

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007862.D
 Acq On : 22 Dec 2018 23:39
 Operator : SY/AP
 Sample : J6511-04
 Misc : 3.22G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-60(0-5)-GRAB

Quant Time: Dec 24 03:48:44 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

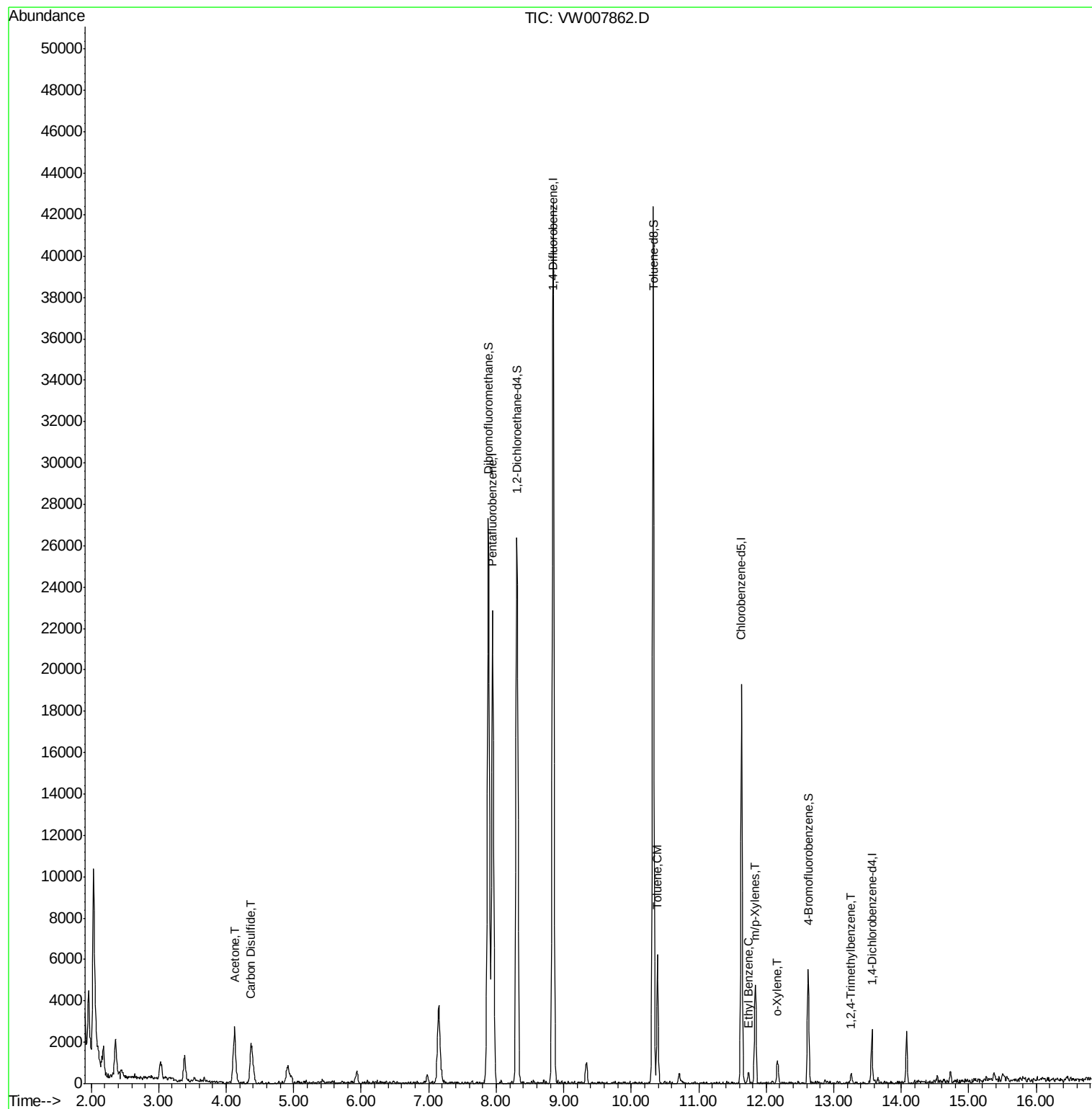
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	16041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	35350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	11053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	21433	121.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	243.82%	
35) Dibromofluoromethane	7.88	113	19930	92.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	184.84%	
50) Toluene-d8	10.32	98	27692	34.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.12%	
62) 4-Bromofluorobenzene	12.62	95	1906	6.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	12.14%	
Target Compounds						
16) Acetone	4.12	43	4506	136.863	ug/l	98
17) Carbon Disulfide	4.37	76	3901	7.965	ug/l	98
52) Toluene	10.38	92	2597	4.251	ug/l	95
67) Ethyl Benzene	11.74	91	656	1.598	ug/l	89
68) m/p-Xylenes	11.84	106	1651	10.367	ug/l	96
69) o-Xylene	12.17	106	365	2.445	ug/l	79
84) 1,2,4-Trimethylbenzene	13.25	105	389	7.098	ug/l	99

