

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007807.D
 Acq On : 21 Dec 2018 20:41
 Operator : SY/AP
 Sample : J6392-14
 Misc : 6.51G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB105-121218-(16-18)

Quant Time: Dec 22 02:55:01 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

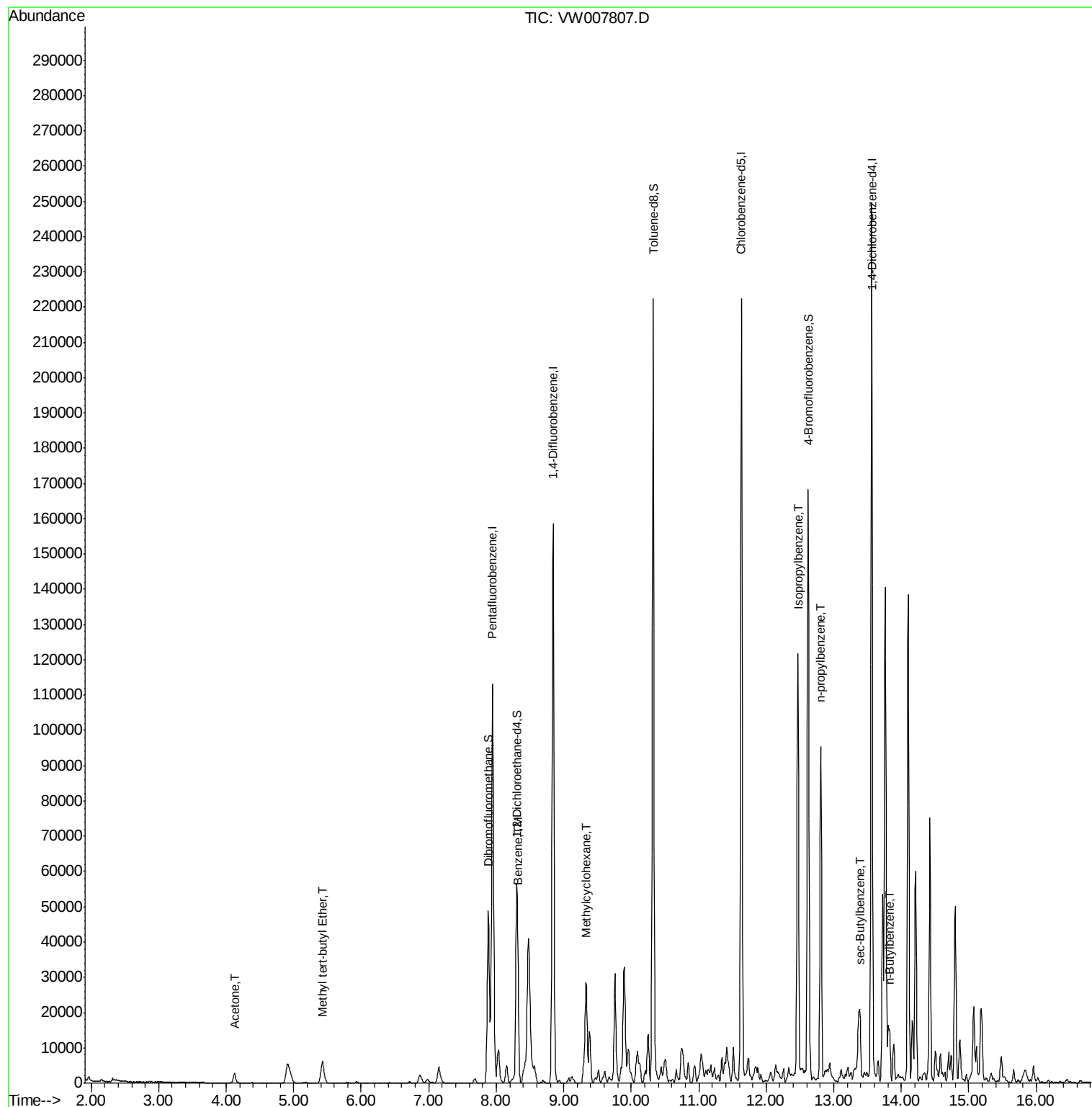
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	80221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	135528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43042	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	7.88	113	36839	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
50) Toluene-d8	10.32	98	142925	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
62) 4-Bromofluorobenzene	12.62	95	57296	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	4929	29.936	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	7308	6.432	ug/l #	39
39) Methylcyclohexane	9.33	83	8829	5.432	ug/l	94
40) Benzene	8.32	78	10324	2.958	ug/l	99
73) Isopropylbenzene	12.47	105	79487	16.203	ug/l	100
78) n-propylbenzene	12.80	91	73450	12.862	ug/l	98
85) sec-Butylbenzene	13.38	105	10906	2.131	ug/l #	62
89) n-Butylbenzene	13.83	91	8980	2.105	ug/l #	74

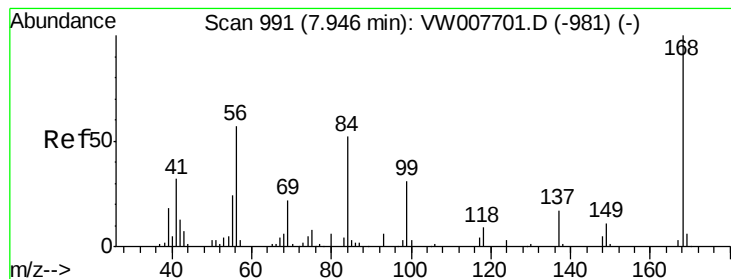
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007807.D
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KY001SB105-121218-(16-18)

Quant Time: Dec 22 02:55:01 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: VW007807.D

Acq: 21 Dec 2018 20:41

Instrument :

MSVOA_W

ClientSampleId :

