

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007025.D
 Acq On : 22 Nov 2018 04:09
 Operator : VAY/AP
 Sample : J5763-03RE
 Misc : 6.95G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Nov 22 06:12:18 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	21518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	34993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	25366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	9863	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	12304	58.41	ug/l	0.00
Spiked Amount			Recovery	=	116.82%	
35) Dibromofluoromethane	7.89	113	10219	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
50) Toluene-d8	10.33	98	28728	32.92	ug/l	0.00
Spiked Amount			Recovery	=	65.84%	
62) 4-Bromofluorobenzene	12.62	95	13079	38.09	ug/l	0.00
Spiked Amount			Recovery	=	76.18%	

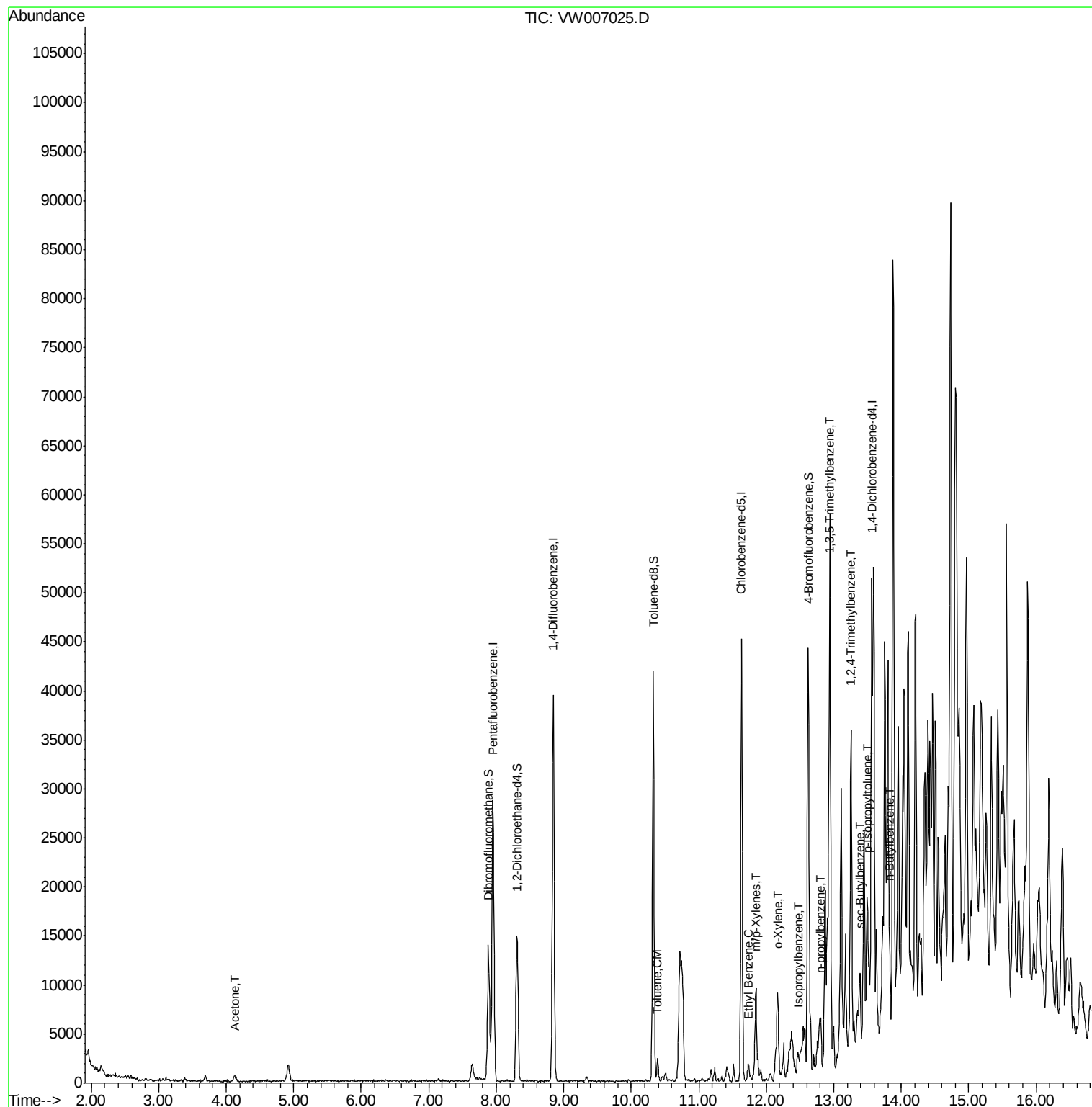
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	1198	39.168	ug/l	96
52) Toluene	10.39	92	1131	1.800	ug/l	98
67) Ethyl Benzene	11.73	91	1459	1.500	ug/l #	85
68) m/p-Xylenes	11.84	106	888	2.327	ug/l	92
69) o-Xylene	12.17	106	2230	6.198	ug/l	100
73) Isopropylbenzene	12.47	105	1235	1.611	ug/l	89
78) n-propylbenzene	12.81	91	4196	4.519	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	12508	18.870	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	17702	26.804	ug/l	98
85) sec-Butylbenzene	13.39	105	4653	5.739	ug/l	90
86) p-Isopropyltoluene	13.50	119	4532	6.336	ug/l	95
89) n-Butylbenzene	13.83	91	3857	5.730	ug/l #	65

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

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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: VW007025.D

Acq: 22 Nov 2018 04:09

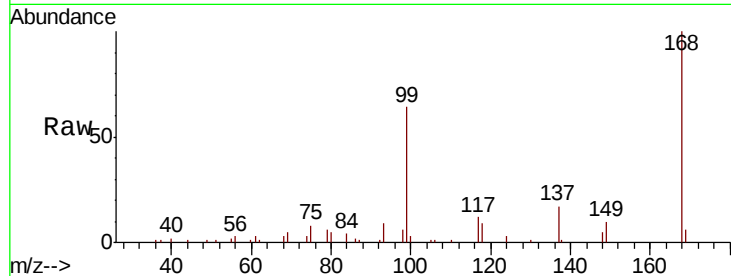
Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-BRE

Tot Ion:168 Resp: 21518

Ion Ratio Lower Upper

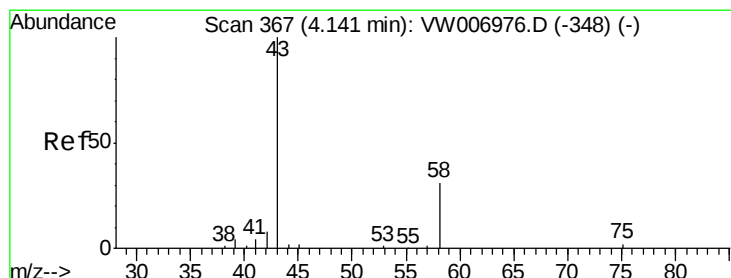
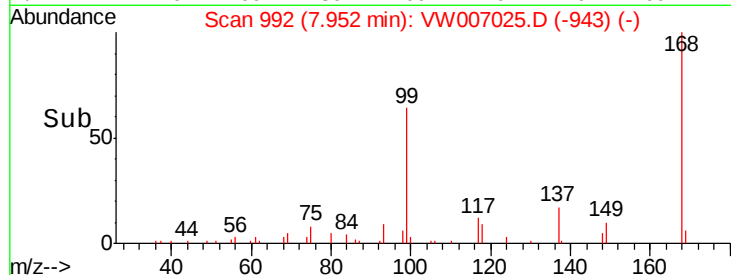
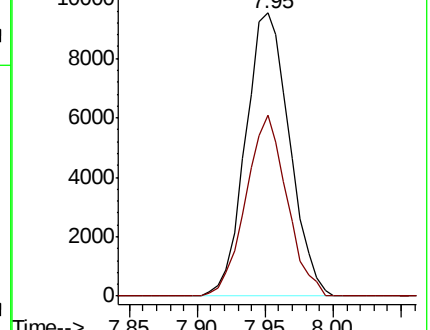
168 100

