

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW062420\
 Data File : VW015676.D
 Acq On : 24 Jun 2020 12:16
 Operator : SY/VA
 Sample : L3020-16
 Misc : 6.93G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MW-27(13-15)

Quant Time: Jul 01 12:20:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

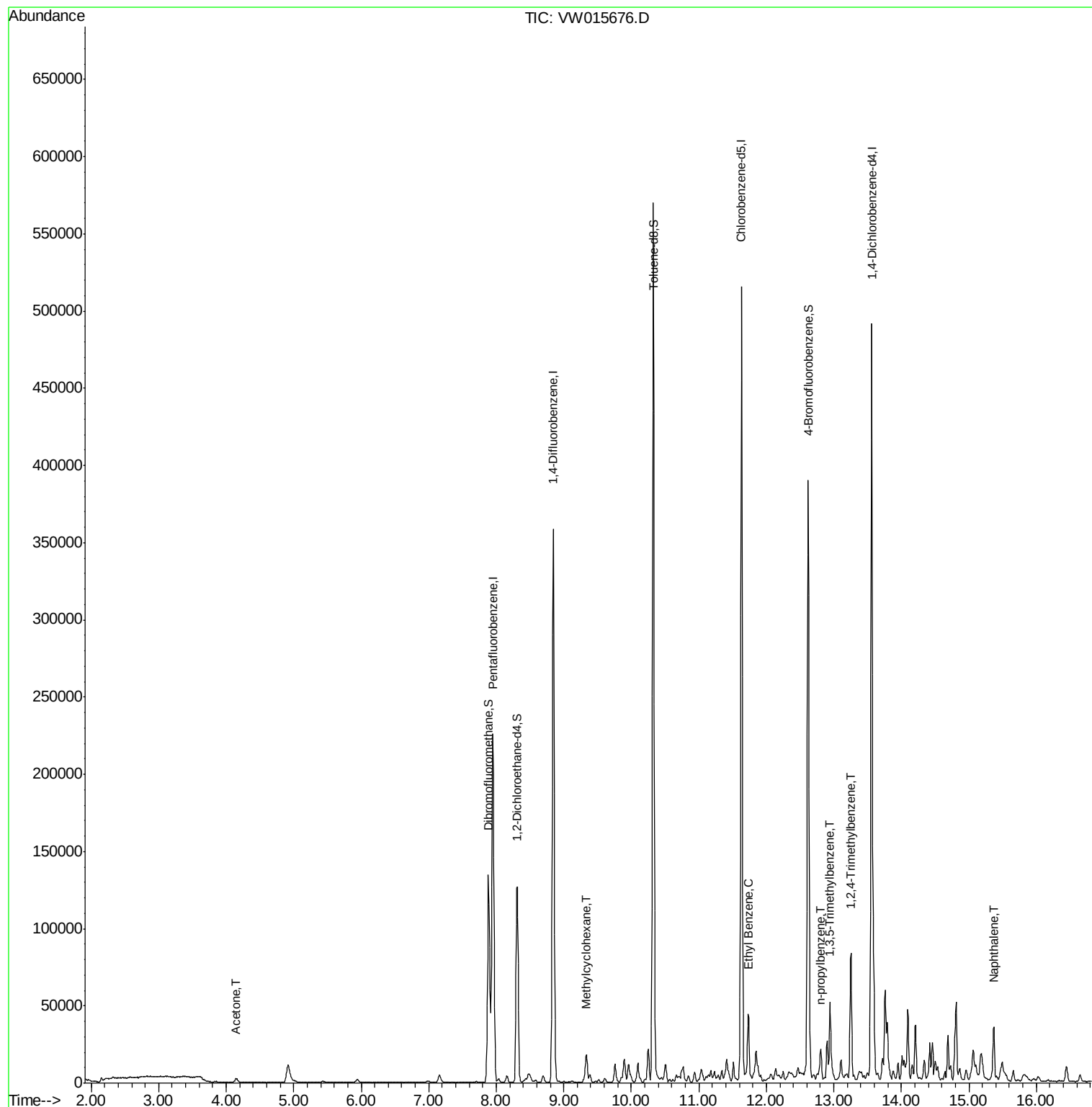
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	165418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	104811	56.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.90%	
35) Dibromofluoromethane	7.88	113	94531	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	10.32	98	370866	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	124412	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
16) Acetone	4.15	43	4941	14.122	ug/l	91
39) Methylcyclohexane	9.34	83	4855	1.304	ug/l #	84
67) Ethyl Benzene	11.73	91	28449	2.676	ug/l	98
78) n-propylbenzene	12.80	91	15088	1.372	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	23337	3.014	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	44370	5.746	ug/l	99
95) Naphthalene	15.37	128	29197	7.643	ug/l	100

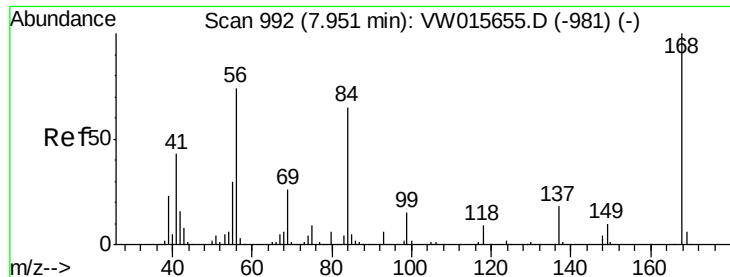
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015676.D

Acq: 24 Jun 2020 12:16

Instrument :

MSVOA_W

ClientSampleId :