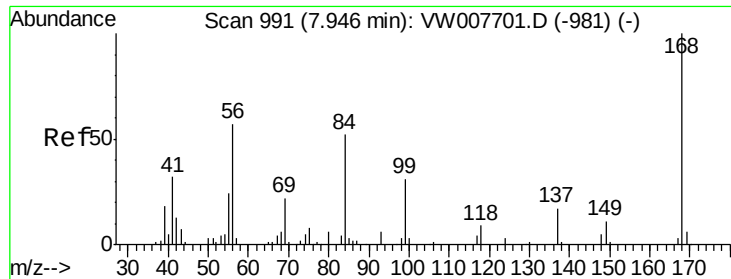
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007862.D

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Instrument :

MSVOA_W

ClientSampleId :

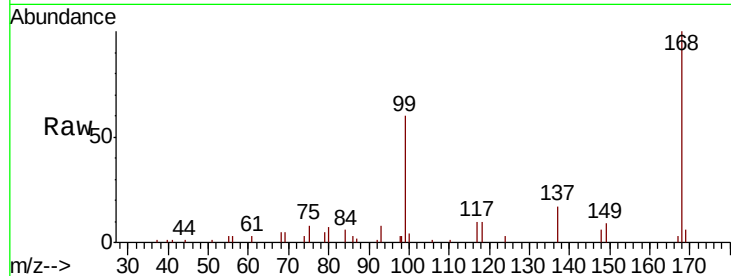
SB-60(0-5)-GRAB

Tgt Ion:168 Resp: 16041

Ion Ratio Lower Upper

168 100

99 59.8 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

8000

6000

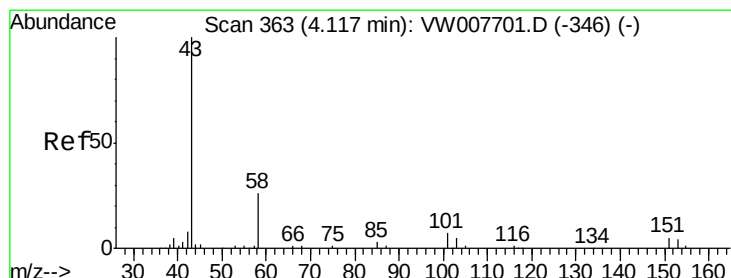
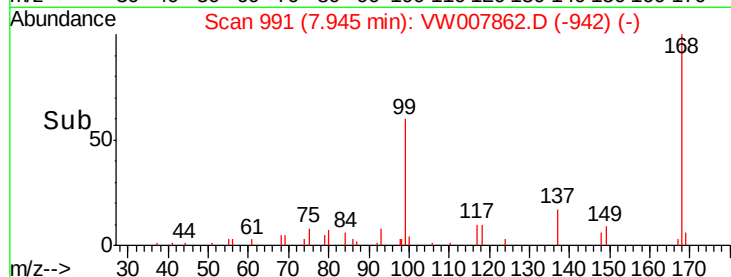
4000

