

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012000.D
 Acq On : 19 Aug 2019 20:02
 Operator : SY/VA
 Sample : K4391-05
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 W-WALL

Quant Time: Aug 20 05:50:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

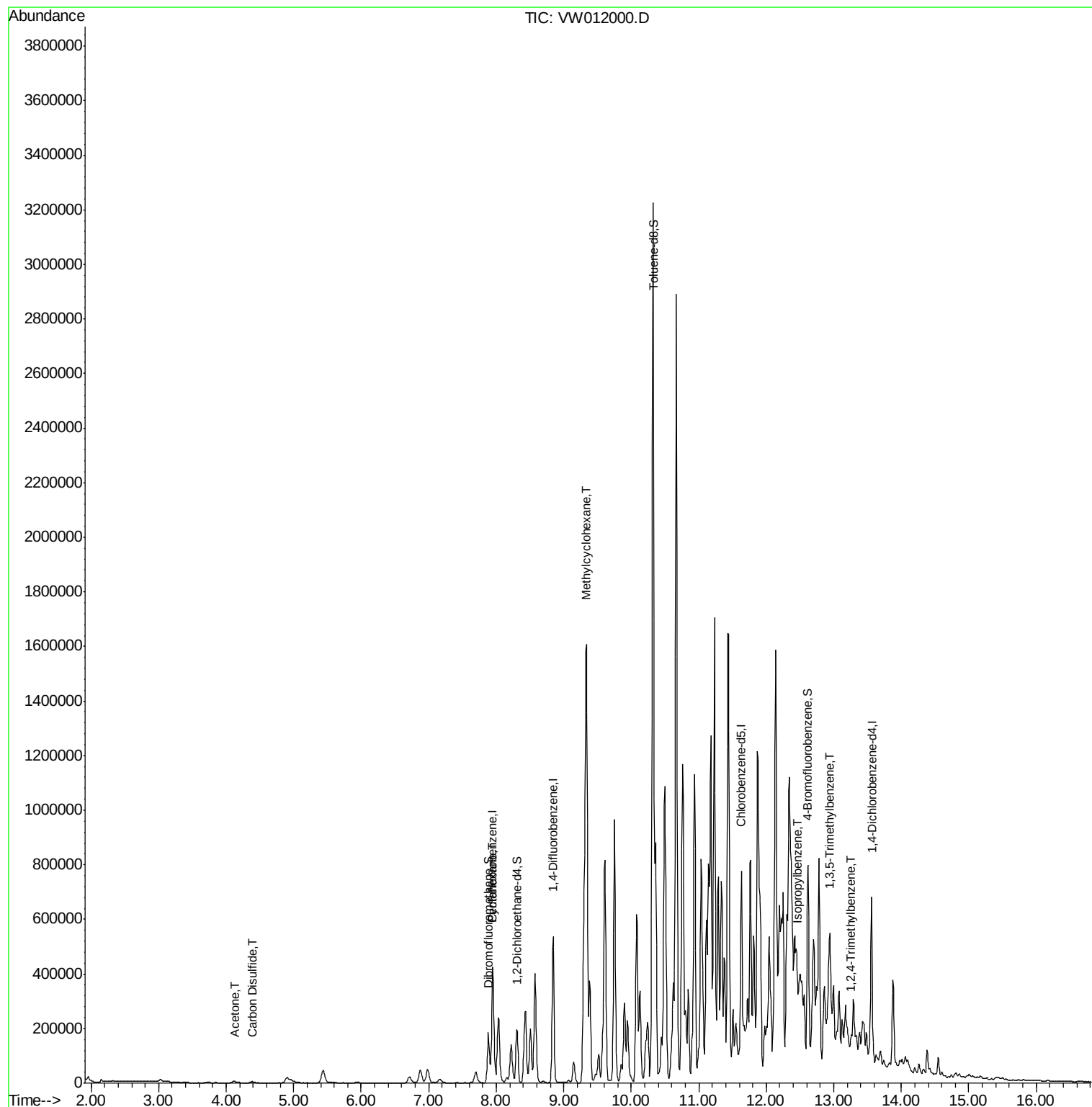
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155919	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
35) Dibromofluoromethane	7.88	113	128348	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
50) Toluene-d8	10.32	98	618310	63.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.84%	
62) 4-Bromofluorobenzene	12.62	95	207695	59.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.50%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	8848	9.597	ug/l	90
17) Carbon Disulfide	4.39	76	10536	1.281	ug/l	97
31) Cyclohexane	7.95	56	56728	10.468	ug/l #	93
39) Methylcyclohexane	9.34	83	611593	125.841	ug/l	96
73) Isopropylbenzene	12.46	105	12092	1.025	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	10573	1.069	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	11908	1.196	ug/l	99

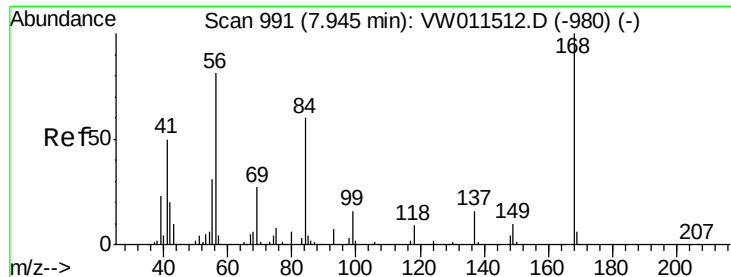
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012000.D

