

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007809.D
 Acq On : 21 Dec 2018 21:33
 Operator : SY/AP
 Sample : J6392-16
 Misc : 5.38G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(6-8)

Quant Time: Dec 22 03:00:07 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

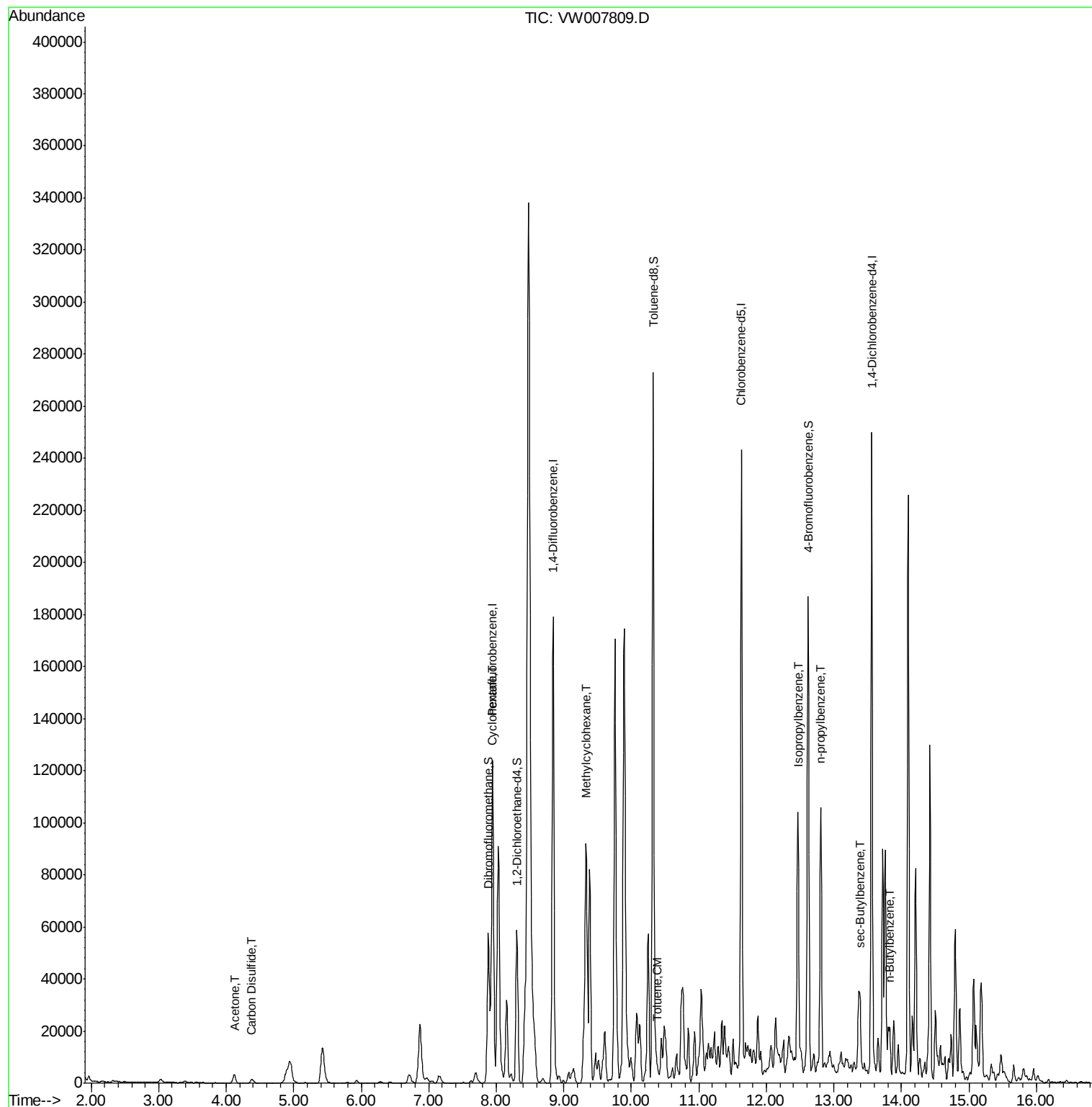
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	88292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	149087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	133517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47704	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	7.88	113	40817	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
50) Toluene-d8	10.32	98	162184	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	12.62	95	63051	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	5732	31.631	ug/l	95
17) Carbon Disulfide	4.38	76	3324	1.233	ug/l #	92
31) Cyclohexane	7.93	56	4622	3.208	ug/l #	72
39) Methylcyclohexane	9.34	83	19118	10.692	ug/l #	82
52) Toluene	10.40	92	2658	1.032	ug/l	99
73) Isopropylbenzene	12.47	105	67197	13.773	ug/l	99
78) n-propylbenzene	12.81	91	81214	14.300	ug/l	98
85) sec-Butylbenzene	13.38	105	17730	3.484	ug/l #	57
89) n-Butylbenzene	13.83	91	11228	2.646	ug/l #	76

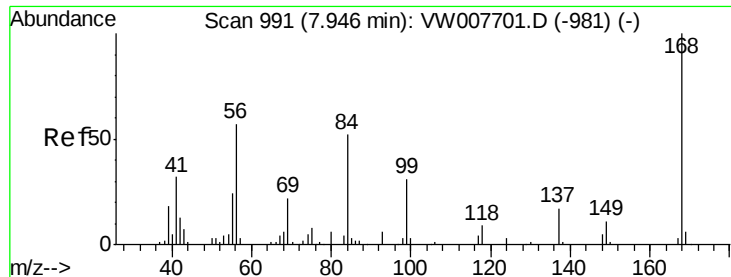
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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KY001SB106-121218-(6-8)

Quant Time: Dec 22 03:00:07 2018
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: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampleId :

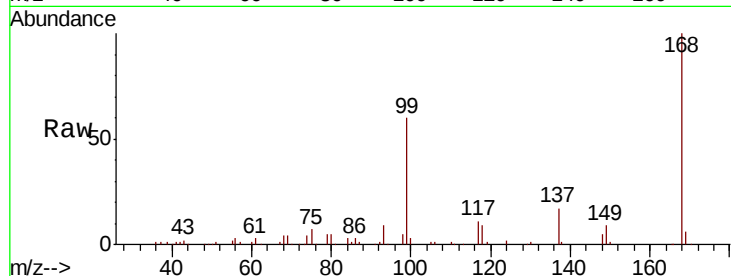
KY001SB106-121218-(6-8)