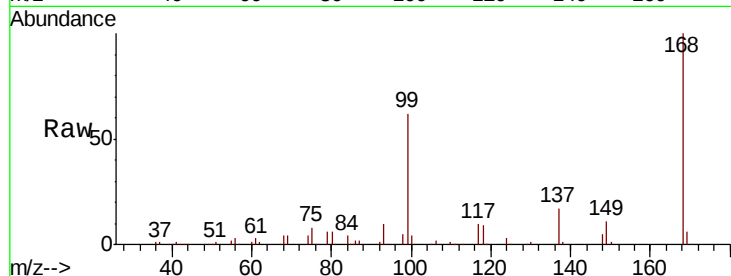
KY001SB105-121218-(16-18)

Tot Ion:168 Resp: 80221

Ion Ratio Lower Upper

168 100

99 62.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

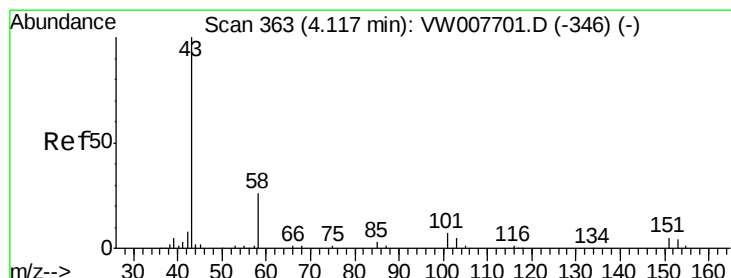
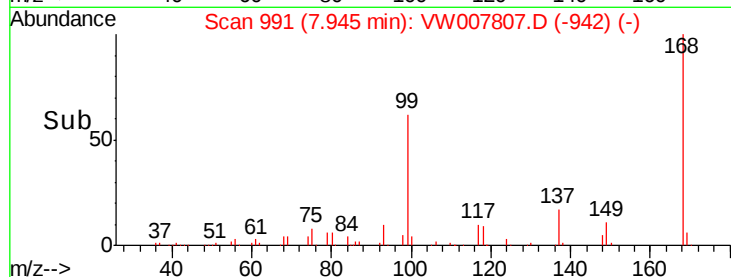
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 29.936 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007807.D

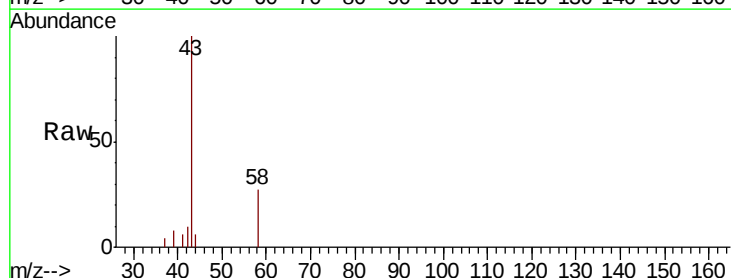
Acq: 21 Dec 2018 20:41

Tgt Ion: 43 Resp: 4929

Ion Ratio Lower Upper

43 100

58 27.1 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

1500

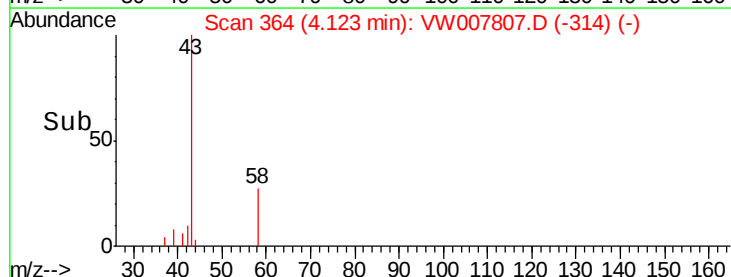
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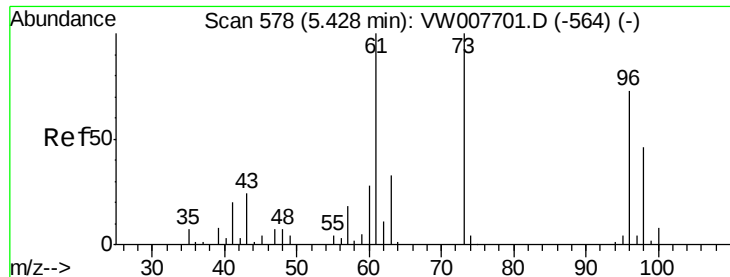
500

0

4.00 4.05 4.10 4.15 4.20

Time-->

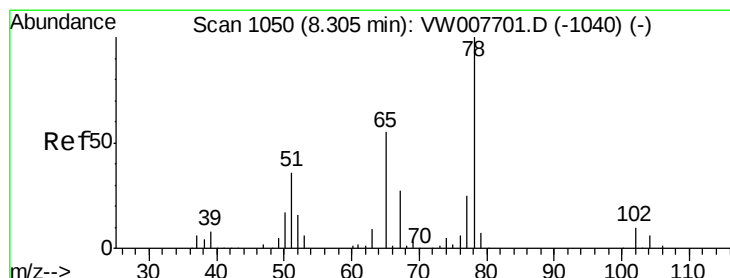
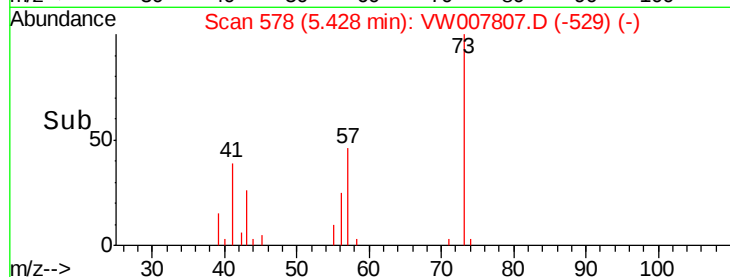
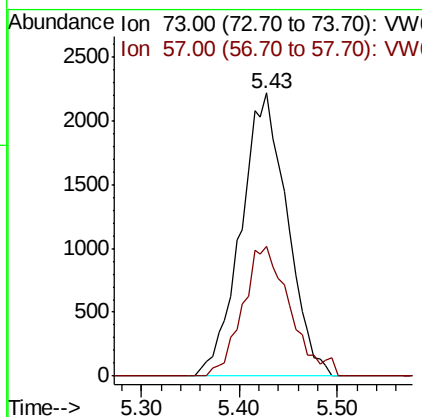
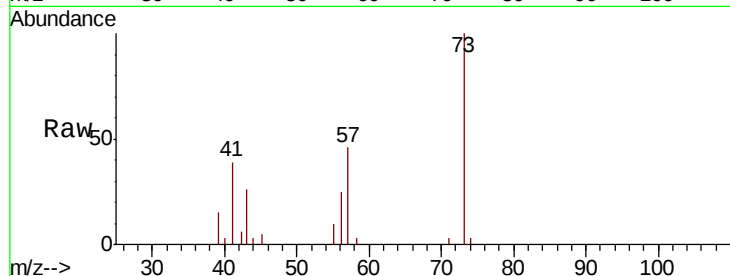