Acq: 19 Aug 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

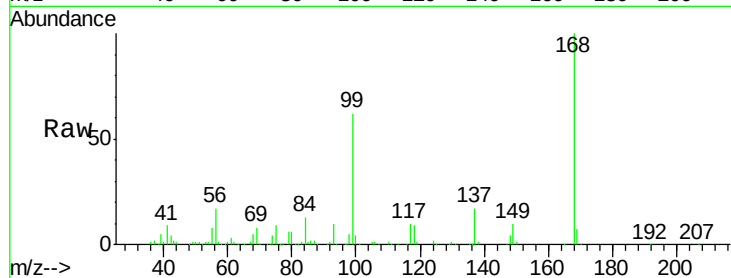
W-WALL

Tot Ion:168 Resp: 252401

Ion Ratio Lower Upper

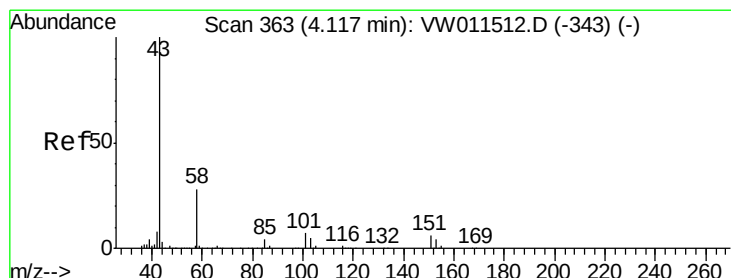
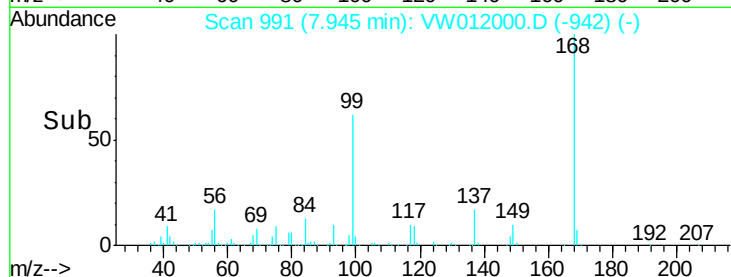
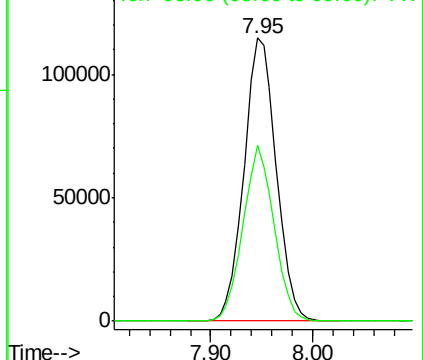
168 100

99 62.0 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: 9.597 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012000.D

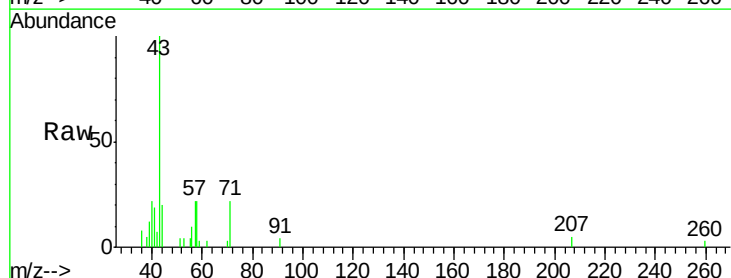
Acq: 19 Aug 2019 20:02

Tgt Ion: 43 Resp: 8848

Ion Ratio Lower Upper

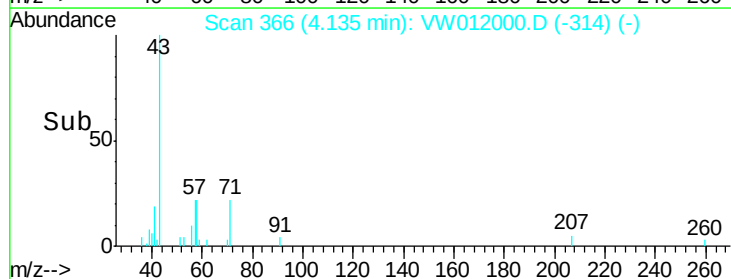
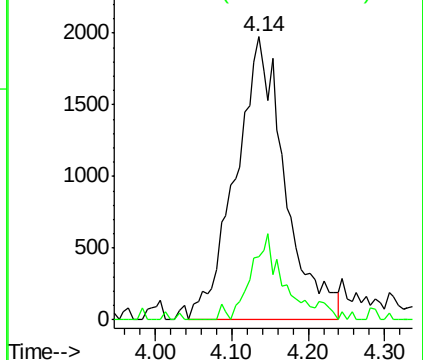
43 100

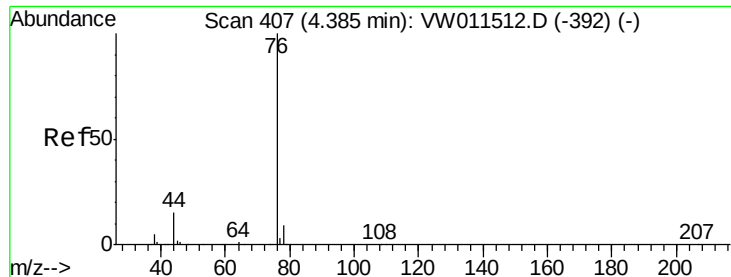
58 22.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

