

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007810.D
 Acq On : 21 Dec 2018 22:00
 Operator : SY/AP
 Sample : J6392-17
 Misc : 5.91G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)

Quant Time: Dec 22 03:01:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

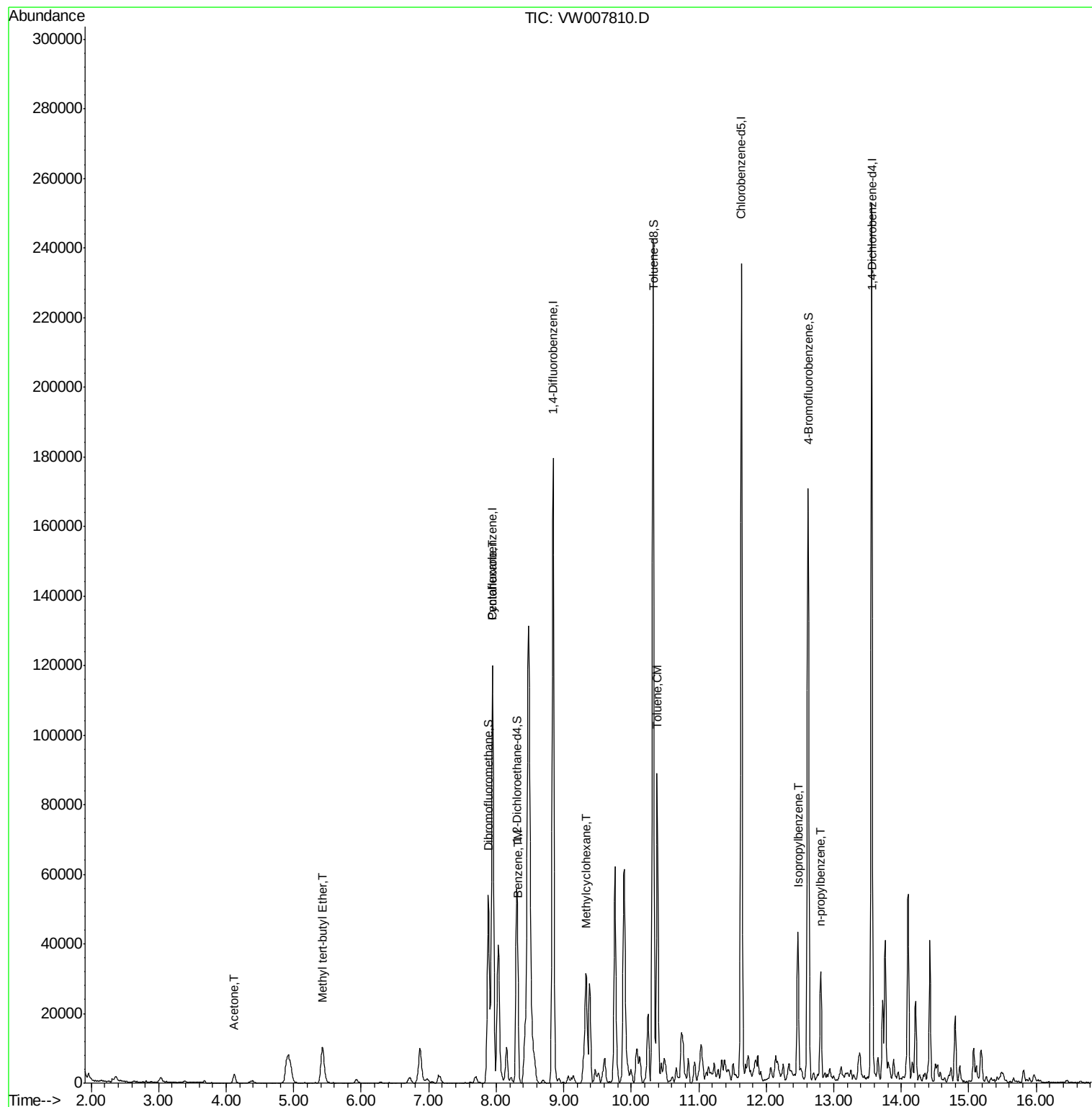
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	88389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	147664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	133121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	44907	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
35) Dibromofluoromethane	7.88	113	40018	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
50) Toluene-d8	10.32	98	157514	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
62) 4-Bromofluorobenzene	12.62	95	60858	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	4057	22.363	ug/l #	85
19) Methyl tert-butyl Ether	5.42	73	4953	3.956	ug/l #	1
31) Cyclohexane	7.94	56	3120	2.163	ug/l #	59
39) Methylcyclohexane	9.34	83	6417	3.623	ug/l #	82
40) Benzene	8.32	78	4744	1.247	ug/l	99
52) Toluene	10.39	92	39556	15.502	ug/l	100
73) Isopropylbenzene	12.47	105	27041	5.491	ug/l	100
78) n-propylbenzene	12.81	91	24582	4.288	ug/l	100

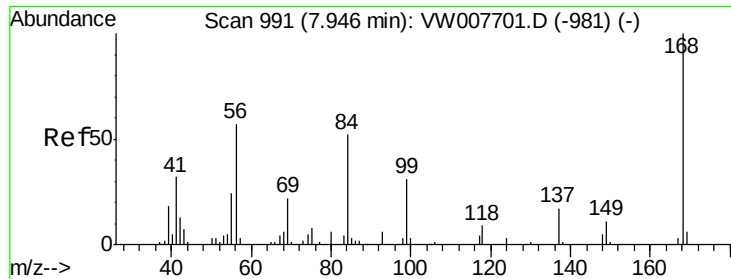
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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KY001SB106-121218-(8-10)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
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: VW007810.D

Acq: 21 Dec 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

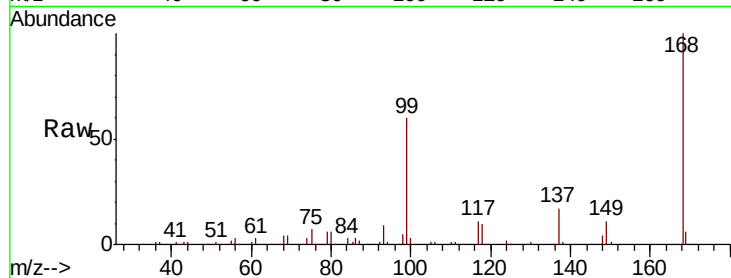
KY001SB106-121218-(8-10)

