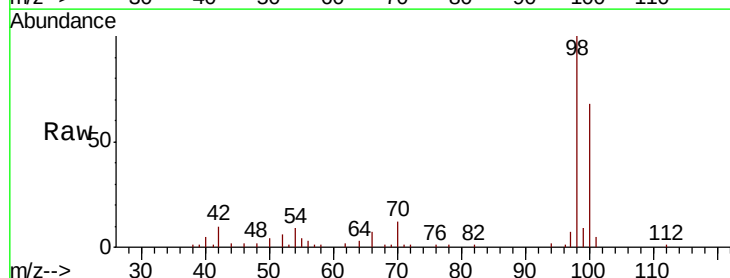


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

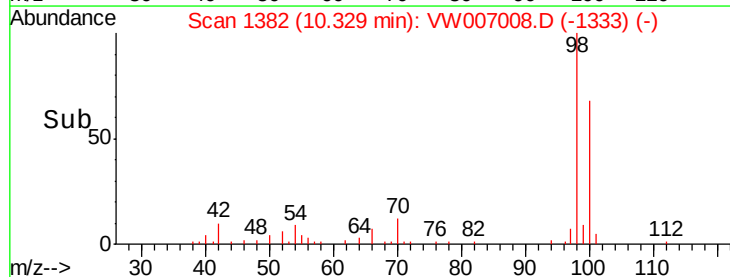
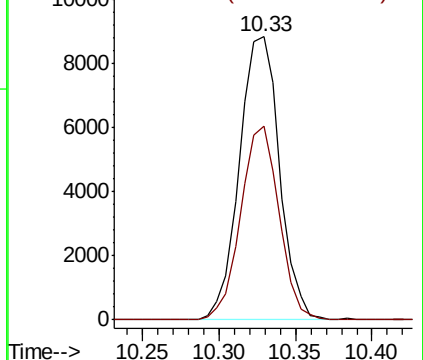


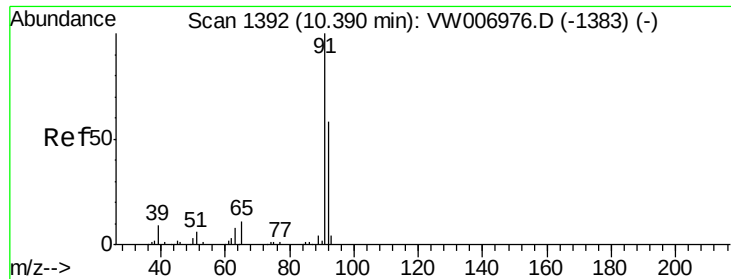
#50
Toluene-d8
Concen: 7.736 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

Tgt Ion: 98 Resp: 16133
Ion Ratio Lower Upper
98 100
100 65.3 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: 1.430 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007008.D

Acq: 21 Nov 2018 18:49

Instrument :

MSVOA_W

ClientSampleId :

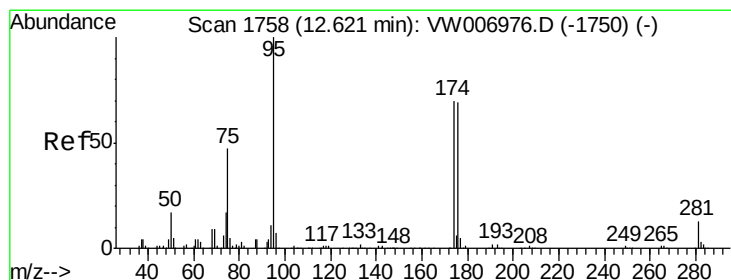
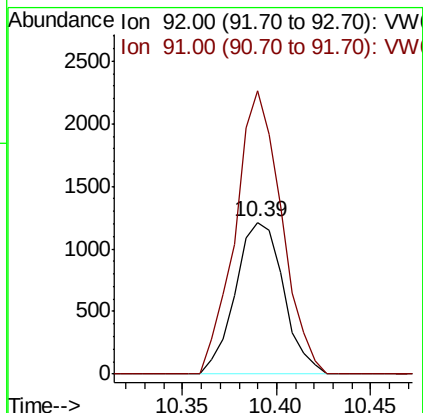
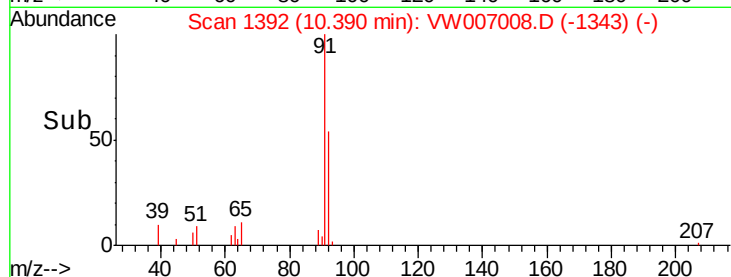
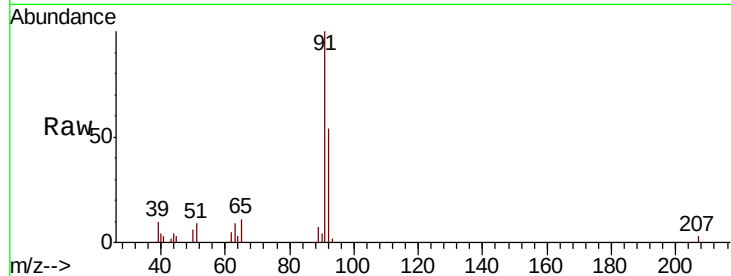
HR-06-111918-B