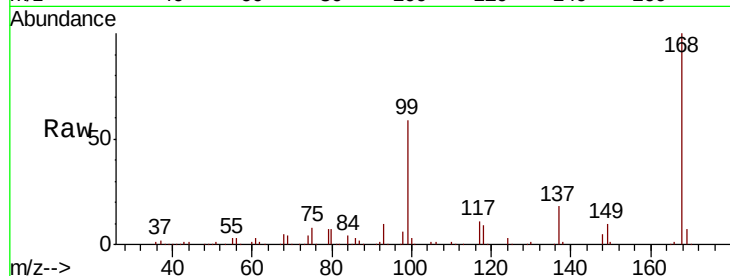
MW-27(13-15)

Tot Ion:168 Resp: 165418

Ion Ratio Lower Upper

168 100

99 58.6 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

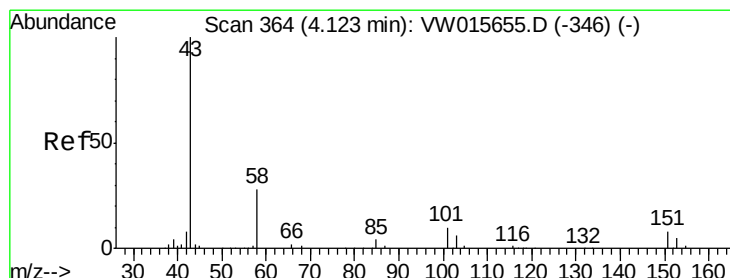
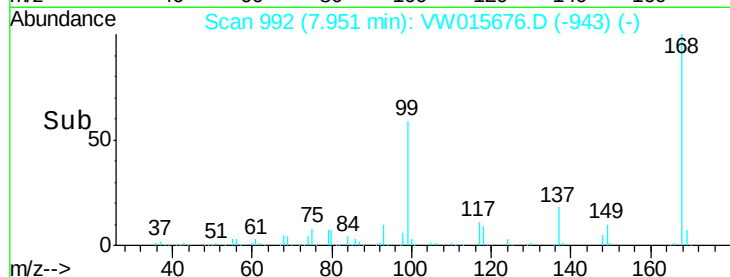
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 14.122 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW015676.D