Tot Ion:168 Resp: 88389

Ion Ratio Lower Upper

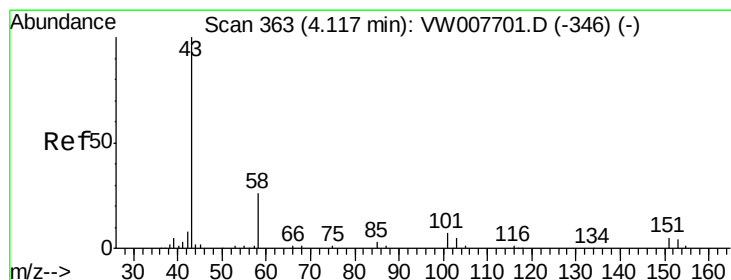
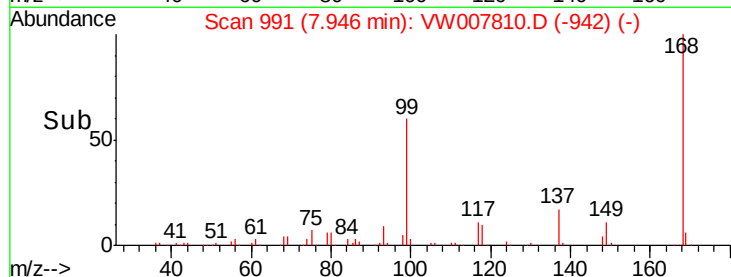
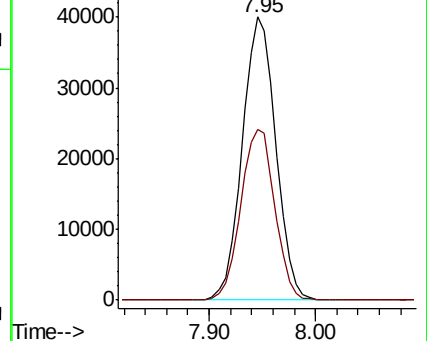
168 100

99 60.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 22.363 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007810.D

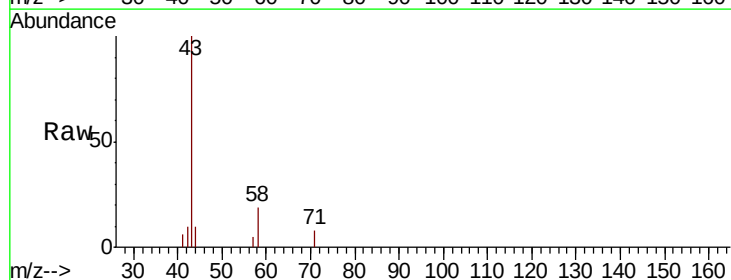
Acq: 21 Dec 2018 22:00

Tgt Ion: 43 Resp: 4057

Ion Ratio Lower Upper

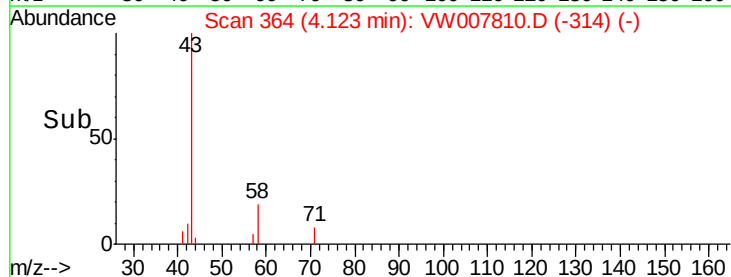
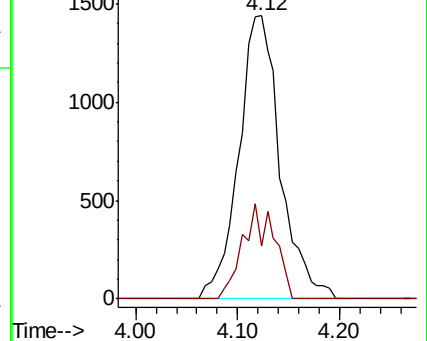
43 100

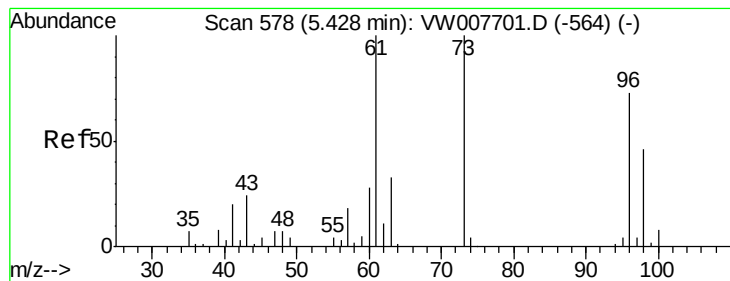
58 18.8 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