Tot Ion:168 Resp: 88292

Ion Ratio Lower Upper

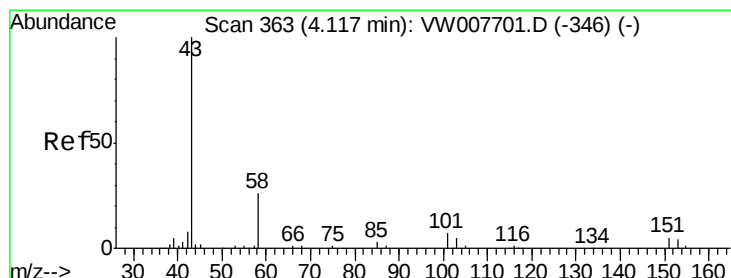
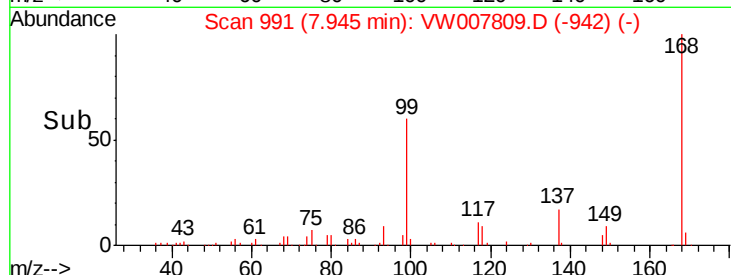
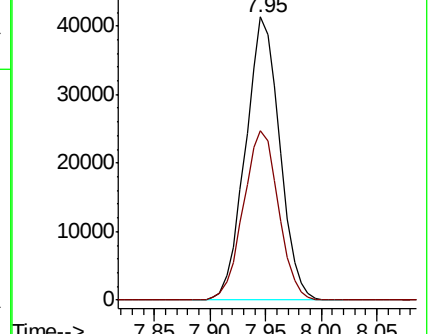
168 100

99 59.7 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: 31.631 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007809.D

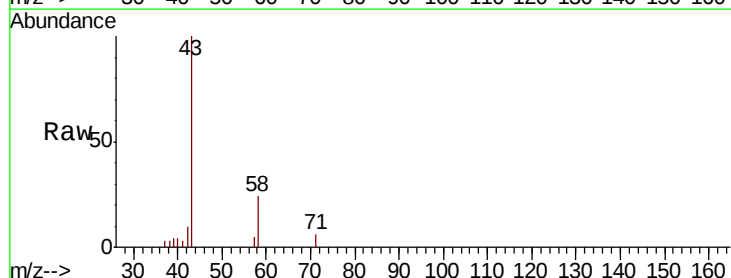
Acq: 21 Dec 2018 21:33

Tgt Ion: 43 Resp: 5732

Ion Ratio Lower Upper

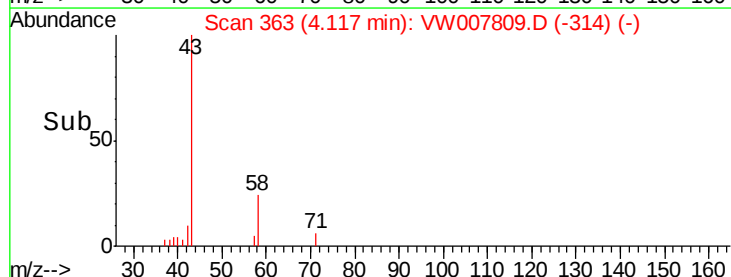
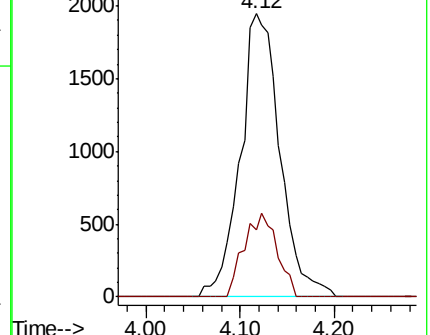
43 100

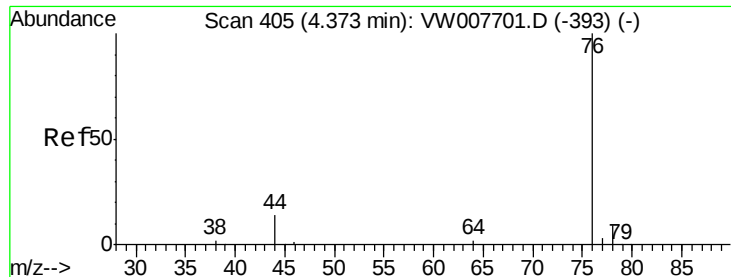
58 23.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.233 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampleId :

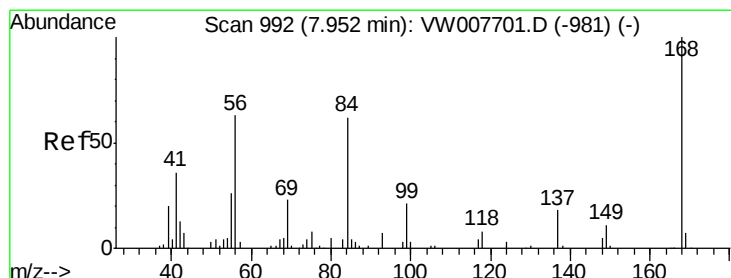
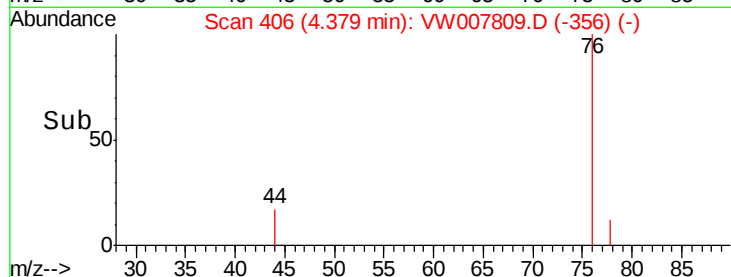
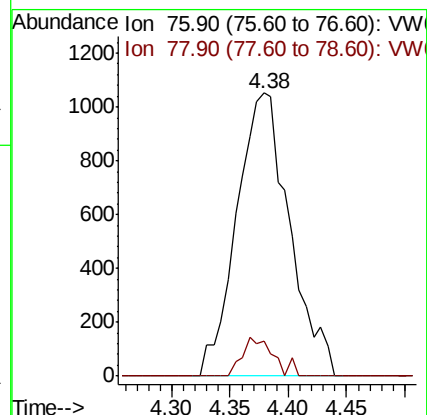
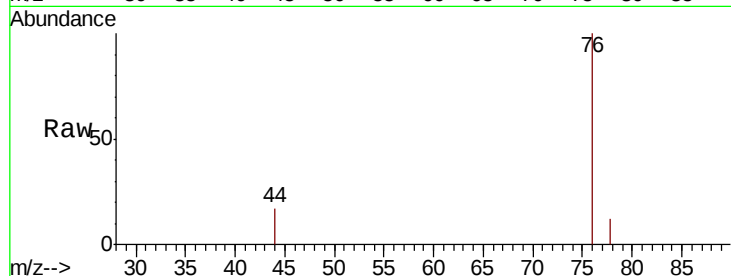
KY001SB106-121218-(6-8)