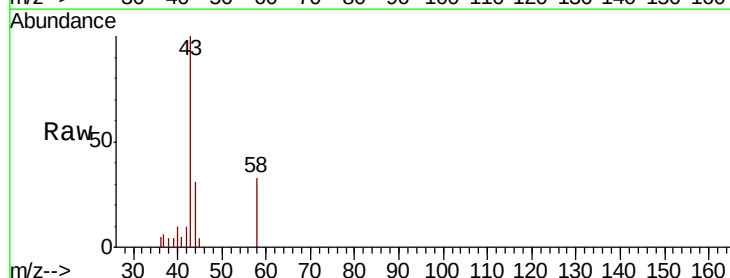
Acq: 24 Jun 2020 12:16

Tgt Ion: 43 Resp: 4941

Ion Ratio Lower Upper

43 100

58 32.8 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

1500

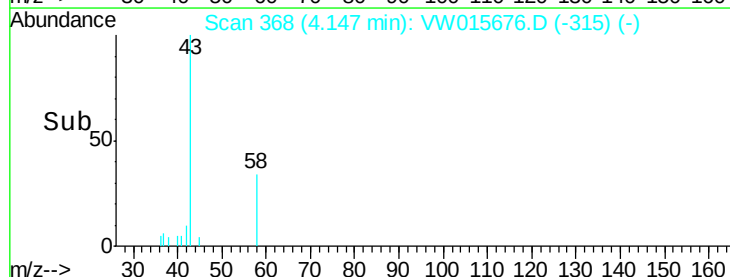
1000

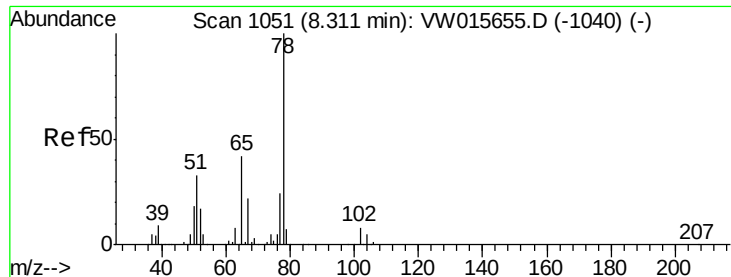
500

0

4.05 4.10 4.15 4.20 4.25

Time-->

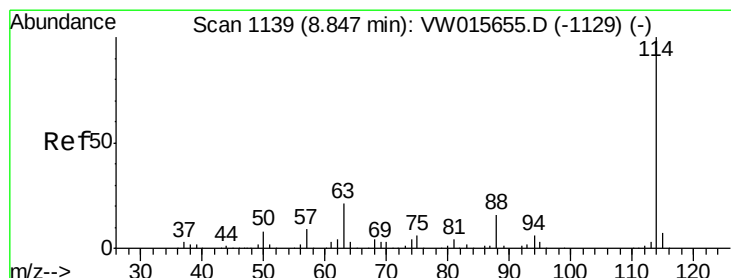
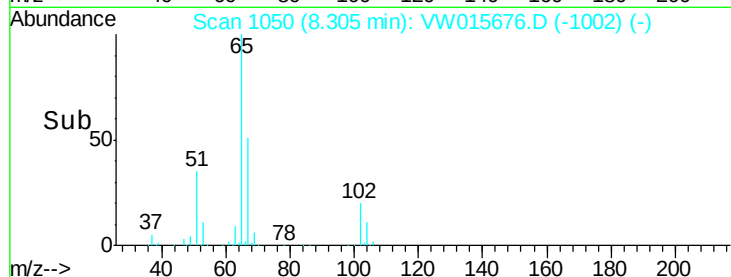
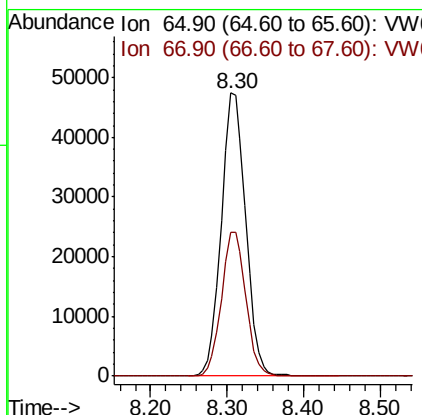
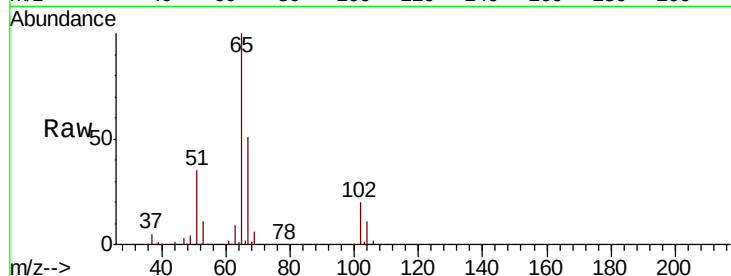




#33
 1,2-Dichloroethane-d4
 Concen: 56.947 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015676.D
 Acq: 24 Jun 2020 12:16

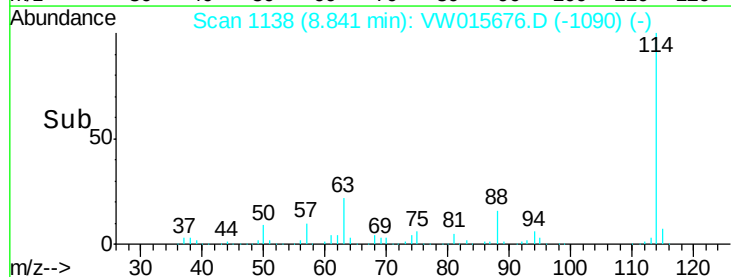
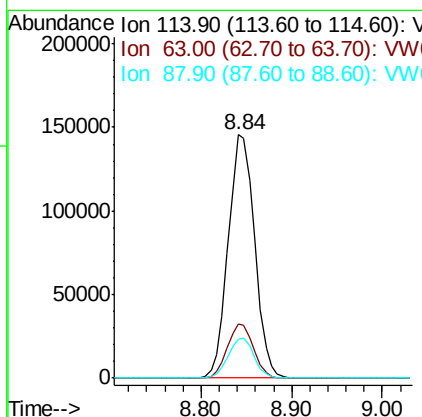
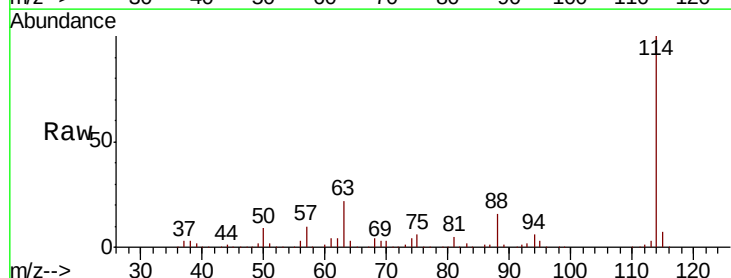
Instrument :
 MSVOA_W
 ClientSampleId :
 MW-27(13-15)

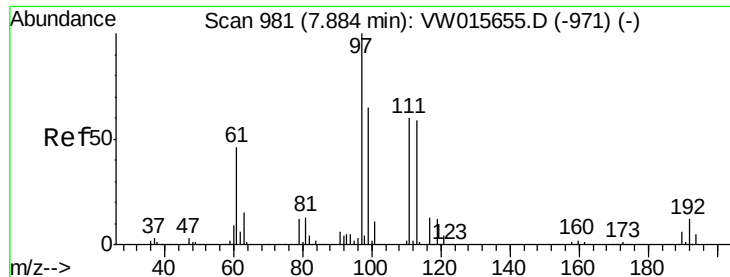
Tot Ion: 65 Resp: 104811
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015676.D
 Acq: 24 Jun 2020 12:16

Tgt Ion: 114 Resp: 295429
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 42.4
 88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.869 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015676.D

Acq: 24 Jun 2020 12:16

Instrument :

MSVOA_W

ClientSampleId :

MW-27(13-15)