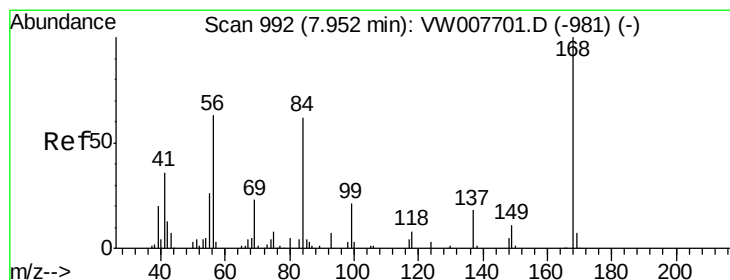
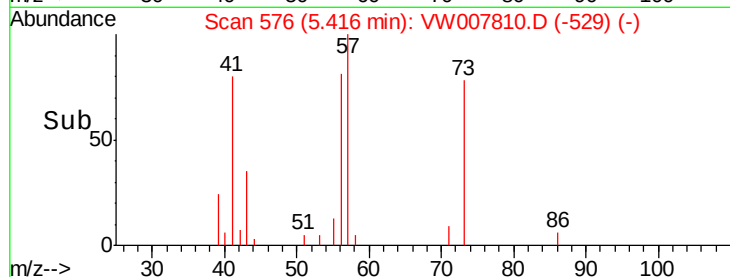
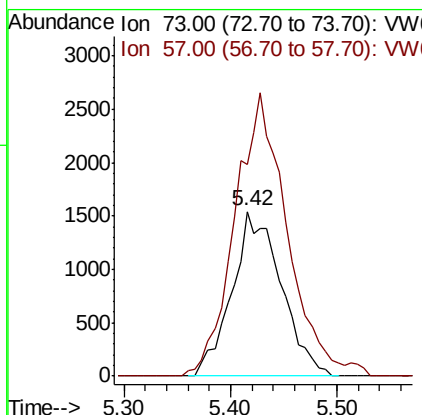
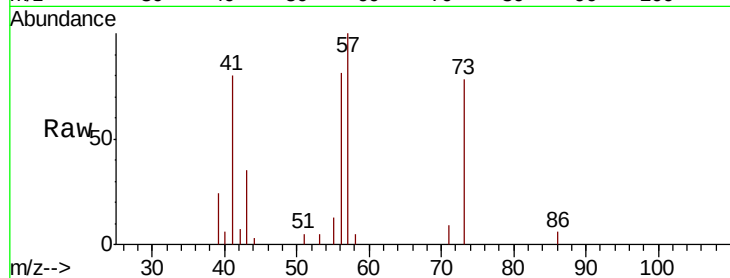


#19

Methyl tert-butyl Ether
 Concen: 3.956 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW007810.D
 Acq: 21 Dec 2018 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)

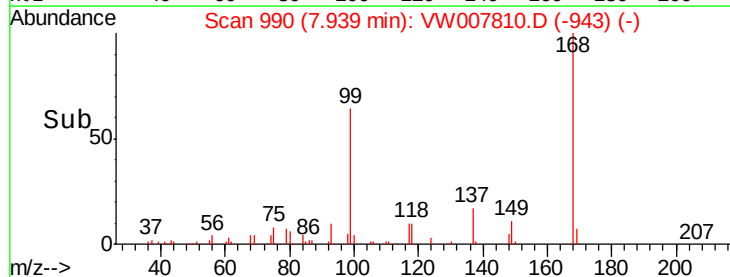
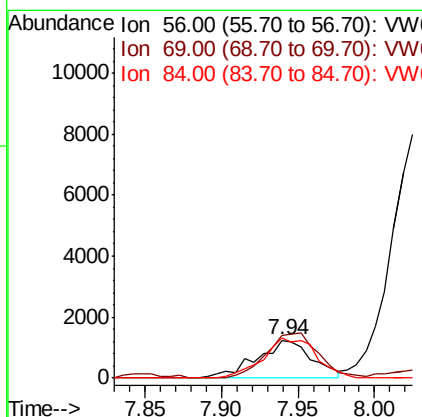
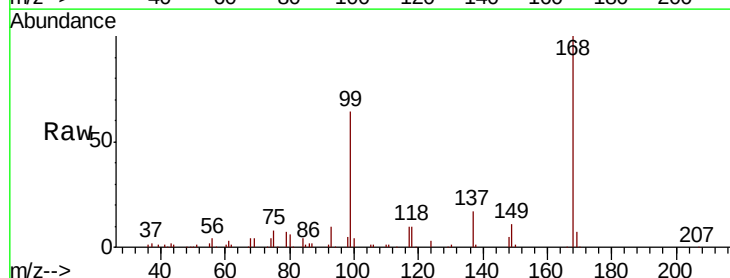
Tot Ion: 73 Resp: 4953
 Ion Ratio Lower Upper
 73 100
 57 124.9 14.7 22.1#

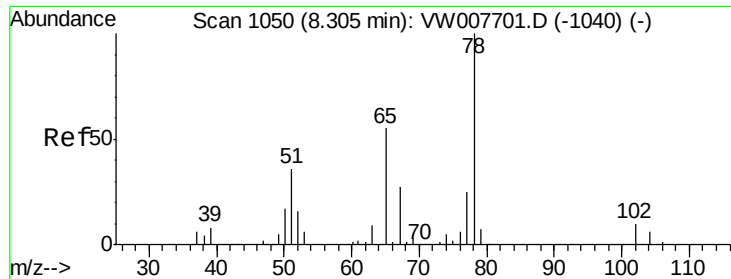


#31

Cyclohexane
 Concen: 2.163 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: VW007810.D
 Acq: 21 Dec 2018 22:00

Tgt Ion: 56 Resp: 3120
 Ion Ratio Lower Upper
 56 100
 69 113.3 29.7 44.5#
 84 106.8 78.9 118.3