Tot Ion: 76 Resp: 3324

Ion Ratio Lower Upper

76 100

78 12.2 7.3 10.9#



#31

Cyclohexane

Concen: 3.208 ug/l

RT: 7.93 min Scan# 989

Delta R.T. -0.02 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

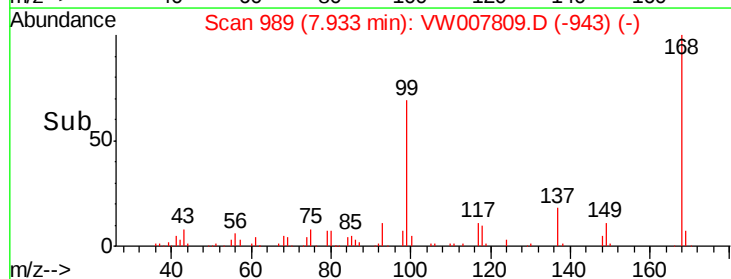
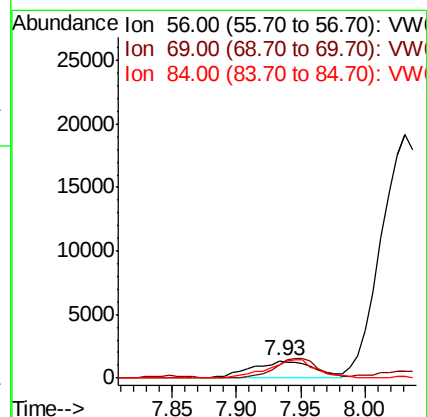
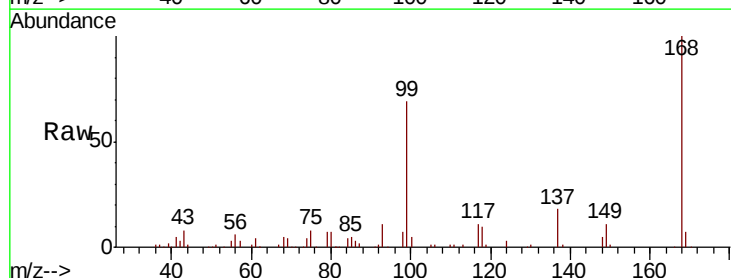
Tgt Ion: 56 Resp: 4622

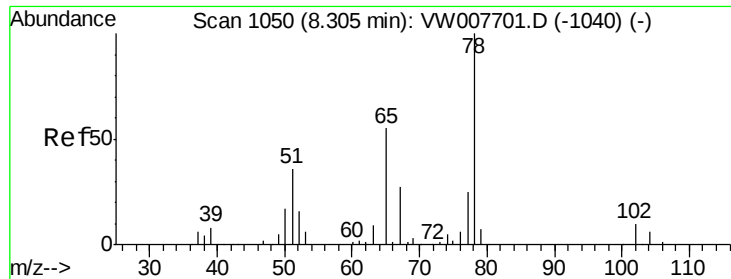
Ion Ratio Lower Upper

56 100

69 66.4 29.7 44.5#

84 79.1 78.9 118.3

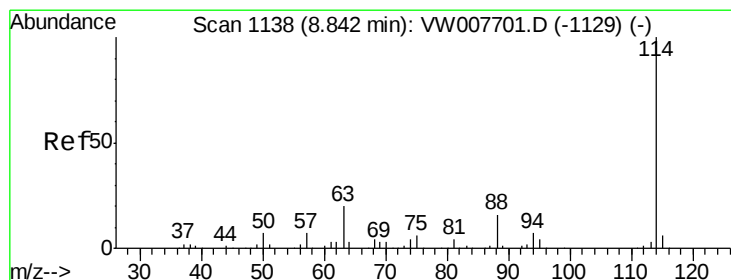
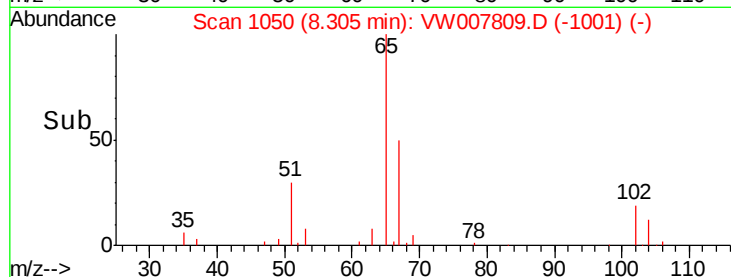
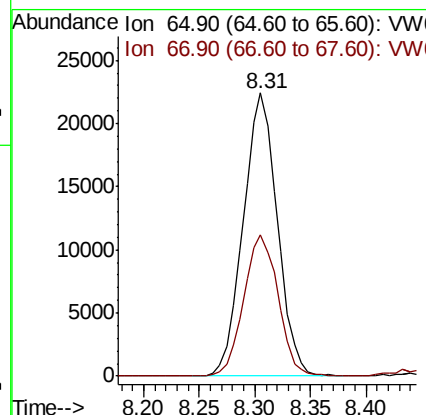
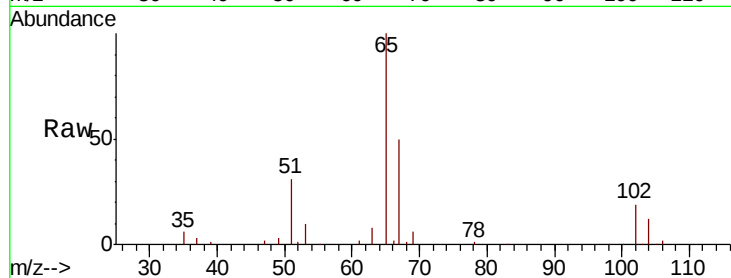