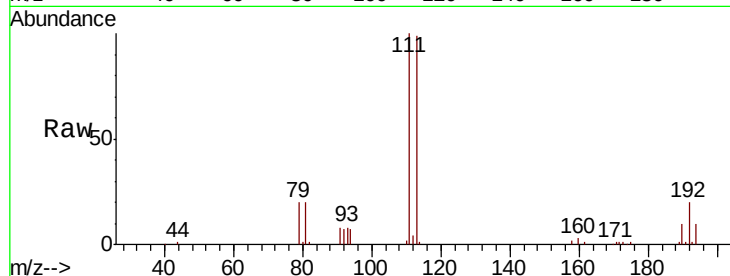
Tot Ion:113 Resp: 94531

Ion Ratio Lower Upper

113 100

111 101.2 82.3 123.5

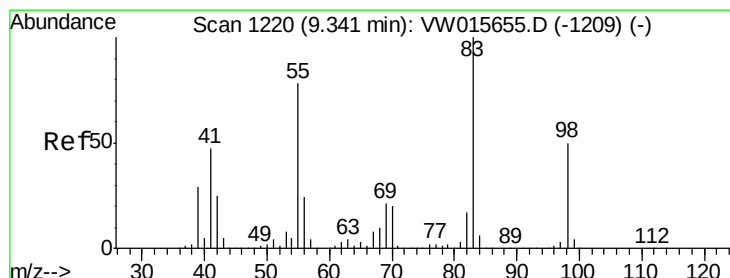
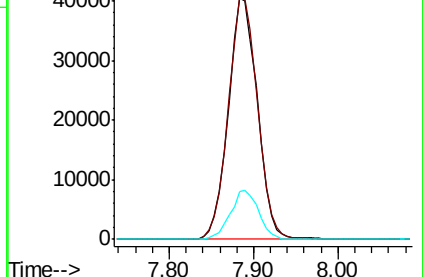
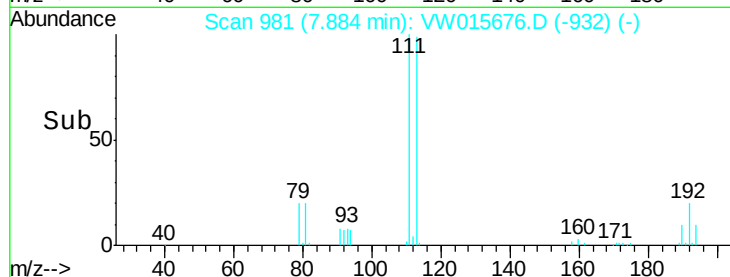
192 19.8 16.4 24.6



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: 1.304 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW015676.D

Acq: 24 Jun 2020 12:16

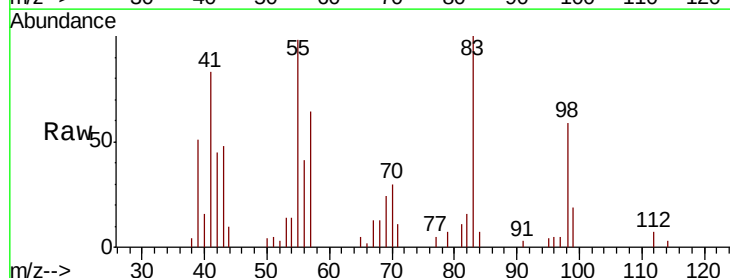
Tgt Ion: 83 Resp: 4855

Ion Ratio Lower Upper

83 100

55 94.8 62.8 94.2#

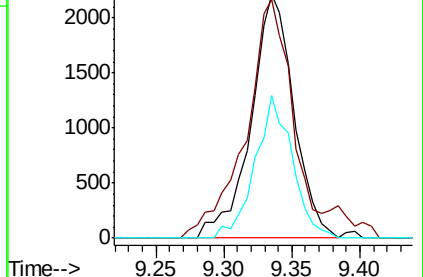
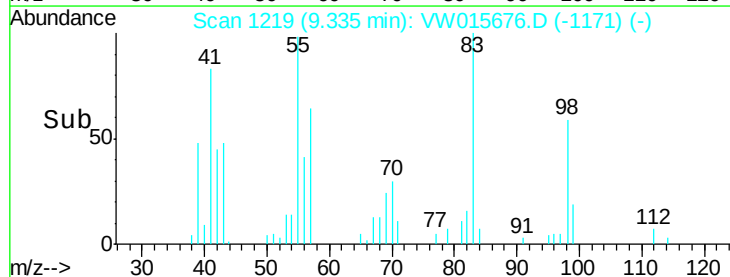
98 58.8 39.9 59.9