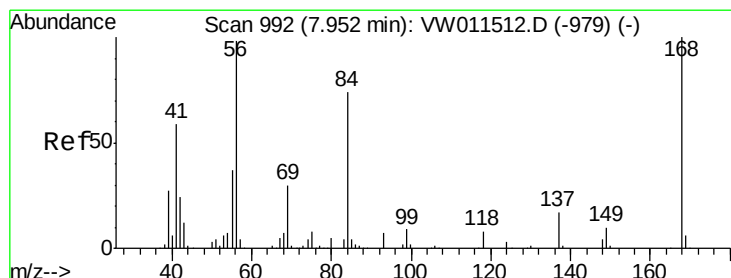
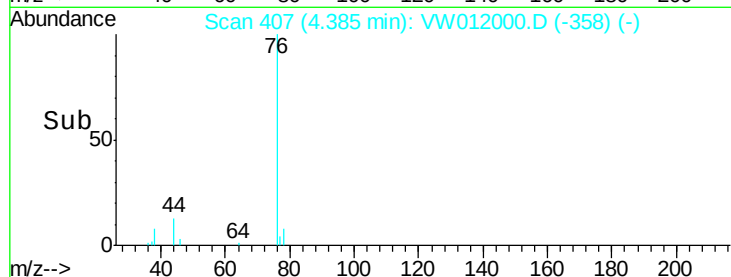
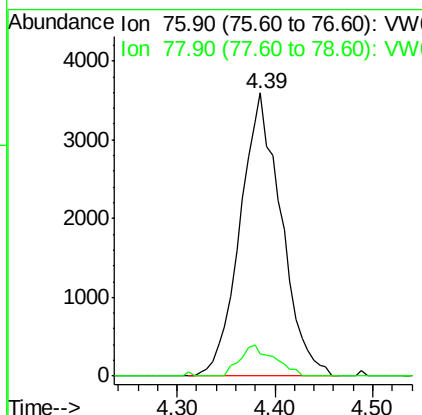
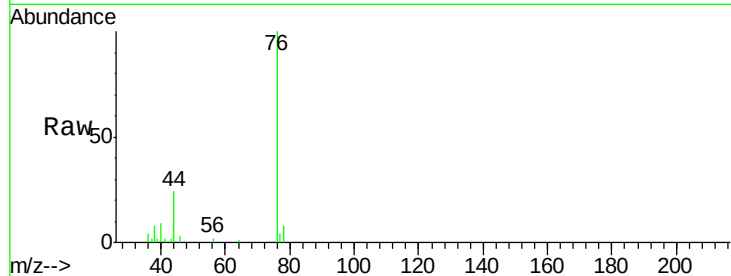




#17
Carbon Disulfide
Concen: 1.281 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW012000.D
Acq: 19 Aug 2019 20:02

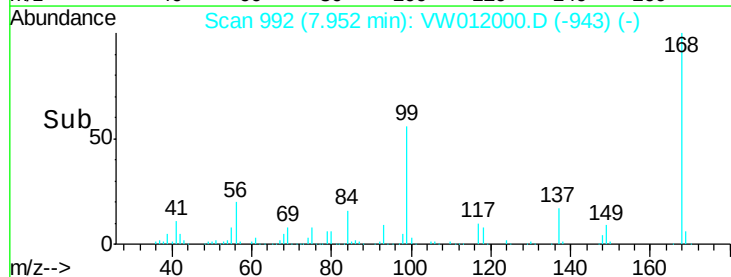
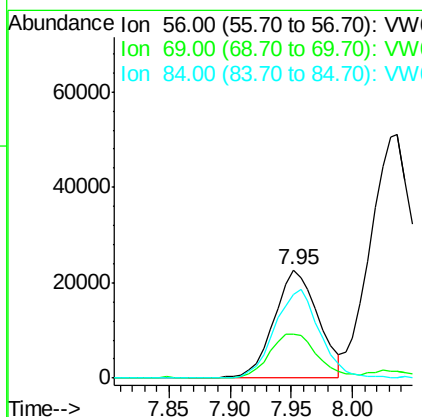
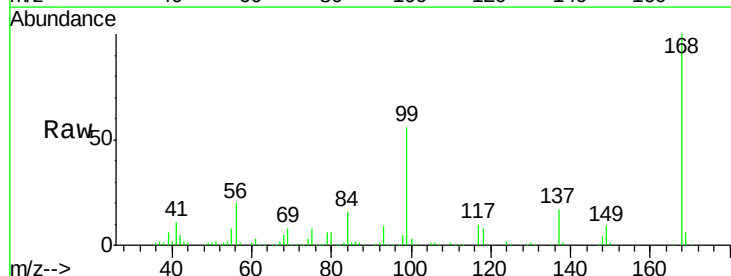
Instrument :
MSVOA_W
ClientSampled :
W-WALL

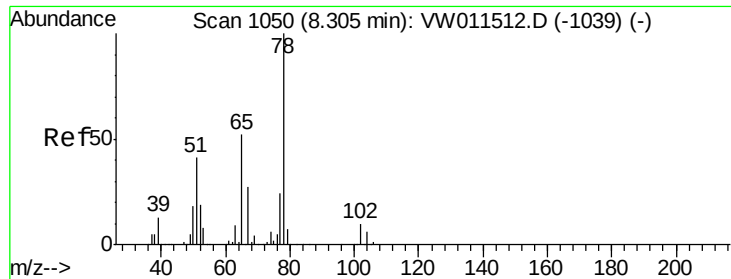
Tot Ion: 76 Resp: 10536
Ion Ratio Lower Upper
76 100
78 7.7 7.1 10.7



#31
Cyclohexane
Concen: 10.468 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW012000.D
Acq: 19 Aug 2019 20:02

Tgt Ion: 56 Resp: 56728
Ion Ratio Lower Upper
56 100
69 40.5 24.3 36.5#
84 77.3 60.4 90.6