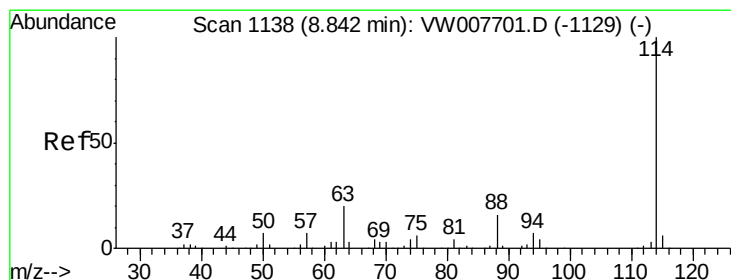
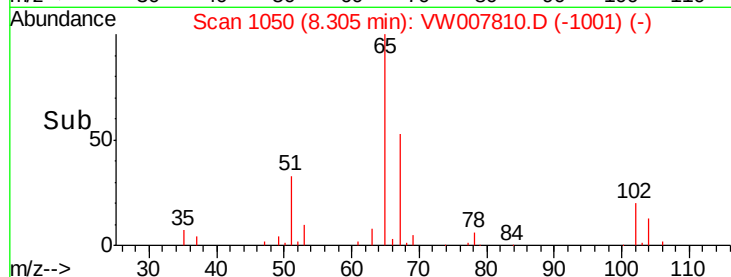
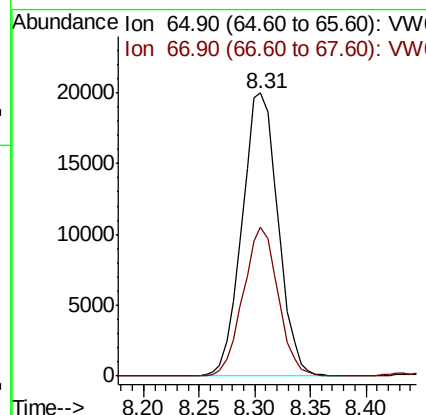
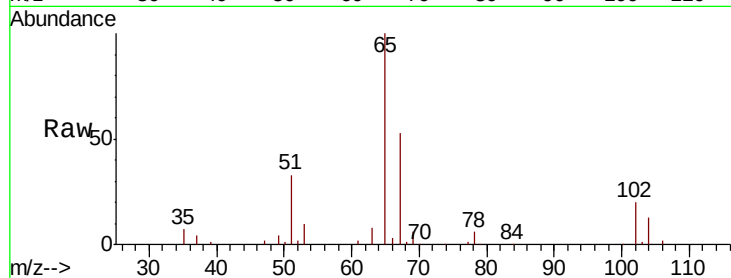




#33
 1,2-Dichloroethane-d4
 Concen: 46.354 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007810.D
 Acq: 21 Dec 2018 22:00

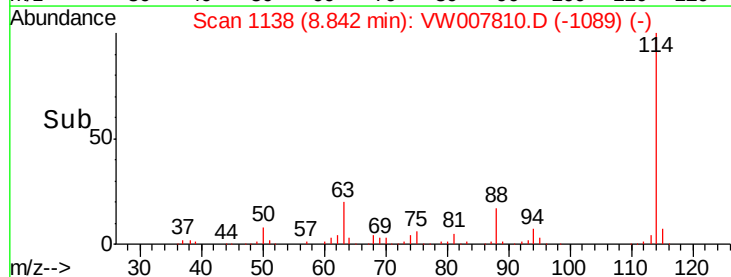
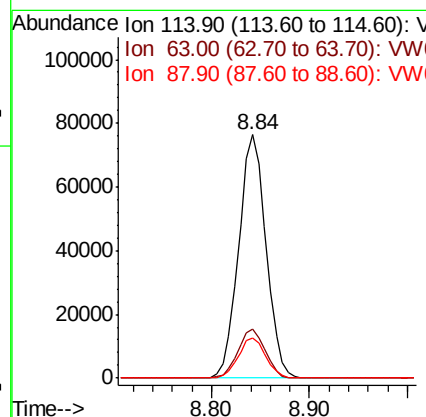
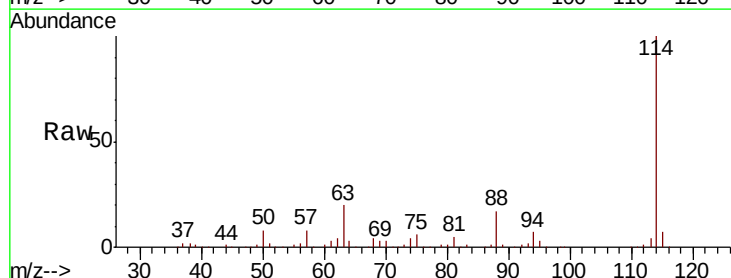
Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)

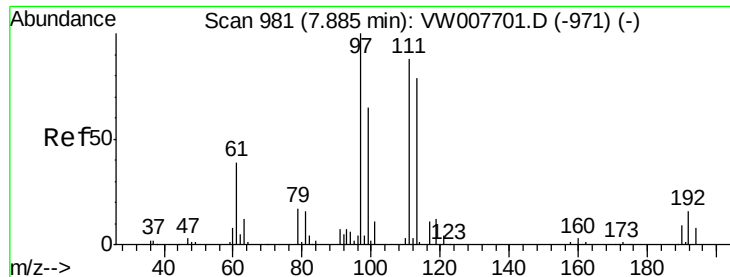
Tot Ion: 65 Resp: 44907
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007810.D
 Acq: 21 Dec 2018 22:00

Tgt Ion: 114 Resp: 147664
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 16.6 0.0 32.6

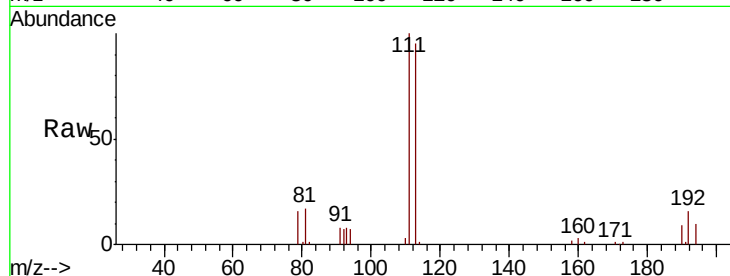




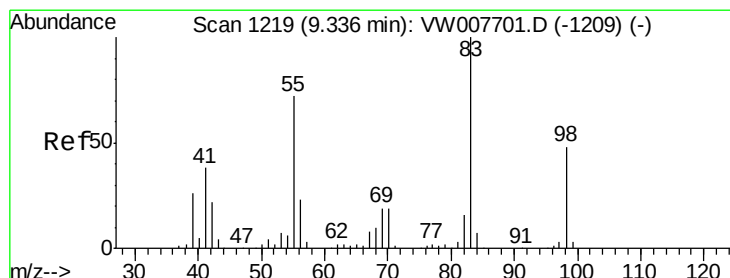
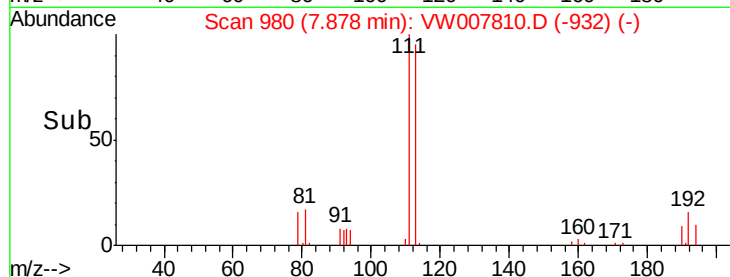
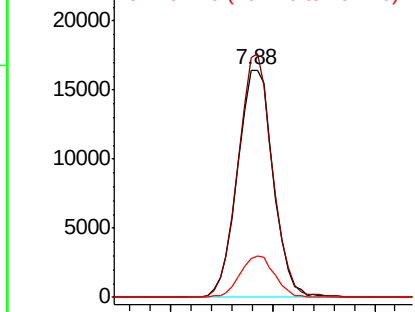
#35
 Dibromofluoromethane
 Concen: 44.424 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007810.D
 Acq: 21 Dec 2018 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)

