

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007032.D
 Acq On : 22 Nov 2018 07:08
 Operator : VAY/AP
 Sample : J6013-01RE
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DISPOSAL-WASTE-CLASSRE

Quant Time: Nov 22 23:57:41 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

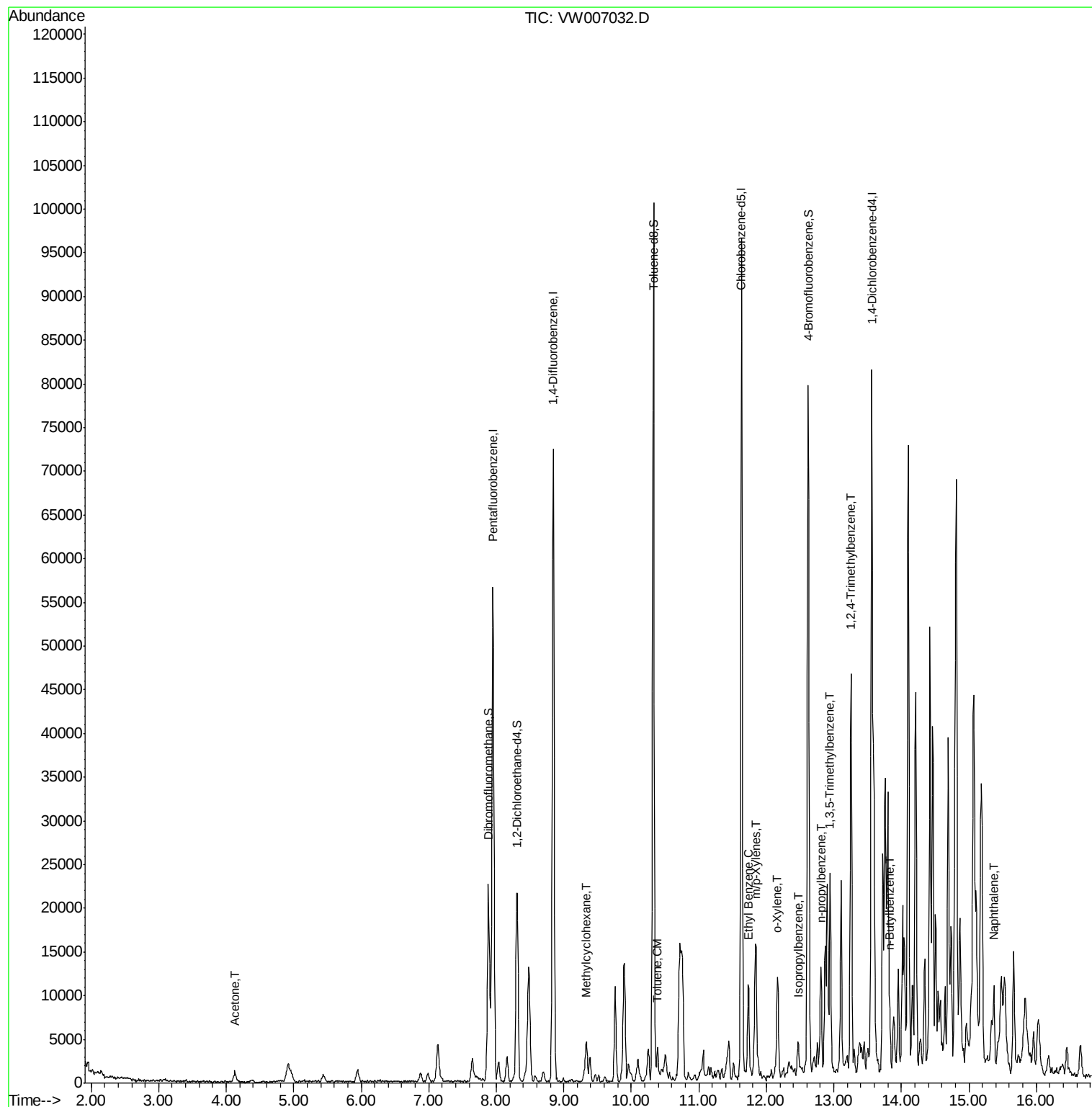
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	40743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	62808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	21291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	18614	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	7.88	113	16451	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
50) Toluene-d8	10.33	98	68128	43.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.00%	
62) 4-Bromofluorobenzene	12.62	95	23923	38.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.62%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	2115	36.520	ug/l	100
39) Methylcyclohexane	9.34	83	1083	1.410	ug/l	95
52) Toluene	10.39	92	1783	1.581	ug/l	95
67) Ethyl Benzene	11.73	91	6671	3.318	ug/l	97
68) m/p-Xylenes	11.84	106	4775	6.053	ug/l	95
69) o-Xylene	12.16	106	2955	3.973	ug/l	92
73) Isopropylbenzene	12.47	105	2136	1.291	ug/l	98
78) n-propylbenzene	12.81	91	9753	4.866	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	10776	7.531	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	24493	17.180	ug/l	98
89) n-Butylbenzene	13.83	91	3208	2.208	ug/l #	72
95) Naphthalene	15.37	128	6181	8.122	ug/l #	91

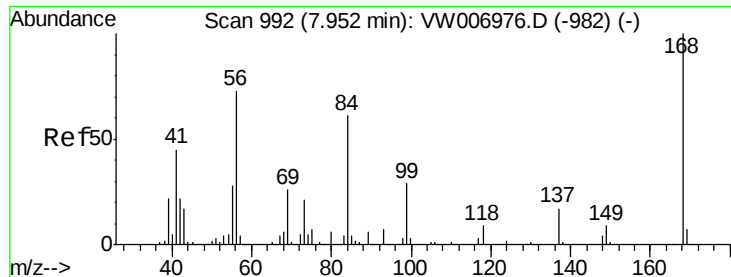
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007032.D

Acq: 22 Nov 2018 07:08

Instrument :

MSVOA_W

ClientSampleId :

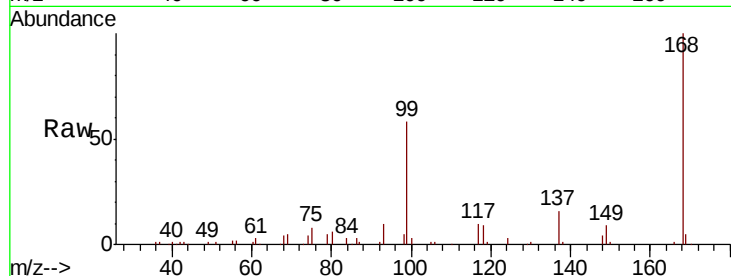
DISPOSAL-WASTE-CLASSRE

Tot Ion:168 Resp: 40743

Ion Ratio Lower Upper

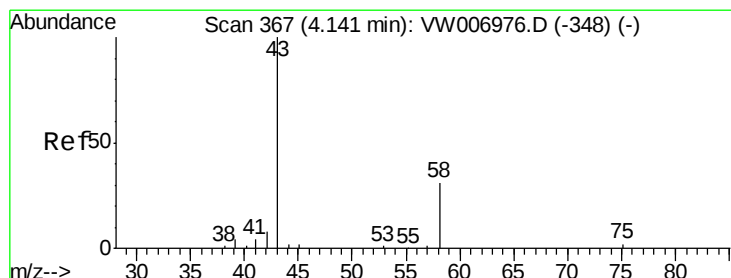
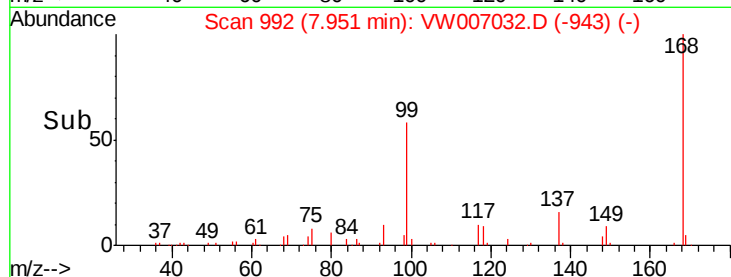
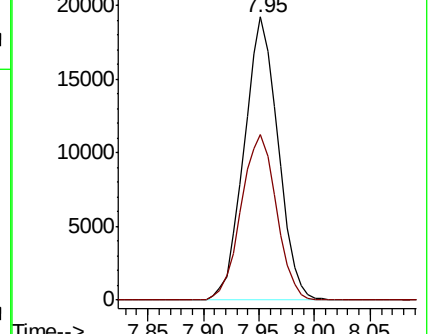
168 100