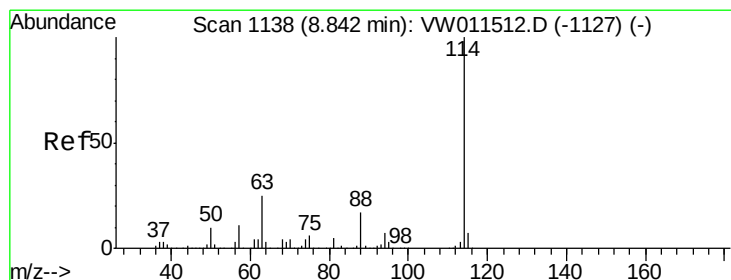
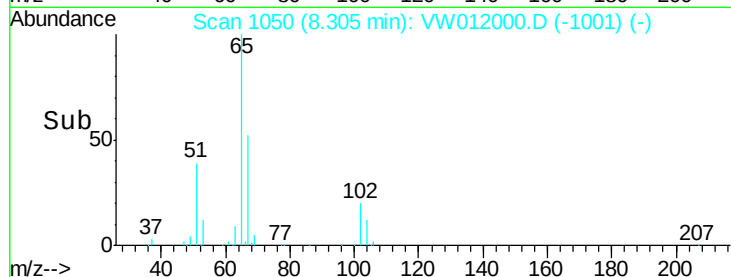
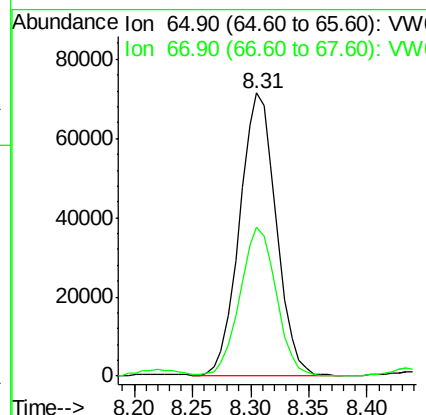
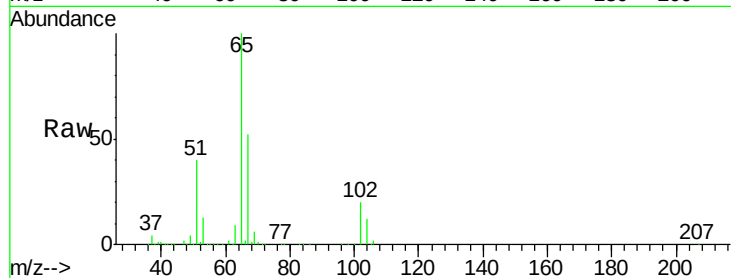




#33
 1,2-Dichloroethane-d4
 Concen: 53.797 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012000.D
 Acq: 19 Aug 2019 20:02

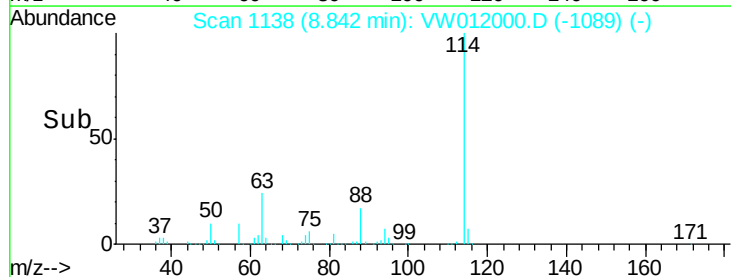
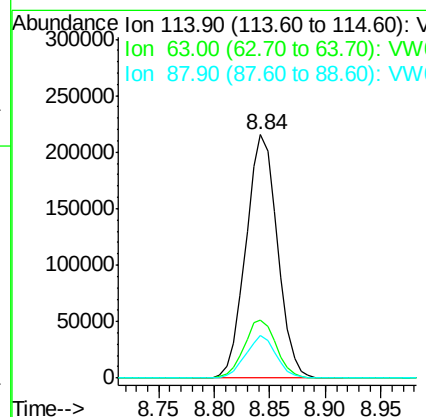
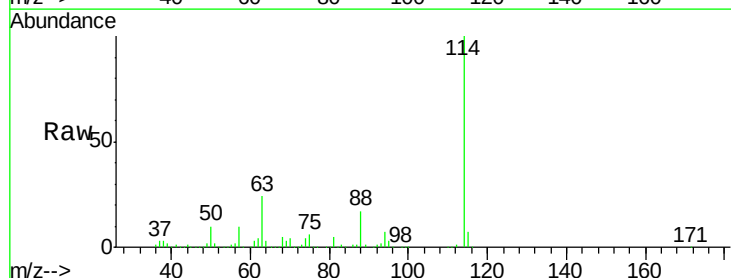
Instrument :
 MSVOA_W
 ClientSampleId :
 W-WALL

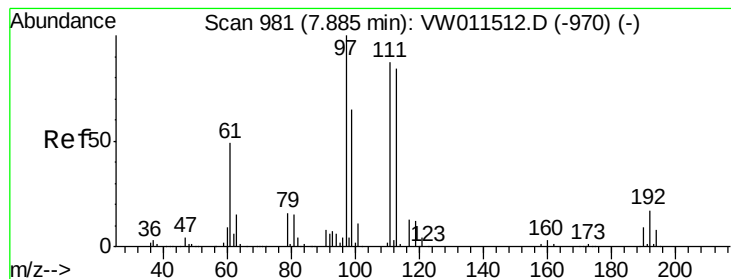
Tot Ion: 65 Resp: 155919
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012000.D
 Acq: 19 Aug 2019 20:02

Tgt Ion: 114 Resp: 424473
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 17.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 53.897 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012000.D