Tot Ion: 92 Resp: 2146

Ion Ratio Lower Upper

92 100

91 179.4 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 33.329 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007008.D

Acq: 21 Nov 2018 18:49

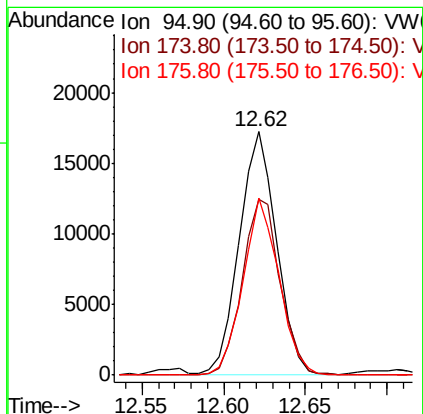
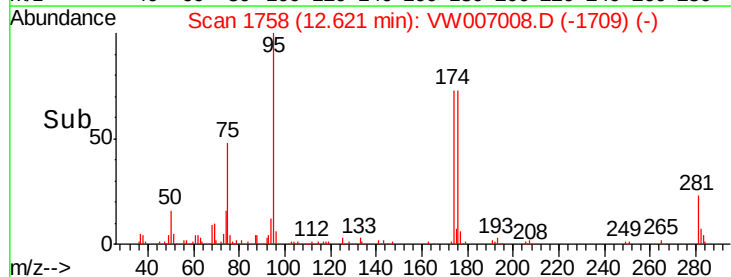
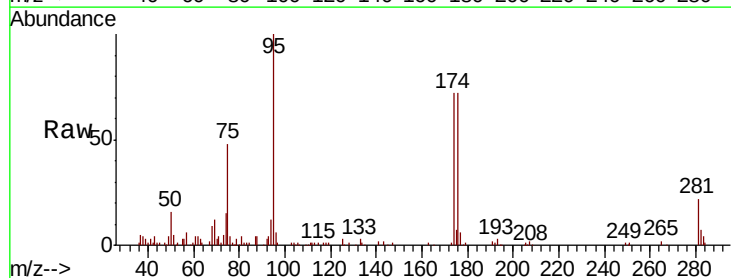
Tgt Ion: 95 Resp: 27350