99 63.8 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: 39.168 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW007025.D

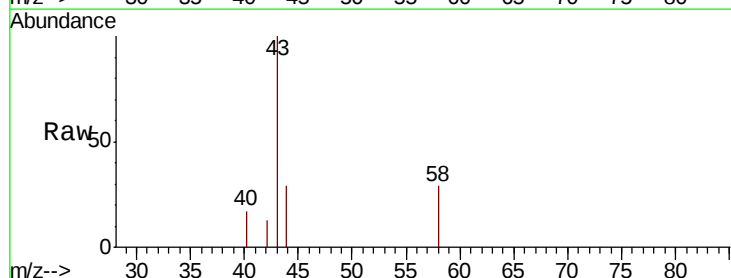
Acq: 22 Nov 2018 04:09

Tgt Ion: 43 Resp: 1198

Ion Ratio Lower Upper

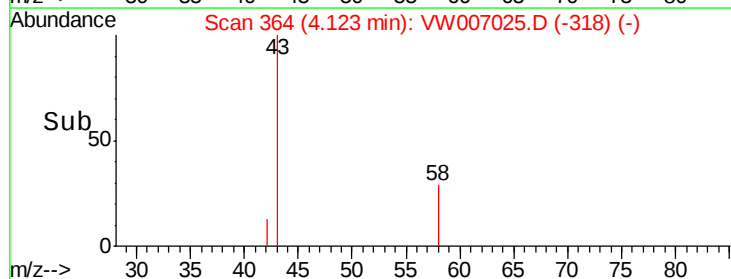
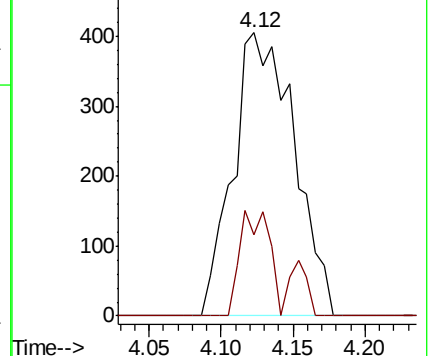
43 100

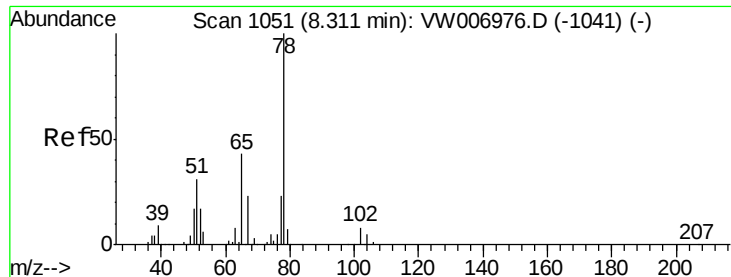
58 28.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

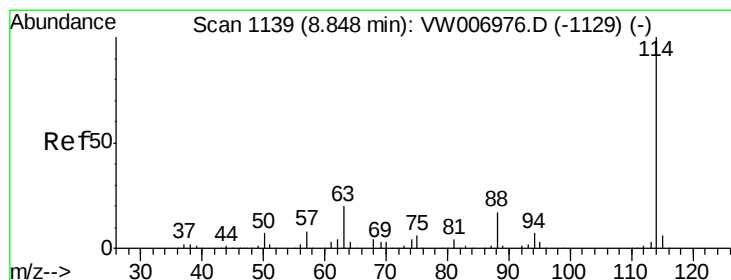
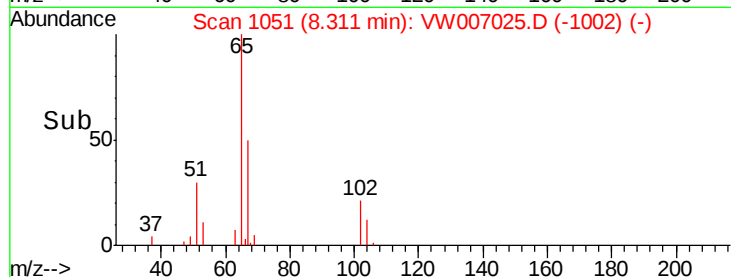
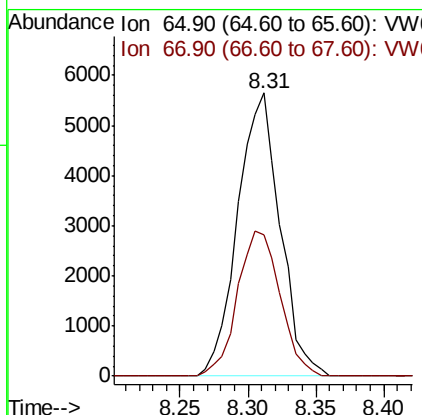
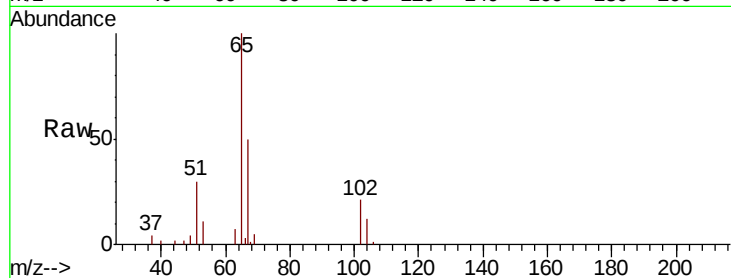




#33
 1,2-Dichloroethane-d4
 Concen: 58.405 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007025.D
 Acq: 22 Nov 2018 04:09

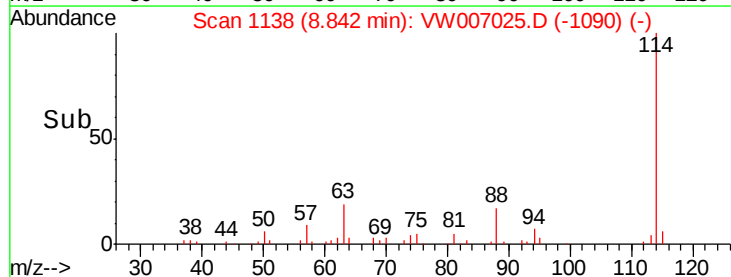
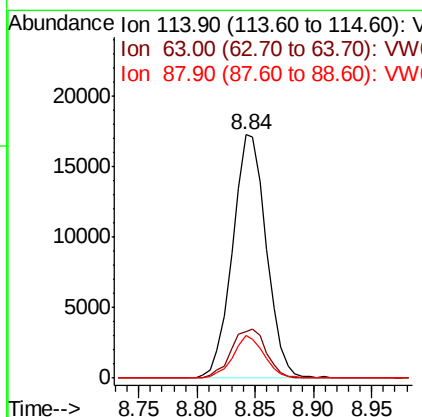
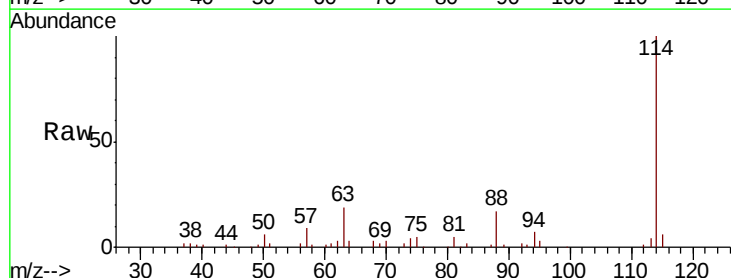
Instrument :
 MSVOA_W
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 HR-06-111918-BRE