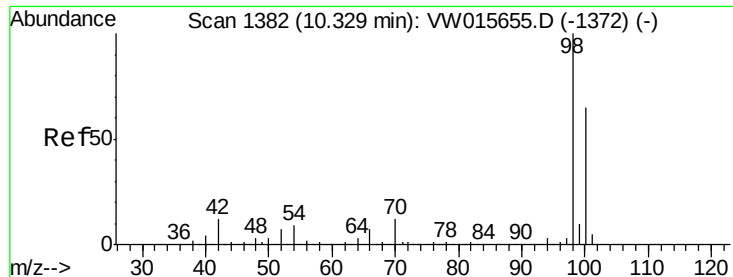


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

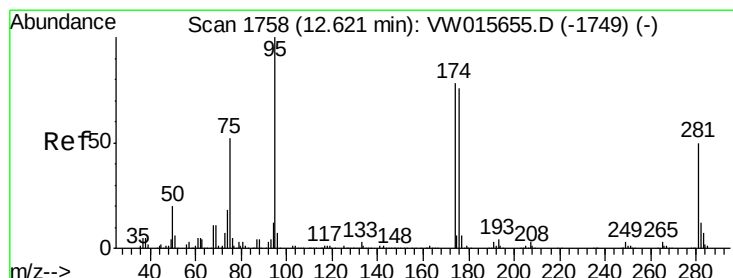
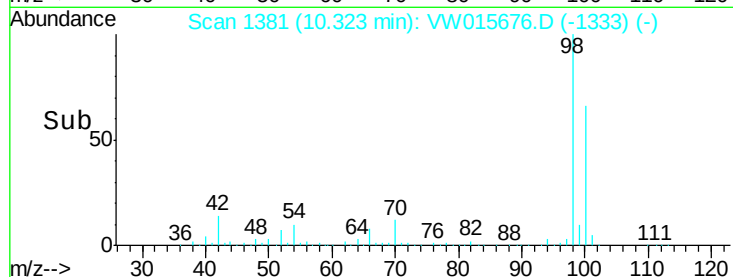
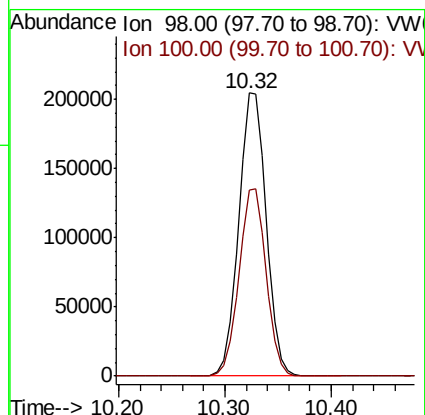
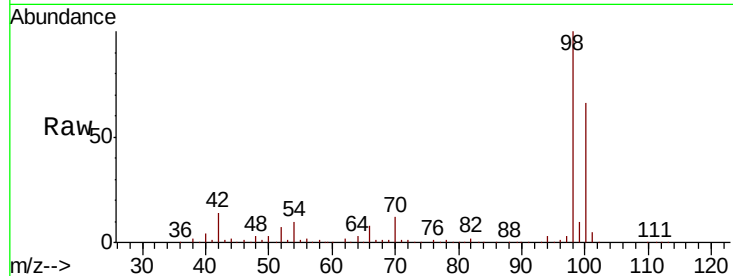




#50
Toluene-d8
Concen: 50.711 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

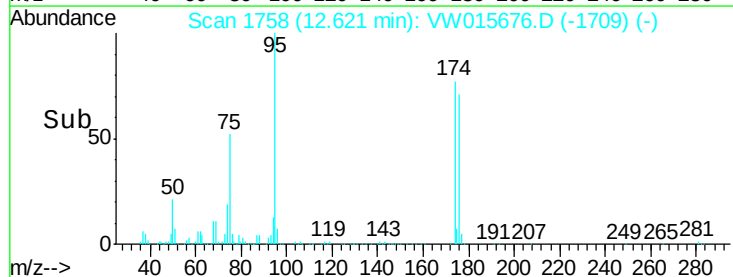
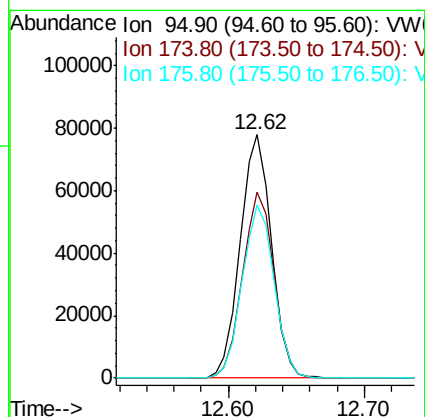
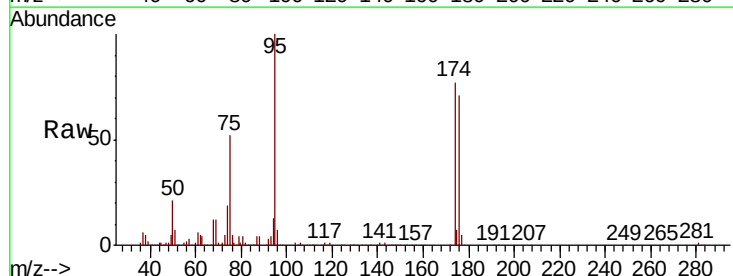
Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

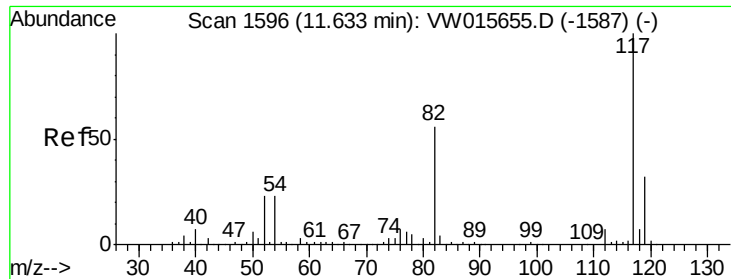
Tot Ion: 98 Resp: 370866
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.193 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion: 95 Resp: 124412
Ion Ratio Lower Upper
95 100
174 77.5 0.0 157.0
176 73.3 0.0 151.4