Acq: 19 Aug 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

W-WALL

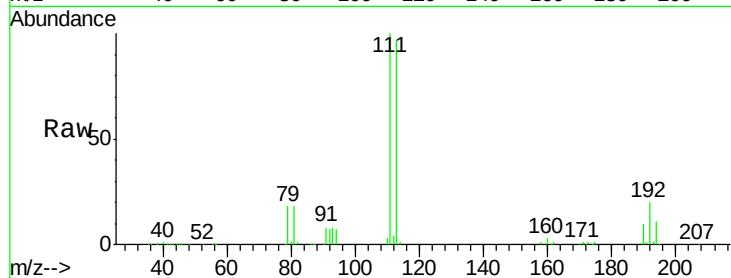
Tot Ion:113 Resp: 128348

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

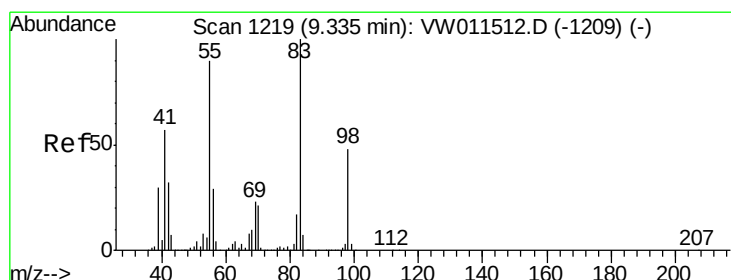
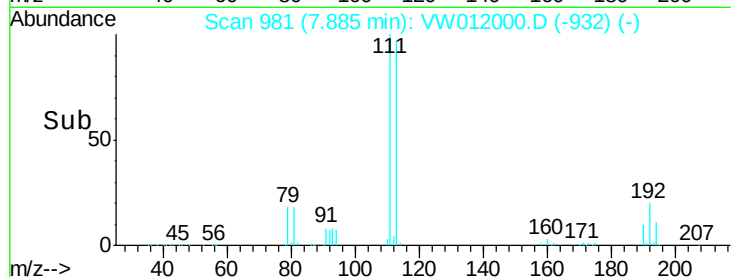
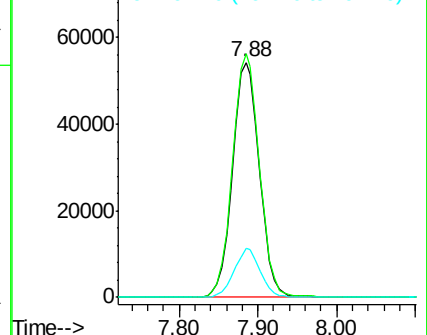
192 20.2 16.1 24.1



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

Methylcyclohexane

Concen: 125.841 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW012000.D

Acq: 19 Aug 2019 20:02

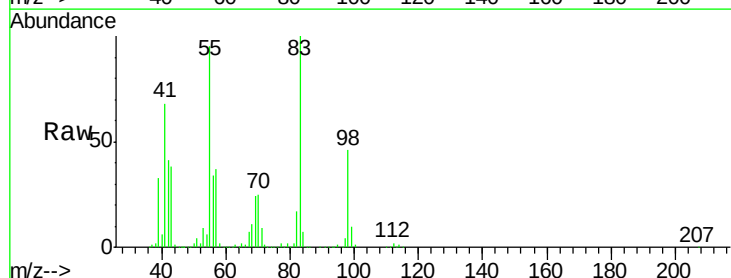
Tgt Ion: 83 Resp: 611593

Ion Ratio Lower Upper

83 100

55 94.8 72.1 108.1

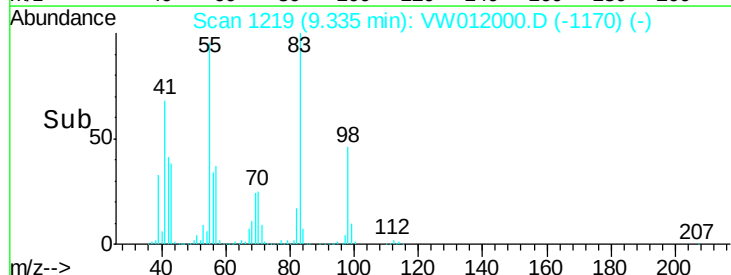
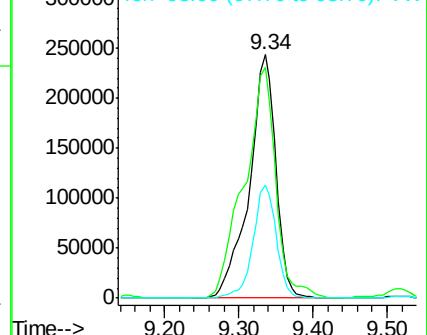
98 46.3 38.6 57.8