#19
Methvl tert-butvl Ether
Concen: 6.432 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007807.D
Acq: 21 Dec 2018 20:41

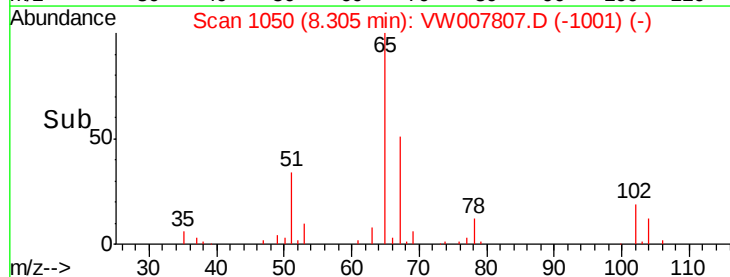
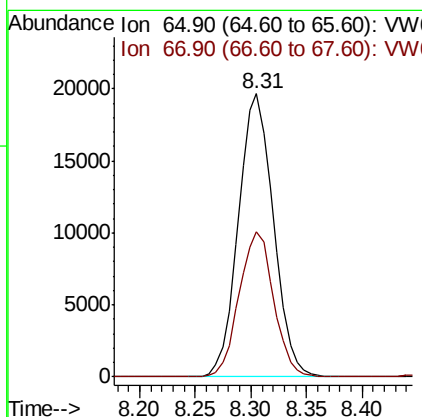
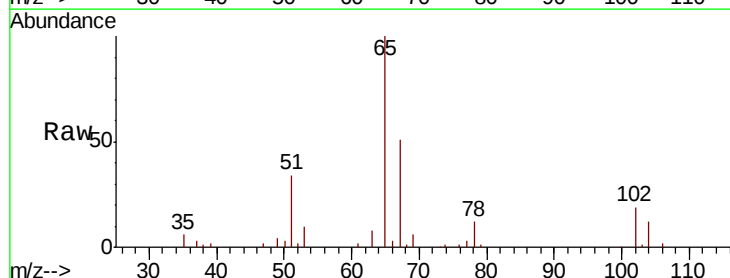
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(16-18)

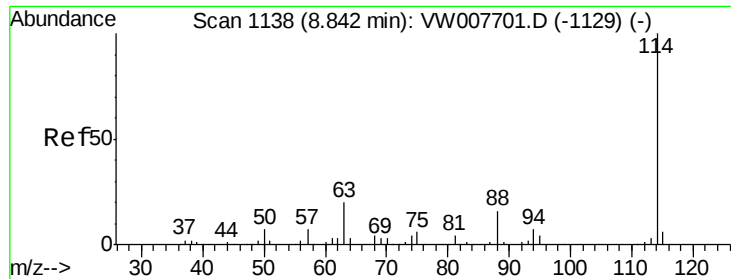
Tot Ion: 73 Resp: 7308
Ion Ratio Lower Upper
73 100
57 45.7 14.7 22.1#



#33
1,2-Dichloroethane-d4
Concen: 48.953 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007807.D
Acq: 21 Dec 2018 20:41

Tgt Ion: 65 Resp: 43042
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.6

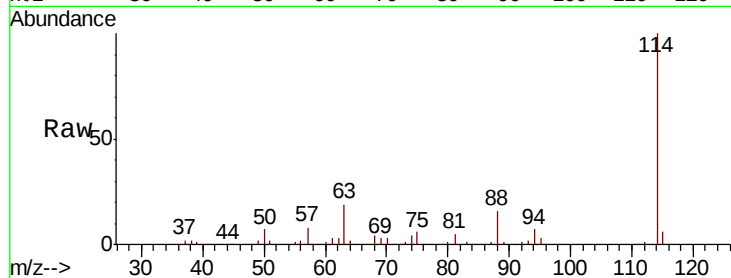




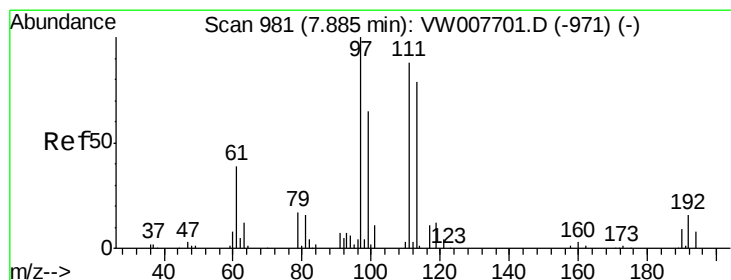
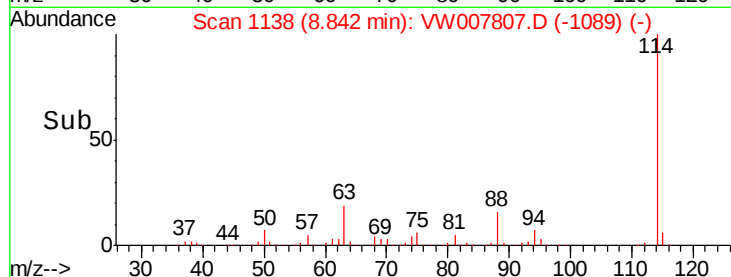
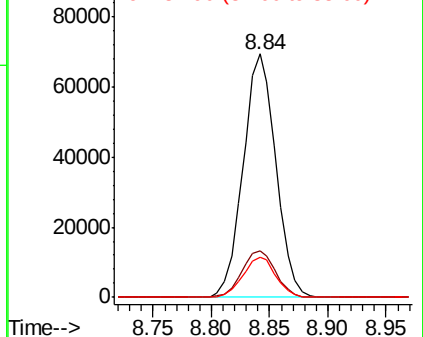
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007807.D
 Acq: 21 Dec 2018 20:41