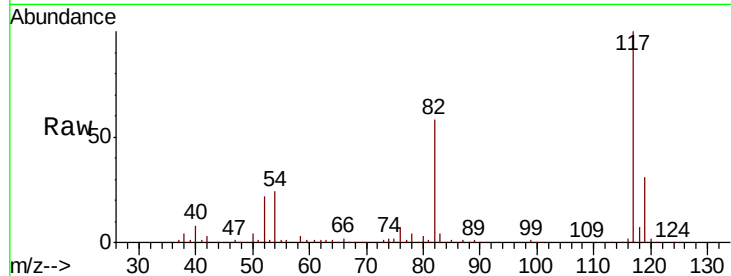




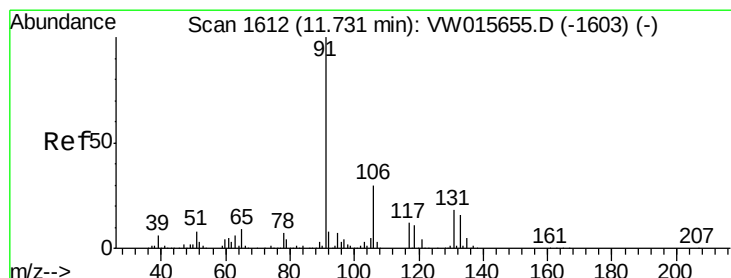
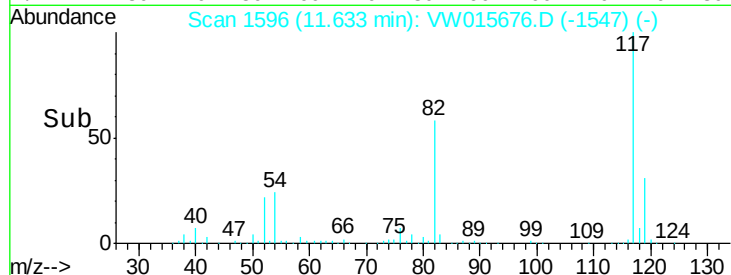
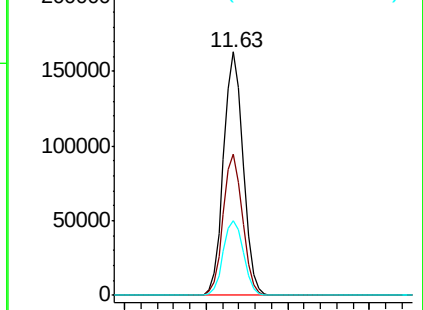
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tot Ion:117 Resp: 270967
Ion Ratio Lower Upper
117 100
82 57.8 45.1 67.7
119 30.9 25.8 38.8

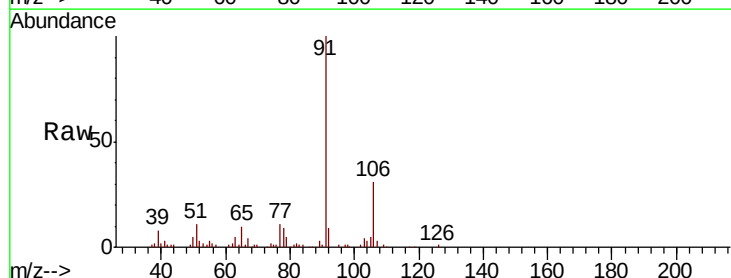


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

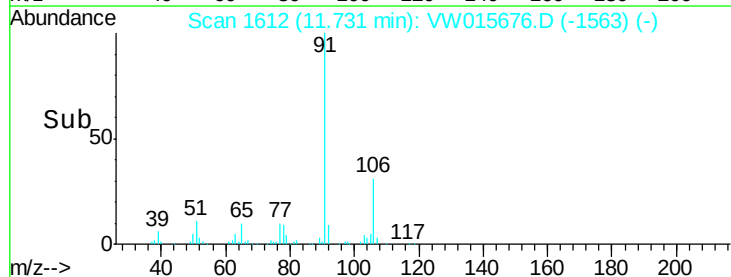
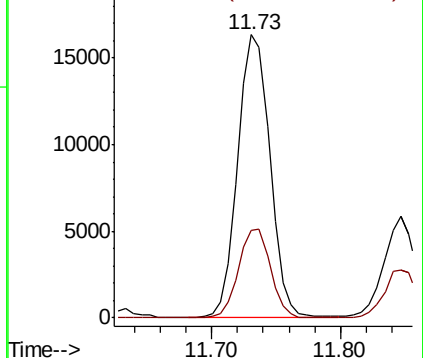


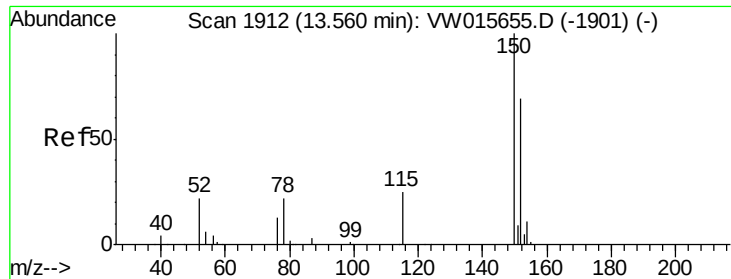
#67
Ethyl Benzene
Concen: 2.676 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion: 91 Resp: 28449
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1



