

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010319\
 Data File : VW008019.D
 Acq On : 03 Jan 2019 14:30
 Operator : SY/AP
 Sample : K1016-01
 Misc : 8.58G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-010219

Quant Time: Jan 04 06:57:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	18020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	29763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	20600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	6410	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	11993	60.17	ug/l	0.00
Spiked Amount			Recovery	=	120.34%	
35) Dibromofluoromethane	7.88	113	9965	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	
50) Toluene-d8	10.32	98	32419	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	
62) 4-Bromofluorobenzene	12.62	95	8318	30.82	ug/l	0.00
Spiked Amount			Recovery	=	61.64%	

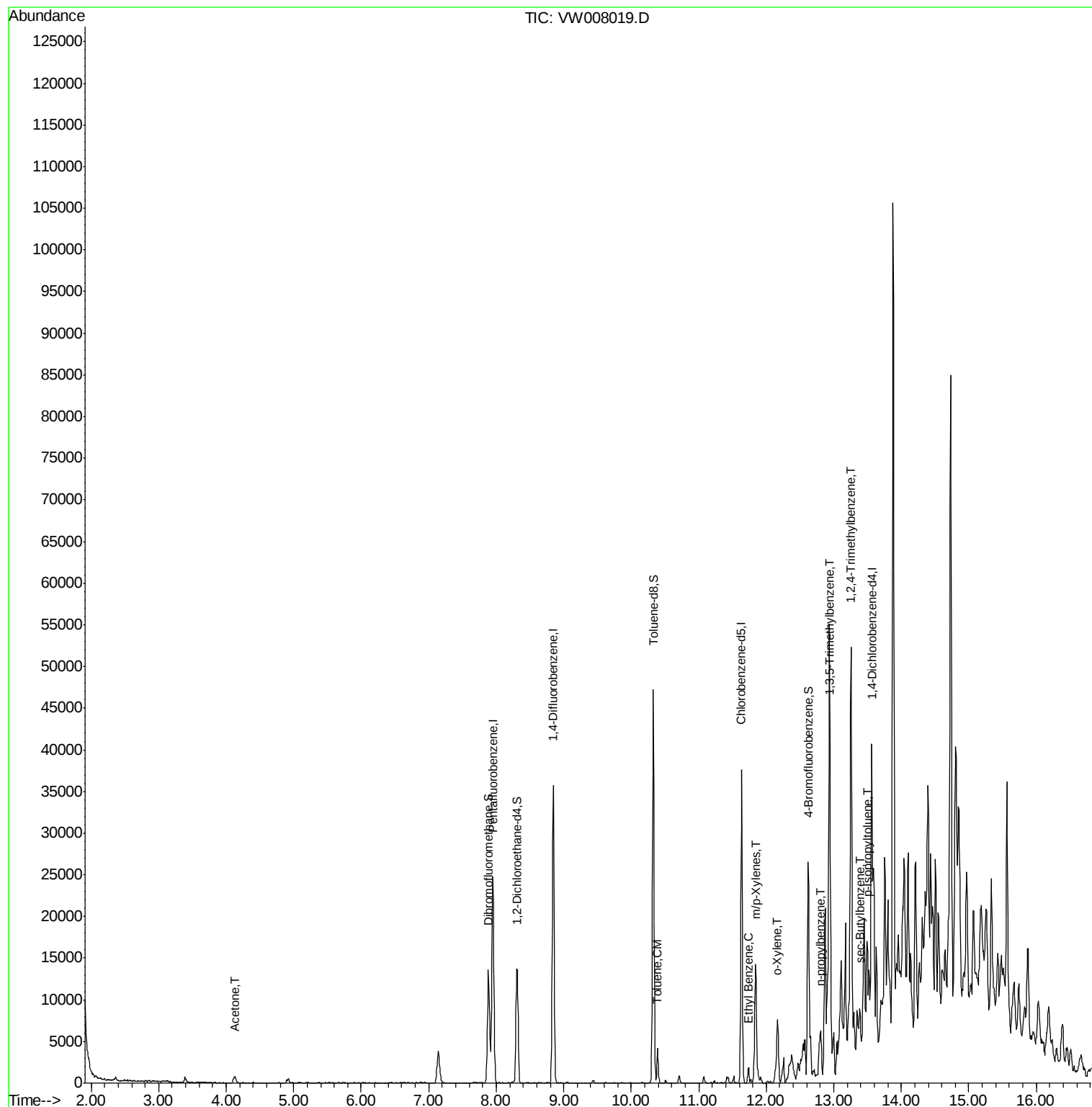
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	1653	53.577	ug/l	99
52) Toluene	10.38	92	1804	3.528	ug/l	97
67) Ethyl Benzene	11.73	91	1401	1.793	ug/l	95
68) m/p-Xylenes	11.83	106	2671	8.841	ug/l	95
69) o-Xylene	12.16	106	1983	7.054	ug/l	89
78) n-propylbenzene	12.81	91	4193	7.095	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	6046	13.780	ug/l	87
84) 1,2,4-Trimethylbenzene	13.26	105	26758	60.212	ug/l	98
85) sec-Butylbenzene	13.38	105	2270	4.299	ug/l	84
86) p-Isopropyltoluene	13.50	119	1948	4.090	ug/l	87

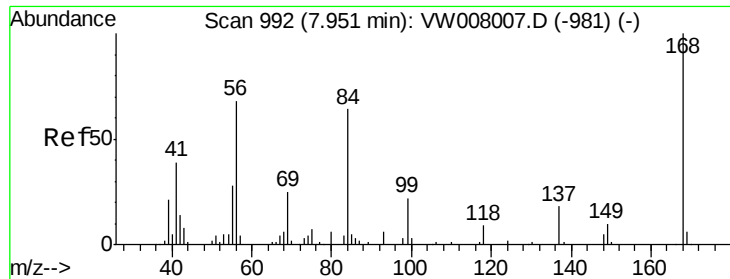
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010319\
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Quant Title : SW846 8260
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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: VW008019.D

Acq: 03 Jan 2019 14:30

Instrument :

MSVOA_W

ClientSampleId :