99 58.5 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: 36.520 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW007032.D

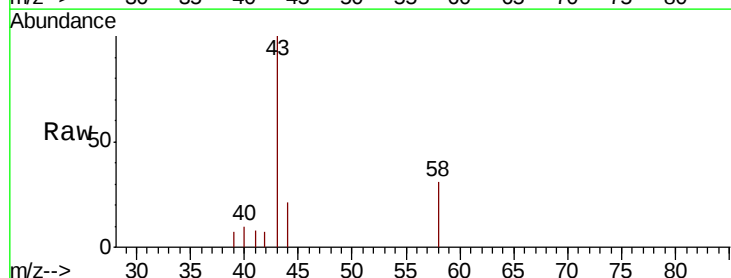
Acq: 22 Nov 2018 07:08

Tgt Ion: 43 Resp: 2115

Ion Ratio Lower Upper

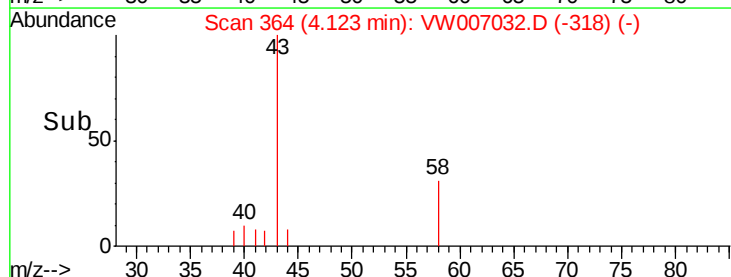
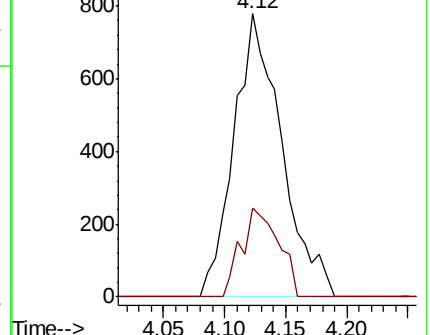
43 100

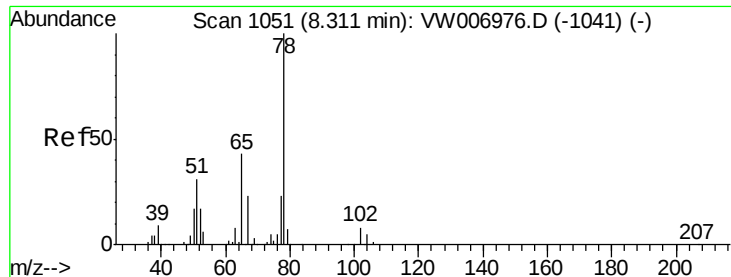
58 31.2 24.8 37.2



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: 46.665 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW007032.D

Acq: 22 Nov 2018 07:08

Instrument :

MSVOA_W

ClientSampleId :

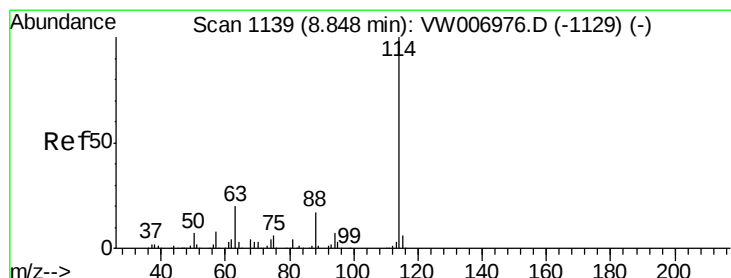
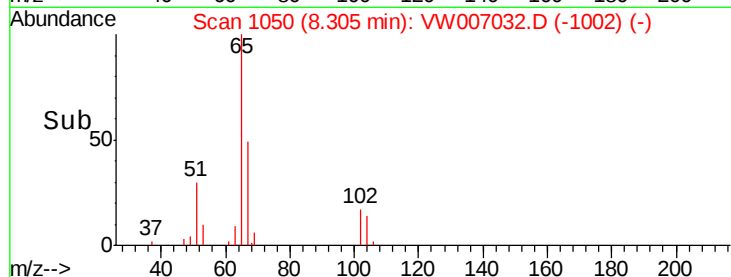
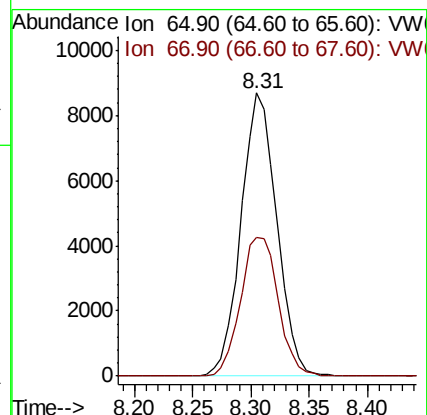
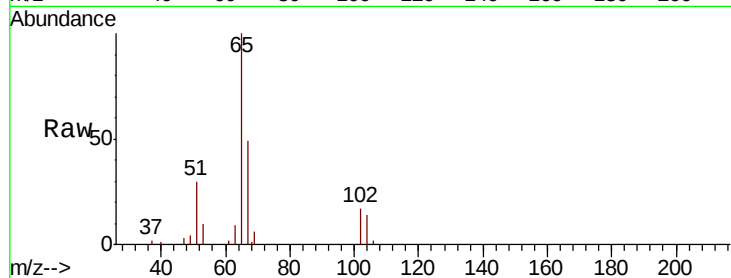
DISPOSAL-WASTE-CLASSRE