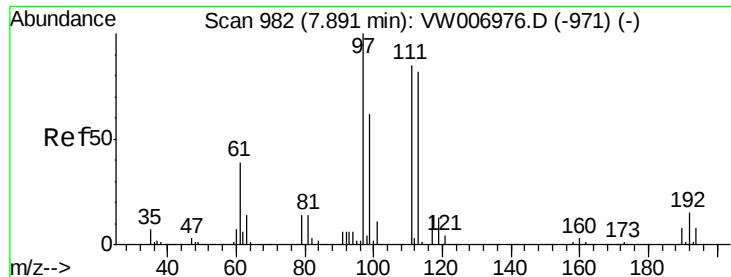
Tot Ion: 65 Resp: 12304
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007025.D
 Acq: 22 Nov 2018 04:09

Tgt Ion: 114 Resp: 34993
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.4
 88 17.4 0.0 34.2

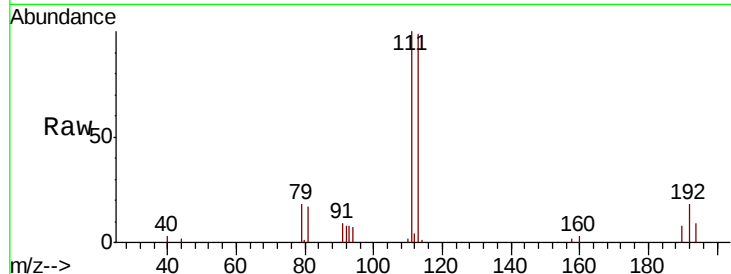




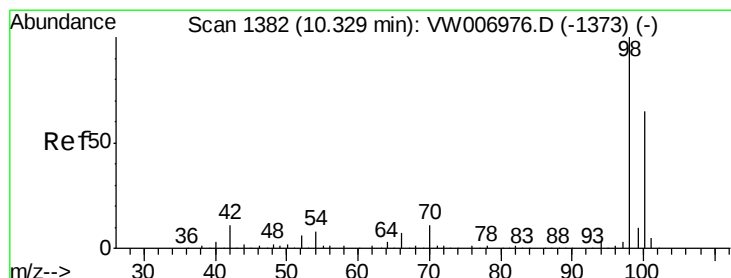
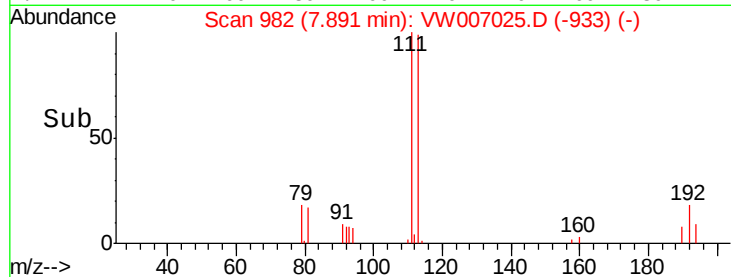
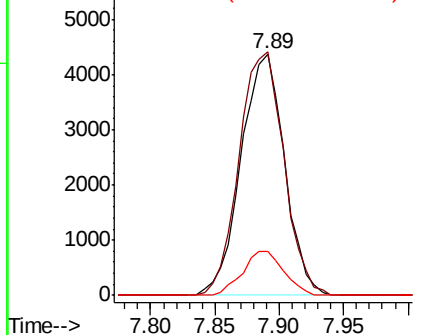
#35
 Dibromofluoromethane
 Concen: 51.712 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007025.D
 Acq: 22 Nov 2018 04:09

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.0	121.6
192	17.3	15.0	22.6

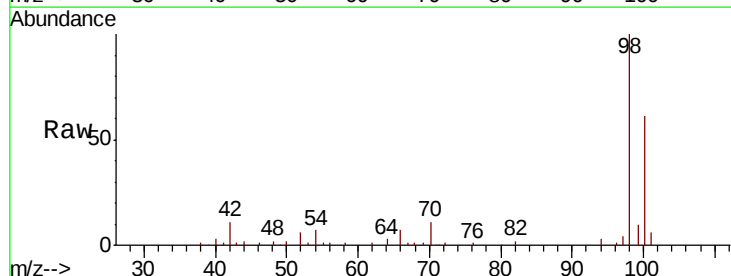


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

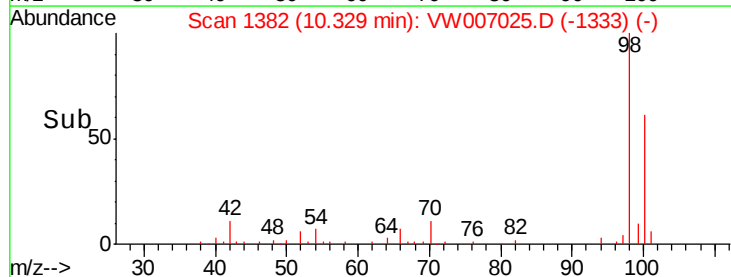
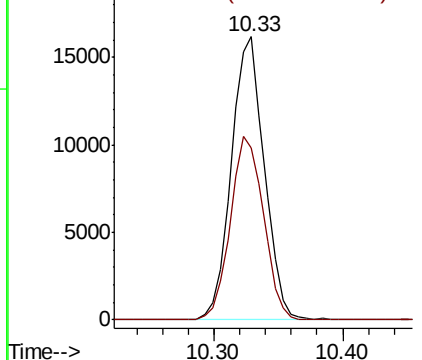


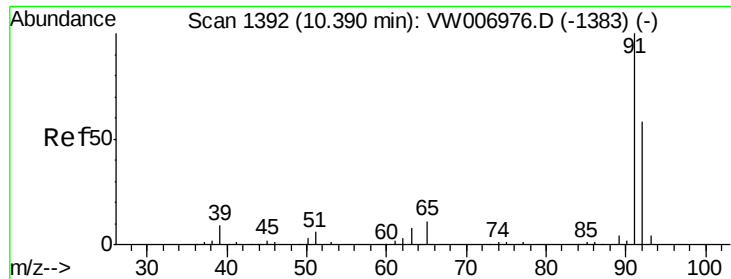
#50
 Toluene-d8
 Concen: 32.921 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW007025.D
 Acq: 22 Nov 2018 04:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	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: 1.800 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007025.D