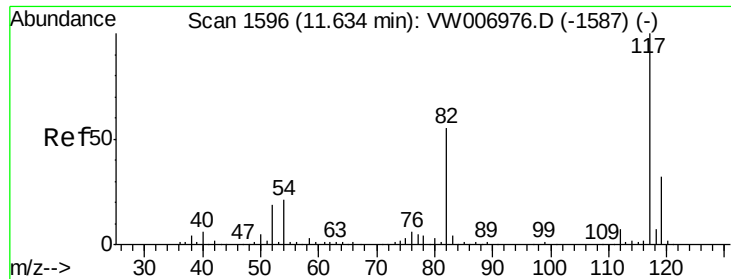
Ion Ratio Lower Upper

95 100

174 73.7 0.0 143.6

176 70.0 0.0 140.4

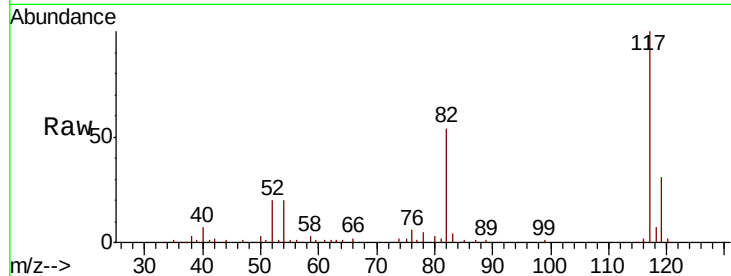




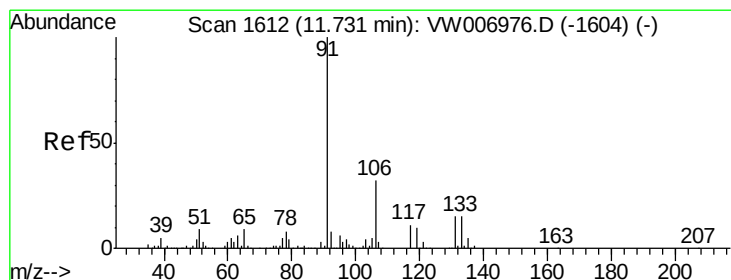
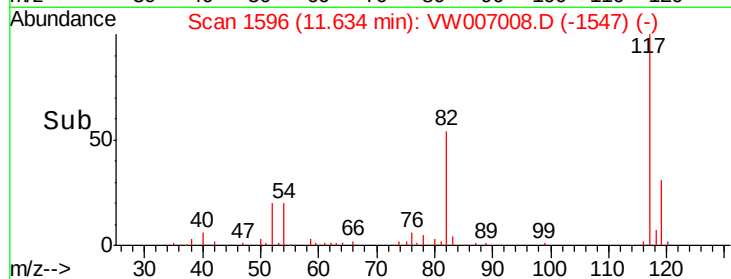
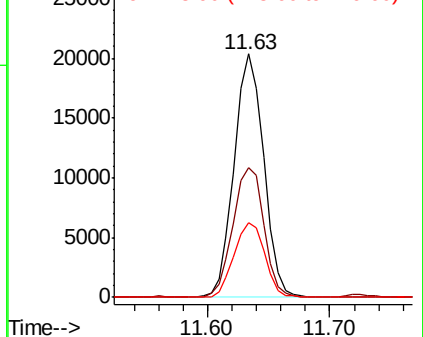
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

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

Tot Ion:117 Resp: 34084
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.2
119 30.7 25.9 38.9

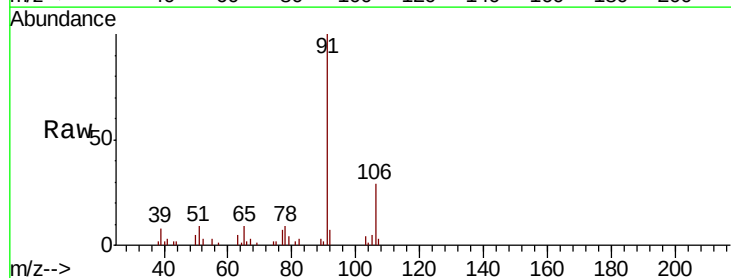


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

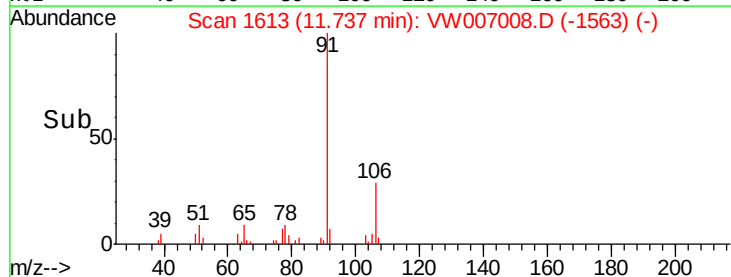
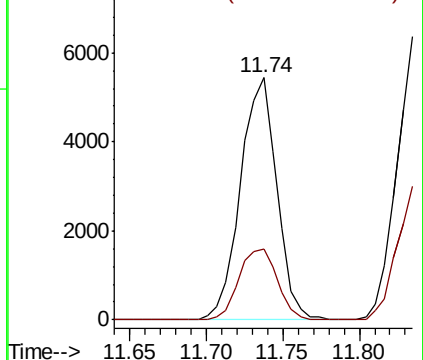


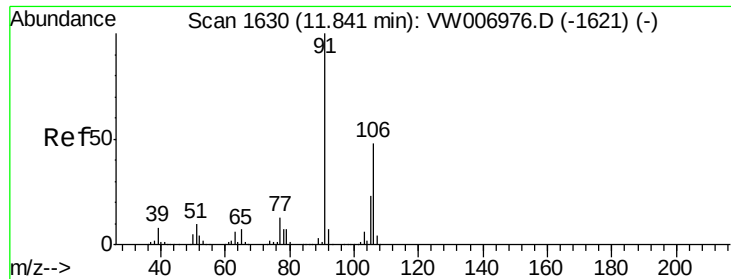
#67
Ethyl Benzene
Concen: 6.875 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

Tgt Ion: 91 Resp: 8984
Ion Ratio Lower Upper
91 100
106 29.1 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V