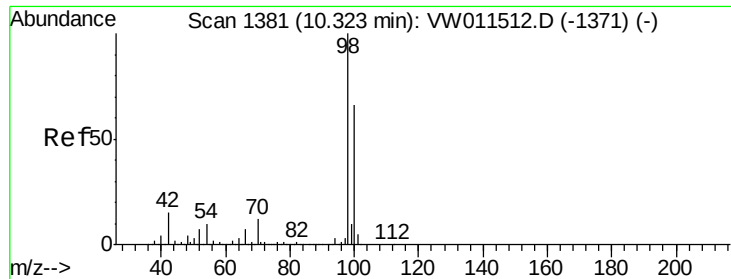


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

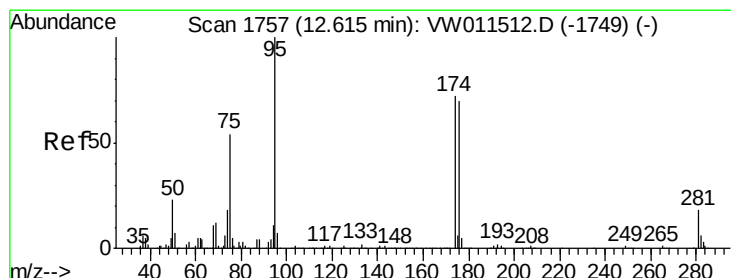
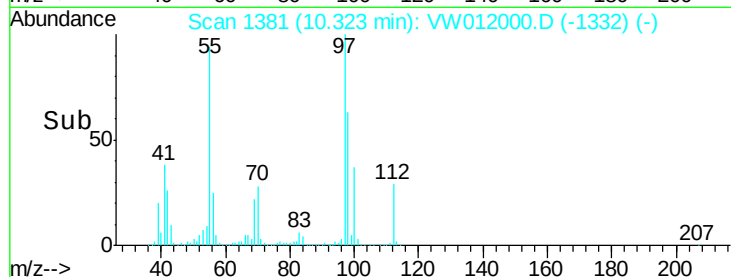
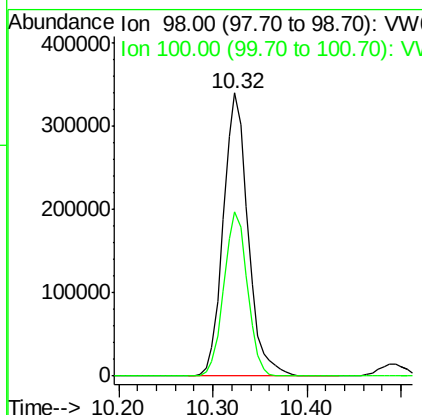
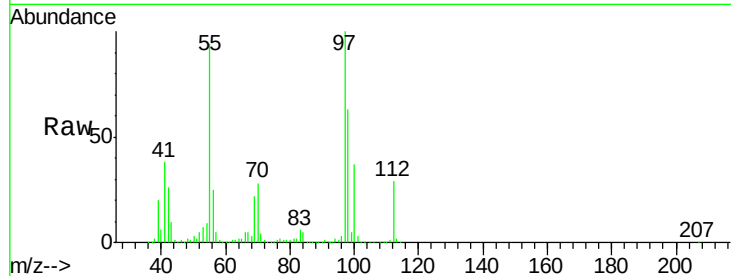




#50
Toluene-d8
Concen: 63.416 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012000.D
Acq: 19 Aug 2019 20:02

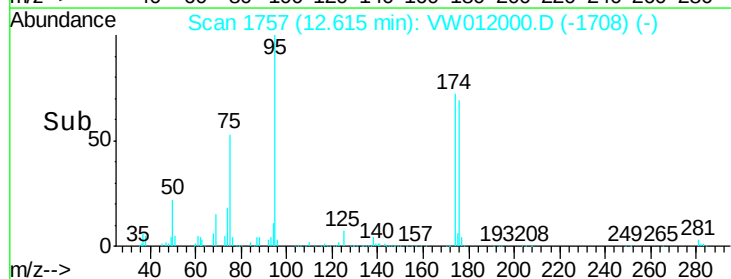
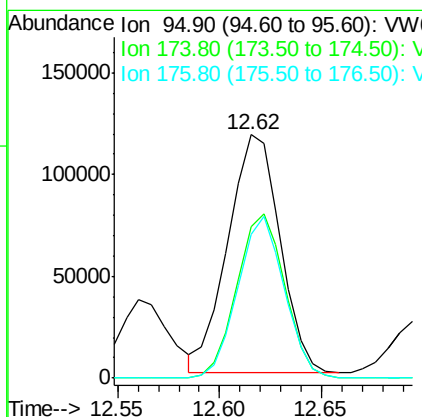
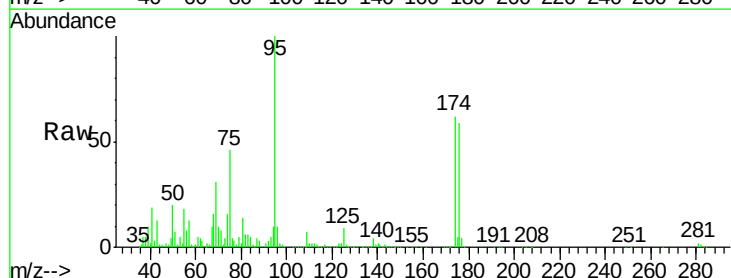
Instrument :
MSVOA_W
ClientSampleId :
W-WALL

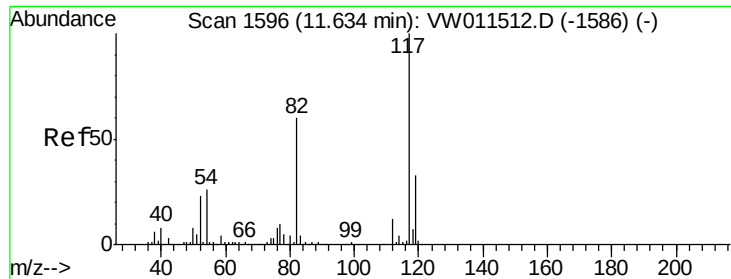
Tot Ion: 98 Resp: 618310
Ion Ratio Lower Upper
98 100
100 55.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 59.750 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012000.D
Acq: 19 Aug 2019 20:02

Tgt Ion: 95 Resp: 207695
Ion Ratio Lower Upper
95 100
174 63.6 0.0 150.2
176 60.6 0.0 144.4