Tot Ion:113 Resp: 40018
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 124.0
 192 17.6 15.5 23.3

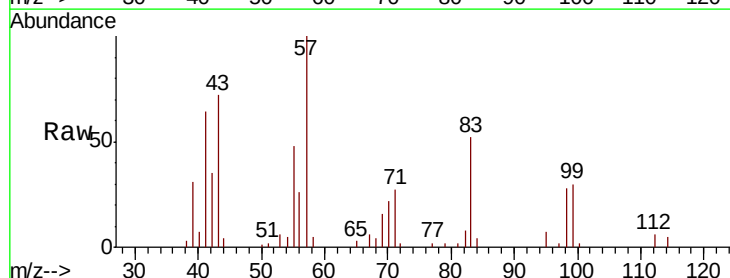


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

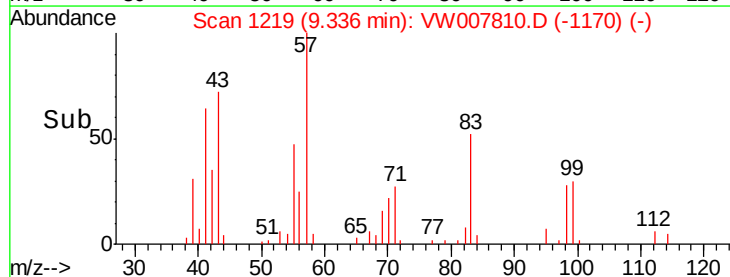
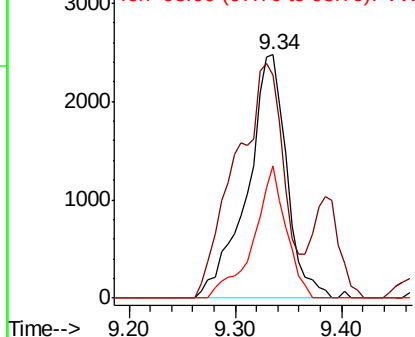


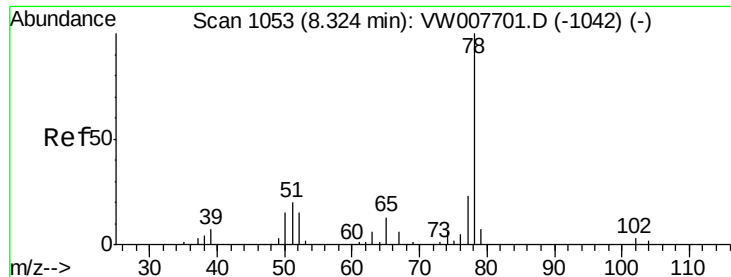
#39
 Methylcyclohexane
 Concen: 3.623 ug/l
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW007810.D
 Acq: 21 Dec 2018 22:00

Tgt Ion: 83 Resp: 6417
 Ion Ratio Lower Upper
 83 100
 55 91.6 57.2 85.8#
 98 54.6 38.6 58.0



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





#40

Benzene

Concen: 1.247 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007810.D

Acq: 21 Dec 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

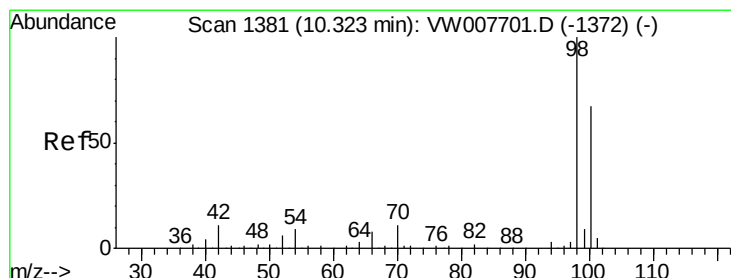
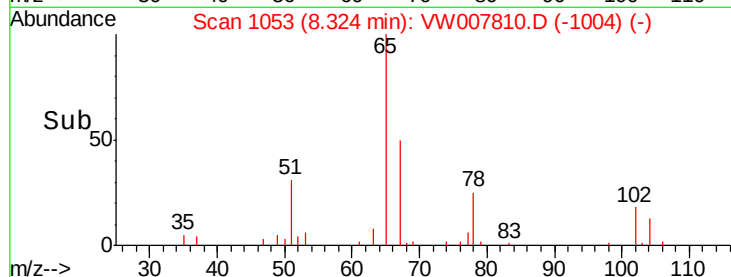
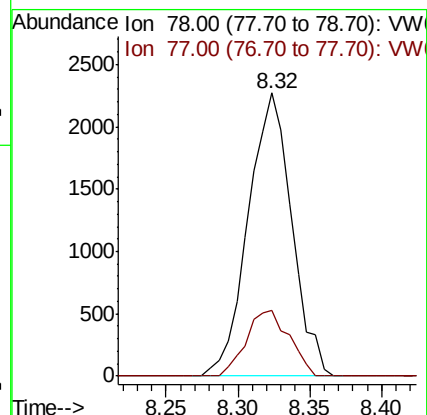
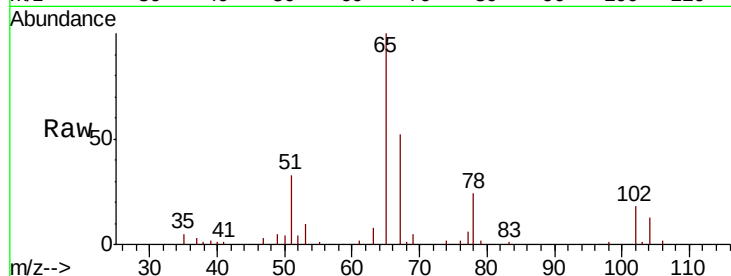
KY001SB106-121218-(8-10)