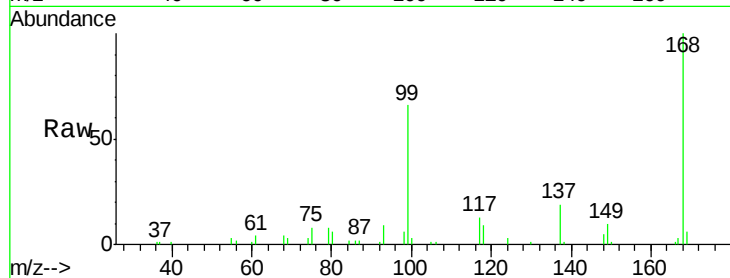
TR-04-010219

Tot Ion:168 Resp: 18020

Ion Ratio Lower Upper

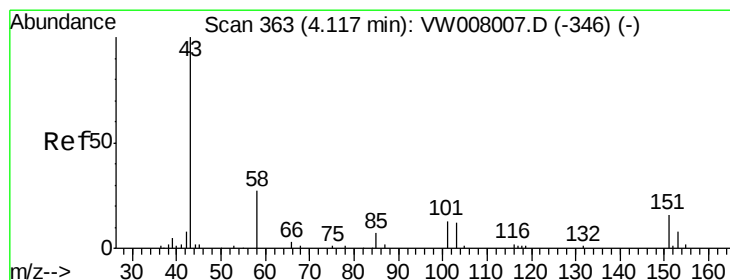
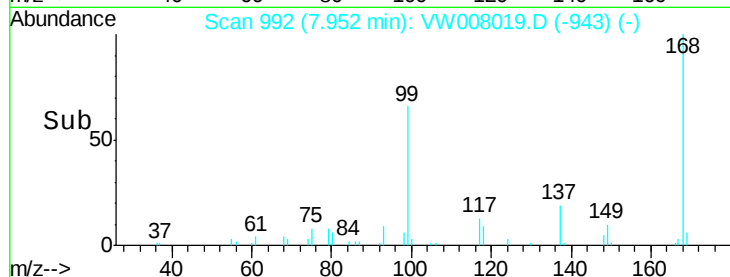
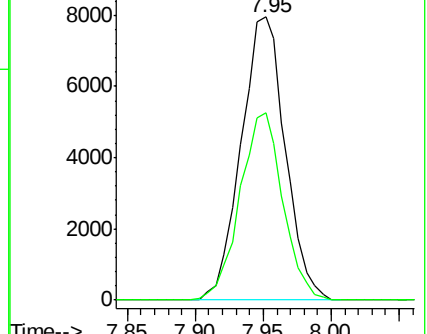
168 100

99 66.3 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 53.577 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008019.D

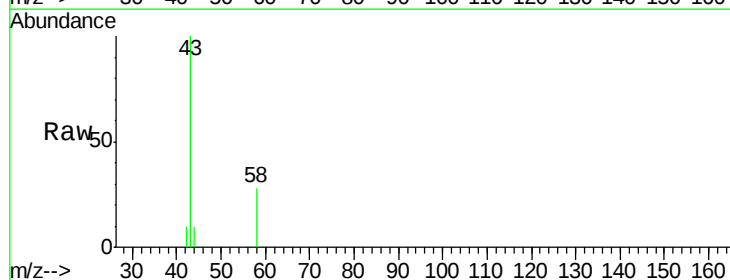
Acq: 03 Jan 2019 14:30

Tgt Ion: 43 Resp: 1653

Ion Ratio Lower Upper

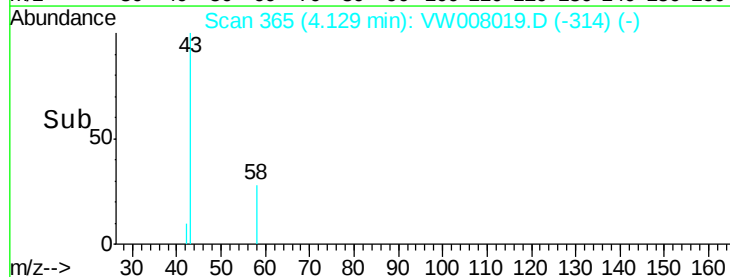
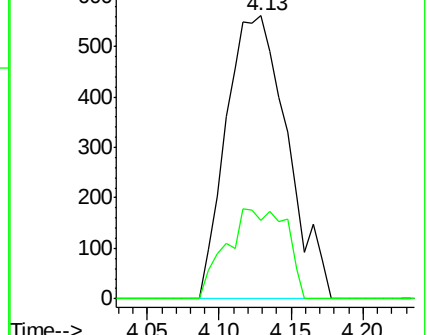
43 100

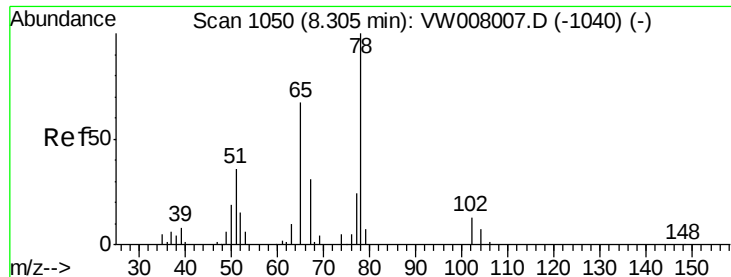
58 27.6 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

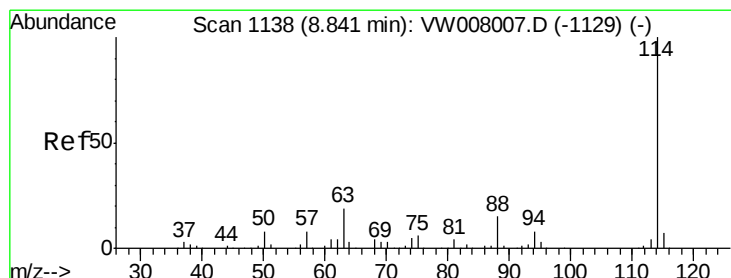
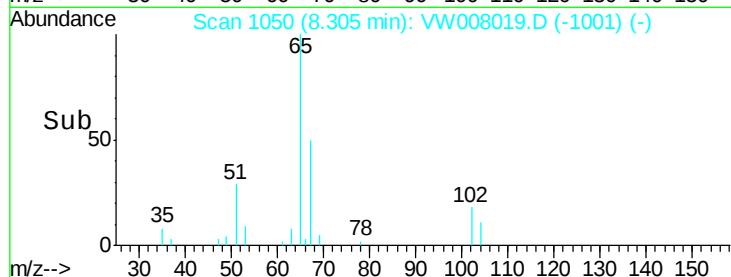
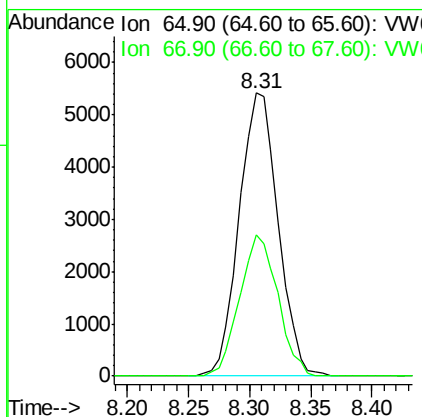
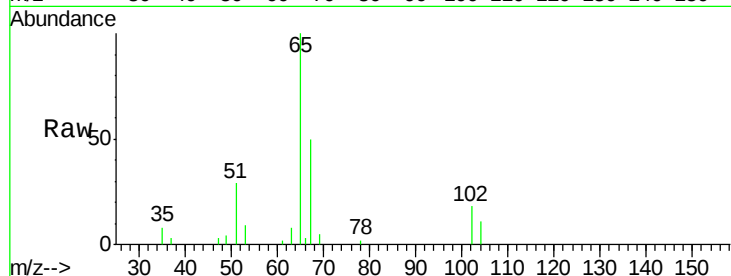