#33
 1,2-Dichloroethane-d4
 Concen: 49.295 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007809.D
 Acq: 21 Dec 2018 21:33

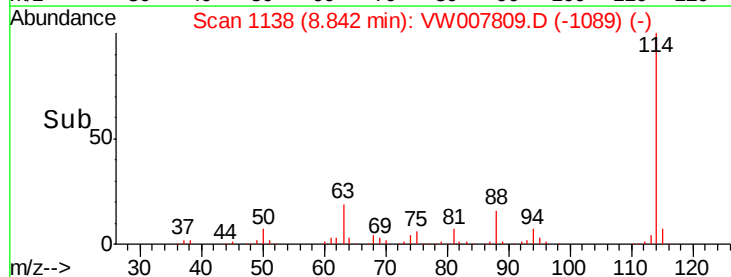
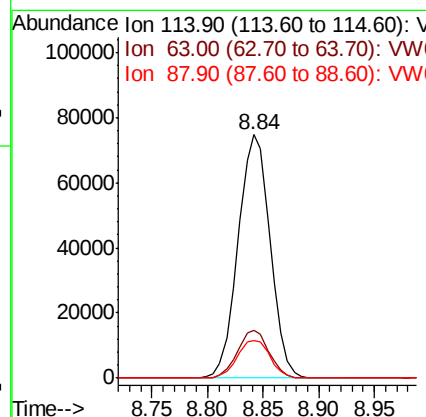
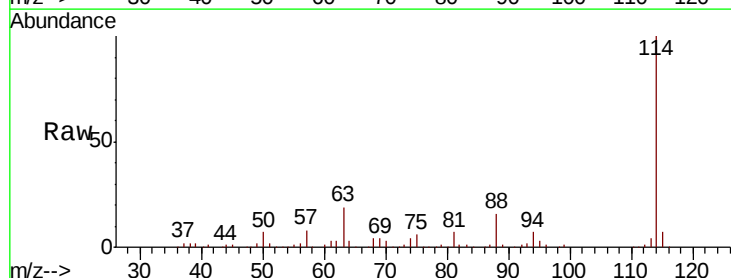
Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(6-8)

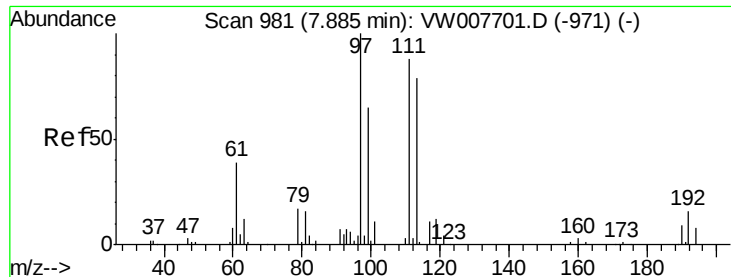
Tot Ion: 65 Resp: 47704
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007809.D
 Acq: 21 Dec 2018 21:33

Tgt Ion: 114 Resp: 149087
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.878 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(6-8)

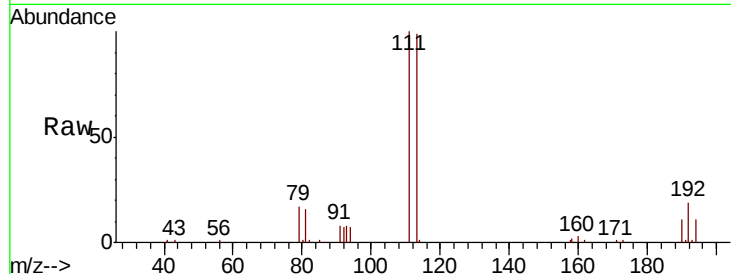
Tot Ion:113 Resp: 40817

Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

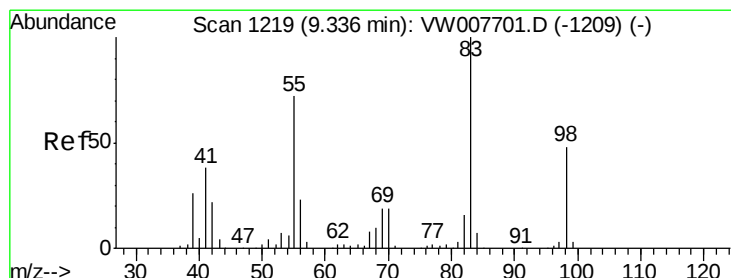
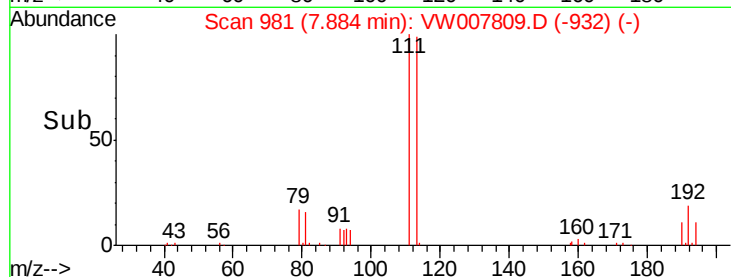
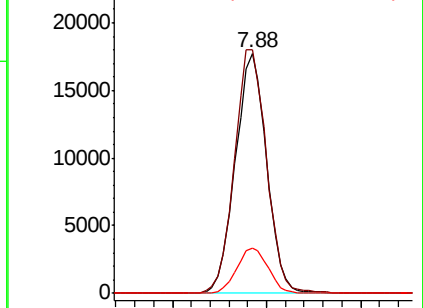
192 18.8 15.5 23.3



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: 10.692 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