Tot Ion: 78 Resp: 4744

Ion Ratio Lower Upper

78 100

77 23.0 18.7 28.1



#50

Toluene-d8

Concen: 46.382 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007810.D

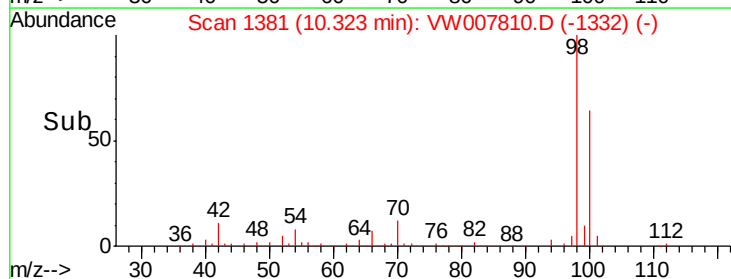
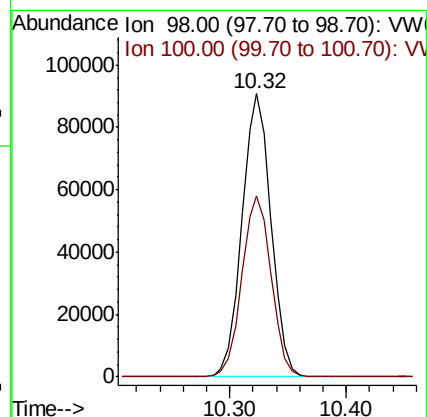
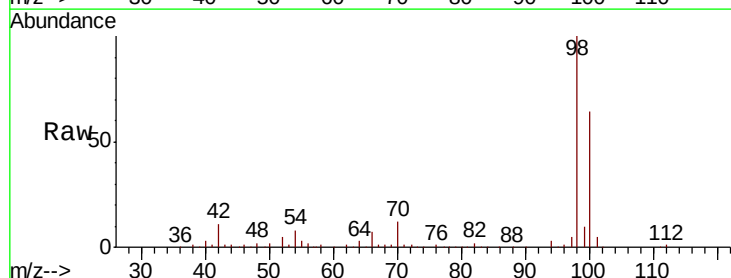
Acq: 21 Dec 2018 22:00

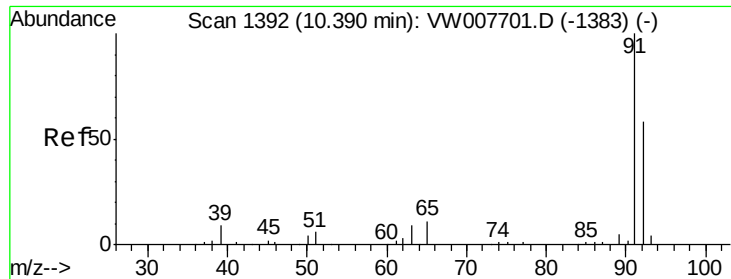
Tgt Ion: 98 Resp: 157514

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2





#52

Toluene

Concen: 15.502 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007810.D

Acq: 21 Dec 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

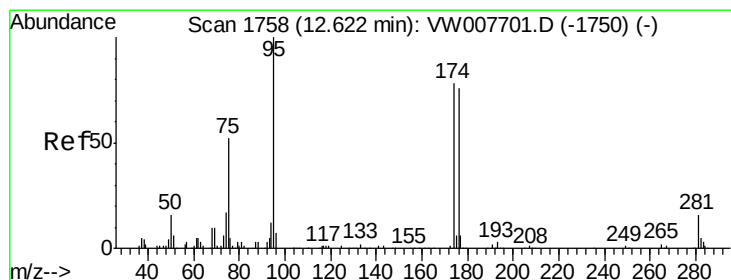
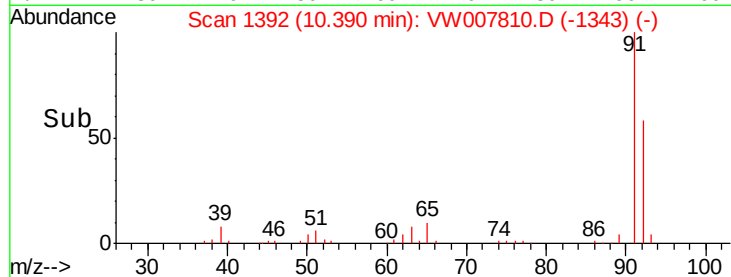
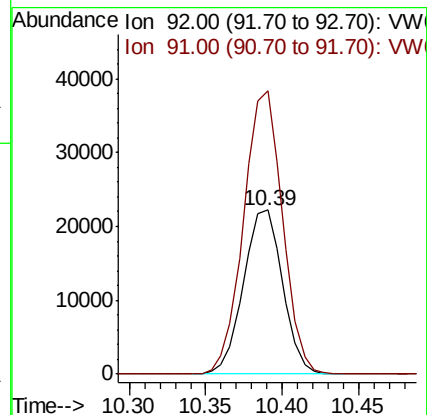
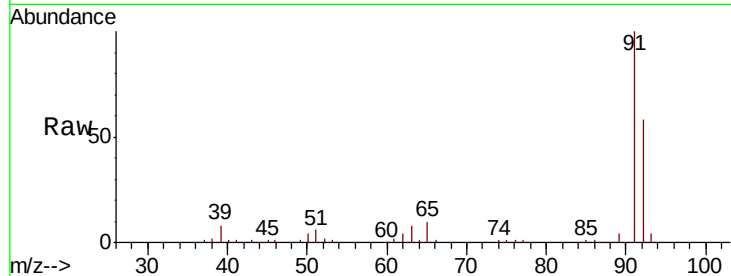
KY001SB106-121218-(8-10)