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



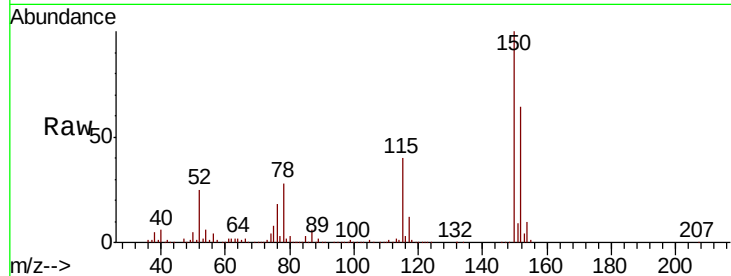


#72

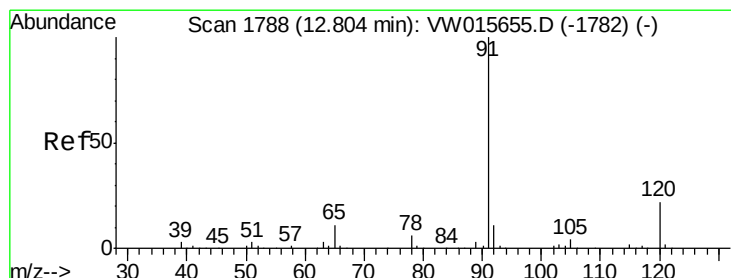
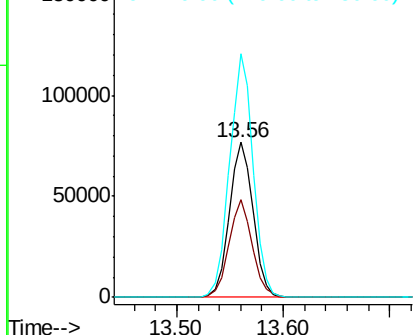
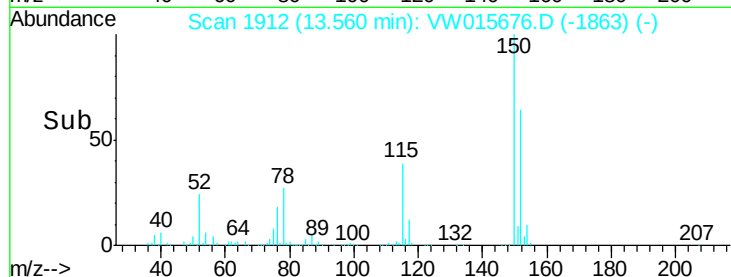
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tot Ion:152 Resp: 119801
Ion Ratio Lower Upper
152 100
115 62.3 30.1 90.5
150 155.7 0.0 345.6



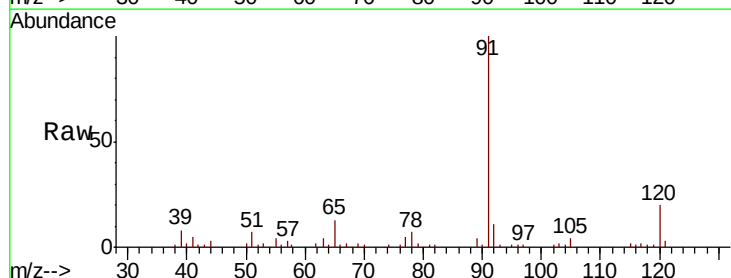
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



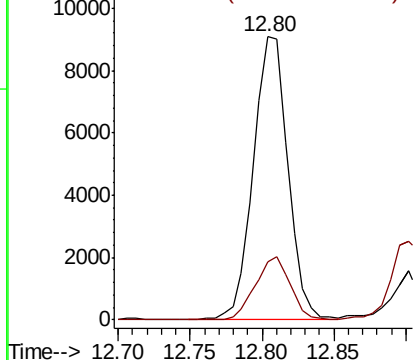
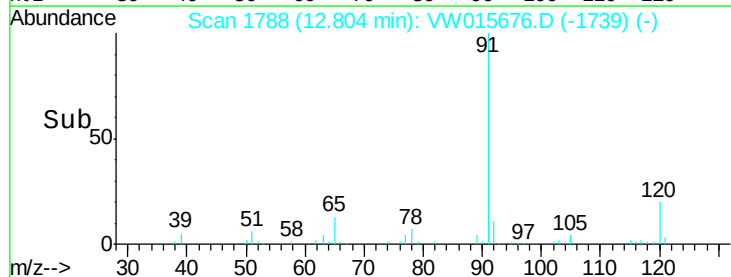
#78

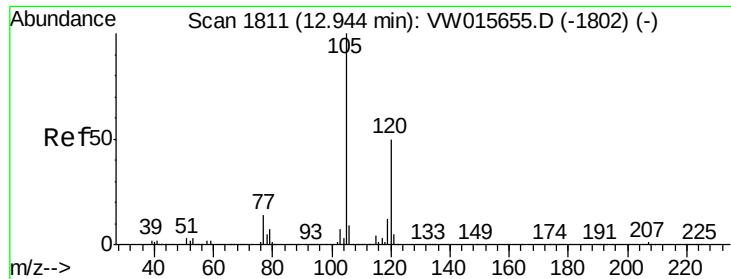
n-propylbenzene
Concen: 1.372 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion: 91 Resp: 15088
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V