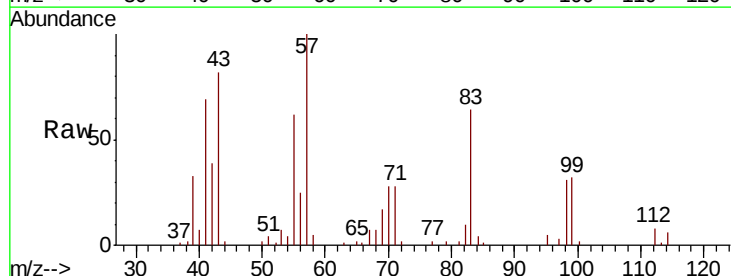
Tgt Ion: 83 Resp: 19118

Ion Ratio Lower Upper

83 100

55 96.7 57.2 85.8#

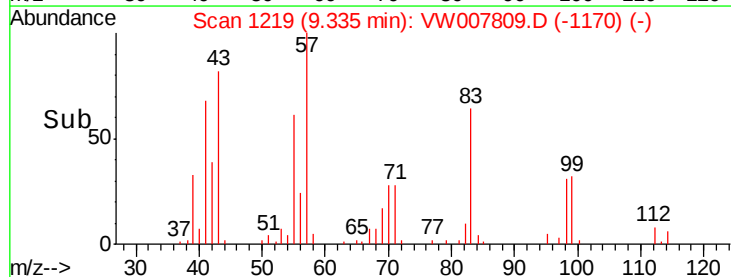
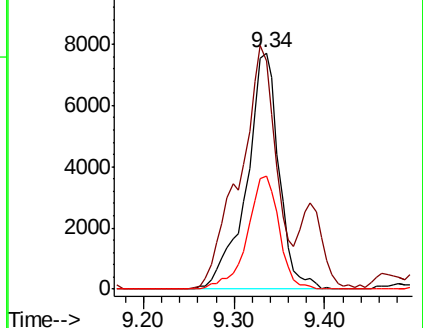
98 47.8 38.6 58.0

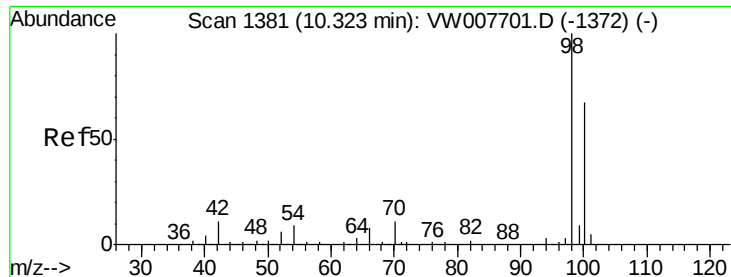


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 47.302 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampleId :

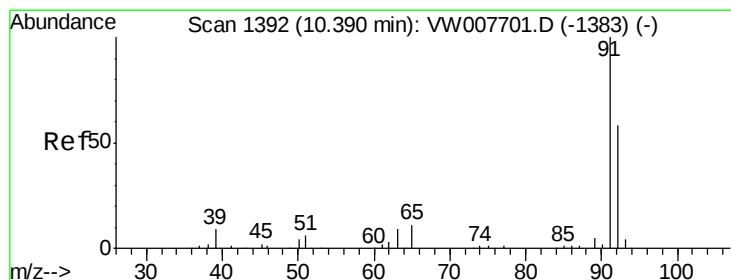
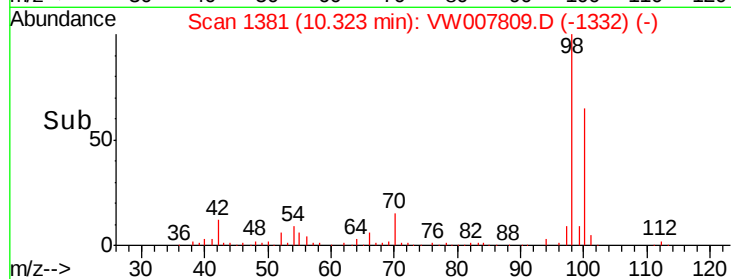
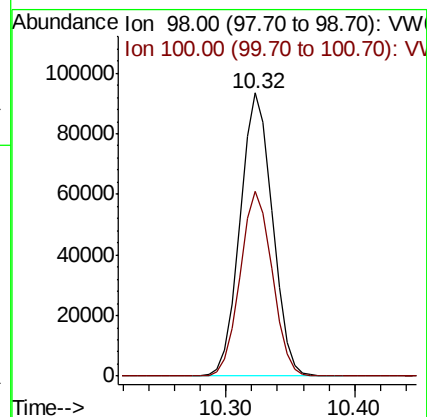
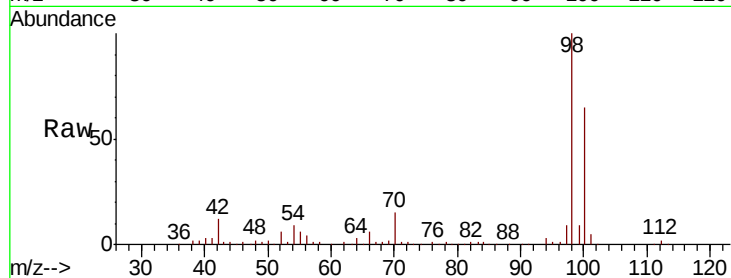
KY001SB106-121218-(6-8)

Tot Ion: 98 Resp: 162184

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#52

Toluene

Concen: 1.032 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW007809.D

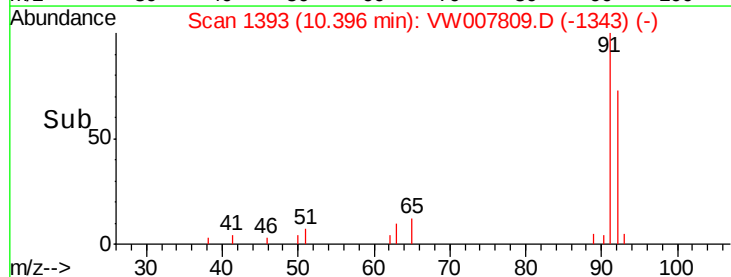
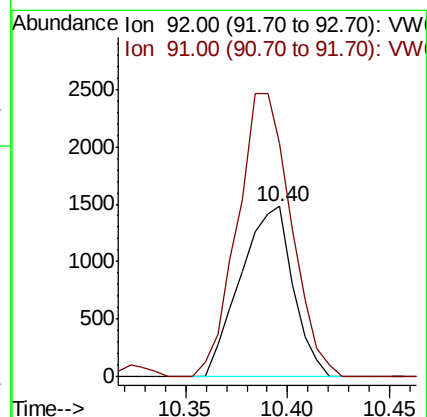
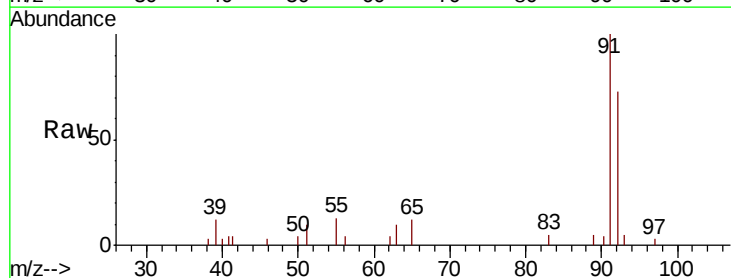
Acq: 21 Dec 2018 21:33