2000

0

Time-->

7.85 7.90 7.95 8.00



#16

Acetone

Concen: 136.863 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007862.D

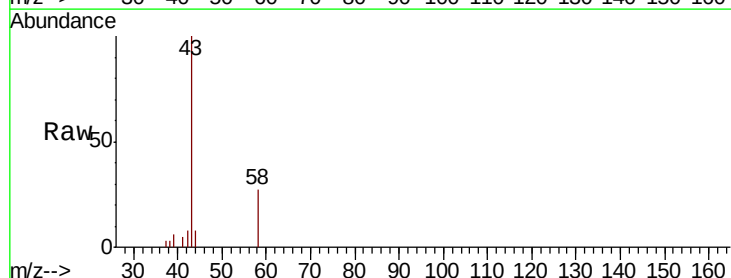
Acq: 22 Dec 2018 23:39

Tgt Ion: 43 Resp: 4506

Ion Ratio Lower Upper

43 100

58 27.3 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

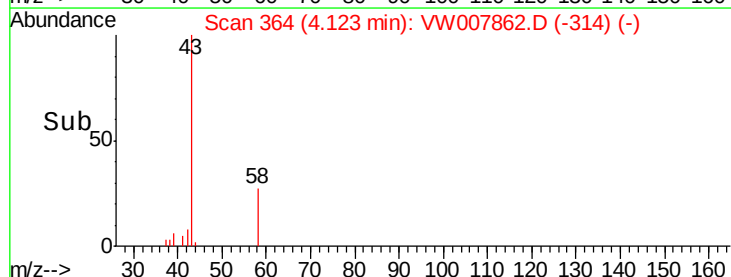
1000

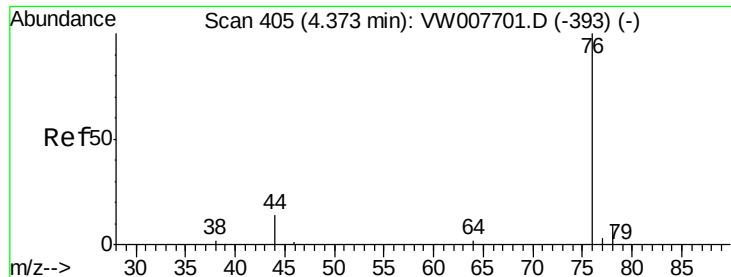
500

0

Time-->

4.00 4.05 4.10 4.15 4.20

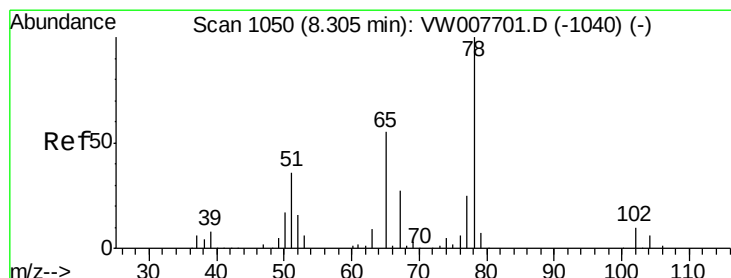
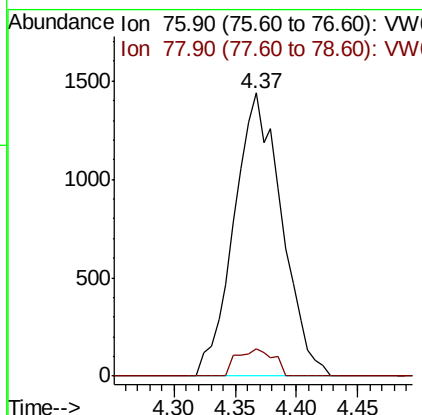
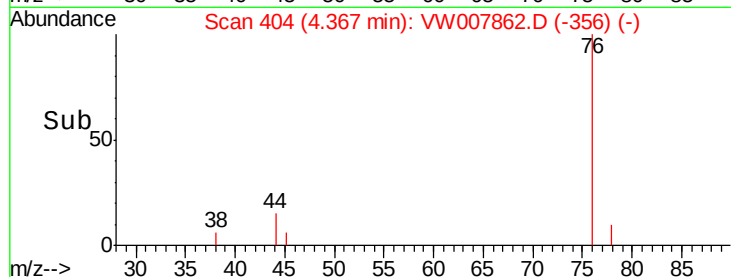
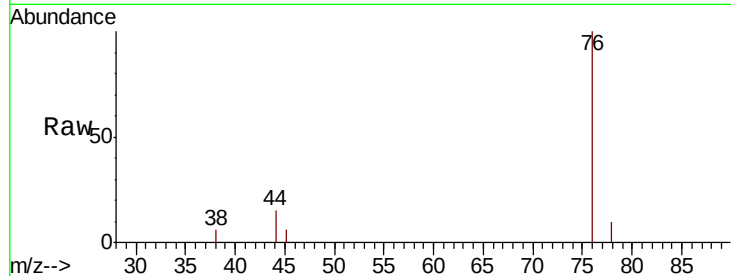