Tot Ion: 65 Resp: 18614

Ion Ratio Lower Upper

65 100

67 51.5 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: VW007032.D

Acq: 22 Nov 2018 07:08

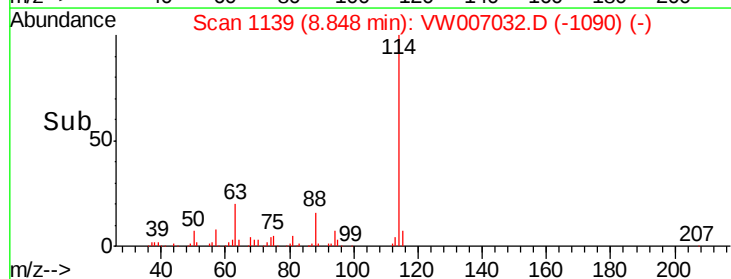
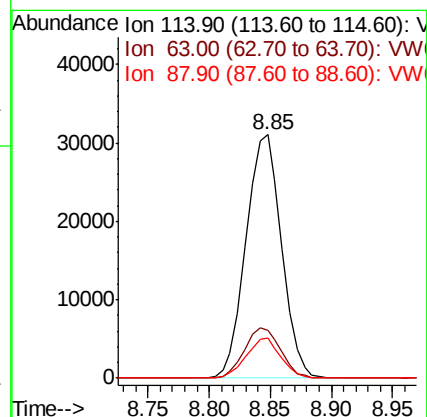
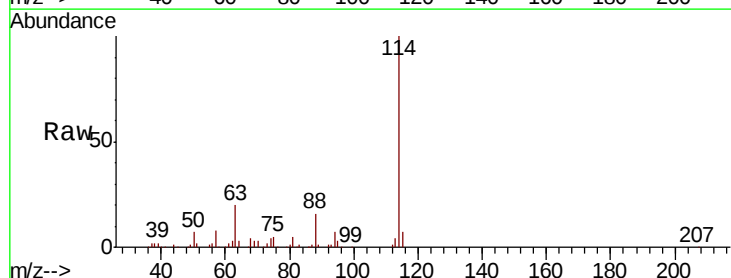
Tgt Ion: 114 Resp: 62808

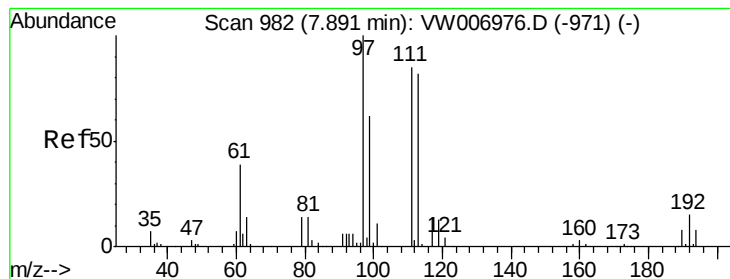
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 46.381 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007032.D

Acq: 22 Nov 2018 07:08

Instrument :

MSVOA_W

ClientSampleId :

DISPOSAL-WASTE-CLASSRE

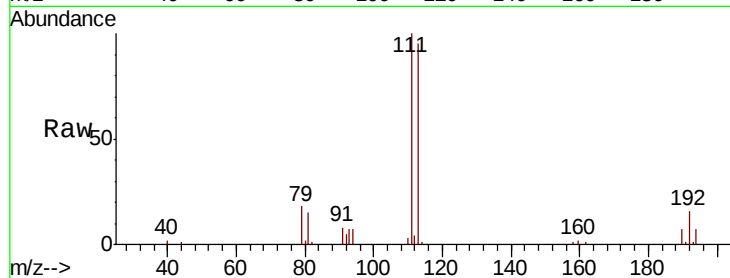
Tot Ion:113 Resp: 16451

Ion Ratio Lower Upper

113 100

111 105.7 81.0 121.6

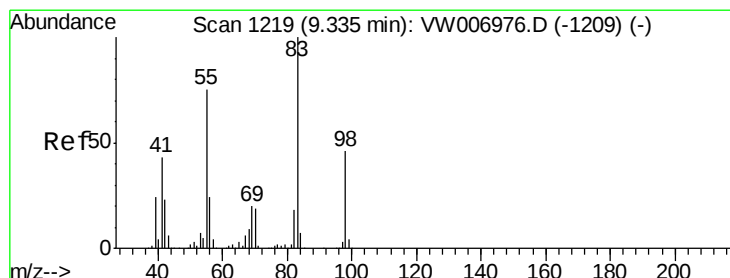
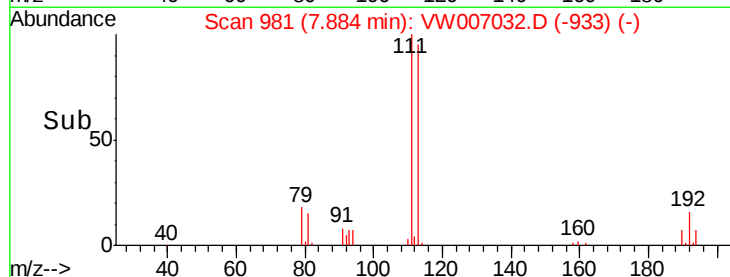
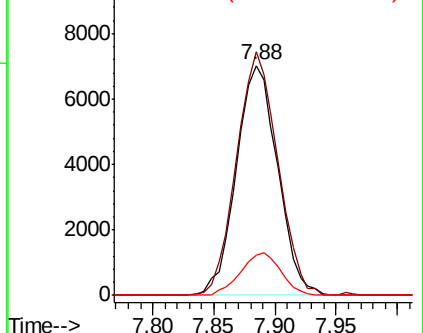
192 18.1 15.0 22.6



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

Methylcyclohexane

Concen: 1.410 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW007032.D

Acq: 22 Nov 2018 07:08

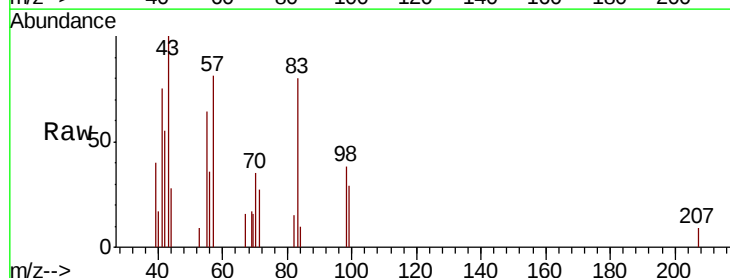
Tgt Ion: 83 Resp: 1083

Ion Ratio Lower Upper

83 100

55 80.6 59.6 89.4

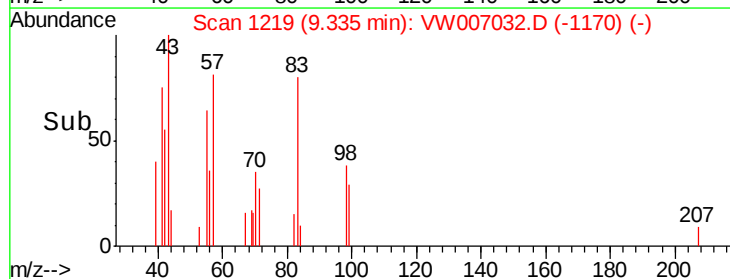
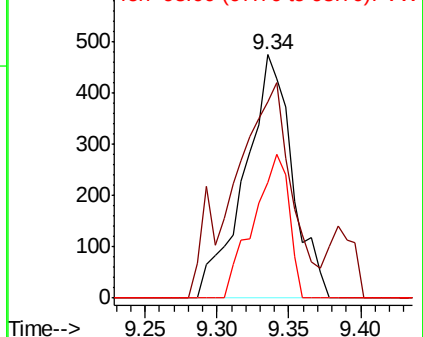
98 47.5 37.1 55.7