#33
 1,2-Dichloroethane-d4
 Concen: 60.172 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008019.D
 Acq: 03 Jan 2019 14:30

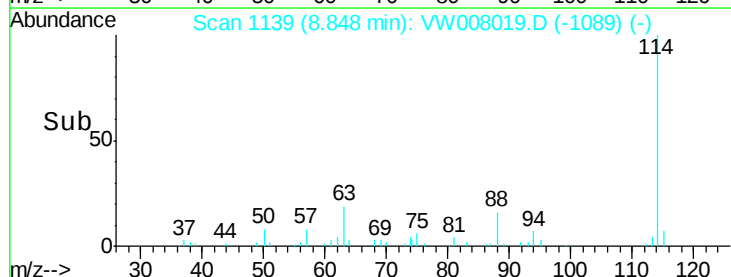
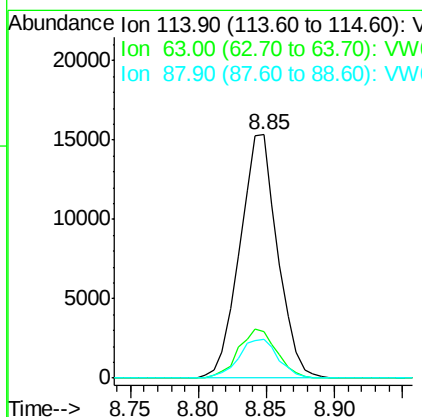
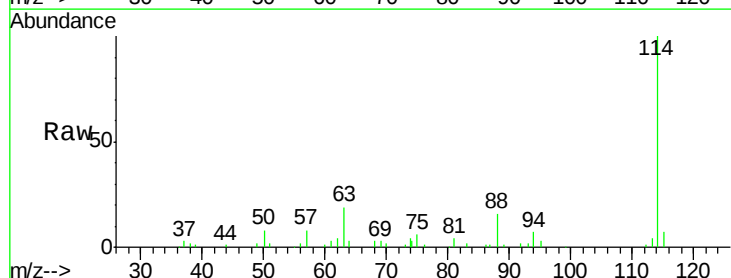
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-010219

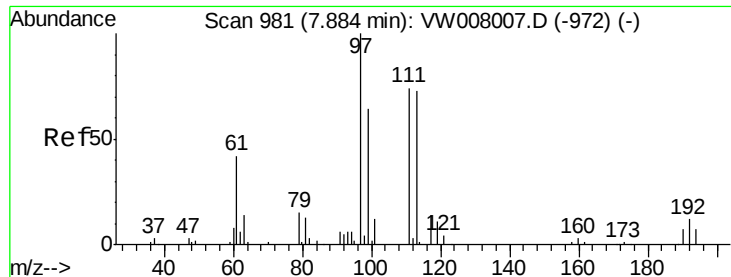
Tot Ion: 65 Resp: 11993
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 94.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW008019.D
 Acq: 03 Jan 2019 14:30

Tgt Ion: 114 Resp: 29763
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 16.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 53.111 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008019.D

Acq: 03 Jan 2019 14:30

Instrument :

MSVOA_W

ClientSampleId :

TR-04-010219

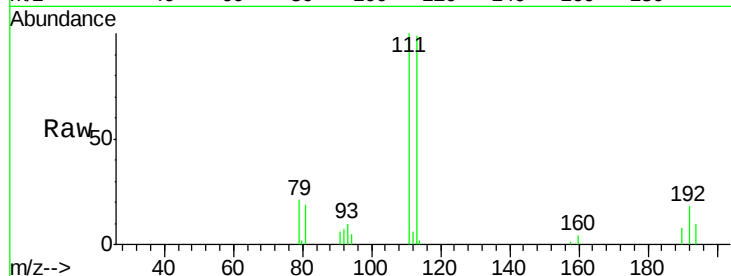
Tot Ion:113 Resp: 9965

Ion Ratio Lower Upper

113 100

111 105.1 81.4 122.0

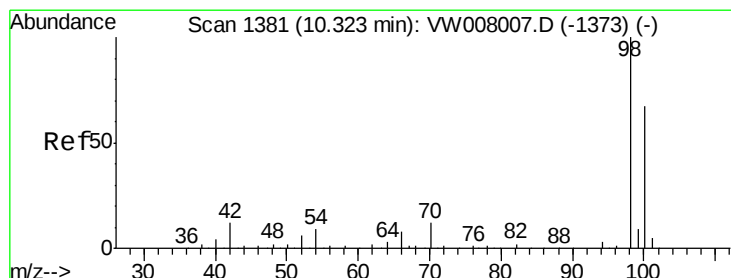
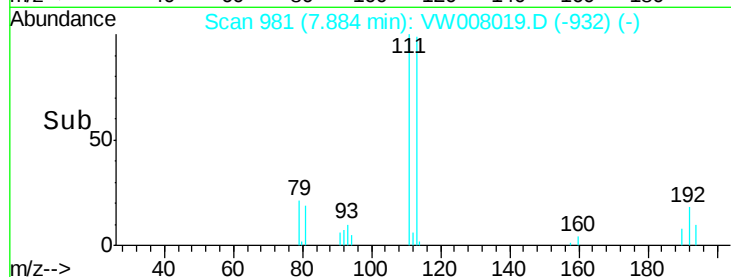
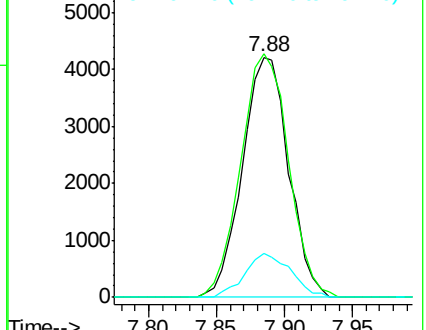
192 18.2 14.8 22.2



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: 46.061 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008019.D