#17
Carbon Disulfide
Concen: 7.965 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW007862.D
Acq: 22 Dec 2018 23:39

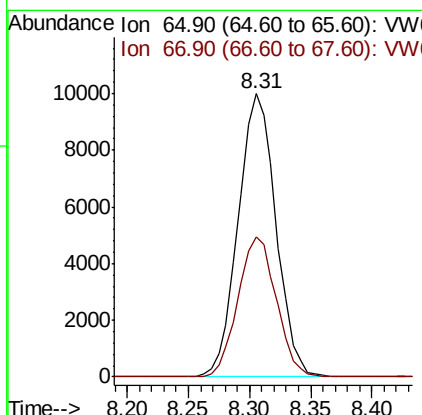
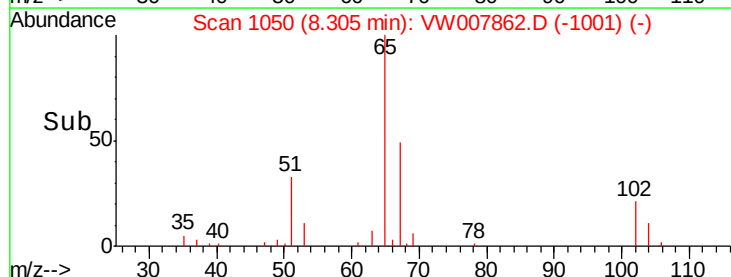
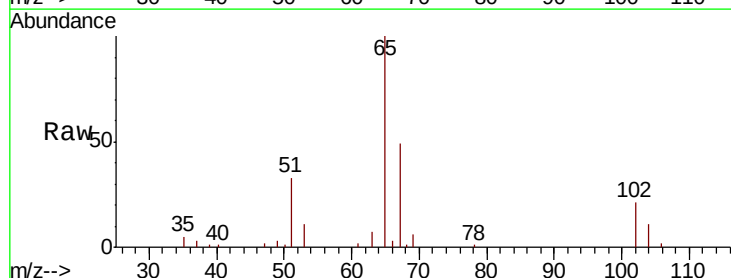
Instrument :
MSVOA_W
ClientSampleId :
SB-60(0-5)-GRAB

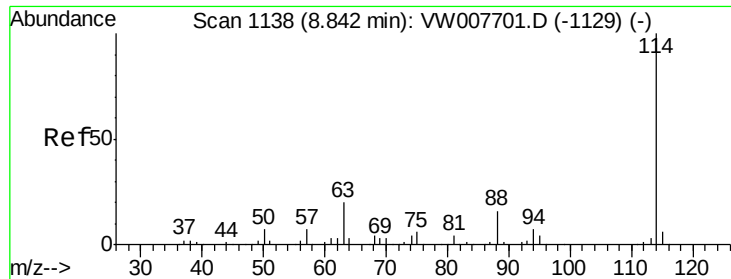
Tgt Ion: 76 Resp: 3901
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 121.906 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007862.D
Acq: 22 Dec 2018 23:39