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB105-121218-(16-18)

Tot Ion:114 Resp: 135528
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 16.2 0.0 32.6

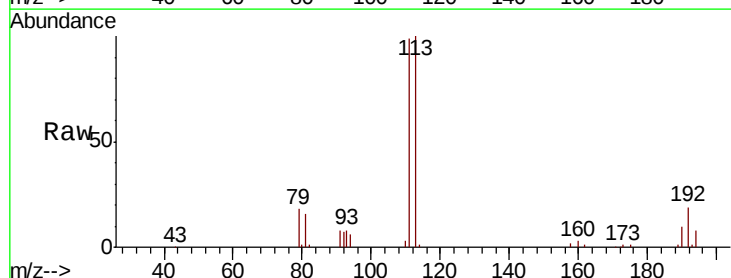


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

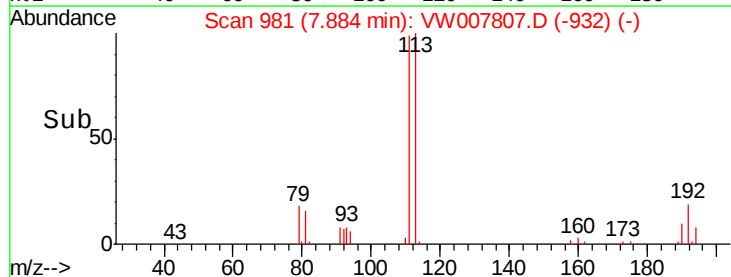
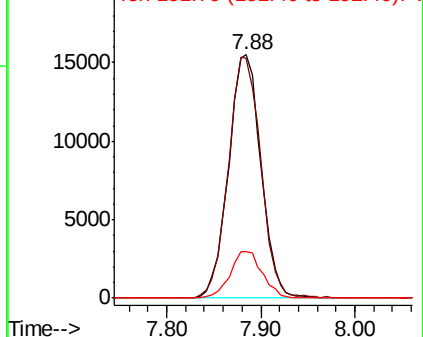


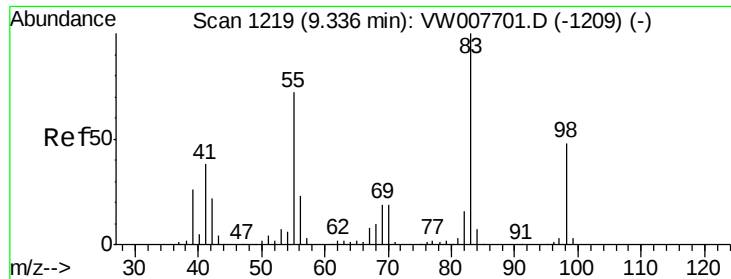
#35
 Dibromofluoromethane
 Concen: 44.557 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007807.D
 Acq: 21 Dec 2018 20:41

Tgt Ion:113 Resp: 36839
 Ion Ratio Lower Upper
 113 100
 111 100.0 82.6 124.0
 192 19.0 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

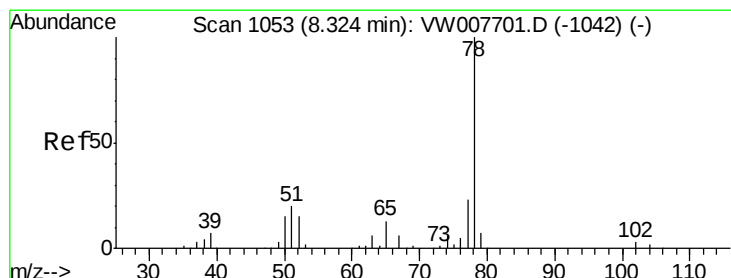
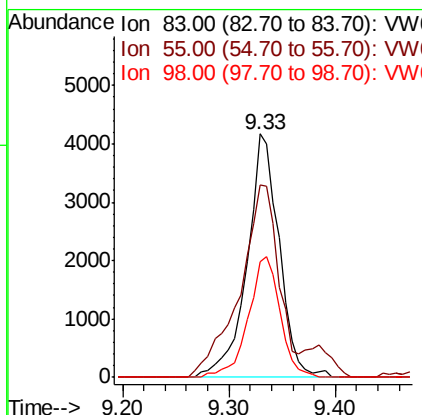
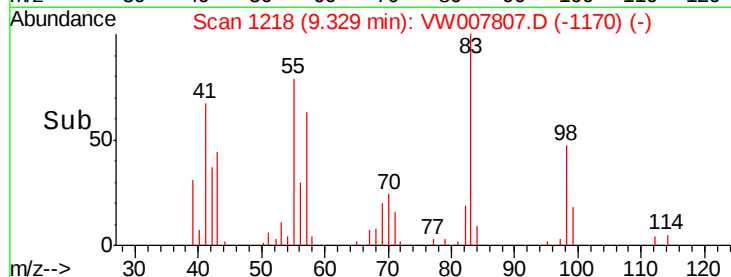
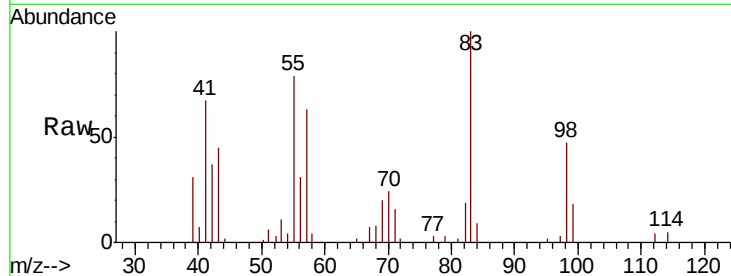