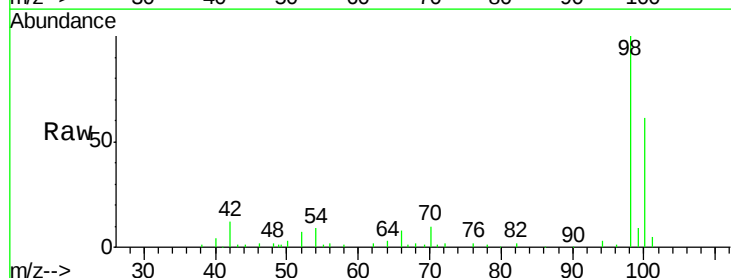
Acq: 03 Jan 2019 14:30

Tgt Ion: 98 Resp: 32419

Ion Ratio Lower Upper

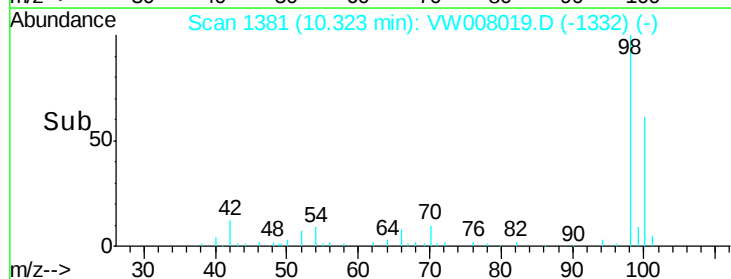
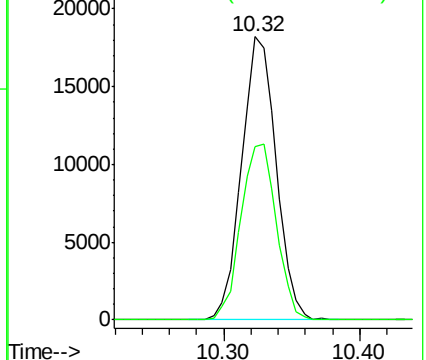
98 100

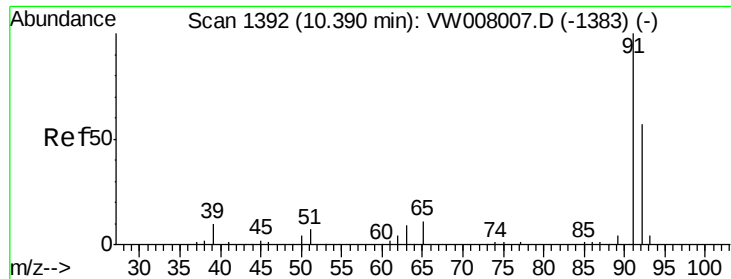
100 63.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 3.528 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008019.D

Acq: 03 Jan 2019 14:30

Instrument :

MSVOA_W

ClientSampleId :

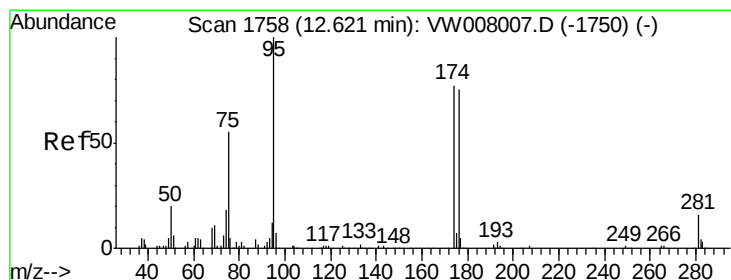
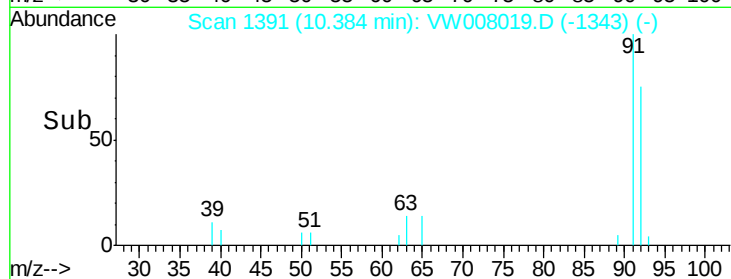
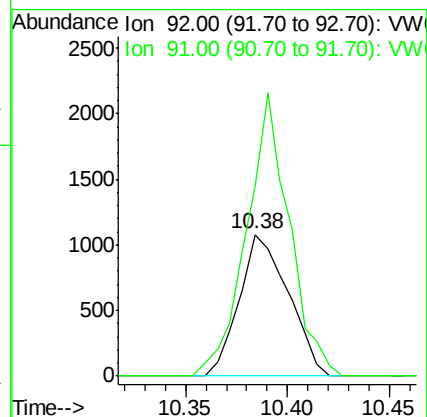
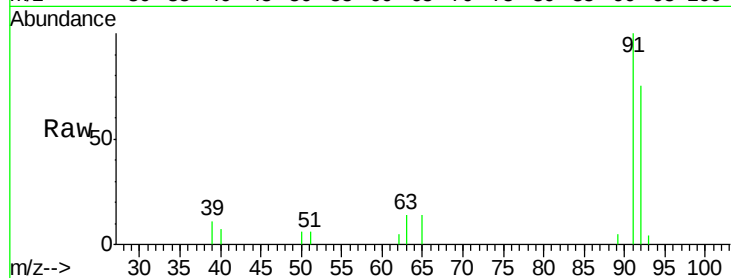
TR-04-010219

Tot Ion: 92 Resp: 1804

Ion Ratio Lower Upper

92 100

91 174.6 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 30.816 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008019.D

Acq: 03 Jan 2019 14:30

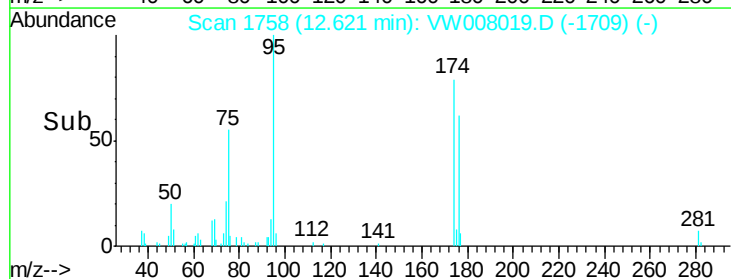
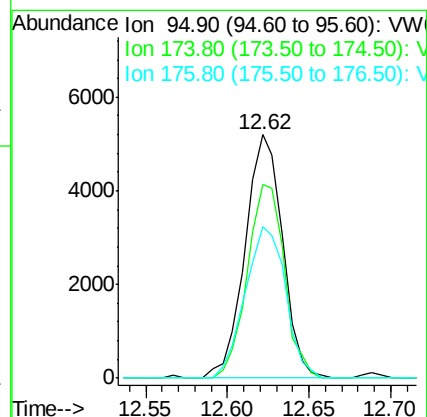
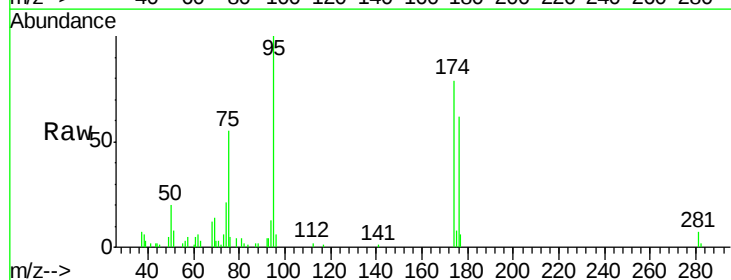
Tgt Ion: 95 Resp: 8318