Tgt Ion: 65 Resp: 21433
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.6

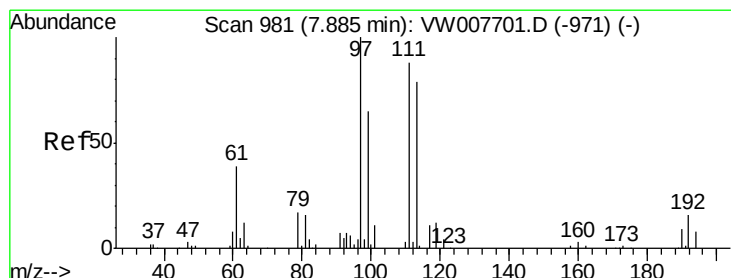
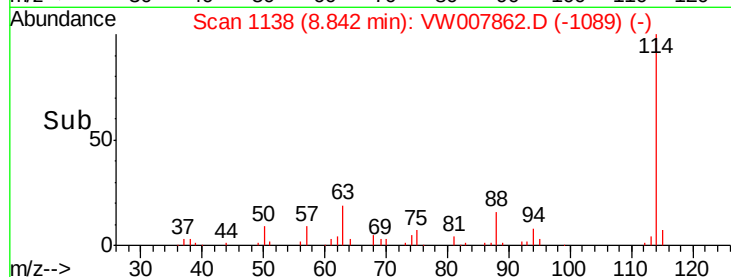
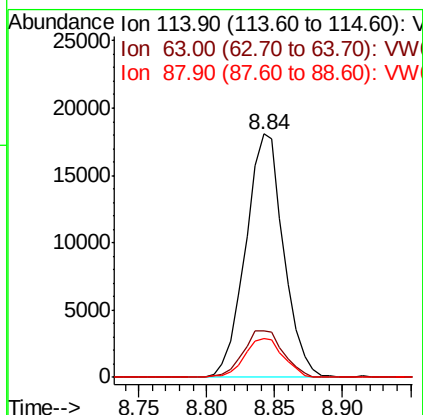
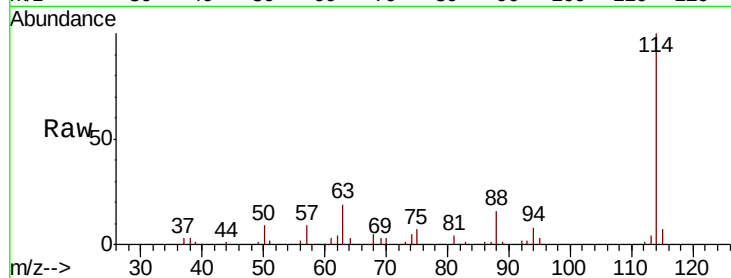




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007862.D
 Acq: 22 Dec 2018 23:39

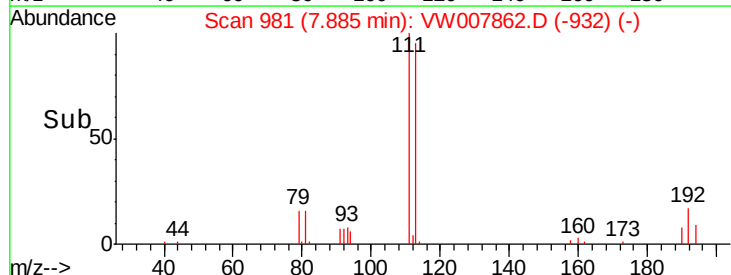
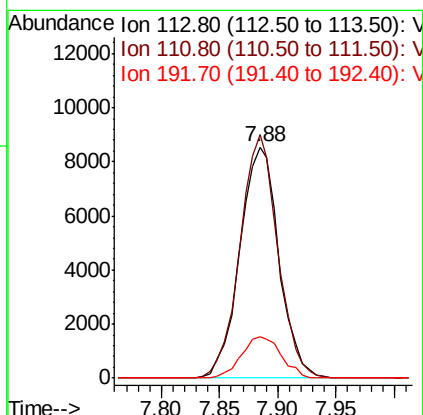
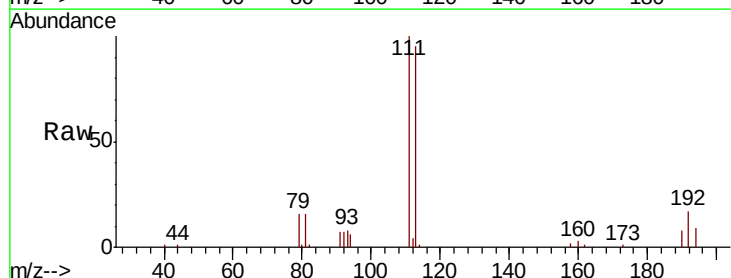
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-60(0-5)-GRAB