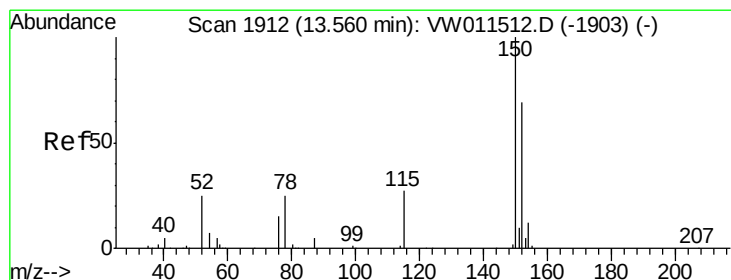
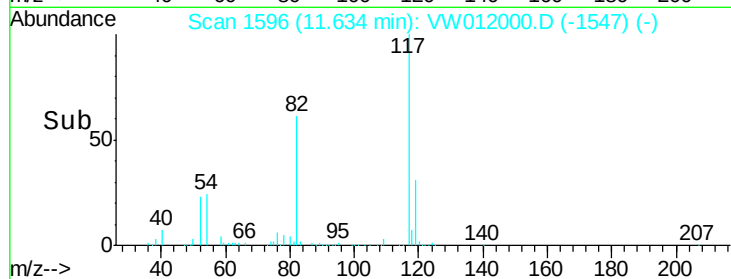
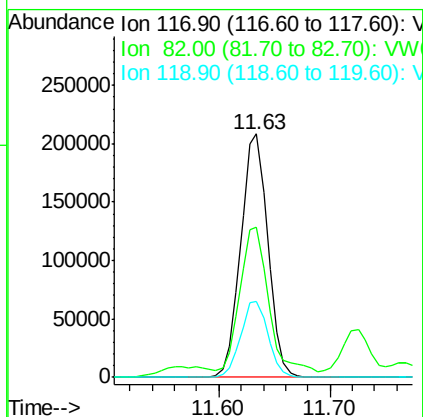
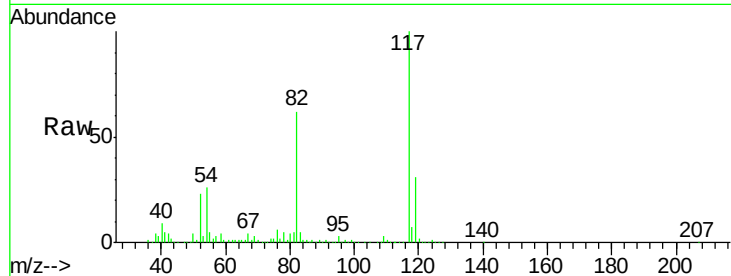




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012000.D
Acq: 19 Aug 2019 20:02

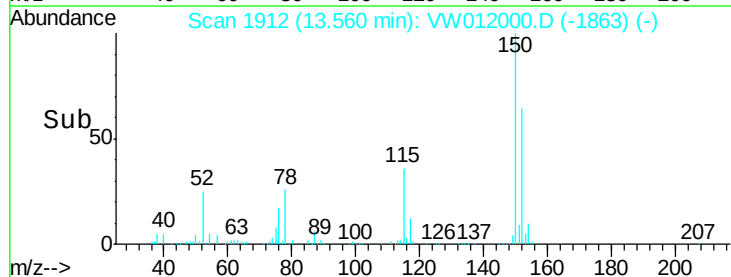
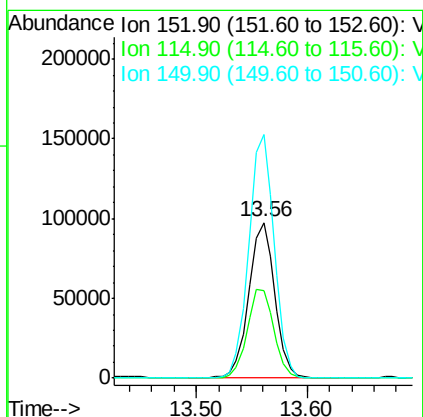
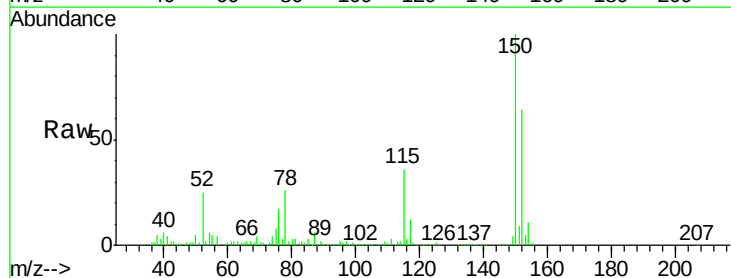
Instrument :
MSVOA_W
ClientSampleId :
W-WALL

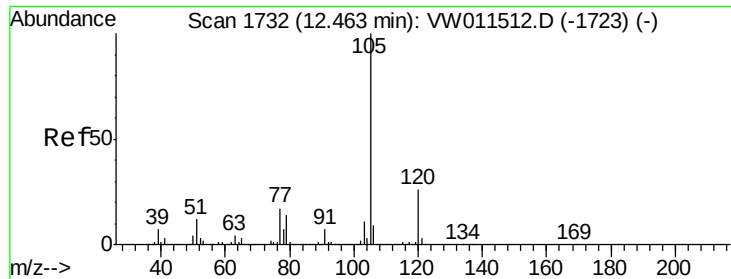
Tot Ion:117 Resp: 352392
Ion Ratio Lower Upper
117 100
82 57.9 47.9 71.9
119 31.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012000.D
Acq: 19 Aug 2019 20:02

Tgt Ion:152 Resp: 158106
Ion Ratio Lower Upper
152 100
115 58.6 30.5 91.5
150 153.6 0.0 352.6





#73

Isopropylbenzene

Concen: 1.025 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012000.D

Acq: 19 Aug 2019 20:02

Instrument :

MSVOA_W

ClientSampleId :