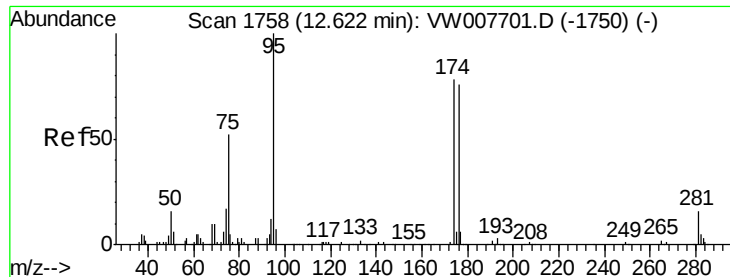
Tgt Ion: 92 Resp: 2658

Ion Ratio Lower Upper

92 100

91 169.2 137.0 205.4

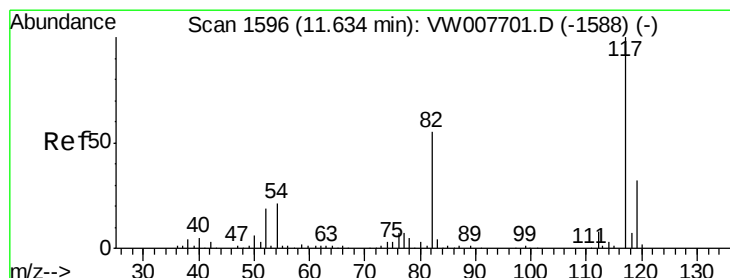
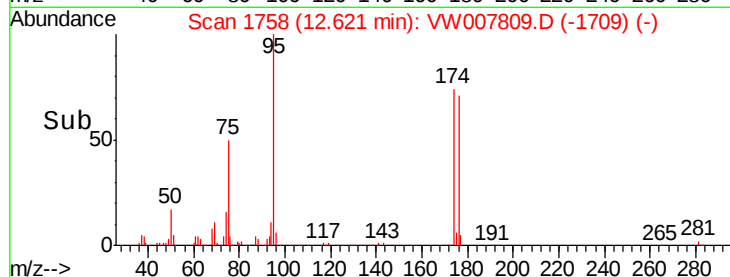
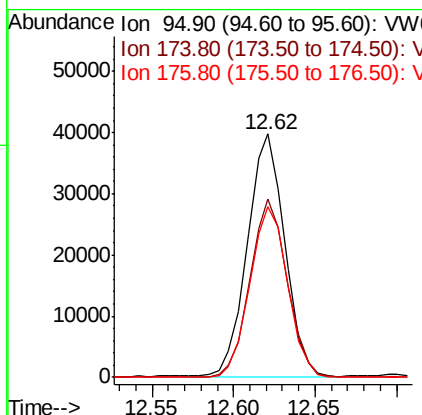
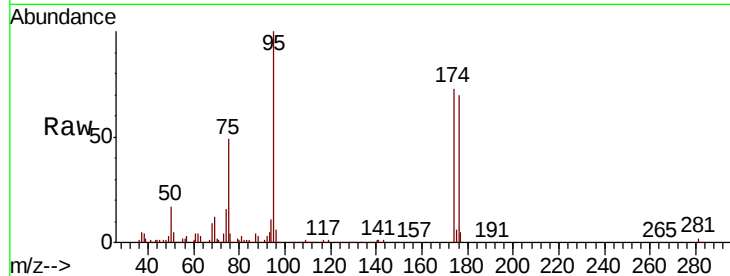




#62
4-Bromofluorobenzene
Concen: 47.601 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007809.D
Acq: 21 Dec 2018 21:33

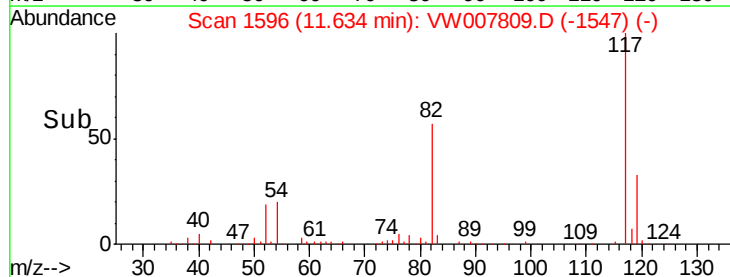
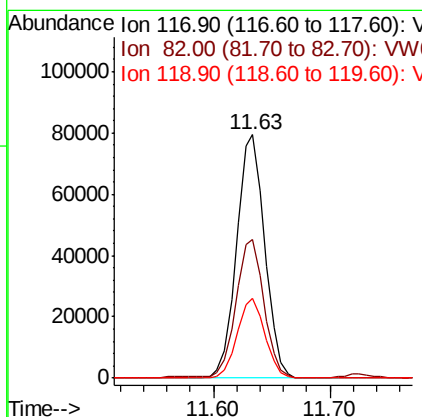
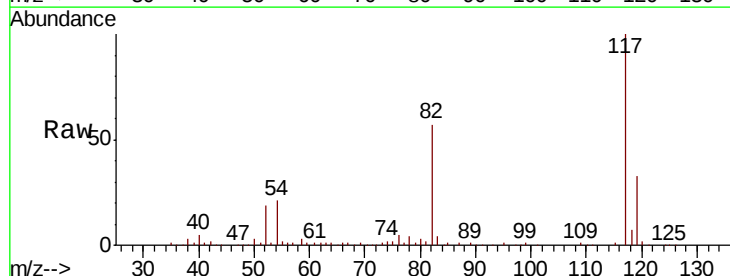
Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(6-8)