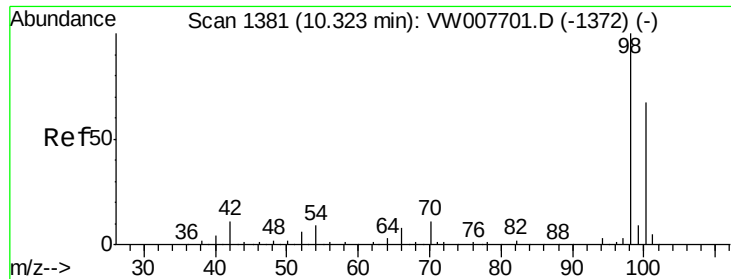
Tgt Ion:	114	Resp:	35350
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.8	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 92.417 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007862.D
 Acq: 22 Dec 2018 23:39

Tgt Ion:	113	Resp:	19930
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	124.0
192	18.0	15.5	23.3

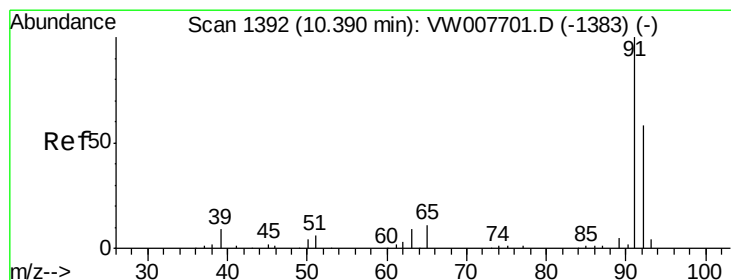
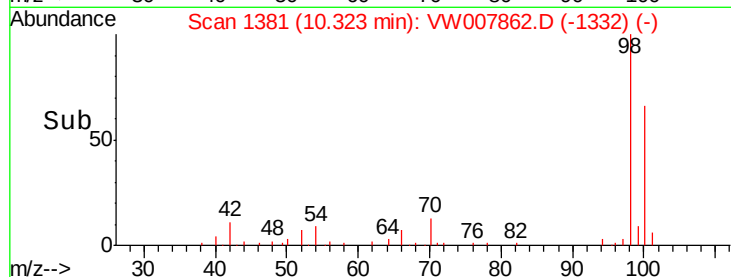
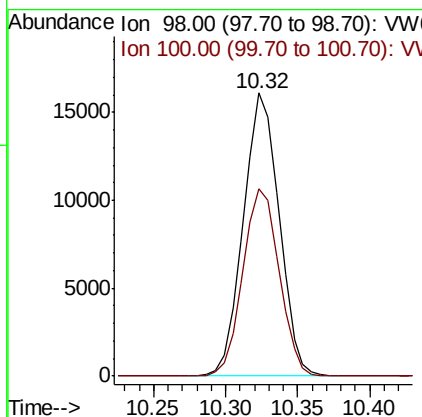
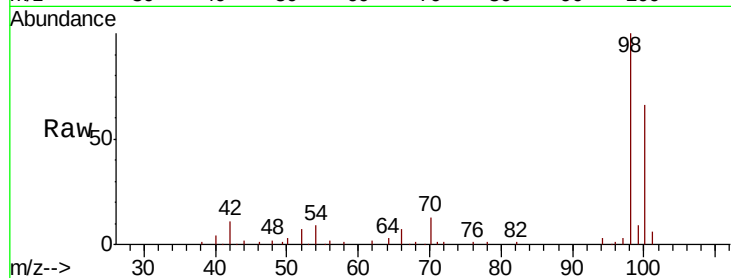




#50
Toluene-d8
Concen: 34.062 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007862.D
Acq: 22 Dec 2018 23:39