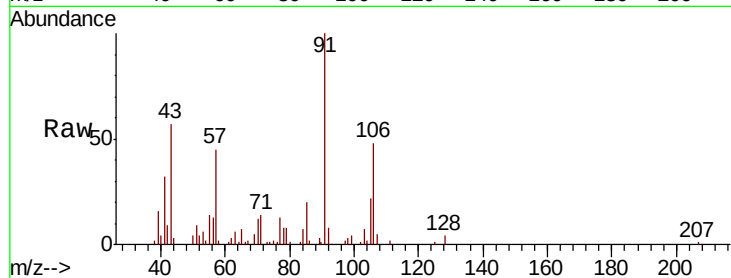




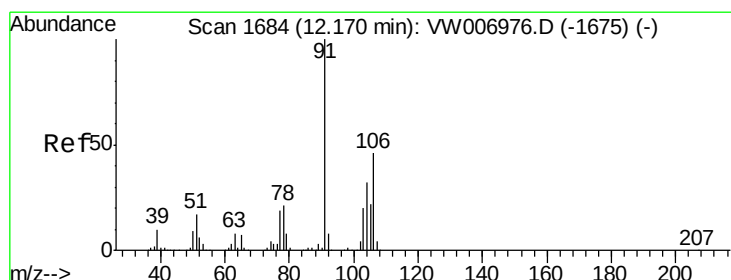
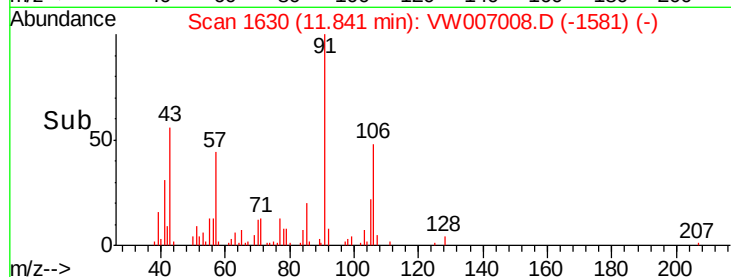
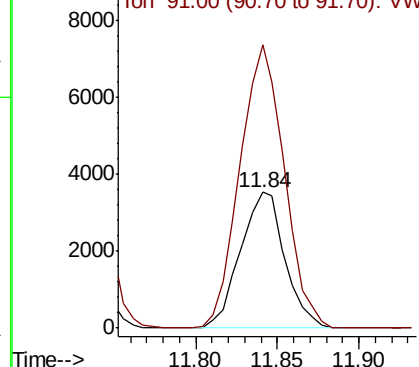
#68
m/p-Xylenes
Concen: 12.992 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

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

Tot Ion:106 Resp: 6661
Ion Ratio Lower Upper
106 100
91 208.9 164.8 247.2

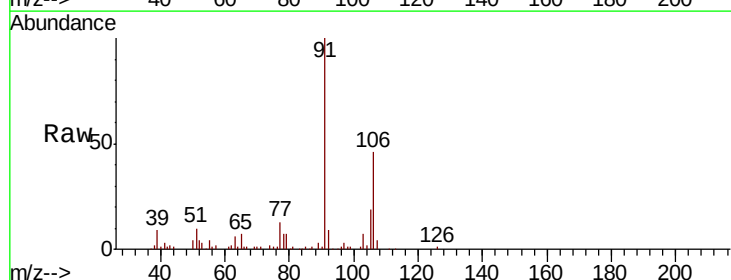


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

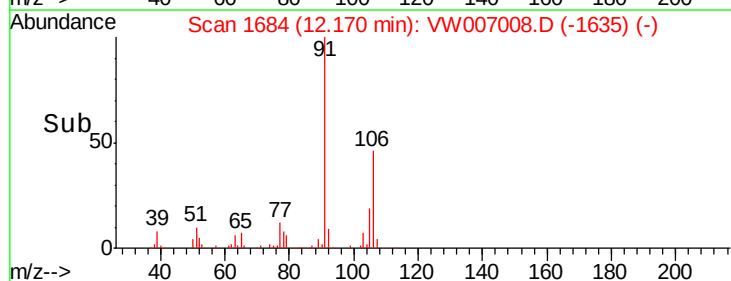
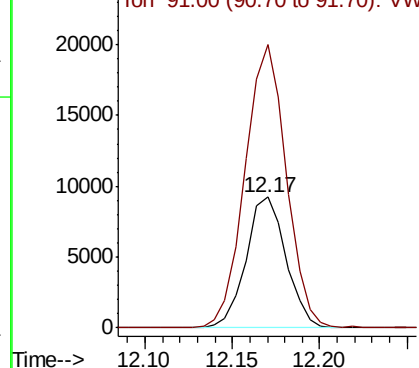


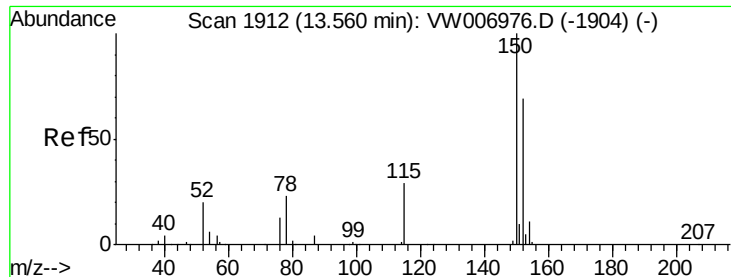
#69
o-Xylene
Concen: 30.228 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

Tgt Ion:106 Resp: 14614
Ion Ratio Lower Upper
106 100
91 224.3 107.9 323.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