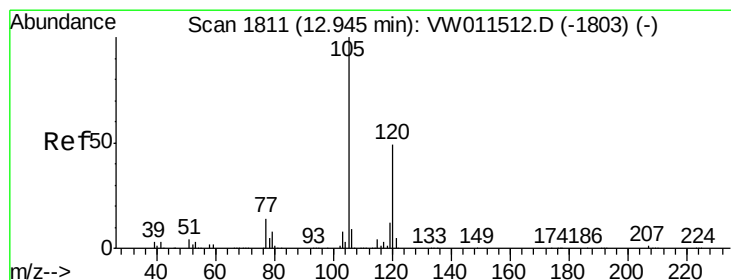
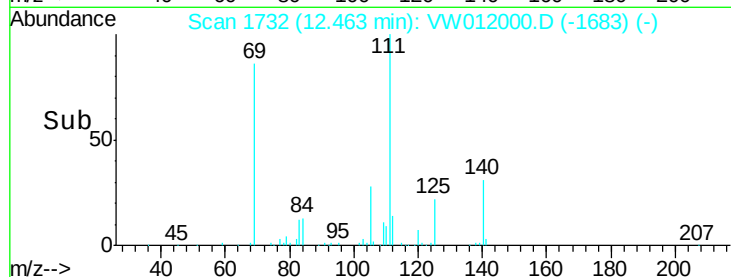
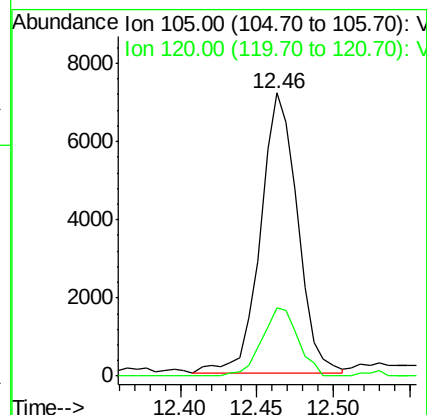
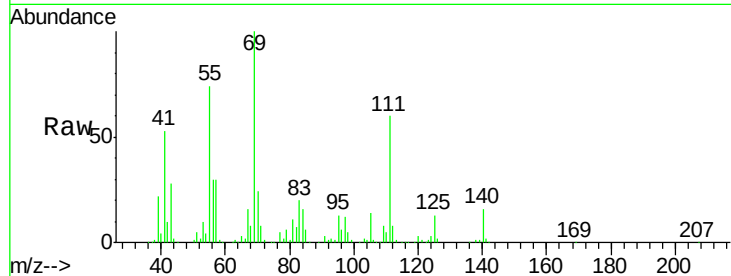
W-WALL

Tot Ion:105 Resp: 12092

Ion Ratio Lower Upper

105 100

120 23.9 12.9 38.7



#80

1,3,5-Trimethylbenzene

Concen: 1.069 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012000.D

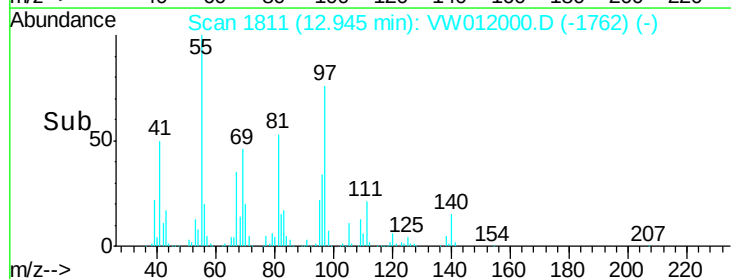
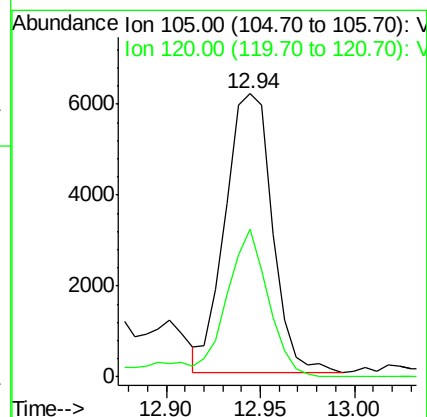
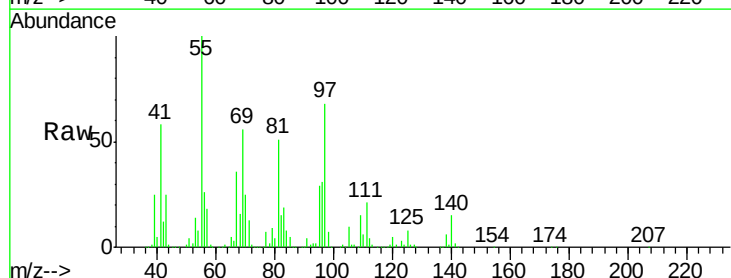
Acq: 19 Aug 2019 20:02

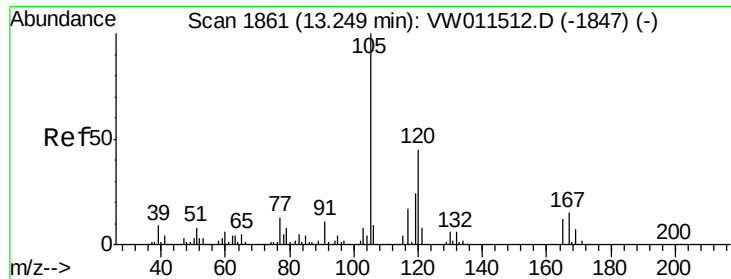
Tgt Ion:105 Resp: 10573

Ion Ratio Lower Upper

105 100

120 51.3 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 1.196 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012000.D
 Acq: 19 Aug 2019 20:02

Instrument :
 MSVOA_W
 ClientSampleId :
 W-WALL

Tot Ion:105 Resp: 11908
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.5