Acq: 22 Nov 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

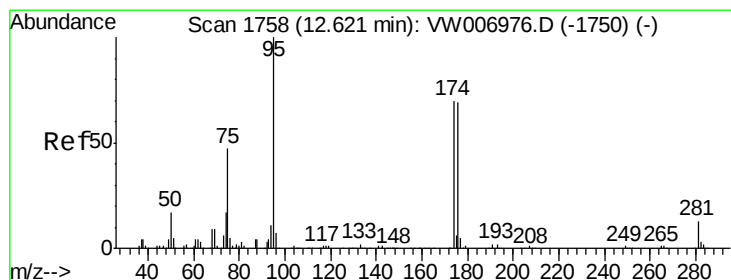
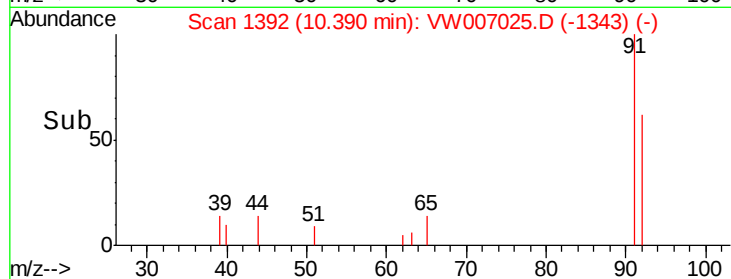
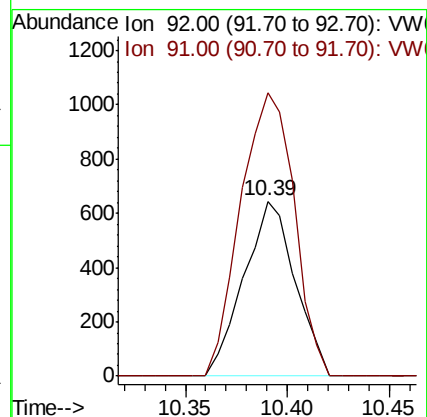
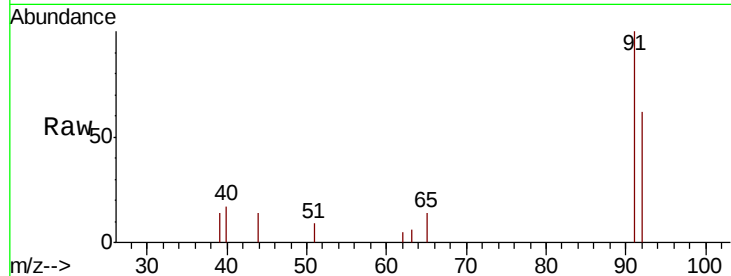
HR-06-111918-BRE

Tot Ion: 92 Resp: 1131

Ion Ratio Lower Upper

92 100

91 168.6 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 38.087 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007025.D

Acq: 22 Nov 2018 04:09

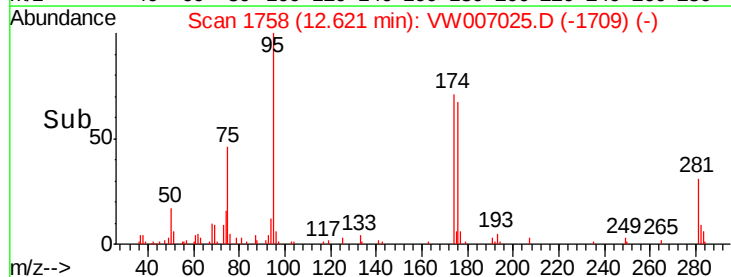
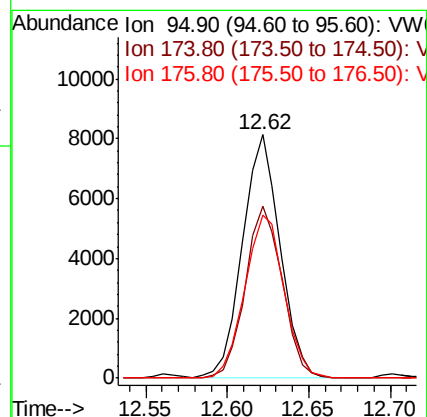
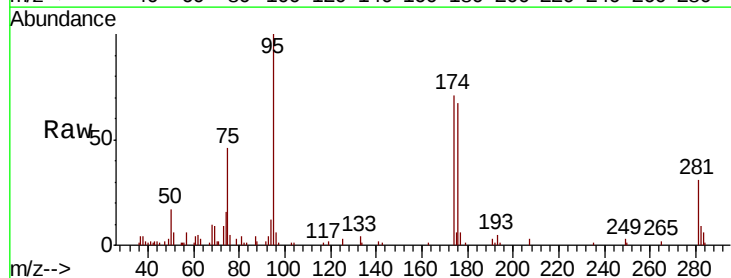
Tgt Ion: 95 Resp: 13079

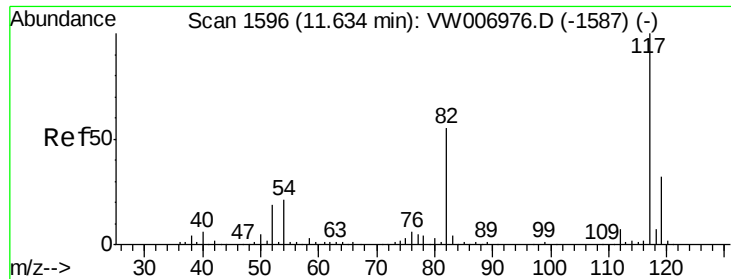
Ion Ratio Lower Upper

95 100

174 69.1 0.0 143.6

176 69.6 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: VW007025.D

Acq: 22 Nov 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

HR-06-111918-BRE

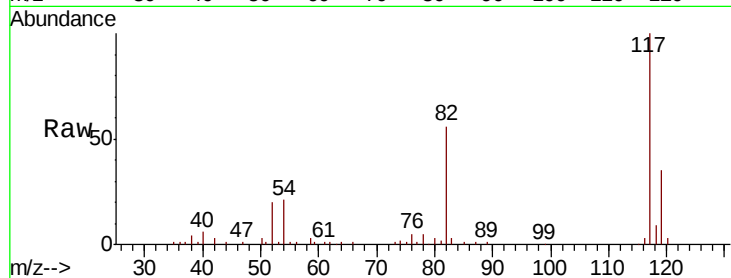
Tot Ion:117 Resp: 25366

Ion Ratio Lower Upper

117 100

82 55.8 44.2 66.2

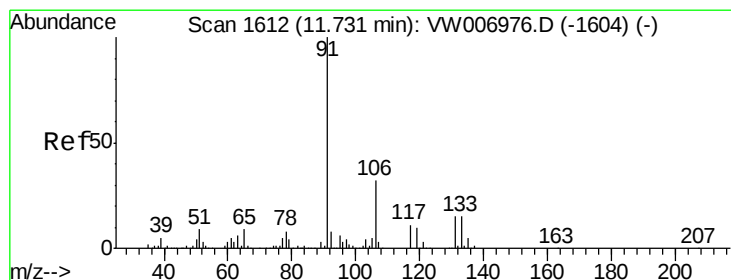
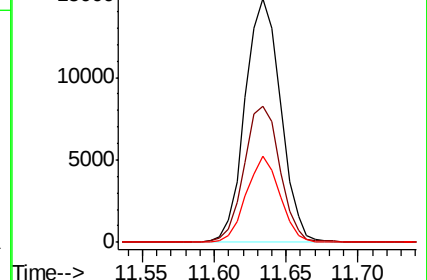
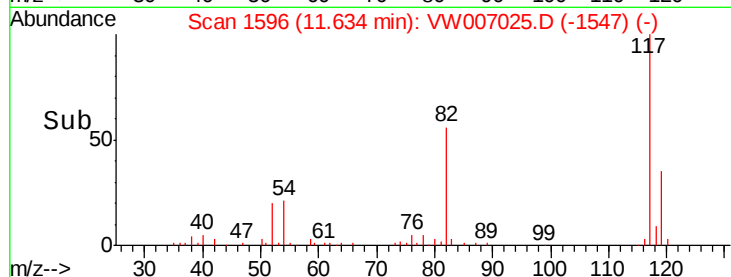
119 35.2 25.9 38.9