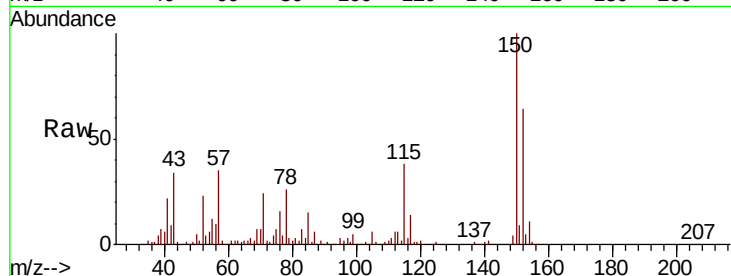




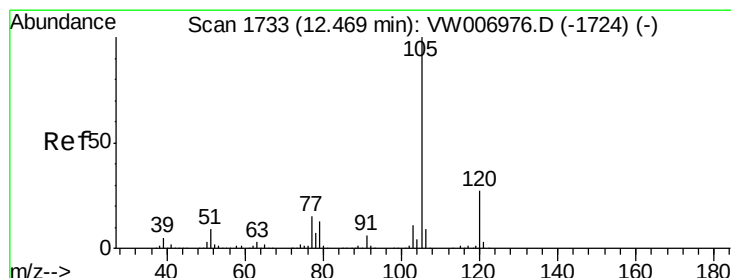
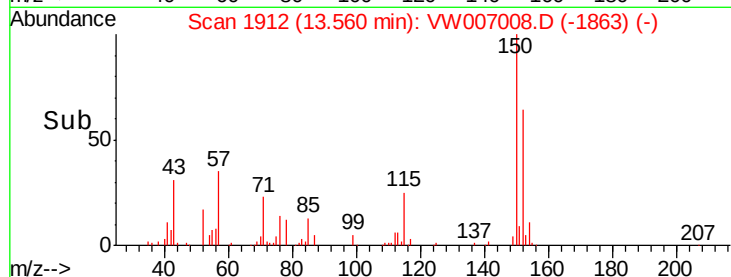
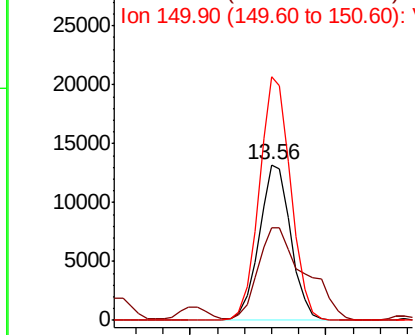
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007008.D
 Acq: 21 Nov 2018 18:49

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

Tot Ion:152 Resp: 21573
 Ion Ratio Lower Upper
 152 100
 115 88.3 31.4 94.2
 150 155.0 0.0 353.4

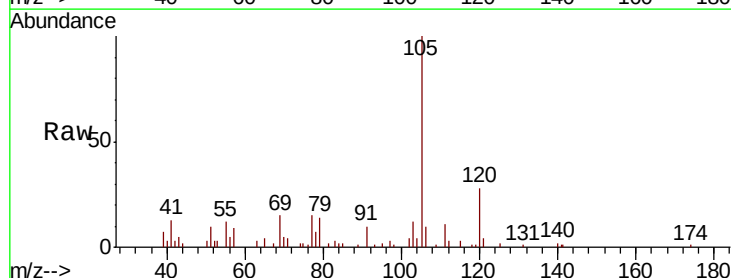


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

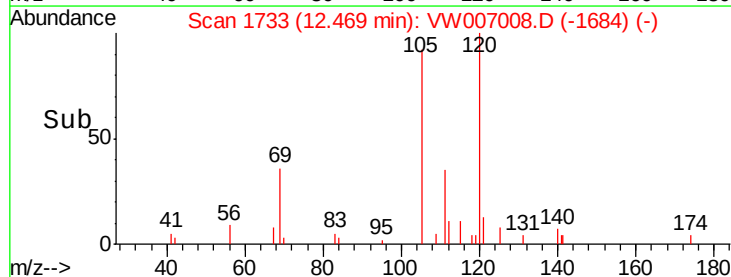
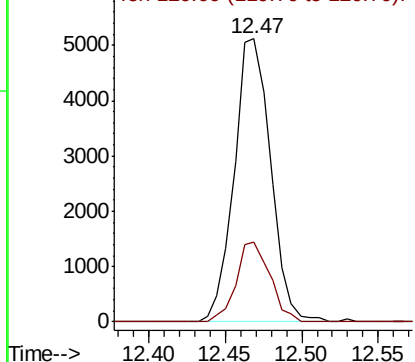


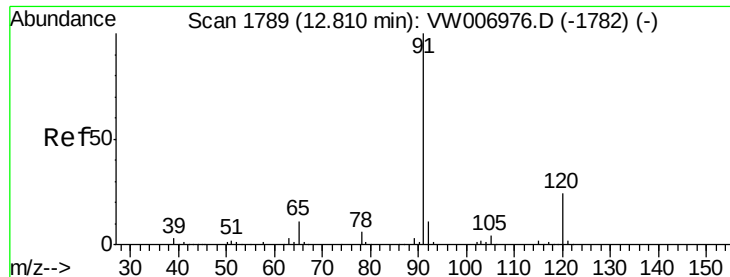
#73
 Isopropylbenzene
 Concen: 5.061 ug/l
 RT: 12.47 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: VW007008.D
 Acq: 21 Nov 2018 18:49