Tot Ion: 92 Resp: 39556

Ion Ratio Lower Upper

92 100

91 171.6 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 46.388 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007810.D

Acq: 21 Dec 2018 22:00

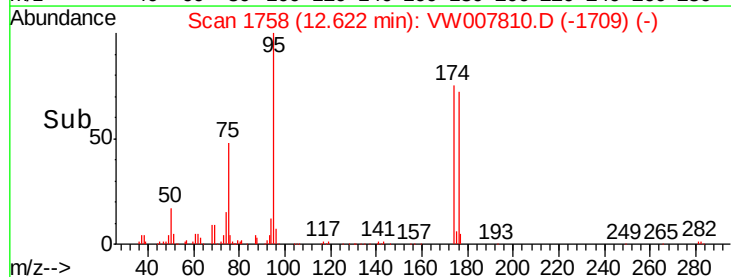
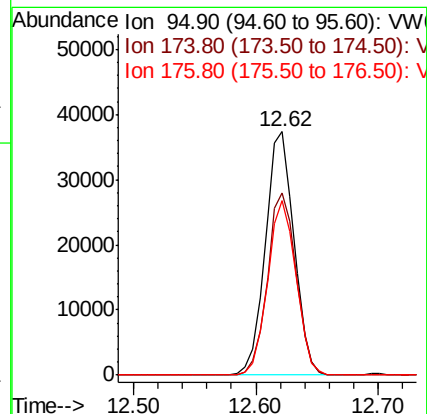
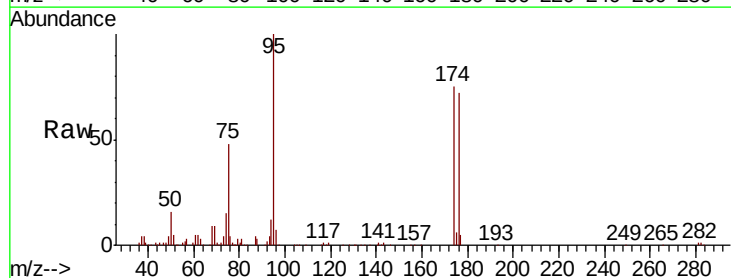
Tgt Ion: 95 Resp: 60858

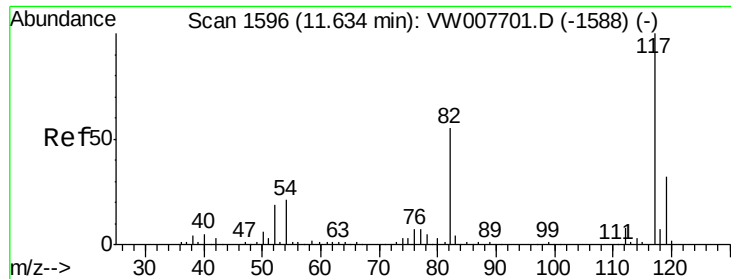
Ion Ratio Lower Upper

95 100

174 75.0 0.0 152.2

176 71.1 0.0 146.8

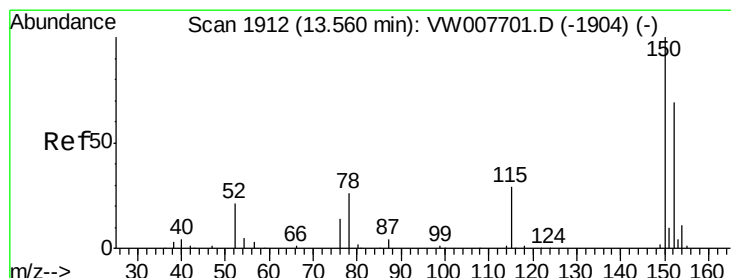
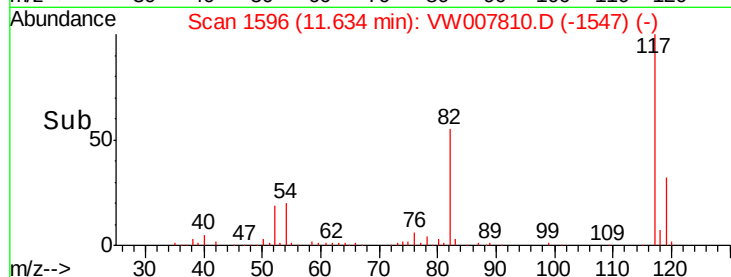
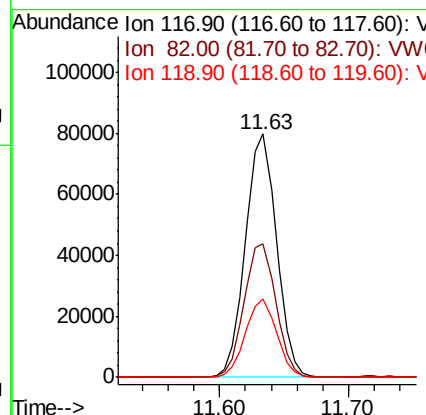
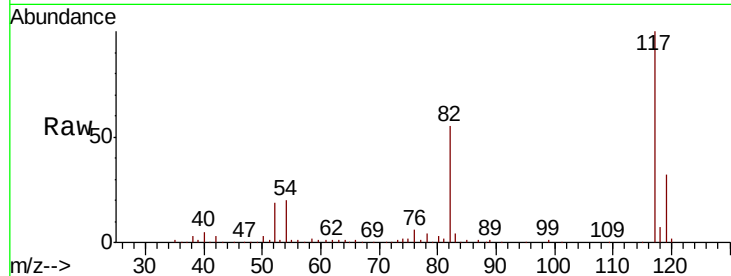




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007810.D
Acq: 21 Dec 2018 22:00