#39
Methvlcvclohexane
Concen: 5.432 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW007807.D
Acq: 21 Dec 2018 20:41

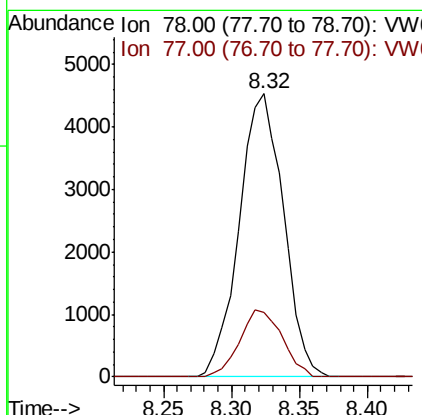
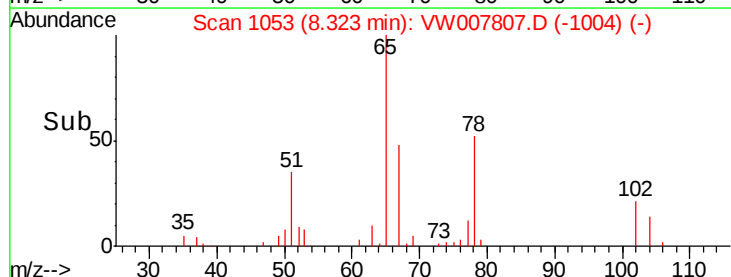
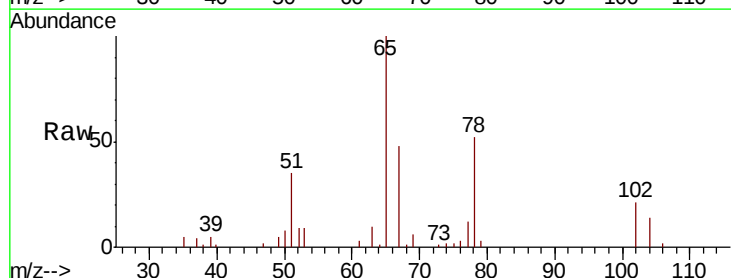
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(16-18)

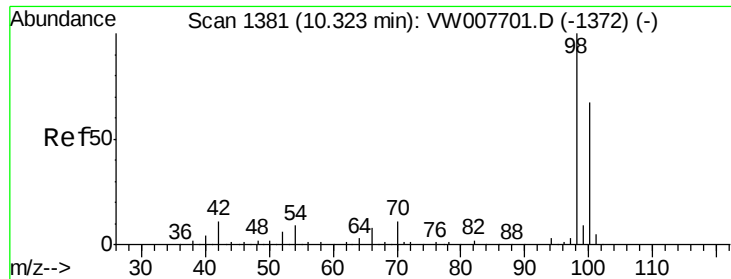
Tot Ion: 83 Resp: 8829
Ion Ratio Lower Upper
83 100
55 79.0 57.2 85.8
98 47.4 38.6 58.0



#40
Benzene
Concen: 2.958 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007807.D
Acq: 21 Dec 2018 20:41

Tgt Ion: 78 Resp: 10324
Ion Ratio Lower Upper
78 100
77 22.7 18.7 28.1





#50

Toluene-d8

Concen: 45.855 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007807.D

Acq: 21 Dec 2018 20:41

Instrument :

MSVOA_W

ClientSampleId :

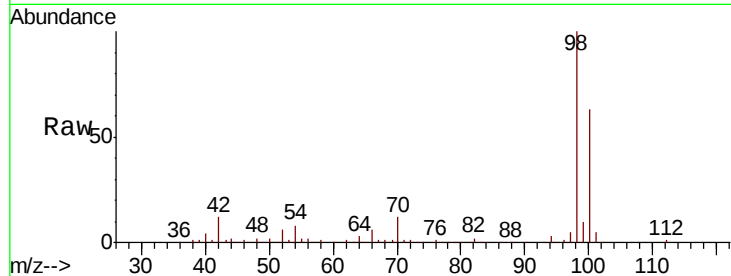
KY001SB105-121218-(16-18)

Tot Ion: 98 Resp: 142925

Ion Ratio Lower Upper

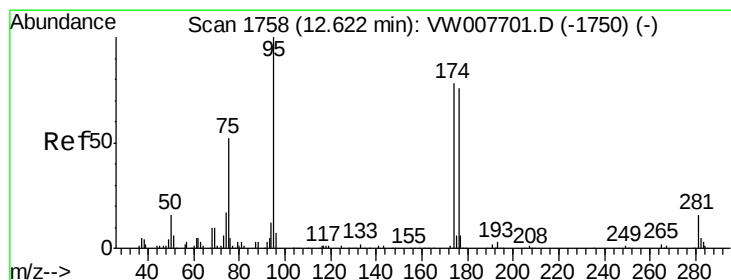
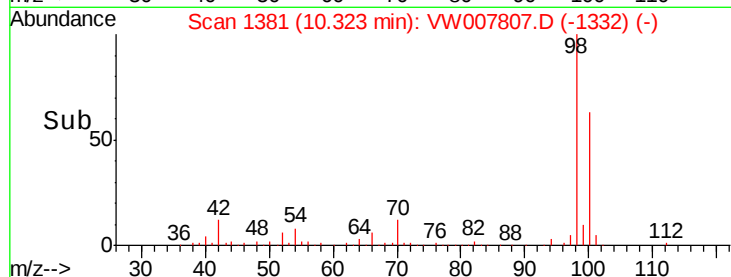
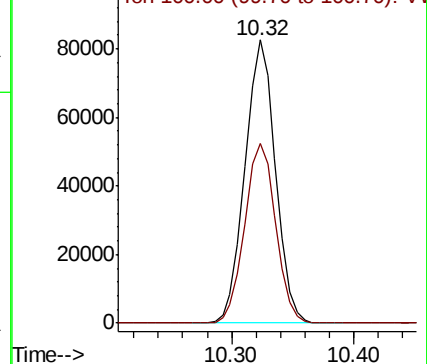
98 100