Tgt Ion:105 Resp: 8485
 Ion Ratio Lower Upper
 105 100
 120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

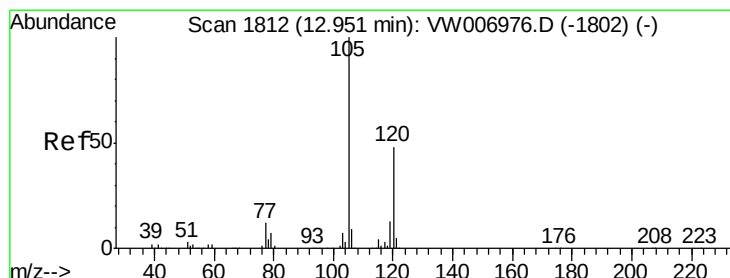
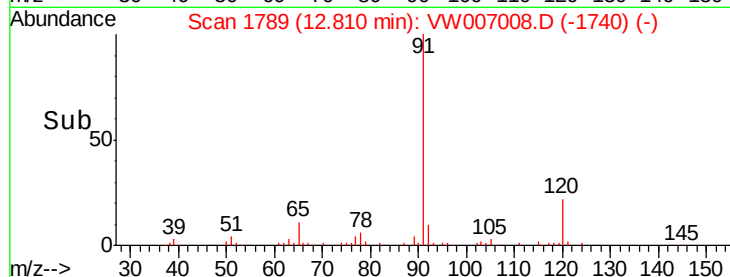
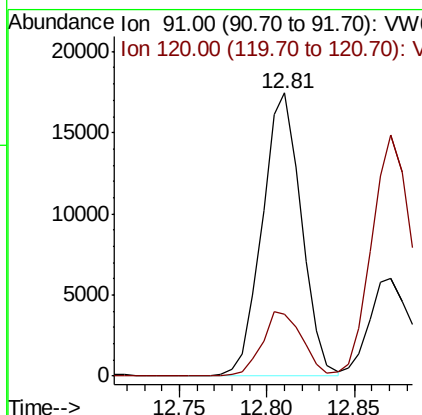
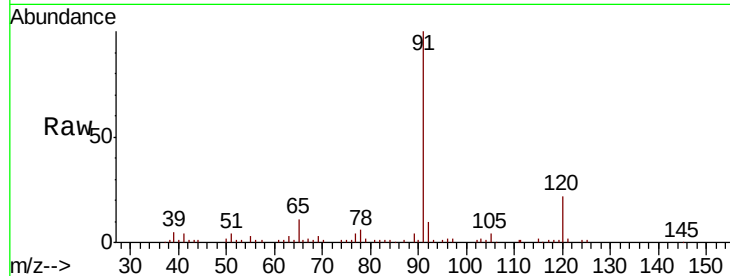




#78
n-propylbenzene
Concen: 13.411 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

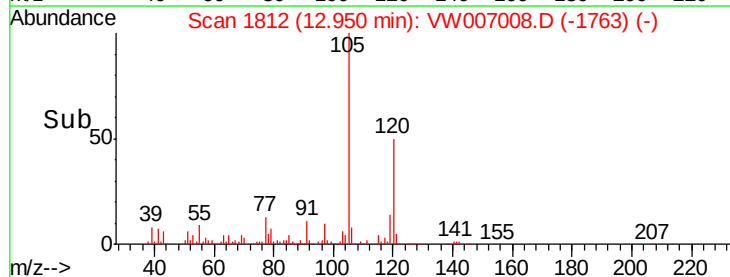
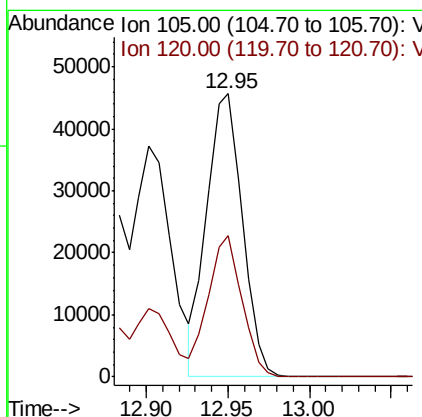
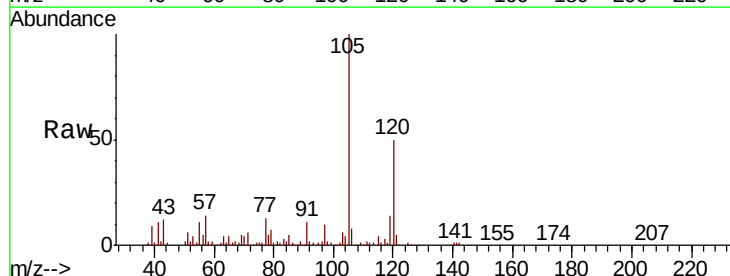
Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-B