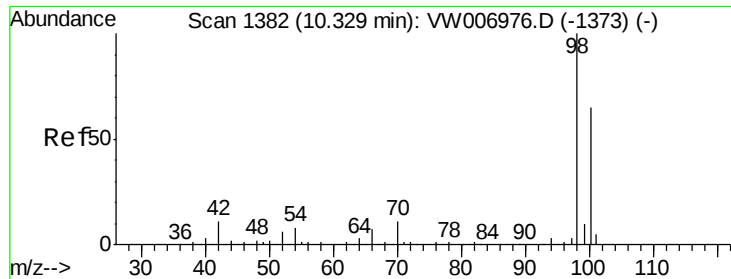


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

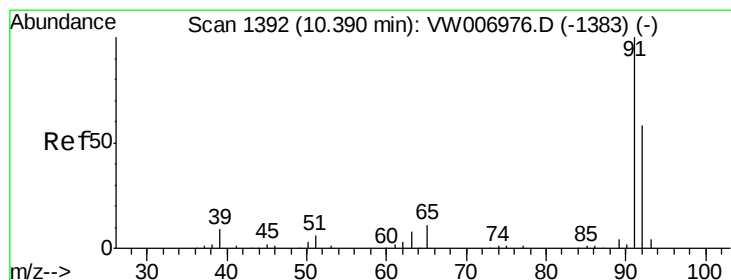
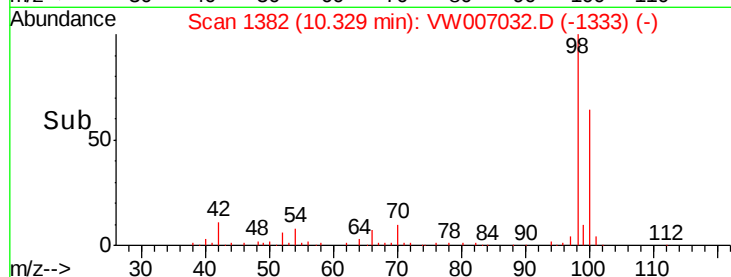
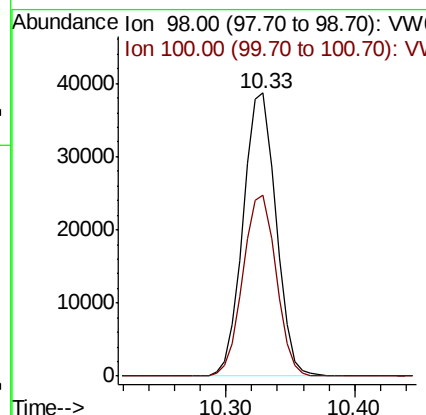
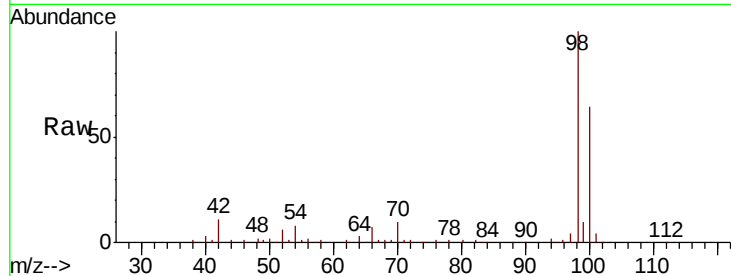




#50
Toluene-d8
Concen: 43.497 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007032.D
Acq: 22 Nov 2018 07:08

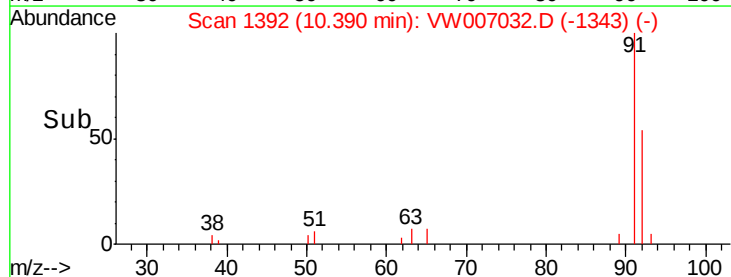
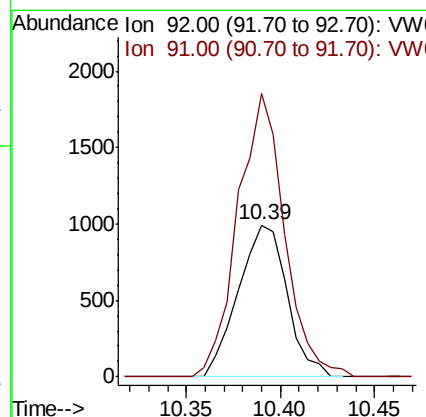
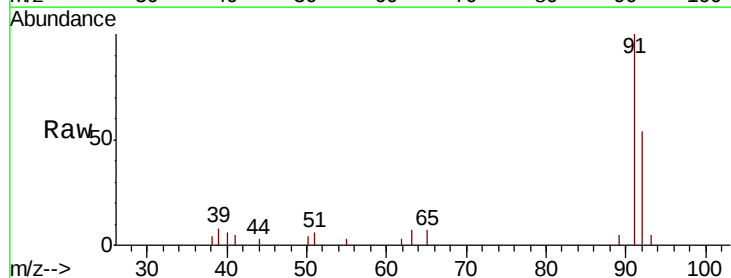
Instrument :
MSVOA_W
ClientSampleId :
DISPOSAL-WASTE-CLASSRE

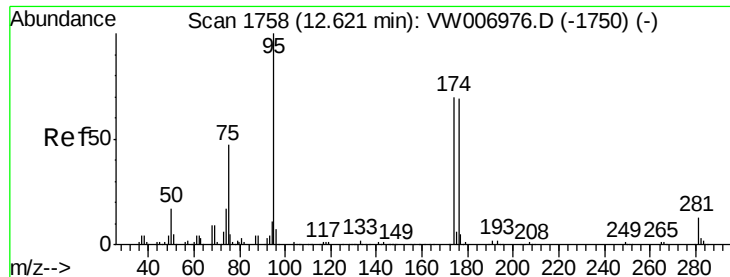
Tot Ion: 98 Resp: 68128
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#52
Toluene
Concen: 1.581 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007032.D
Acq: 22 Nov 2018 07:08

Tgt Ion: 92 Resp: 1783
Ion Ratio Lower Upper
92 100
91 178.9 137.3 205.9





#62

4-Bromofluorobenzene

Concen: 38.814 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007032.D

Acq: 22 Nov 2018 07:08

Instrument :

MSVOA_W

ClientSampleId :

DISPOSAL-WASTE-CLASSRE

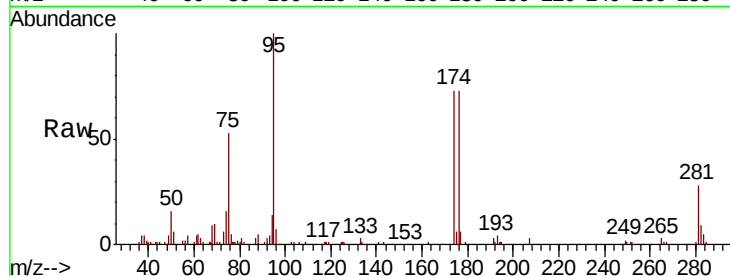
Tot Ion: 95 Resp: 23923

Ion Ratio Lower Upper

95 100

174 71.9 0.0 143.6

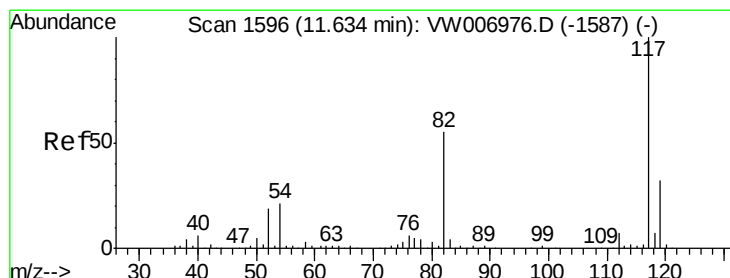
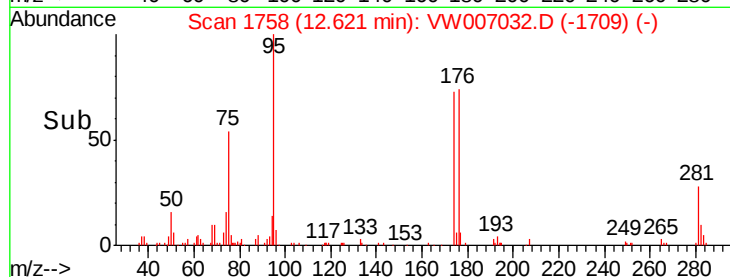
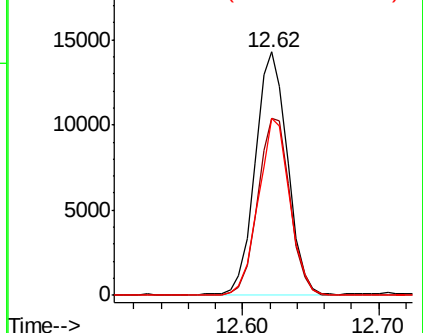
176 70.1 0.0 140.4