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: 1.500 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007025.D

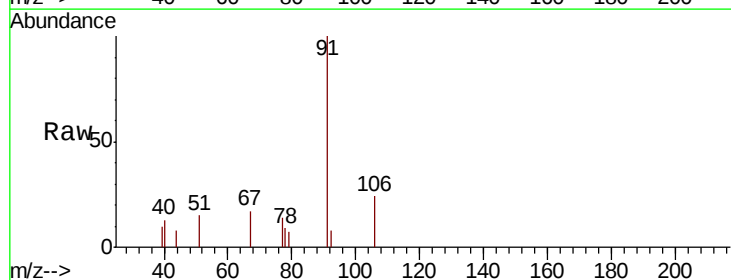
Acq: 22 Nov 2018 04:09

Tgt Ion: 91 Resp: 1459

Ion Ratio Lower Upper

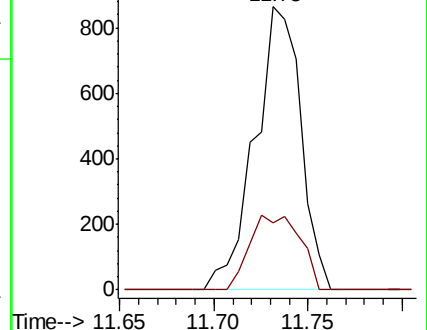
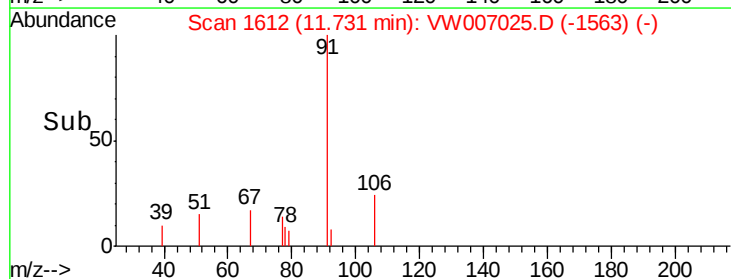
91 100

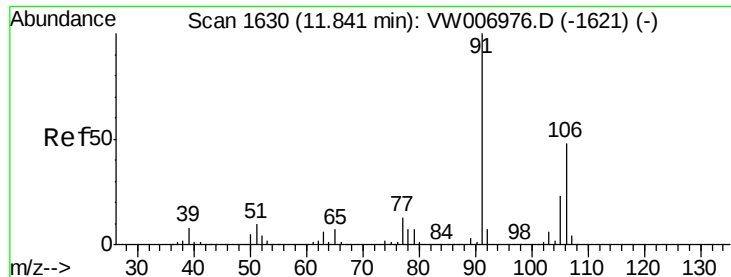
106 23.7 25.4 38.2#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

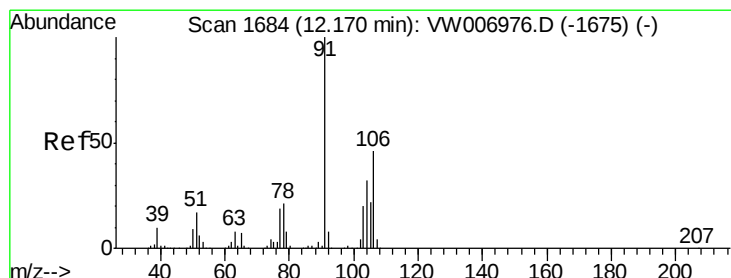
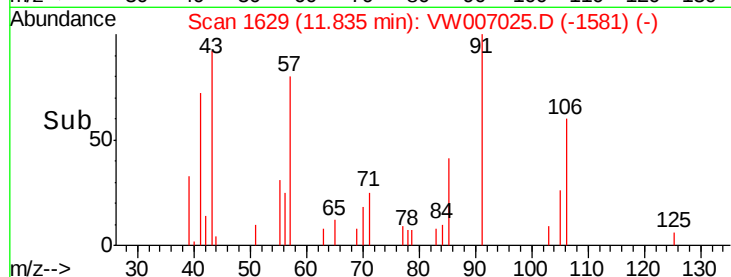
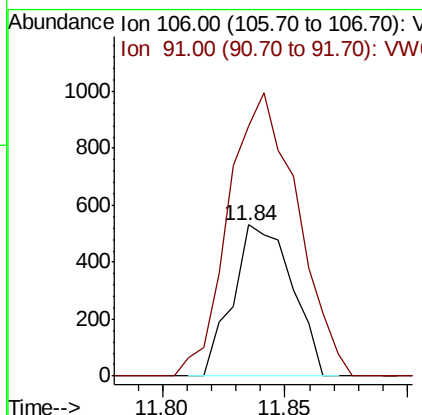
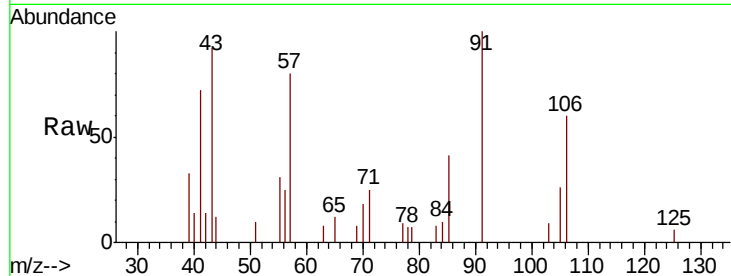




#68
m/p-Xylenes
Concen: 2.327 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007025.D
Acq: 22 Nov 2018 04:09