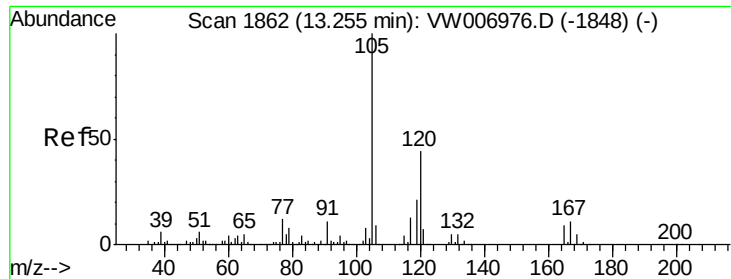
Tot Ion: 91 Resp: 27237
Ion Ratio Lower Upper
91 100
120 23.1 11.7 35.1



#80
1,3,5-Trimethylbenzene
Concen: 48.062 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

Tgt Ion: 105 Resp: 69684
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.2

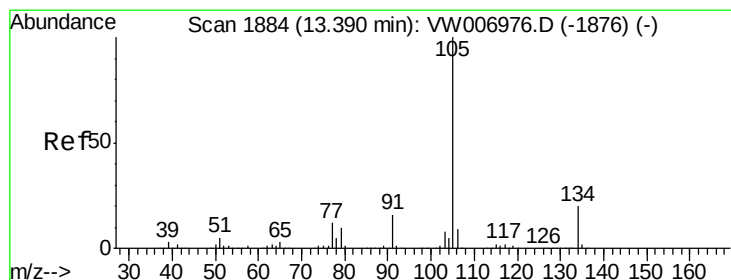
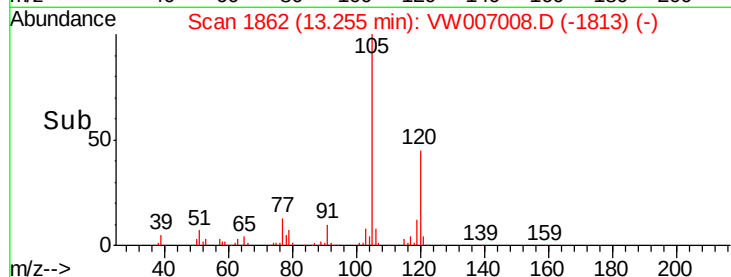
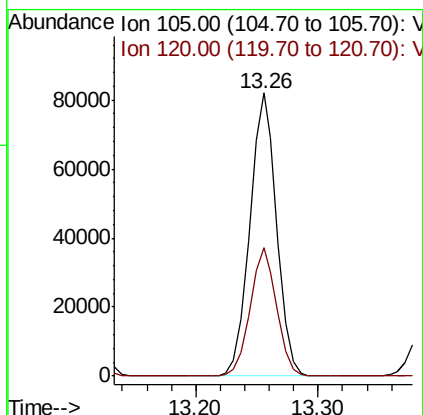
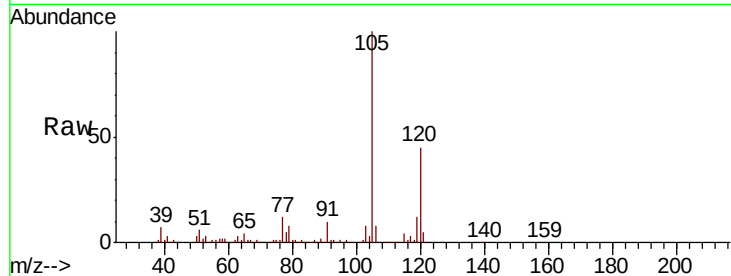




#84
1,2,4-Trimethylbenzene
Concen: 86.186 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

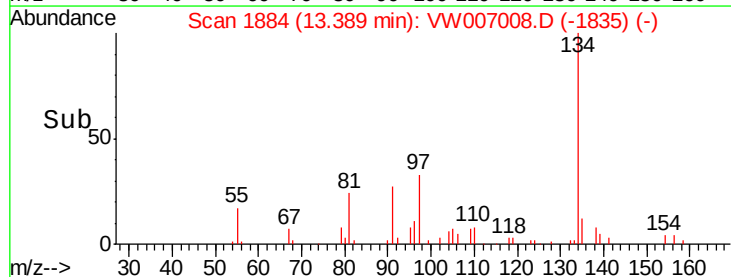
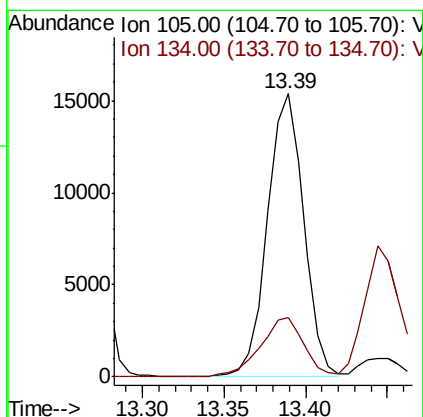
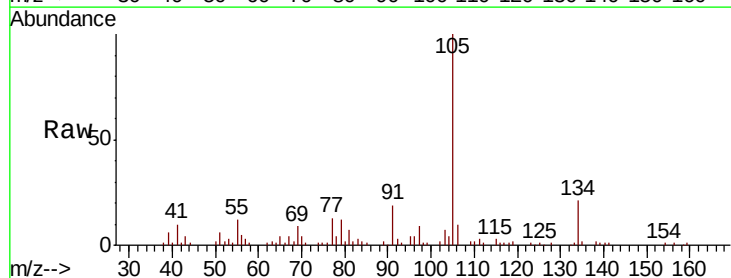
Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-B