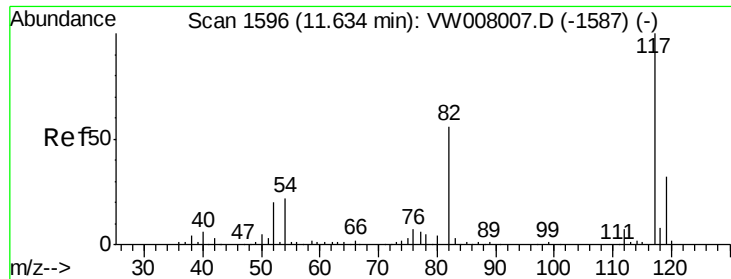
Ion Ratio Lower Upper

95 100

174 78.5 0.0 149.6

176 66.9 0.0 145.4

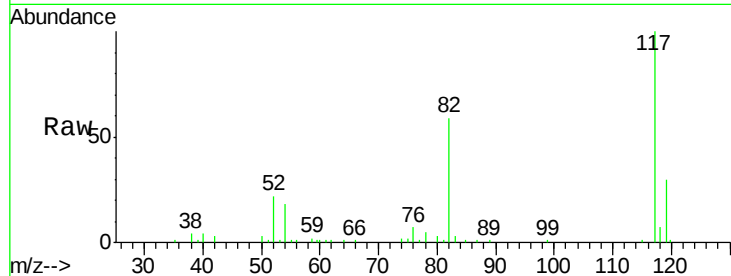




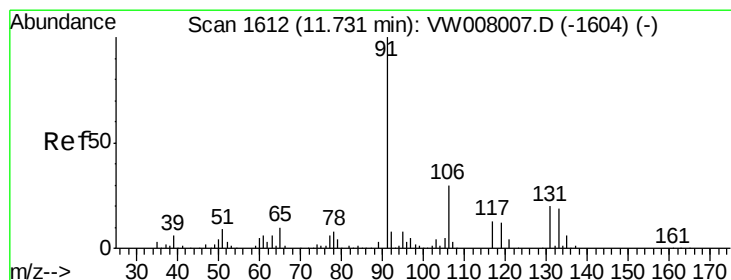
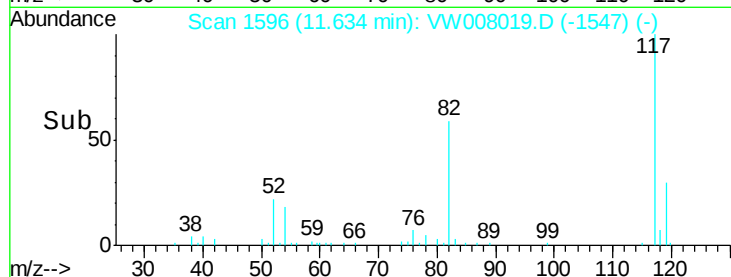
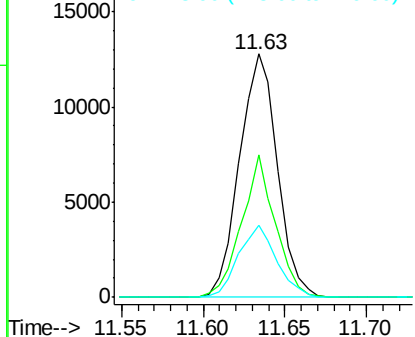
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008019.D
Acq: 03 Jan 2019 14:30

Instrument :
MSVOA_W
ClientSampleId :
TR-04-010219

Tot Ion:117 Resp: 20600
Ion Ratio Lower Upper
117 100
82 58.7 44.8 67.2
119 29.7 25.6 38.4

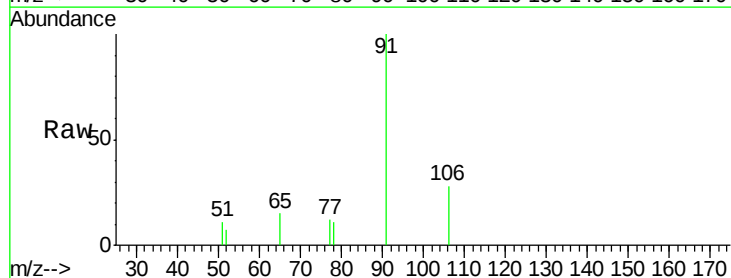


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

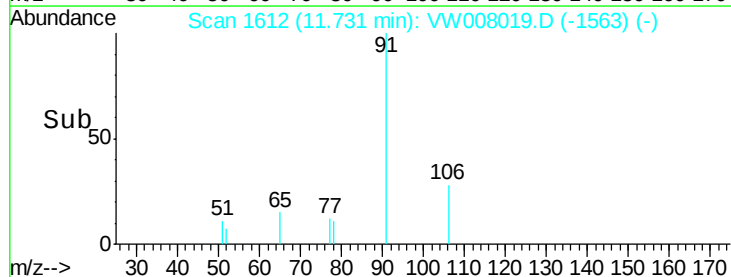
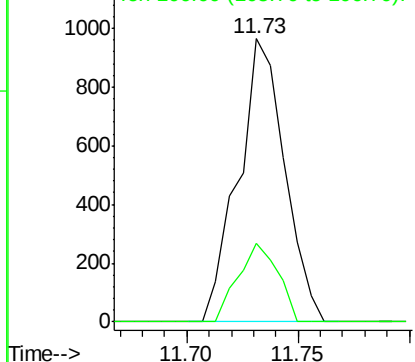


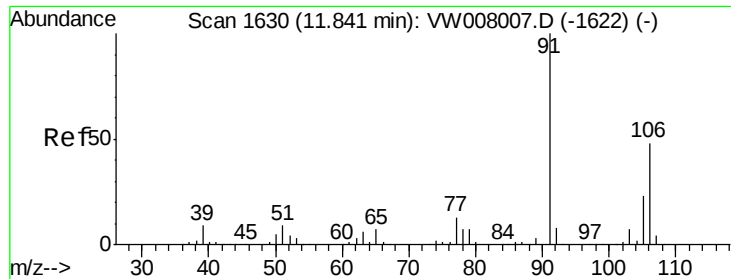
#67
Ethyl Benzene
Concen: 1.793 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008019.D
Acq: 03 Jan 2019 14:30