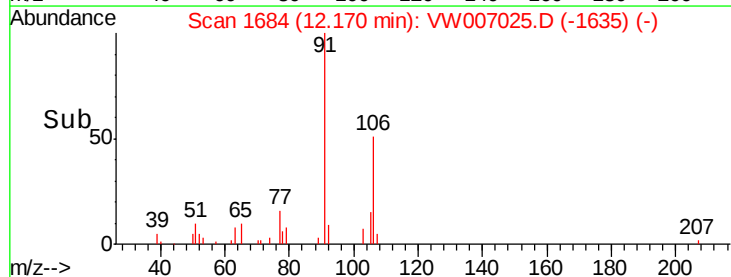
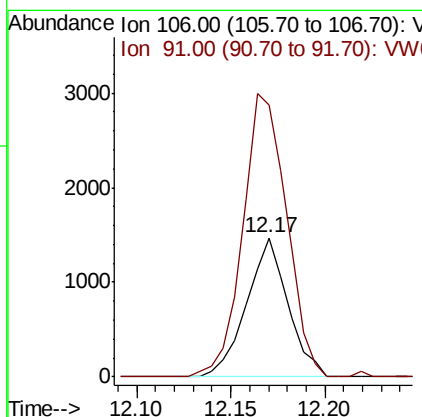
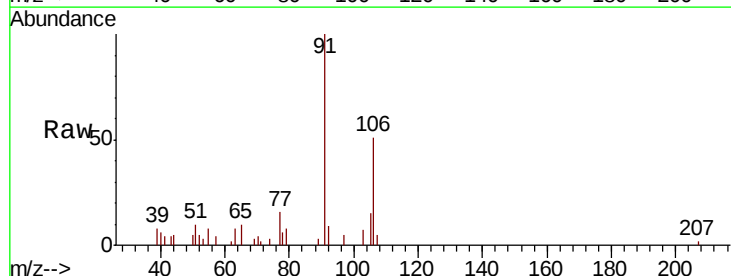
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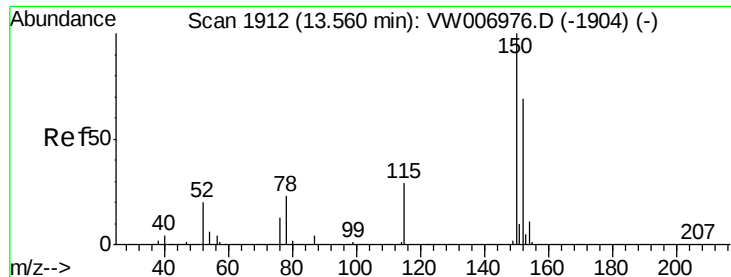
Tot Ion:106 Resp: 888
Ion Ratio Lower Upper
106 100
91 218.7 164.8 247.2



#69
o-Xylene
Concen: 6.198 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007025.D
Acq: 22 Nov 2018 04:09

Tgt Ion:106 Resp: 2230
Ion Ratio Lower Upper
106 100
91 216.4 107.9 323.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007025.D

Acq: 22 Nov 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

HR-06-111918-BRE

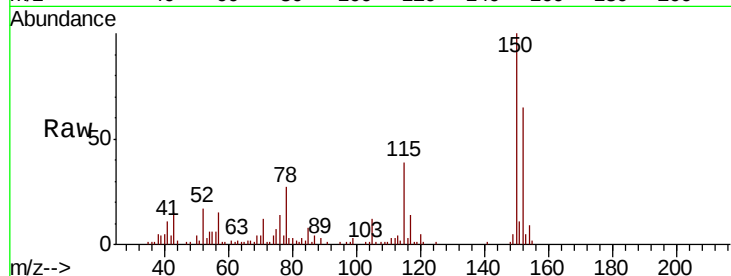
Tot Ion:152 Resp: 9863

Ion Ratio Lower Upper

152 100

115 74.9 31.4 94.2

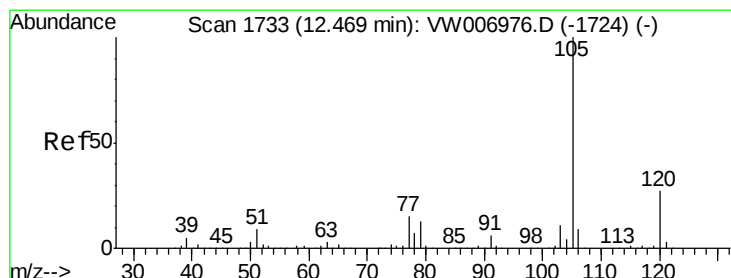
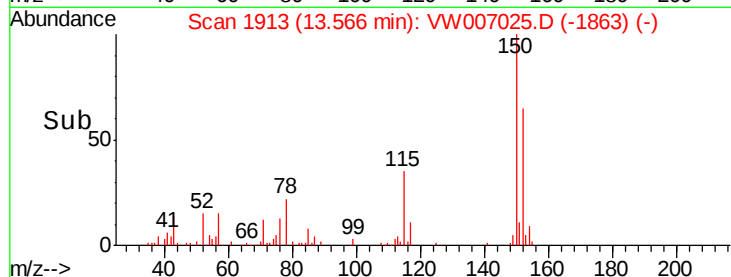
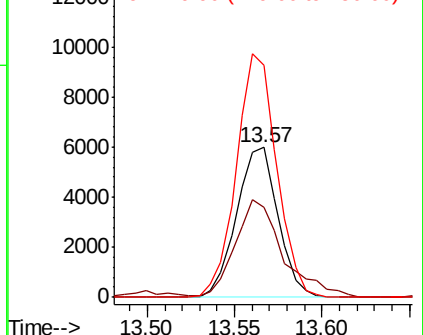
150 157.6 0.0 353.4



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: 1.611 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007025.D

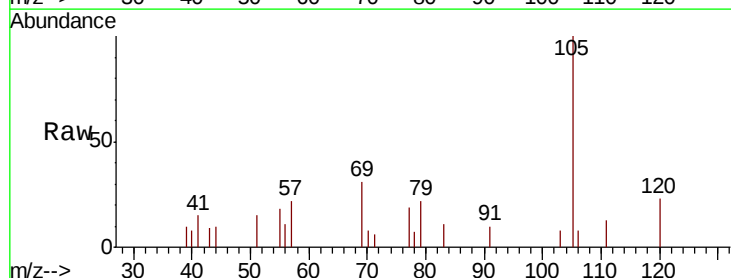
Acq: 22 Nov 2018 04:09

Tgt Ion:105 Resp: 1235

Ion Ratio Lower Upper

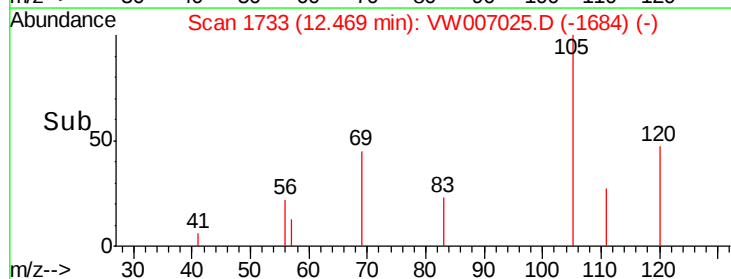
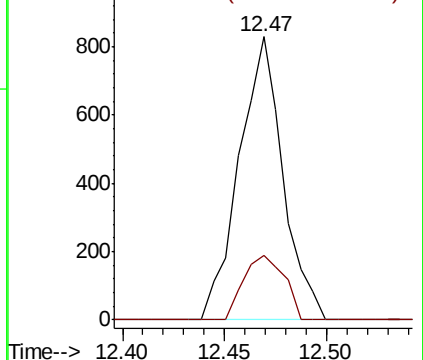
105 100