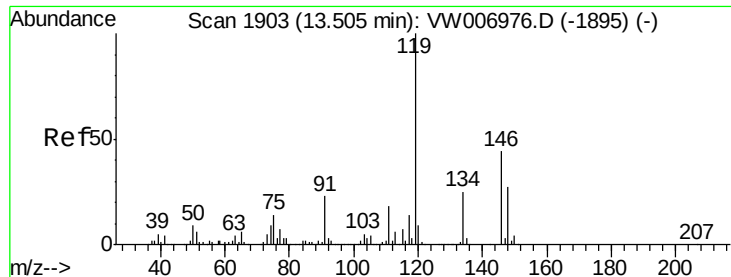
Tot Ion:105 Resp: 124497
Ion Ratio Lower Upper
105 100
120 44.7 21.8 65.3



#85
sec-Butylbenzene
Concen: 13.462 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

Tgt Ion:105 Resp: 23872
Ion Ratio Lower Upper
105 100
134 25.1 9.8 29.3

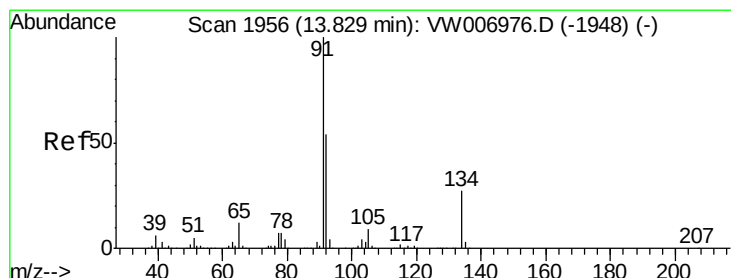
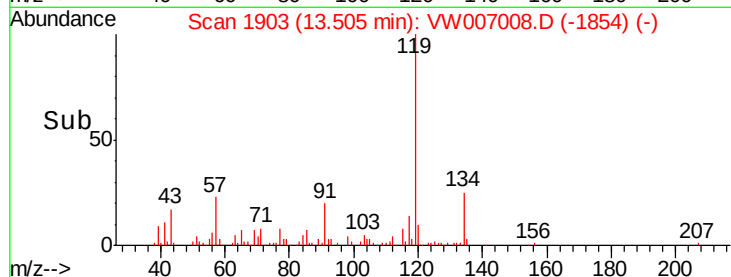
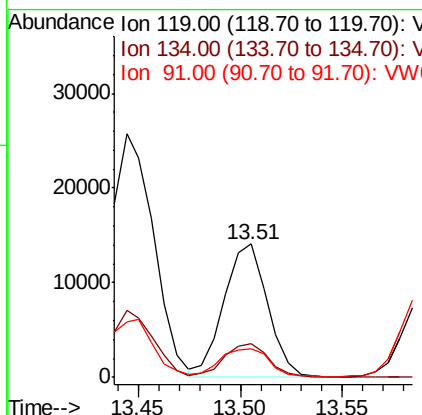
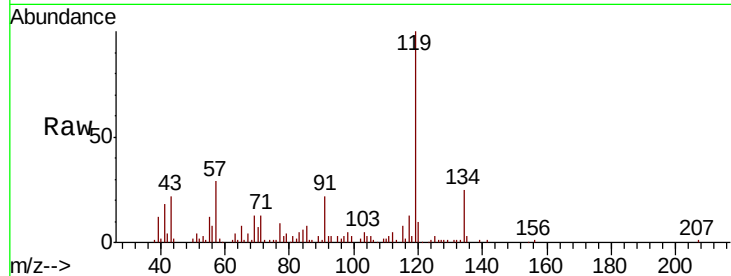




#86
p-Isopropyltoluene
Concen: 13.386 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

Instrument :
MSVOA_W
ClientSampled :
HR-06-111918-B

Tot Ion:119 Resp: 20942
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.3
91 24.0 12.2 36.6



#89
n-Butylbenzene
Concen: 14.702 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007008.D
Acq: 21 Nov 2018 18:49

Tgt Ion: 91 Resp: 21645
Ion Ratio Lower Upper
91 100
92 65.4 26.8 80.4
134 0.0 13.3 39.8#