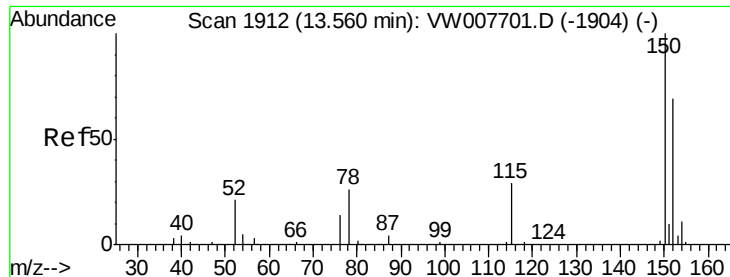
Tot Ion: 95 Resp: 63051
Ion Ratio Lower Upper
95 100
174 73.2 0.0 152.2
176 70.9 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007809.D
Acq: 21 Dec 2018 21:33

Tgt Ion: 117 Resp: 133517
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 33.0 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: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(6-8)

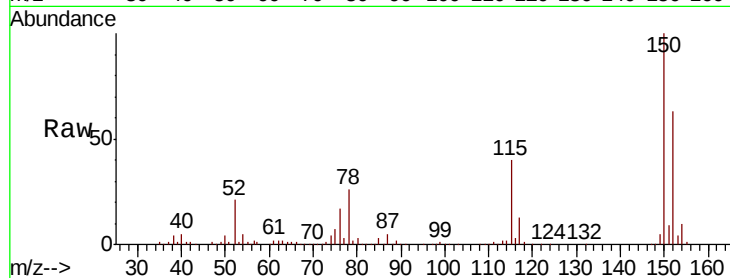
Tot Ion:152 Resp: 64545

Ion Ratio Lower Upper

152 100

115 63.1 31.8 95.4

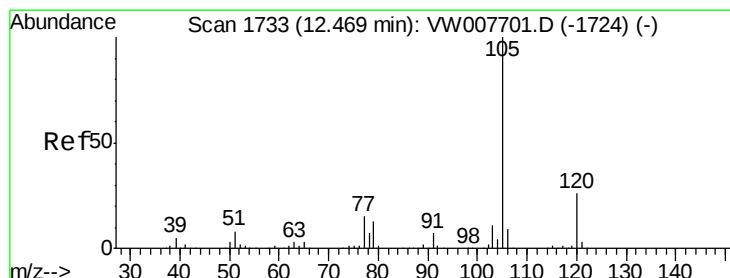
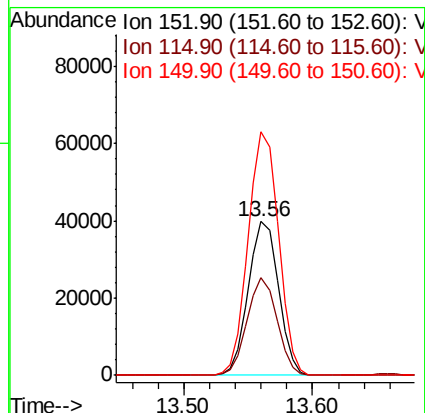
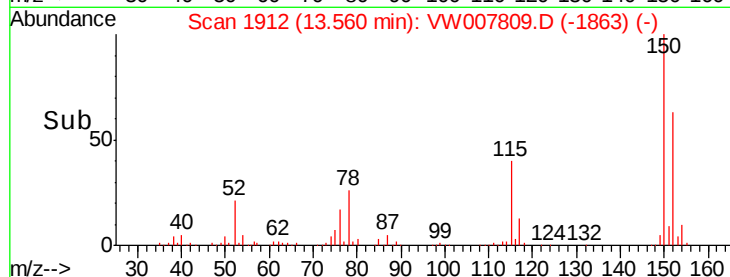
150 159.2 0.0 350.8



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



#73

Isopropylbenzene

Concen: 13.773 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007809.D

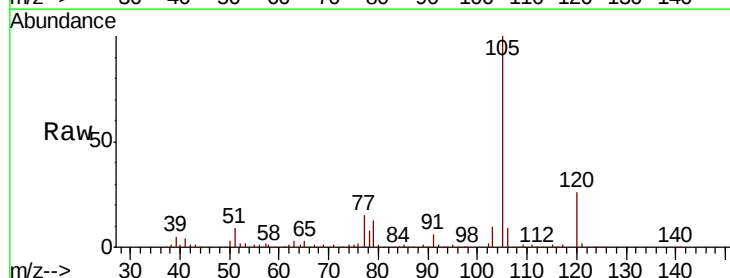
Acq: 21 Dec 2018 21:33

Tgt Ion:105 Resp: 67197

Ion Ratio Lower Upper

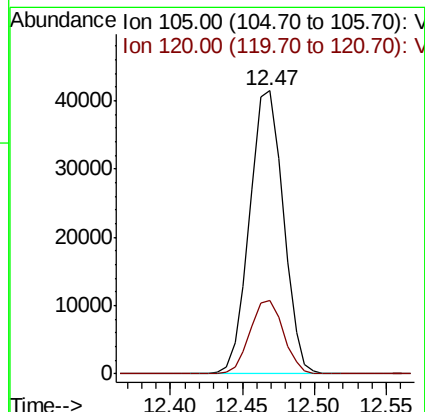
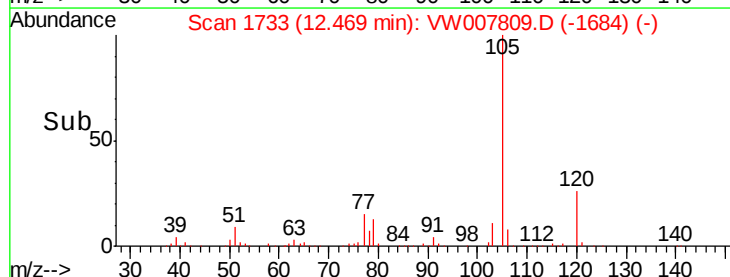
105 100