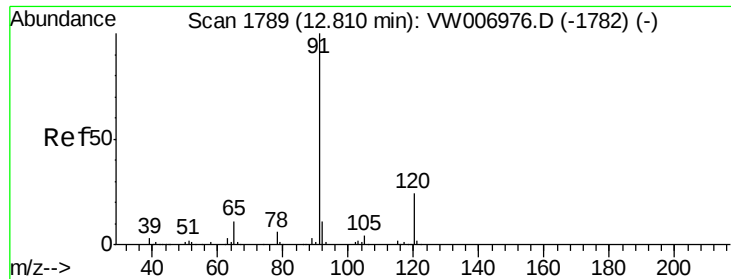
120 21.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 4.519 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007025.D

Acq: 22 Nov 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

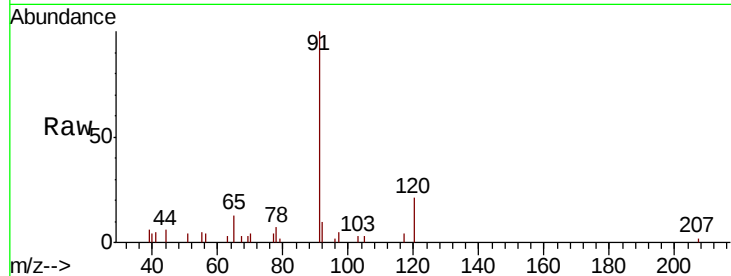
HR-06-111918-BRE

Tot Ion: 91 Resp: 4196

Ion Ratio Lower Upper

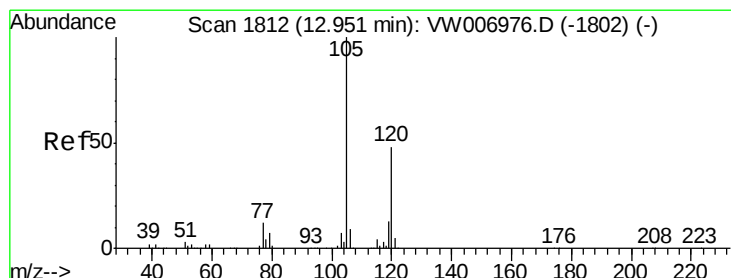
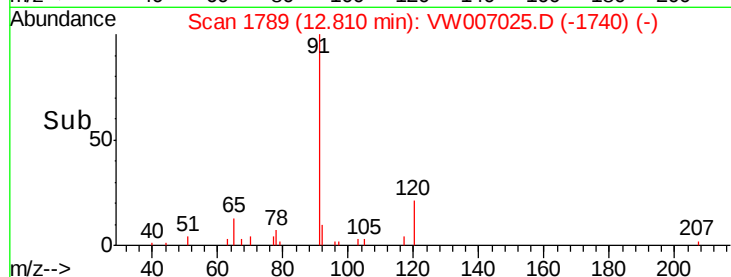
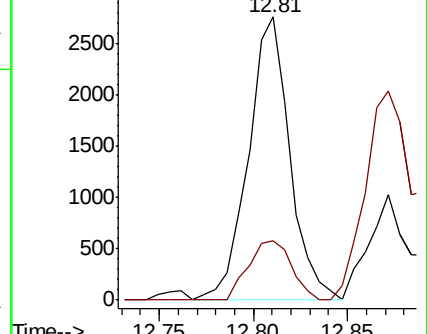
91 100

120 21.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 18.870 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW007025.D

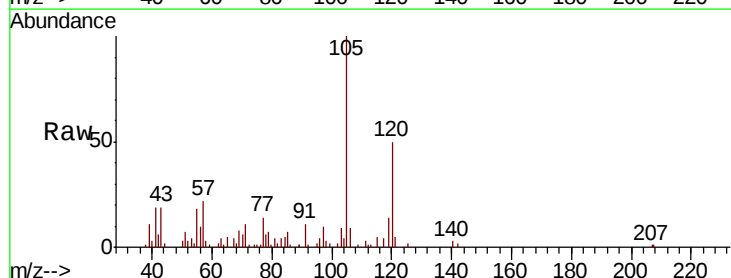
Acq: 22 Nov 2018 04:09

Tgt Ion:105 Resp: 12508

Ion Ratio Lower Upper

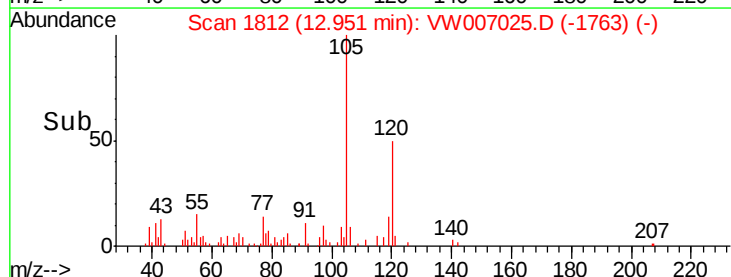
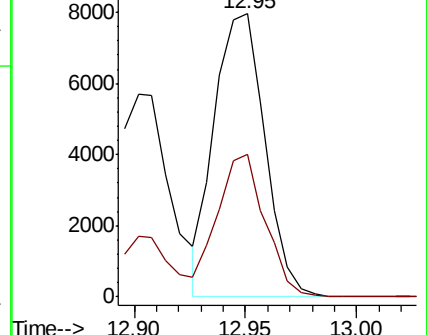
105 100

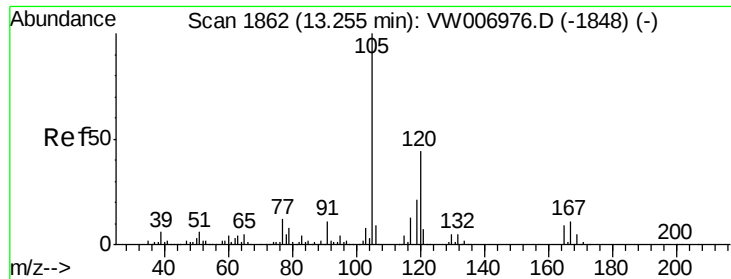
120 47.9 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

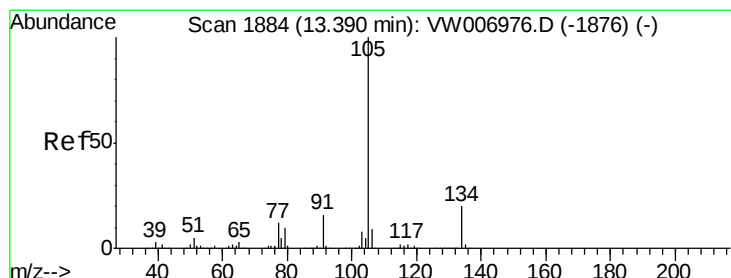
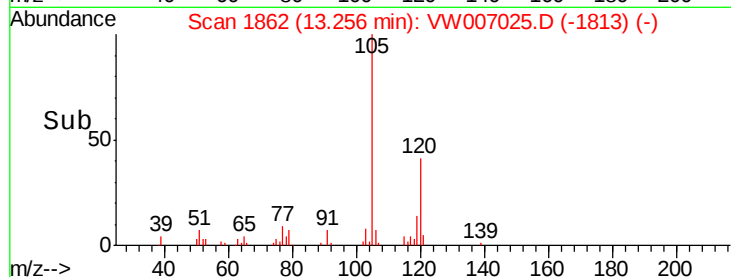
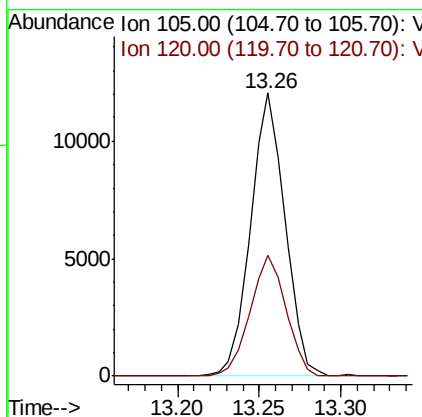
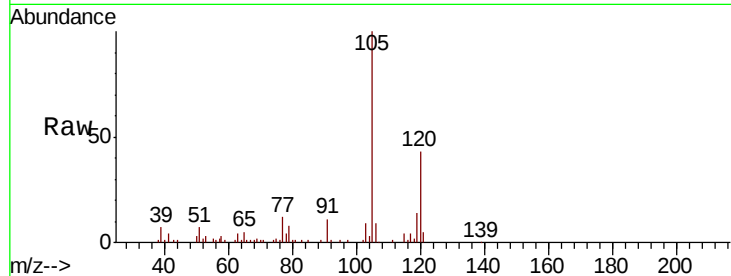