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: VW007032.D

Acq: 22 Nov 2018 07:08

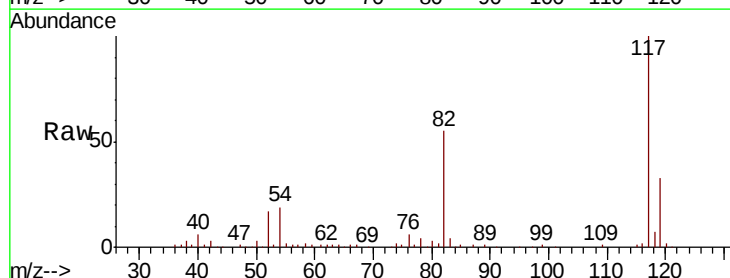
Tgt Ion: 117 Resp: 52437

Ion Ratio Lower Upper

117 100

82 55.0 44.2 66.2

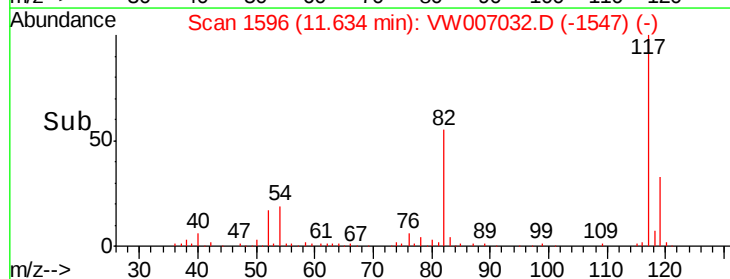
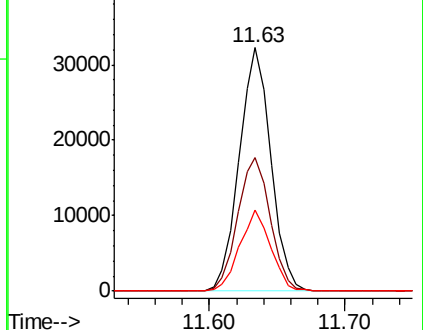
119 33.0 25.9 38.9

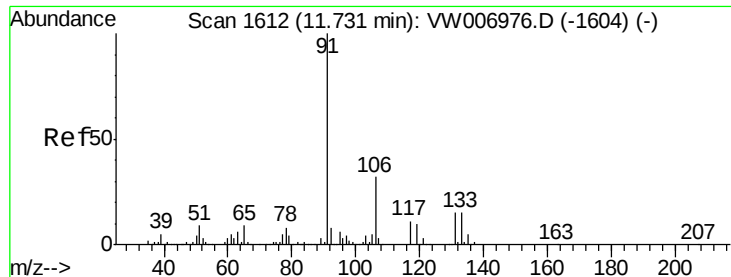


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

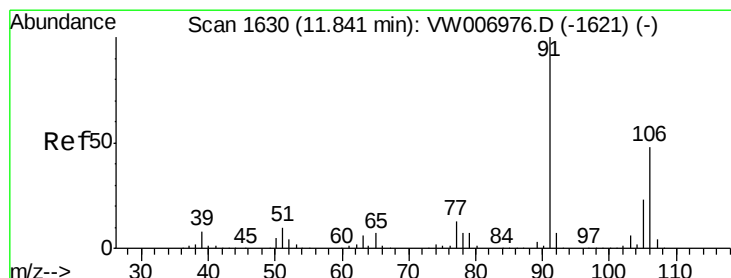
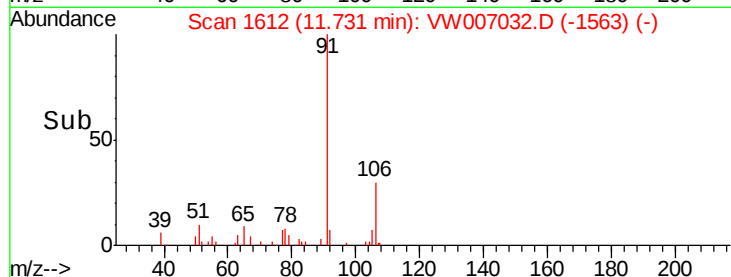
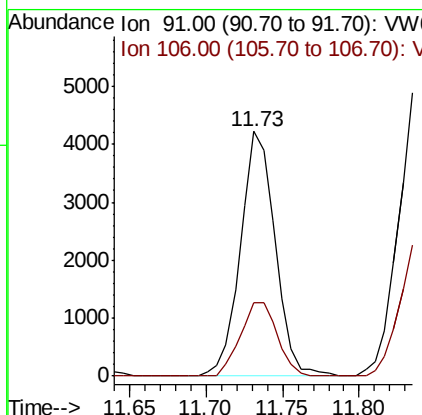
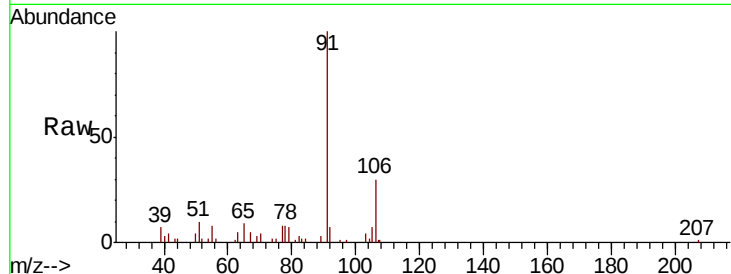




#67
Ethyl Benzene
Concen: 3.318 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007032.D
Acq: 22 Nov 2018 07:08

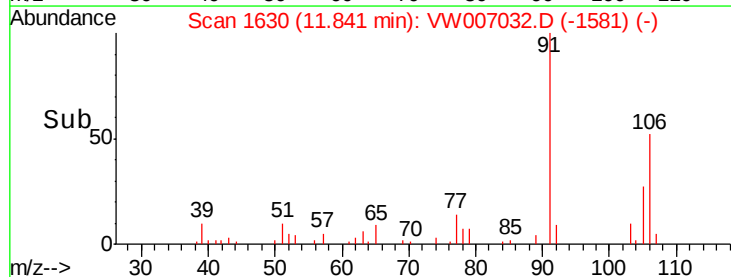
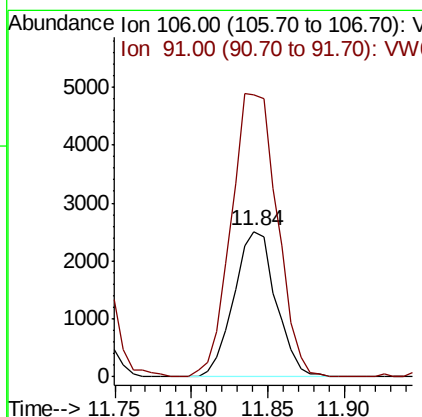
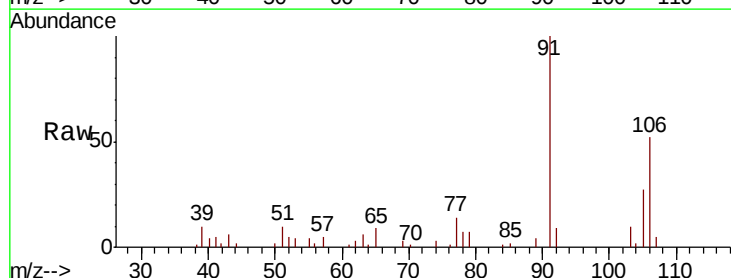
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DISPOSAL-WASTE-CLASSRE