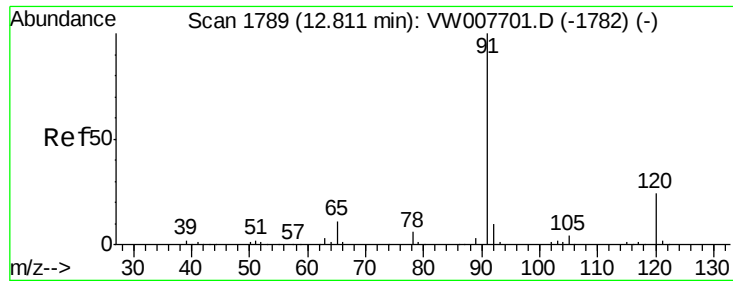
120 25.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 14.300 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampleId :

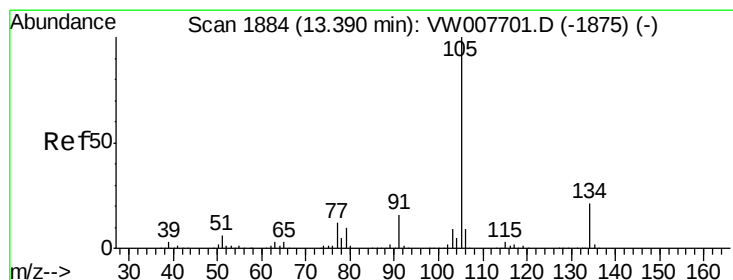
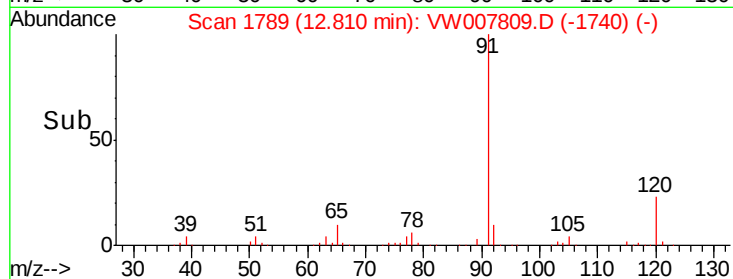
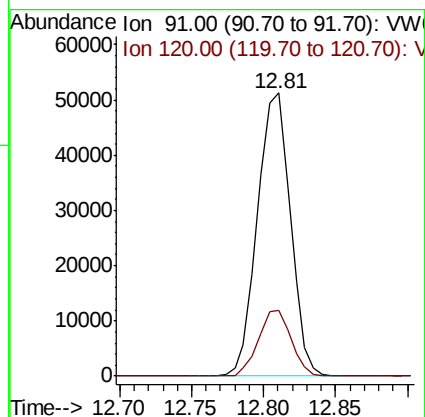
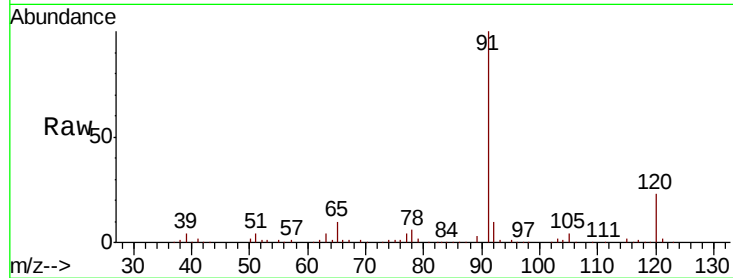
KY001SB106-121218-(6-8)

Tot Ion: 91 Resp: 81214

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.7



#85

sec-Butylbenzene

Concen: 3.484 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW007809.D

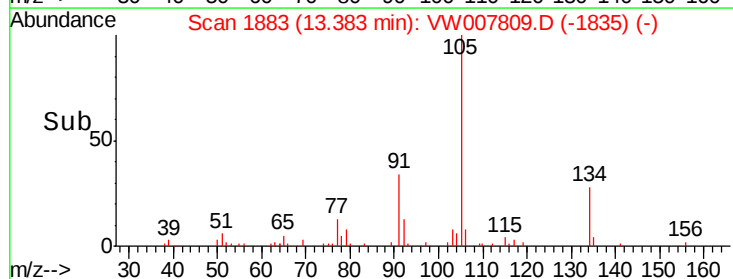
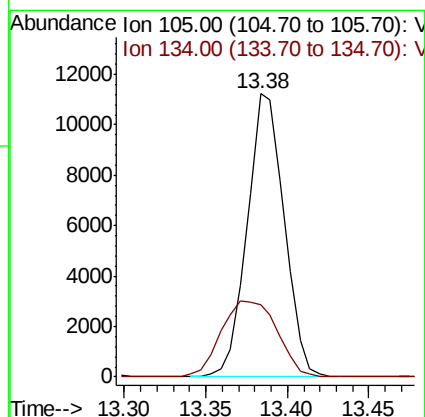
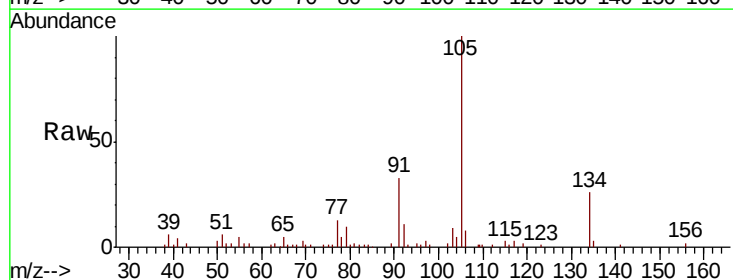
Acq: 21 Dec 2018 21:33

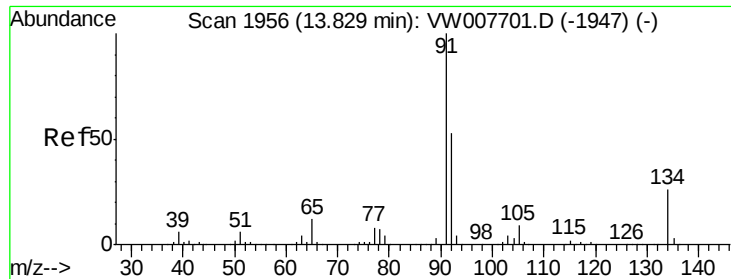
Tgt Ion: 105 Resp: 17730

Ion Ratio Lower Upper

105 100

134 40.3 10.2 30.4#





#89

n-Butylbenzene

Concen: 2.646 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007809.D

Acq: 21 Dec 2018 21:33

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(6-8)

Tot Ion: 91 Resp: 11228

Ion Ratio Lower Upper

91 100

92 46.0 26.4 79.2

134 0.0 13.7 41.0#