#84
1,2,4-Trimethylbenzene
Concen: 26.804 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007025.D
Acq: 22 Nov 2018 04:09

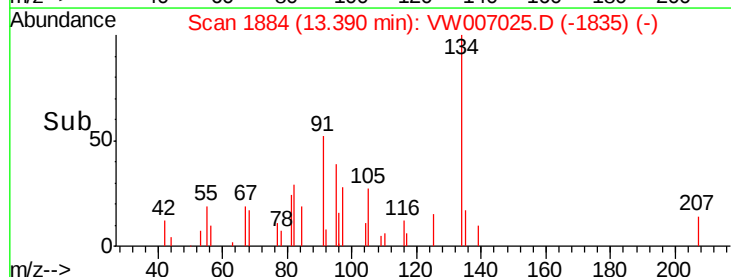
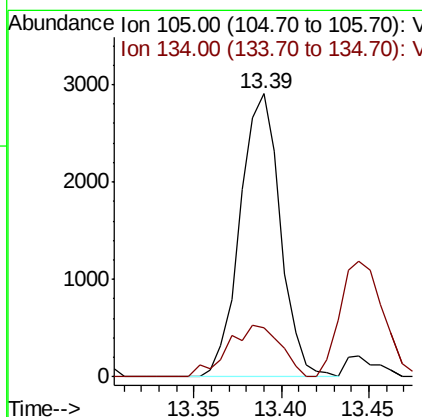
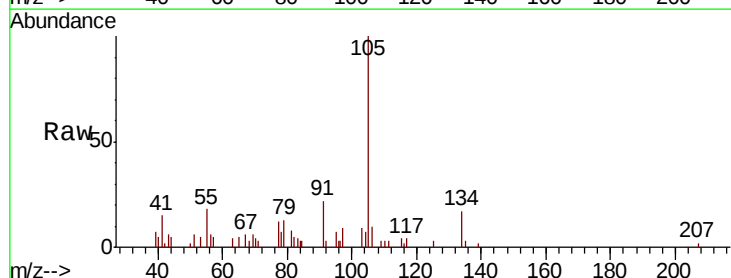
Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-BRE

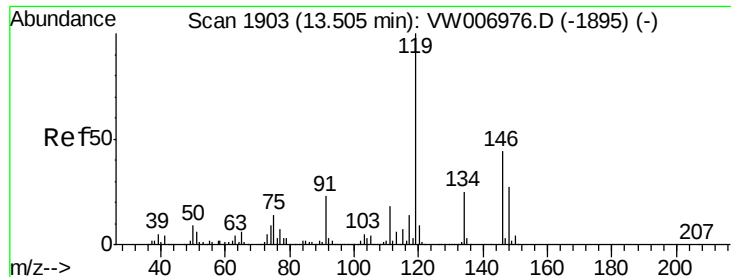
Tot Ion:105 Resp: 17702
Ion Ratio Lower Upper
105 100
120 44.5 21.8 65.3



#85
sec-Butylbenzene
Concen: 5.739 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW007025.D
Acq: 22 Nov 2018 04:09

Tgt Ion:105 Resp: 4653
Ion Ratio Lower Upper
105 100
134 23.8 9.8 29.3

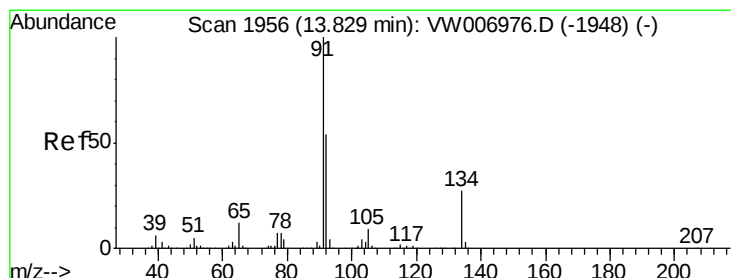
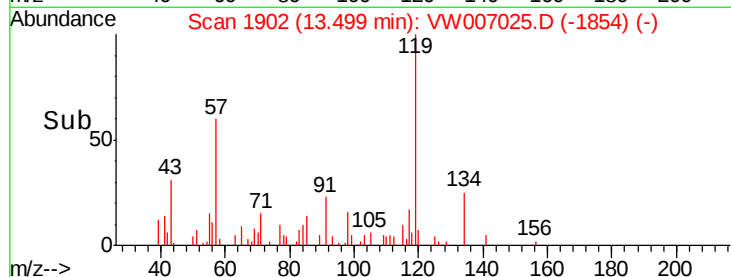
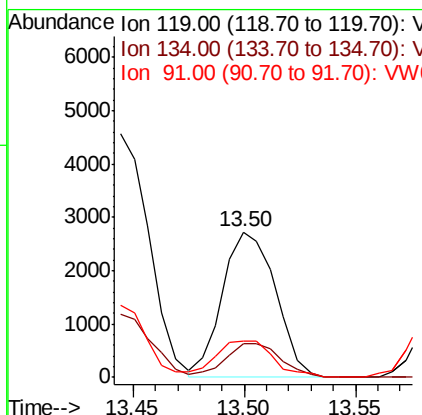
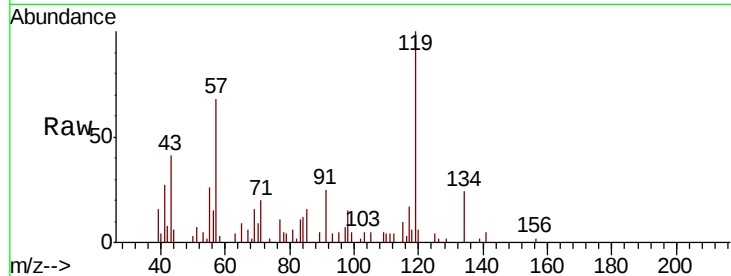




#86
 p-Isopropyltoluene
 Concen: 6.336 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007025.D
 Acq: 22 Nov 2018 04:09

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

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.0	12.8	38.3
91	28.1	12.2	36.6



#89
 n-Butylbenzene
 Concen: 5.730 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW007025.D
 Acq: 22 Nov 2018 04:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	72.4	26.8	80.4
134	0.0	13.3	39.8