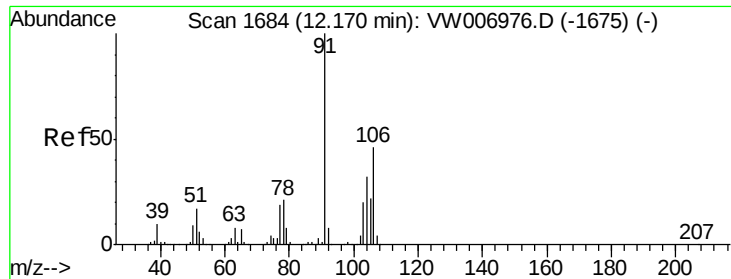
Tot Ion: 91 Resp: 6671
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.2



#68
m/p-Xylenes
Concen: 6.053 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007032.D
Acq: 22 Nov 2018 07:08

Tgt Ion:106 Resp: 4775
Ion Ratio Lower Upper
106 100
91 213.7 164.8 247.2

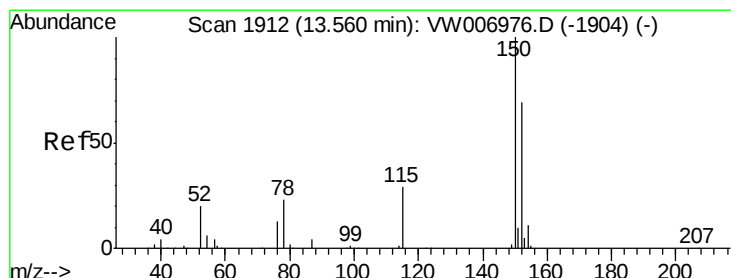
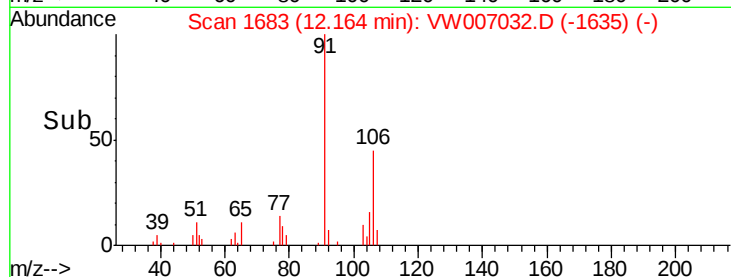
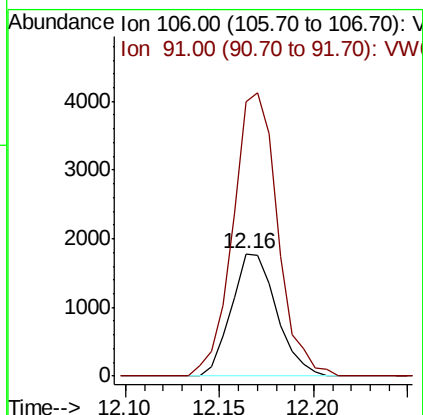
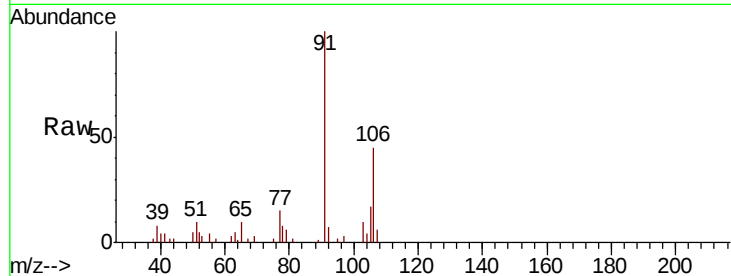




#69
o-Xylene
Concen: 3.973 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007032.D
Acq: 22 Nov 2018 07:08

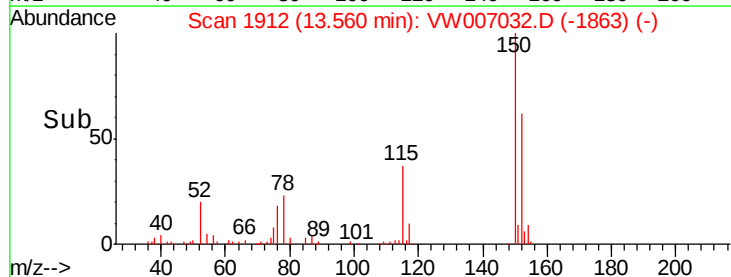
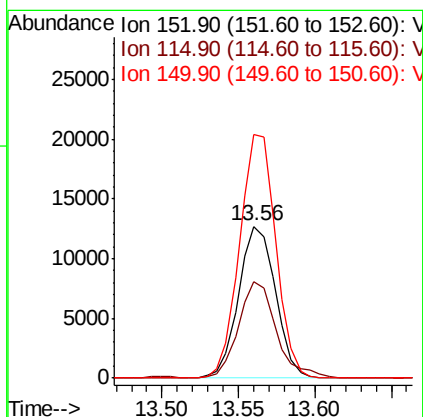
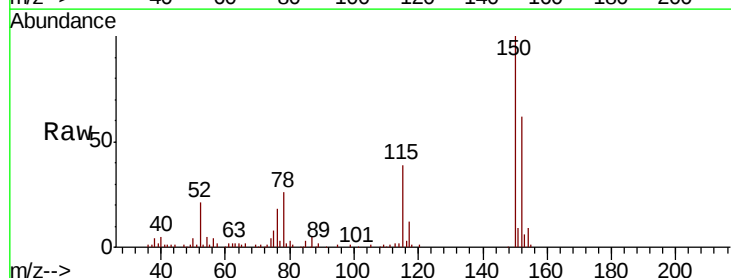
Instrument :
MSVOA_W
ClientSampleId :
DISPOSAL-WASTE-CLASSRE

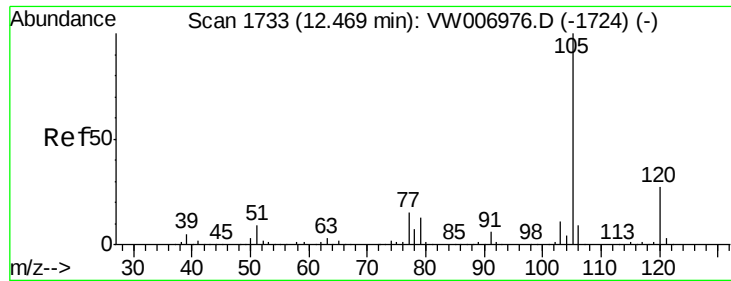
Tot Ion:106 Resp: 2955
Ion Ratio Lower Upper
106 100
91 229.3 107.9 323.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007032.D
Acq: 22 Nov 2018 07:08