Tgt Ion: 91 Resp: 1401
Ion Ratio Lower Upper
91 100
106 27.6 24.3 36.5



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

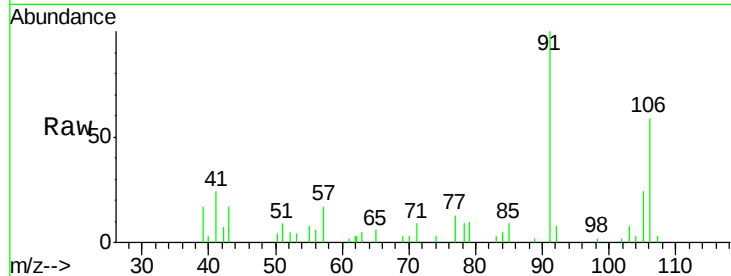




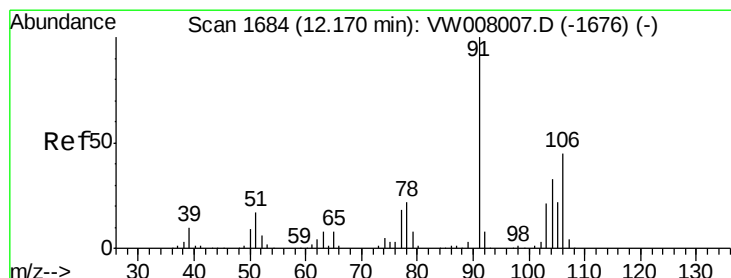
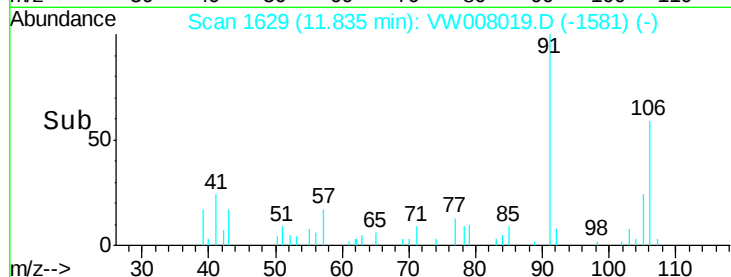
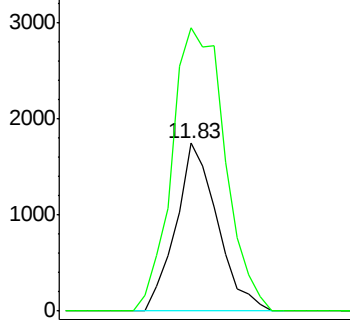
#68
m/p-Xylenes
Concen: 8.841 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008019.D
Acq: 03 Jan 2019 14:30

Instrument :
MSVOA_W
ClientSampleId :
TR-04-010219

Tot Ion:106 Resp: 2671
Ion Ratio Lower Upper
106 100
91 214.6 165.8 248.8

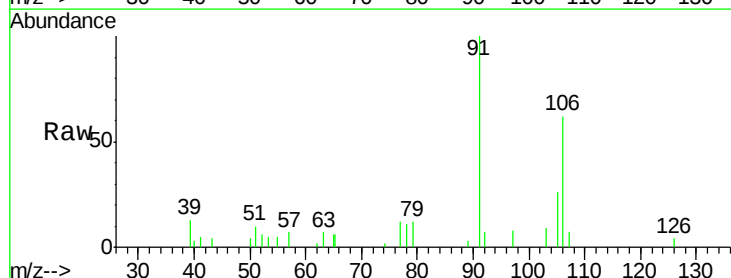


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

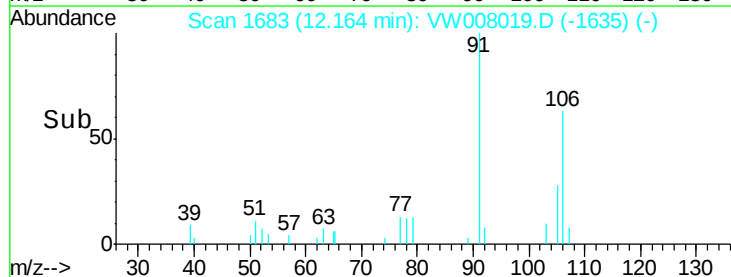
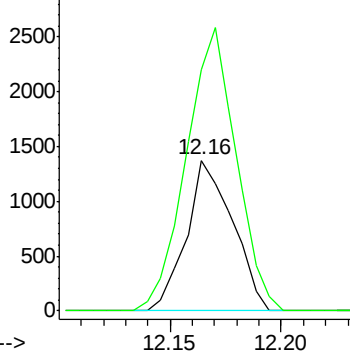


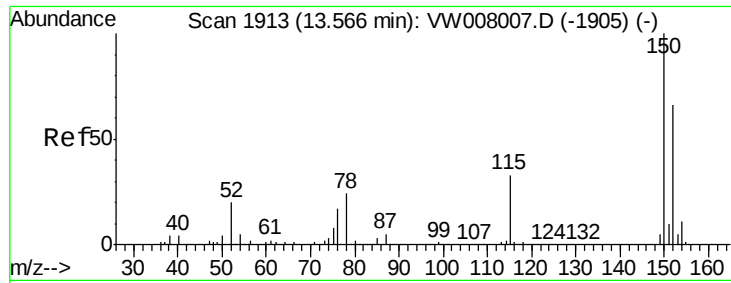
#69
o-Xylene
Concen: 7.054 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008019.D
Acq: 03 Jan 2019 14:30

Tgt Ion:106 Resp: 1983
Ion Ratio Lower Upper
106 100
91 202.6 110.6 331.6



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. -0.01 min

Lab File: VW008019.D

Acq: 03 Jan 2019 14:30

Instrument :

MSVOA_W

ClientSampleId :