100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.583 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007807.D

Acq: 21 Dec 2018 20:41

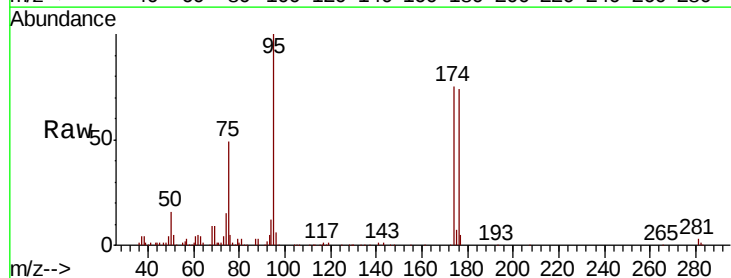
Tgt Ion: 95 Resp: 57296

Ion Ratio Lower Upper

95 100

174 74.6 0.0 152.2

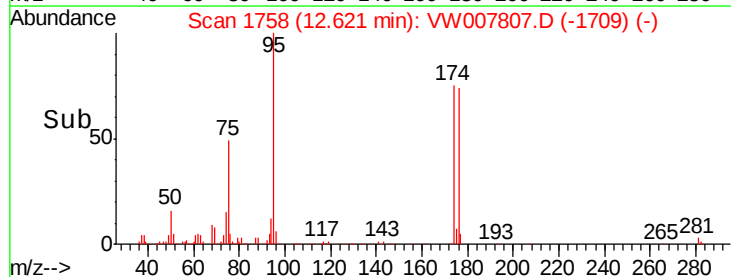
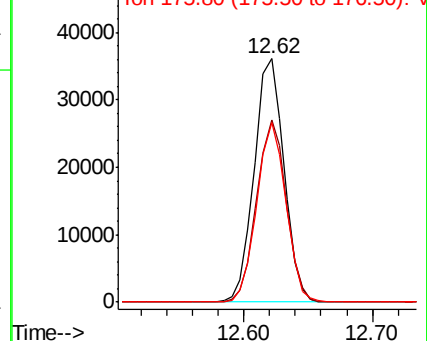
176 72.1 0.0 146.8

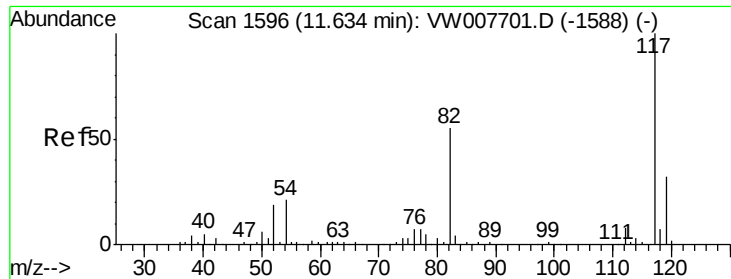


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

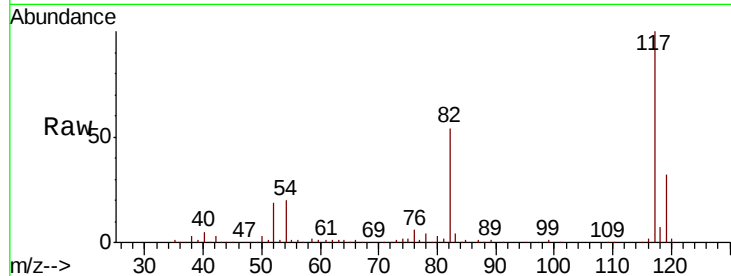




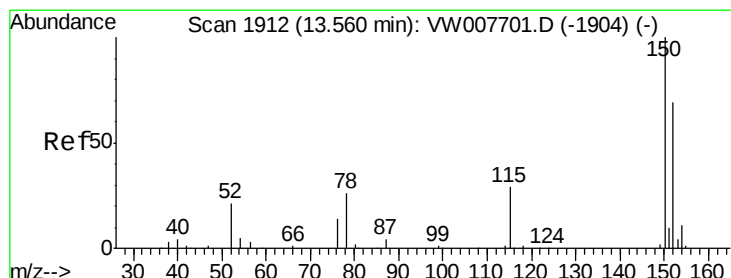
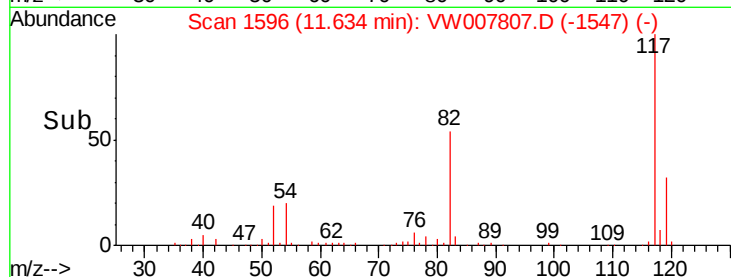
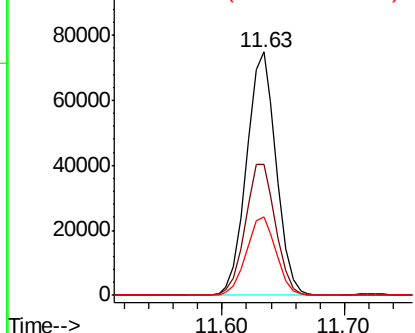
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007807.D
Acq: 21 Dec 2018 20:41

Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(16-18)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.3	66.5
119	32.5	25.7	38.5

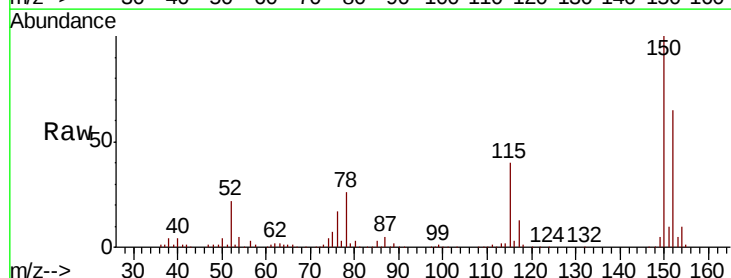


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

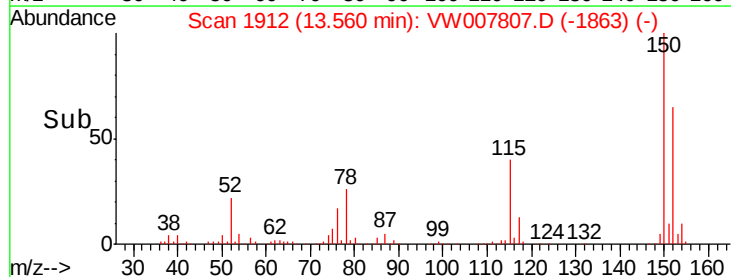
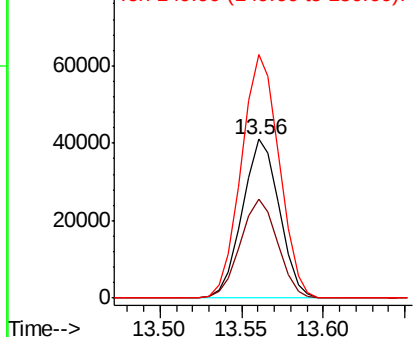


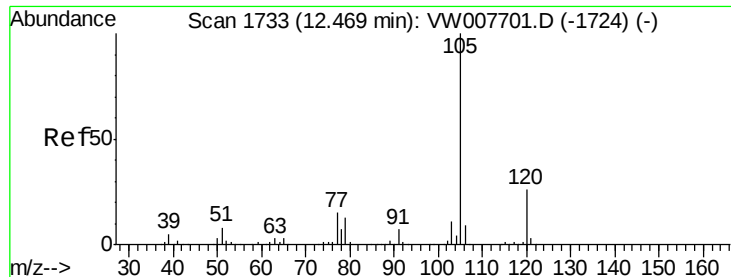
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007807.D
Acq: 21 Dec 2018 20:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.8	95.4
150	156.7	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: 16.203 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007807.D

Acq: 21 Dec 2018 20:41

Instrument :

MSVOA_W

ClientSampleId :

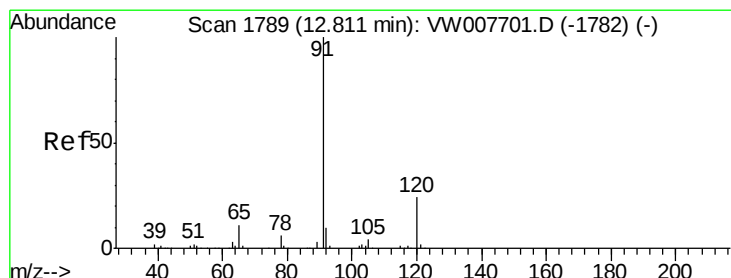
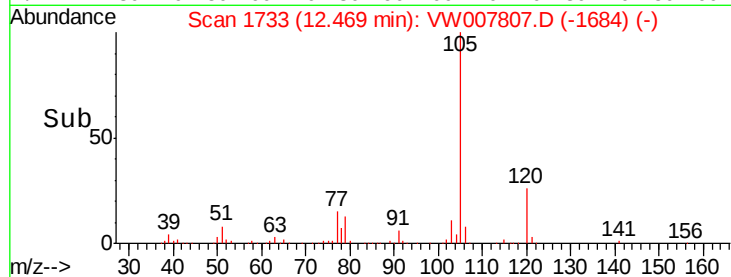
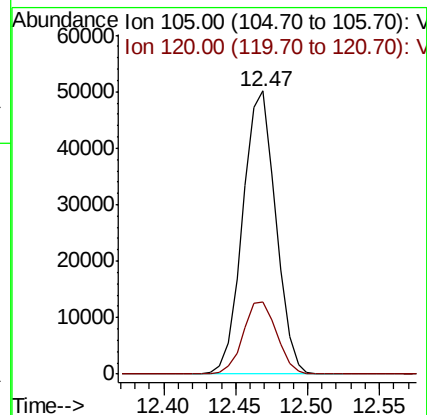
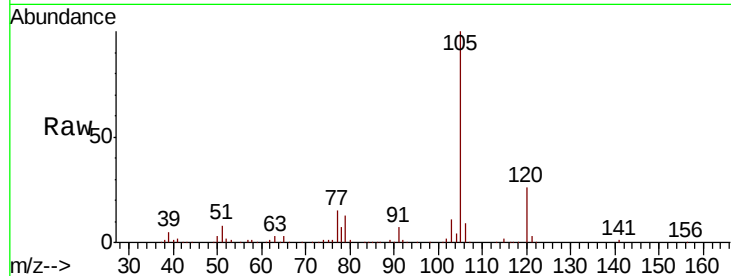
KY001SB105-121218-(16-18)