Tgt Ion:152 Resp: 21291
Ion Ratio Lower Upper
152 100
115 65.2 31.4 94.2
150 157.6 0.0 353.4





#73

Isopropylbenzene

Concen: 1.291 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007032.D

Acq: 22 Nov 2018 07:08

Instrument :

MSVOA_W

ClientSampleId :

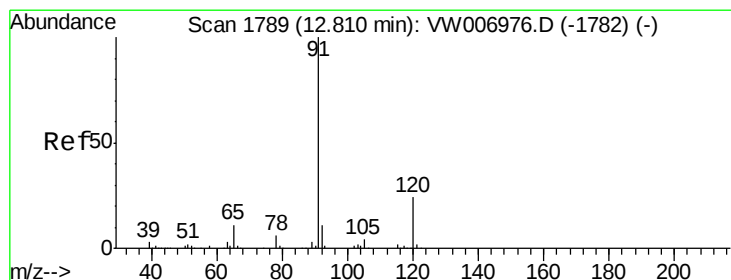
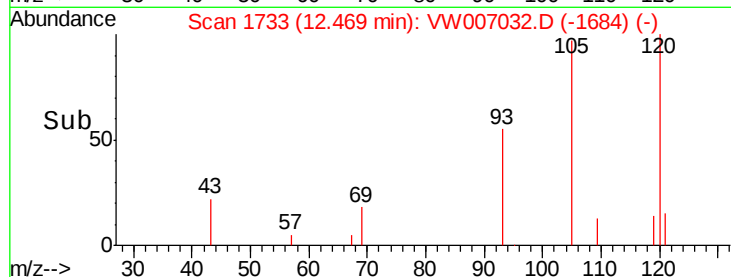
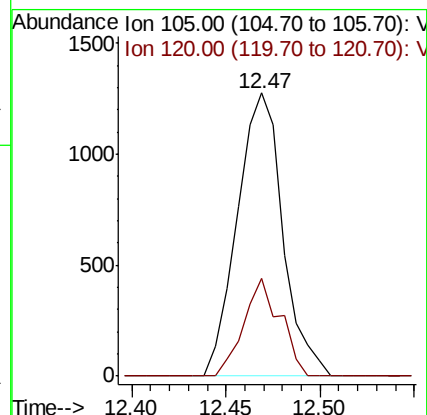
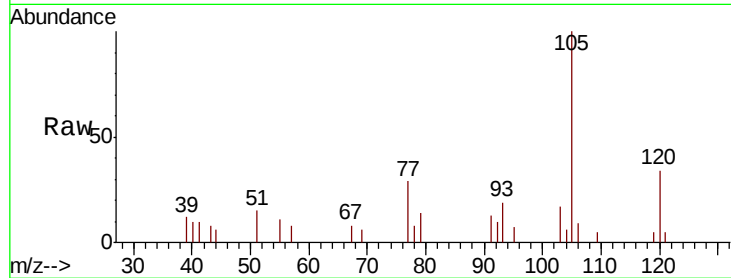
DISPOSAL-WASTE-CLASSRE

Tot Ion:105 Resp: 2136

Ion Ratio Lower Upper

105 100

120 27.7 13.3 39.8



#78

n-propylbenzene

Concen: 4.866 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007032.D

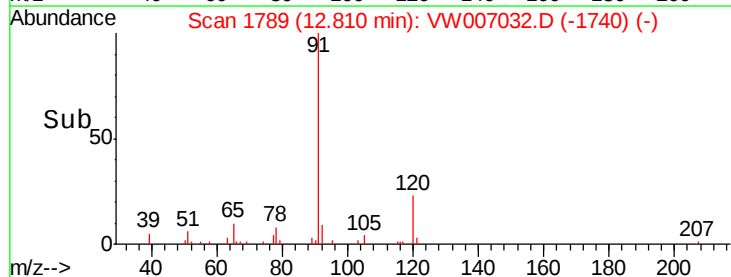
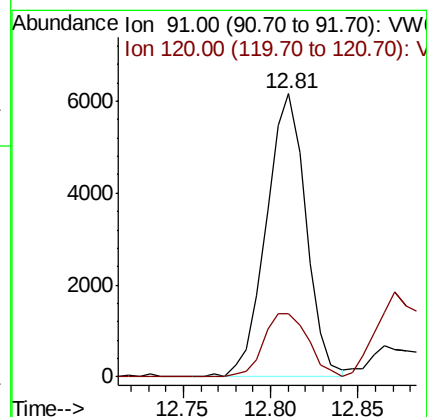
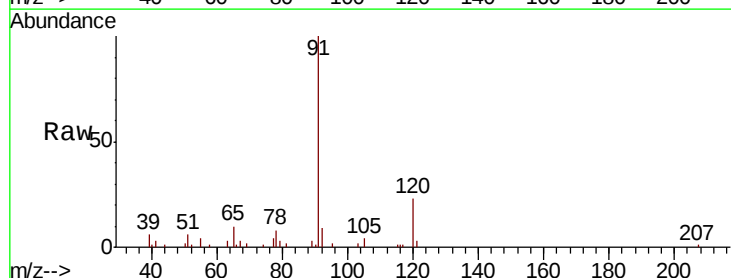
Acq: 22 Nov 2018 07:08

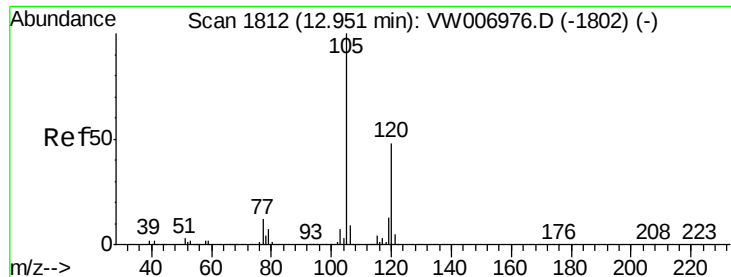
Tgt Ion: 91 Resp: 9753

Ion Ratio Lower Upper

91 100

120 24.9 11.7 35.1

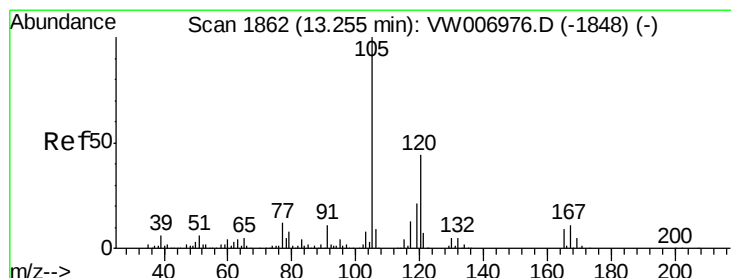
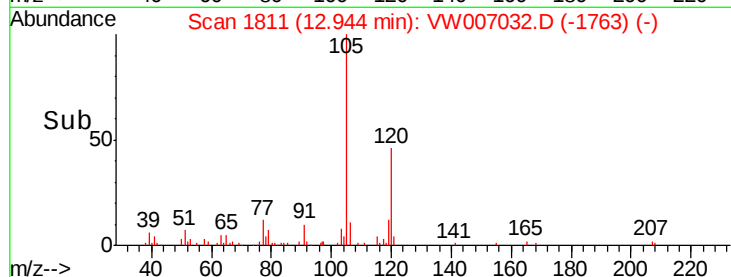
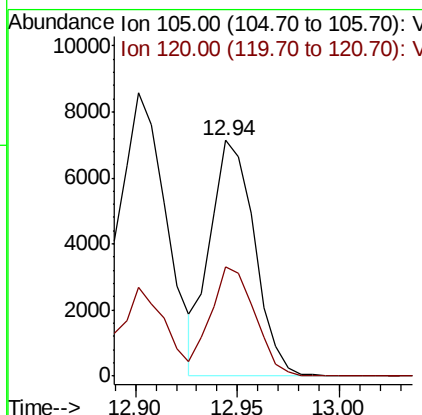
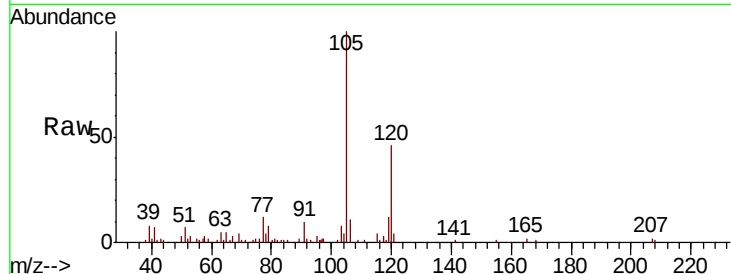