TR-04-010219

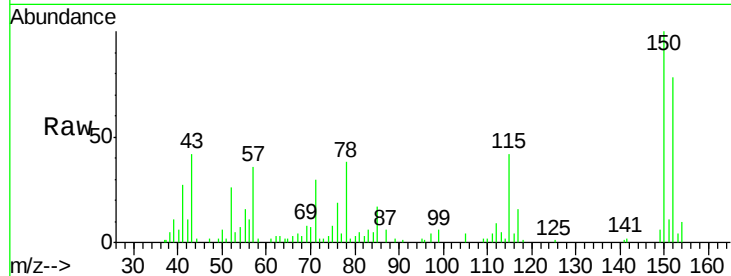
Tot Ion:152 Resp: 6410

Ion Ratio Lower Upper

152 100

115 72.4 32.1 96.5

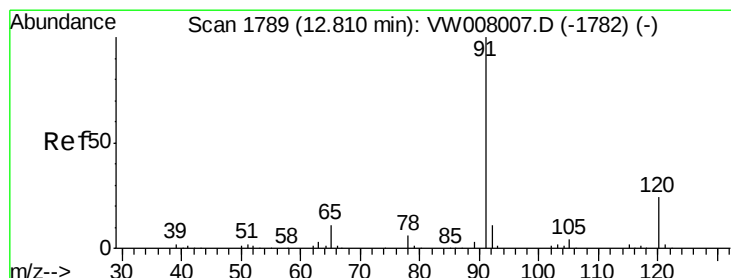
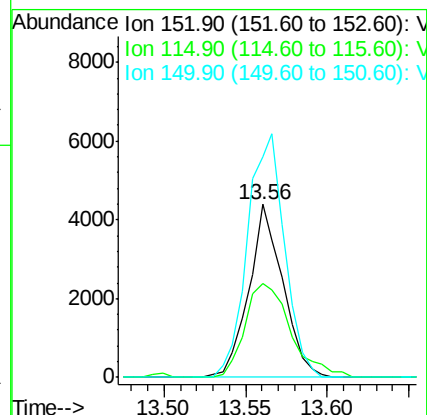
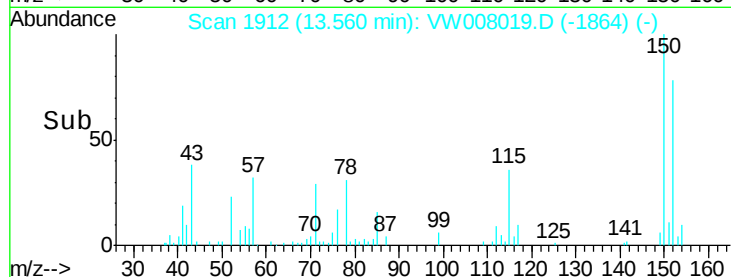
150 152.2 0.0 345.0



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



#78

n-propylbenzene

Concen: 7.095 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008019.D

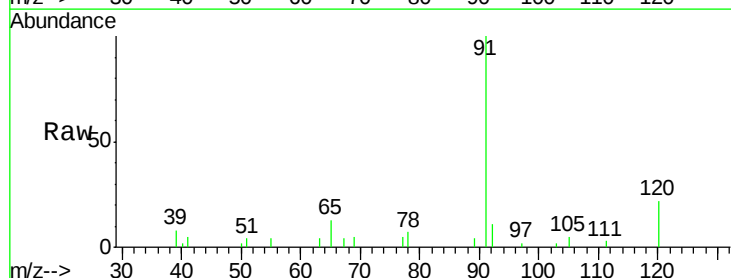
Acq: 03 Jan 2019 14:30

Tgt Ion: 91 Resp: 4193

Ion Ratio Lower Upper

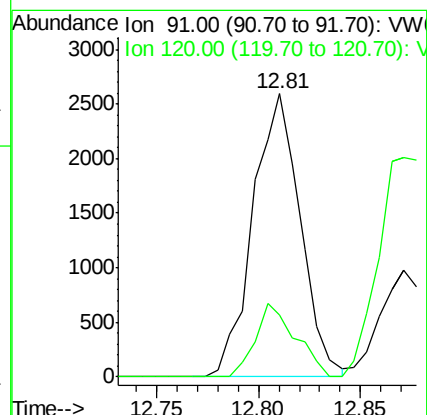
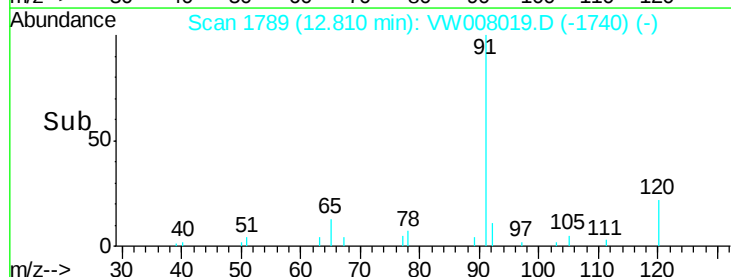
91 100

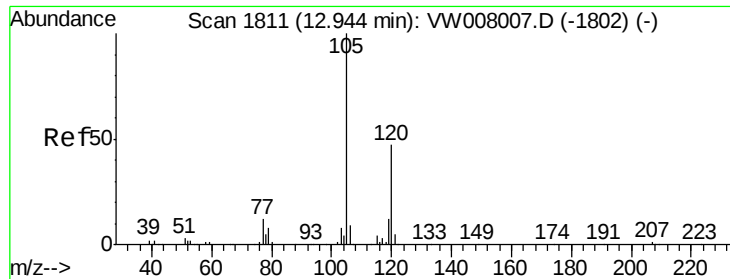
120 21.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

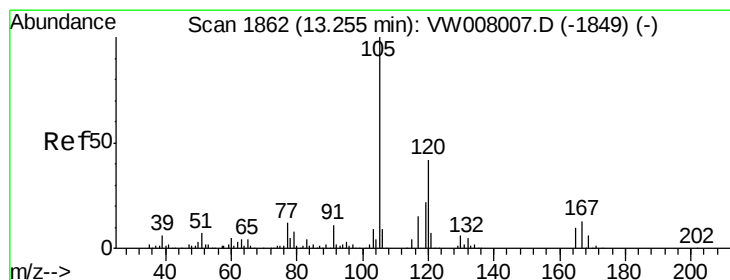
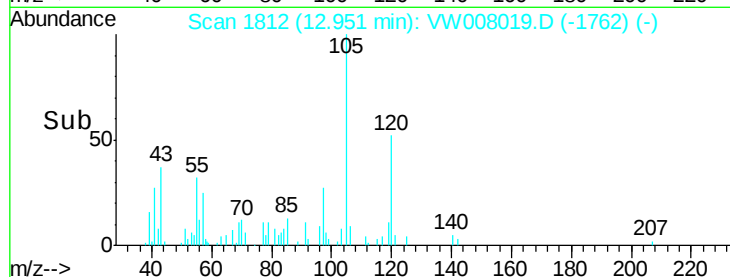
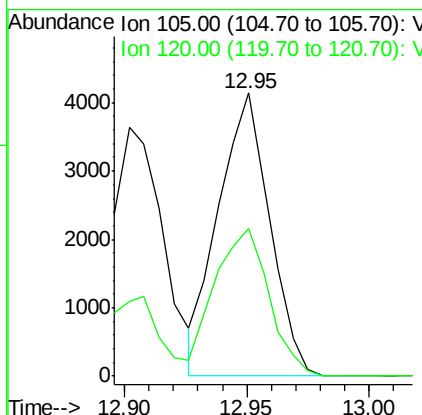
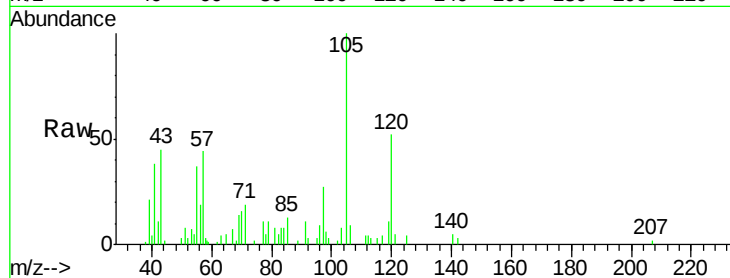