Tot Ion:105 Resp: 79487

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#78

n-propylbenzene

Concen: 12.862 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007807.D

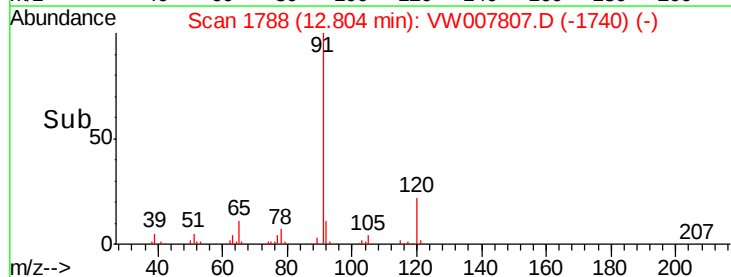
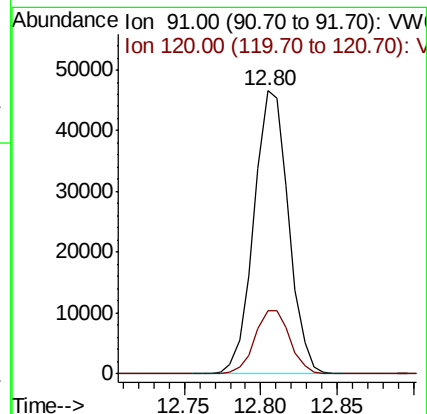
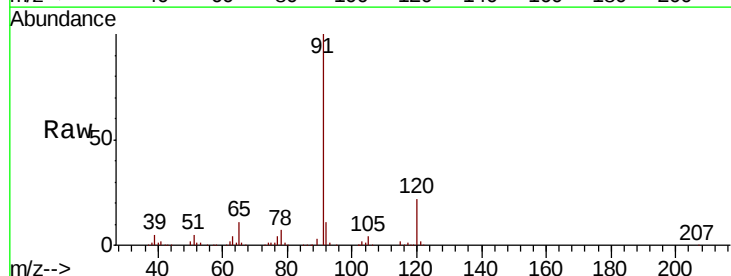
Acq: 21 Dec 2018 20:41

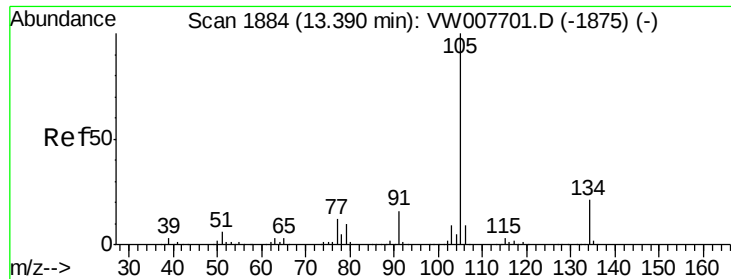
Tgt Ion: 91 Resp: 73450

Ion Ratio Lower Upper

91 100

120 22.7 11.9 35.7

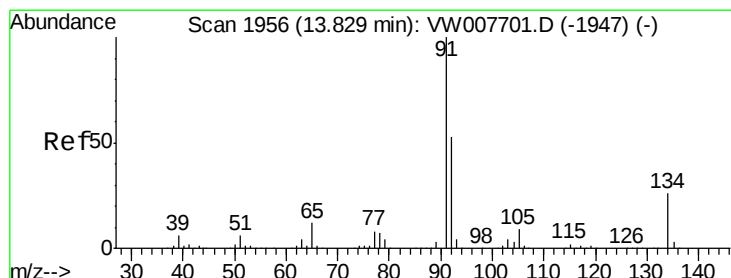
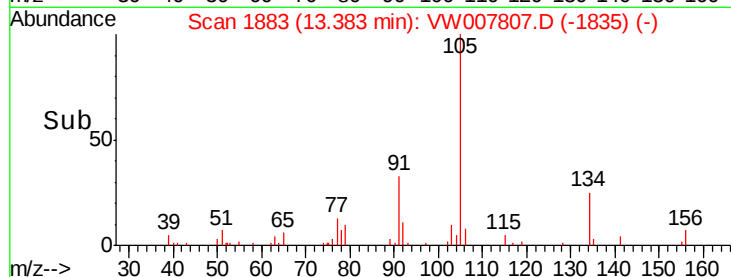
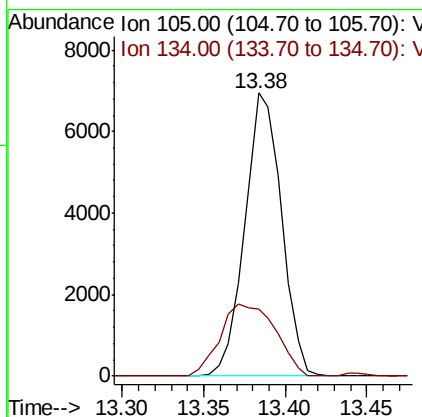
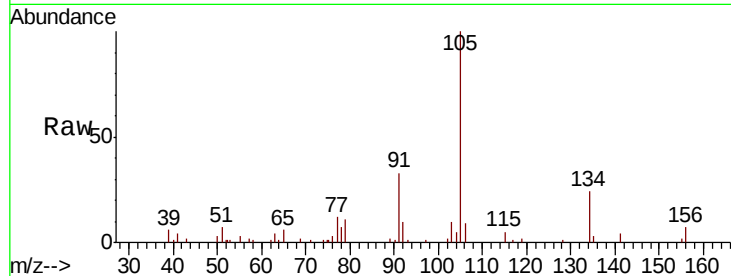




#85
 sec-Butylbenzene
 Concen: 2.131 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW007807.D
 Acq: 21 Dec 2018 20:41

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB105-121218-(16-18)

Tot Ion:105 Resp: 10906
 Ion Ratio Lower Upper
 105 100
 134 38.0 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 2.105 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW007807.D
 Acq: 21 Dec 2018 20:41

Tgt Ion: 91 Resp: 8980
 Ion Ratio Lower Upper
 91 100
 92 44.4 26.4 79.2
 134 0.0 13.7 41.0#