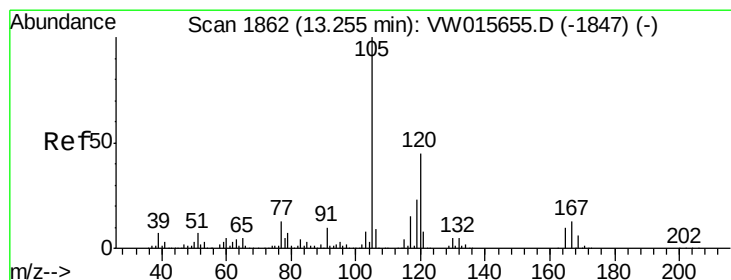
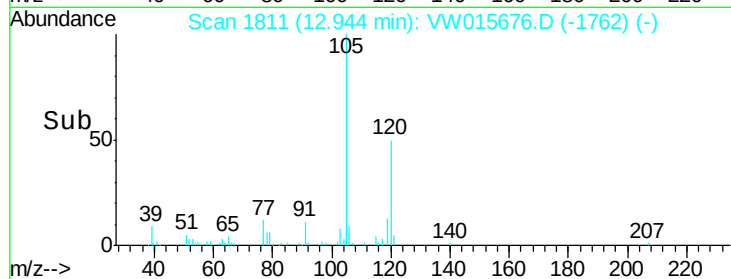
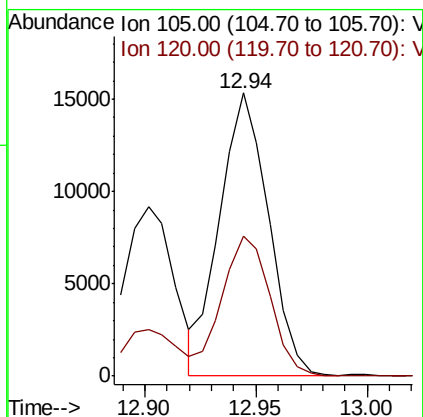
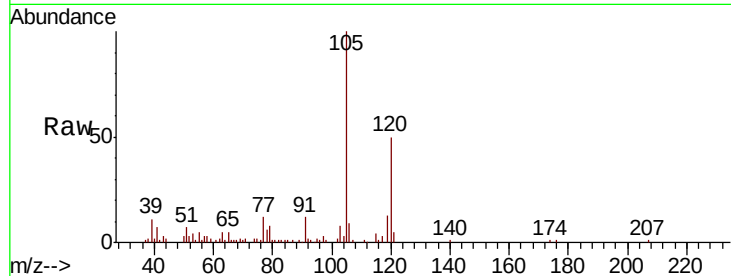




#80
 1,3,5-Trimethylbenzene
 Concen: 3.014 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW015676.D
 Acq: 24 Jun 2020 12:16

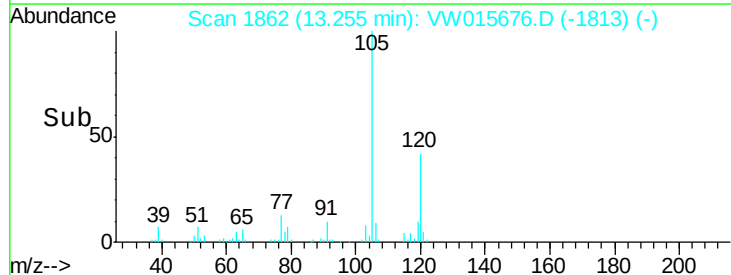
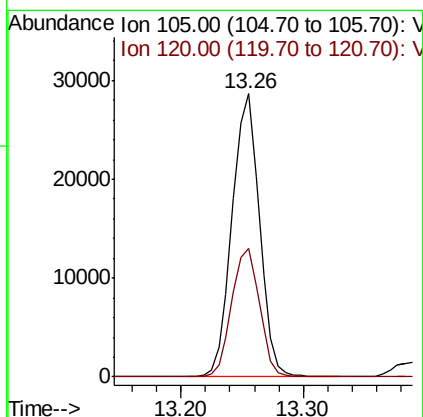
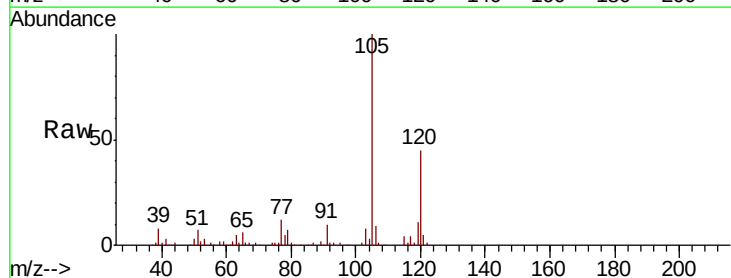
Instrument :
 MSVOA_W
 ClientSampleId :
 MW-27(13-15)

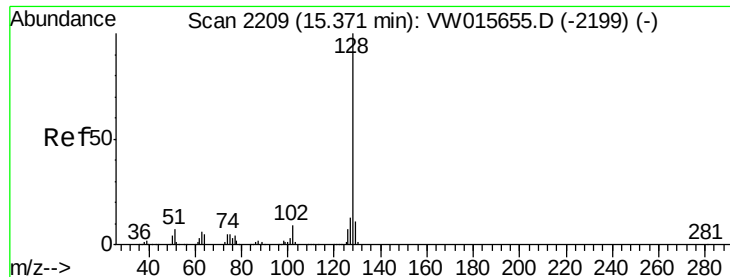
Tot Ion:105 Resp: 23337
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 5.746 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW015676.D
 Acq: 24 Jun 2020 12:16

Tgt Ion:105 Resp: 44370
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.8 68.3





#95

Naphthalene

Concen: 7.643 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW015676.D

Acq: 24 Jun 2020 12:16

Instrument :

MSVOA_W

ClientSampleId :

MW-27(13-15)

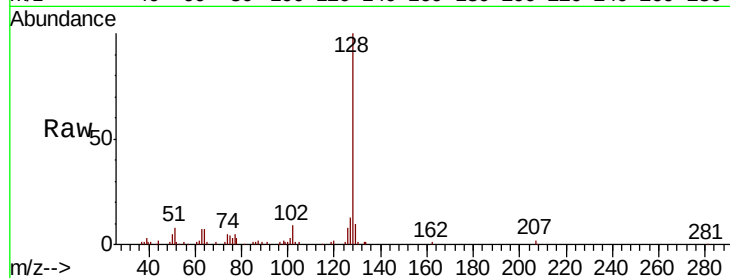
Tot Ion:128 Resp: 29197

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