#80
 1,3,5-Trimethylbenzene
 Concen: 13.780 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008019.D
 Acq: 03 Jan 2019 14:30

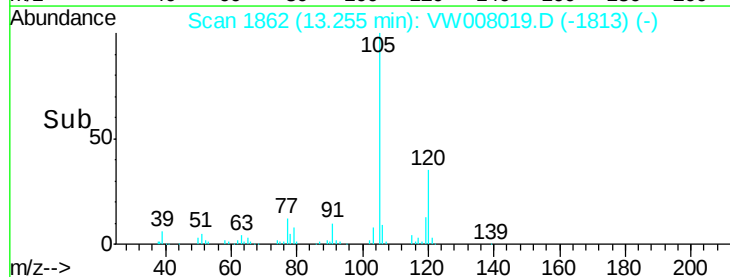
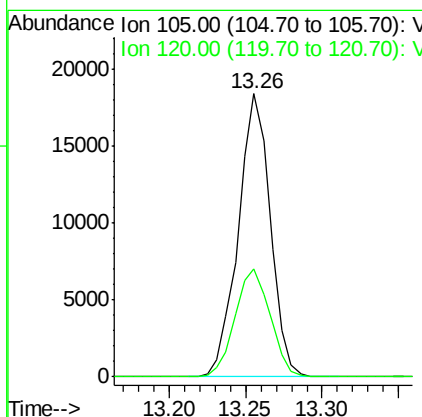
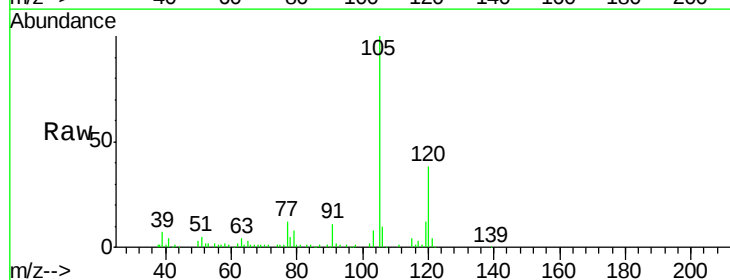
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-010219

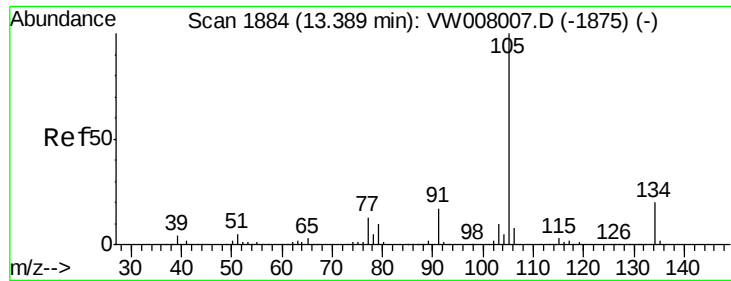
Tot Ion:105 Resp: 6046
 Ion Ratio Lower Upper
 105 100
 120 54.9 23.3 69.9



#84
 1,2,4-Trimethylbenzene
 Concen: 60.212 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008019.D
 Acq: 03 Jan 2019 14:30

Tgt Ion:105 Resp: 26758
 Ion Ratio Lower Upper
 105 100
 120 41.5 21.5 64.5

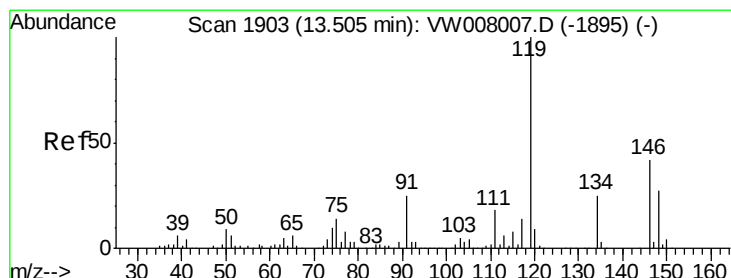
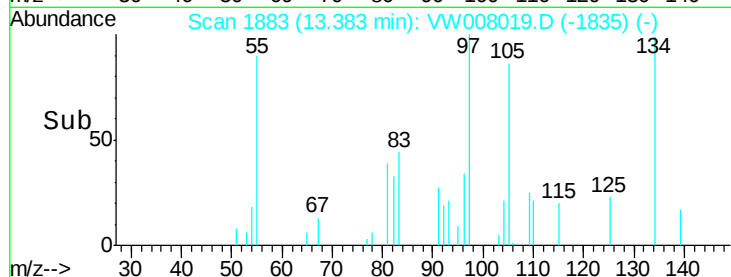
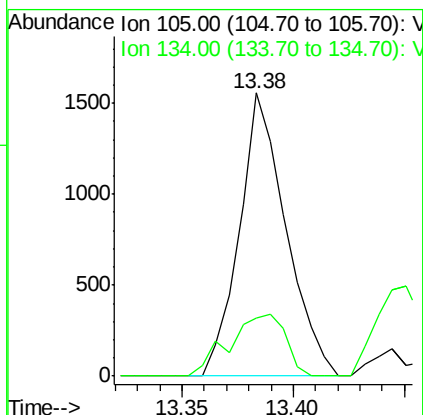
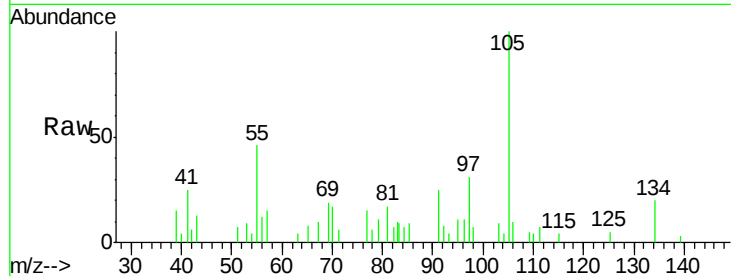




#85
 sec-Butylbenzene
 Concen: 4.299 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008019.D
 Acq: 03 Jan 2019 14:30

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-010219

Tot Ion:105 Resp: 2270
 Ion Ratio Lower Upper
 105 100
 134 26.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 4.090 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008019.D
 Acq: 03 Jan 2019 14:30

Tgt Ion:119 Resp: 1948
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.5 37.5
 91 37.0 13.1 39.3