#80
 1,3,5-Trimethylbenzene
 Concen: 7.531 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW007032.D
 Acq: 22 Nov 2018 07:08

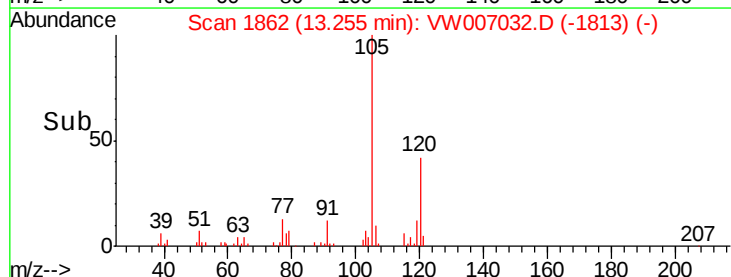
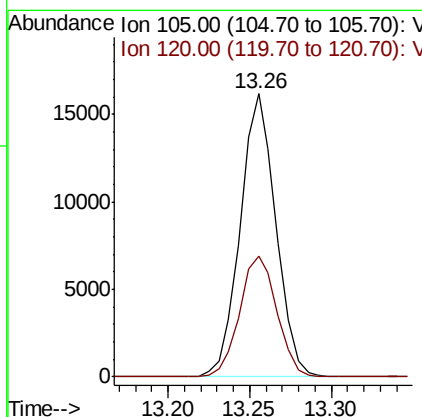
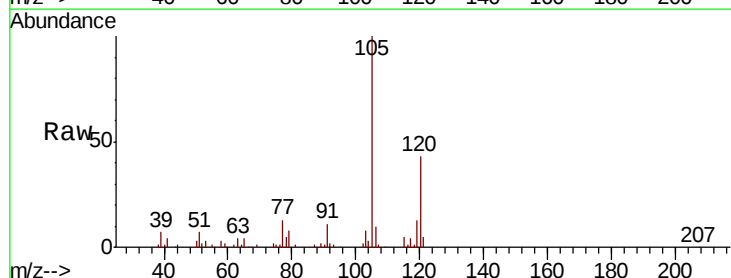
Instrument :
 MSVOA_W
 ClientSampleId :
 DISPOSAL-WASTE-CLASSRE

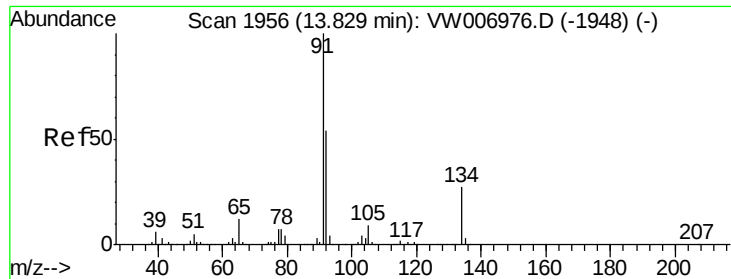
Tot Ion:105 Resp: 10776
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.8 71.2



#84
 1,2,4-Trimethylbenzene
 Concen: 17.180 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007032.D
 Acq: 22 Nov 2018 07:08

Tgt Ion:105 Resp: 24493
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.8 65.3

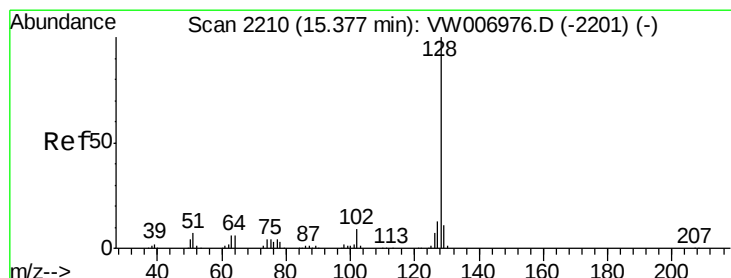
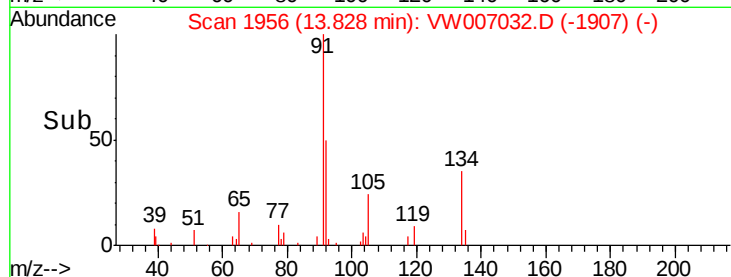
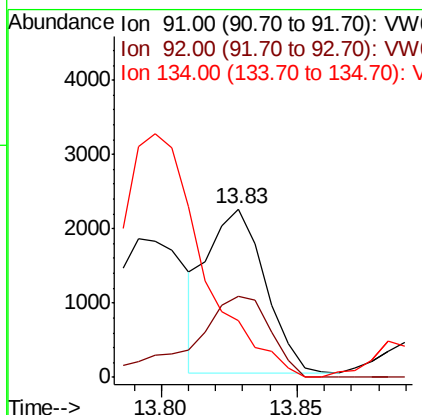
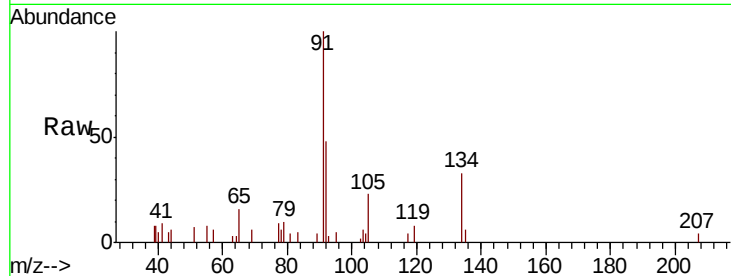




#89
n-Butylbenzene
Concen: 2.208 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007032.D
Acq: 22 Nov 2018 07:08

Instrument :
MSVOA_W
ClientSampleId :
DISPOSAL-WASTE-CLASSRE

Tot Ion: 91 Resp: 3208
Ion Ratio Lower Upper
91 100
92 65.7 26.8 80.4
134 0.0 13.3 39.8#



#95
Naphthalene
Concen: 8.122 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007032.D
Acq: 22 Nov 2018 07:08

Tgt Ion: 128 Resp: 6181
Ion Ratio Lower Upper
128 100
127 15.6 10.5 15.7
129 15.4 8.7 13.1#