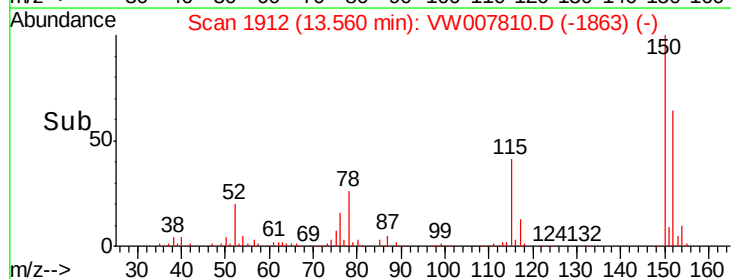
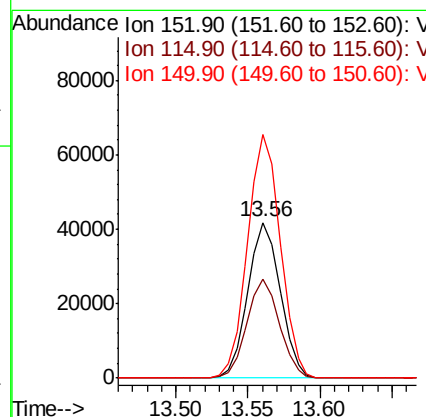
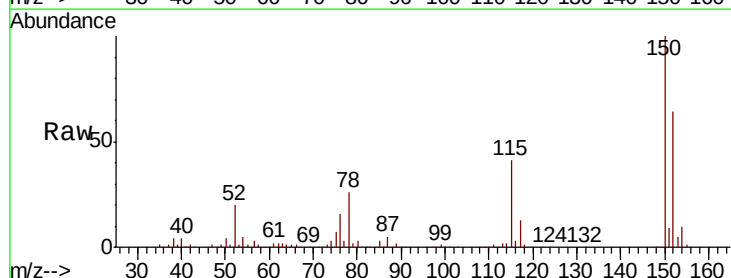
Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)

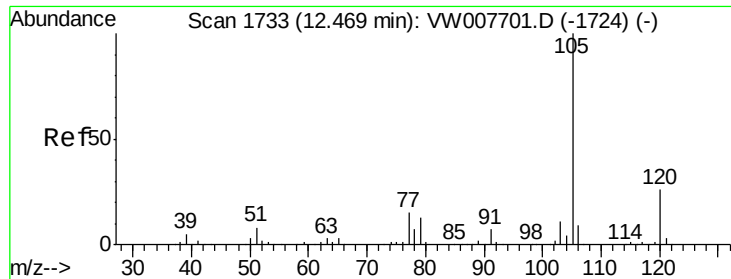
Tot Ion:117 Resp: 133121
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007810.D
Acq: 21 Dec 2018 22:00

Tgt Ion:152 Resp: 65155
Ion Ratio Lower Upper
152 100
115 63.9 31.8 95.4
150 157.9 0.0 350.8





#73

Isopropylbenzene

Concen: 5.491 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007810.D

Acq: 21 Dec 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

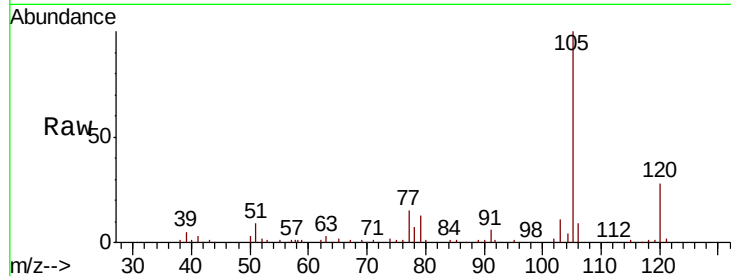
KY001SB106-121218-(8-10)

Tot Ion:105 Resp: 27041

Ion Ratio Lower Upper

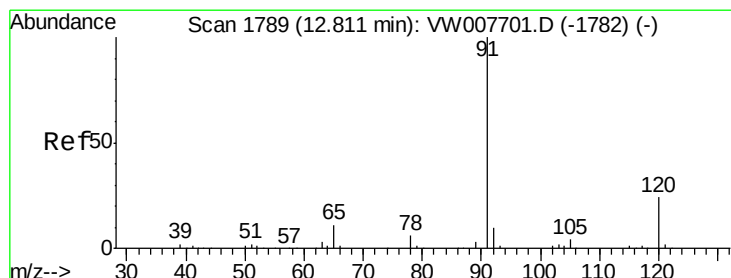
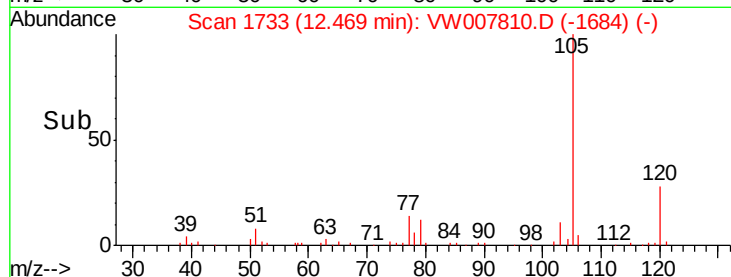
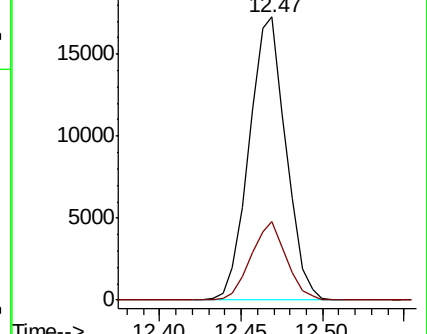
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 4.288 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007810.D

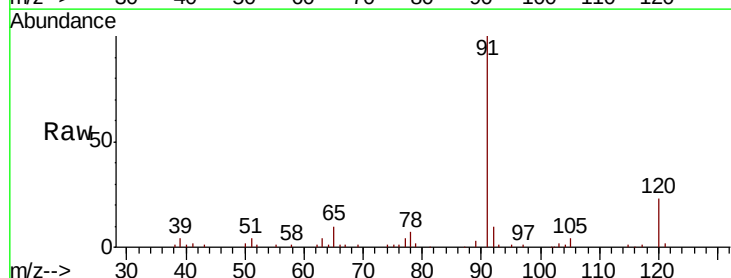
Acq: 21 Dec 2018 22:00

Tgt Ion: 91 Resp: 24582

Ion Ratio Lower Upper

91 100

120 24.0 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