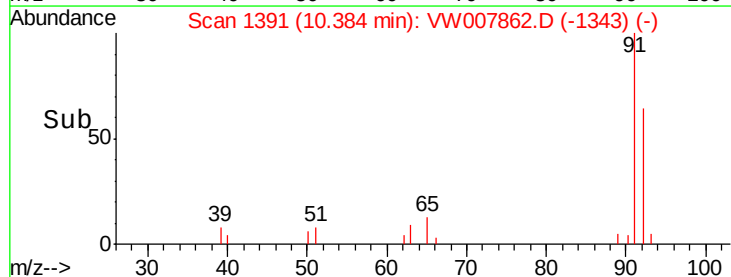
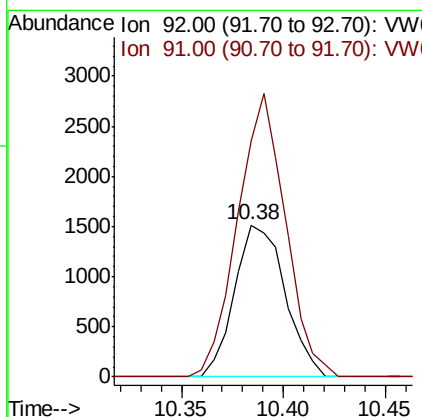
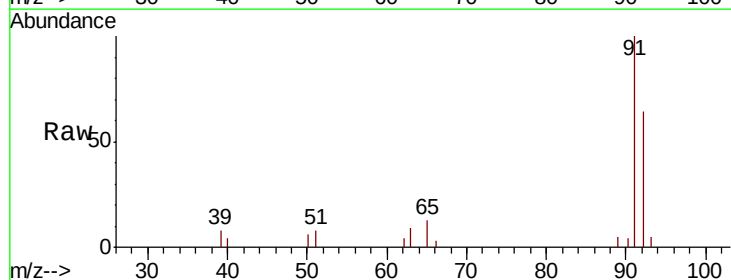
Instrument :
MSVOA_W
ClientSampleId :
SB-60(0-5)-GRAB

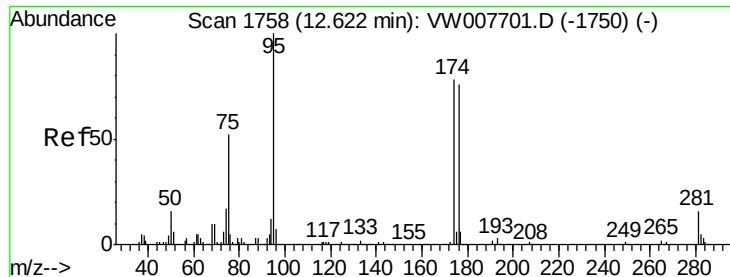
Tgt Ion: 98 Resp: 27692
Ion Ratio Lower Upper
98 100
100 67.0 52.2 78.2



#52
Toluene
Concen: 4.251 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW007862.D
Acq: 22 Dec 2018 23:39

Tgt Ion: 92 Resp: 2597
Ion Ratio Lower Upper
92 100
91 177.4 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 6.069 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007862.D

Acq: 22 Dec 2018 23:39

Instrument :

MSVOA_W

ClientSampleId :

SB-60(0-5)-GRAB

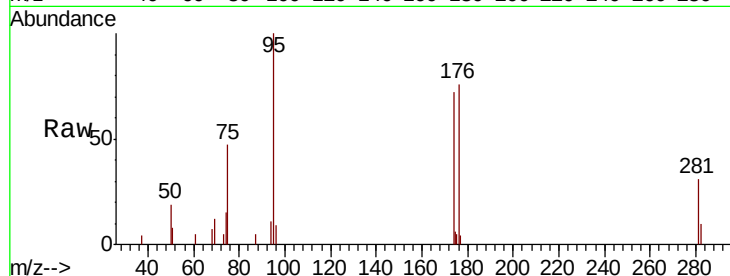
Tgt Ion: 95 Resp: 1906

Ion Ratio Lower Upper

95 100

174 74.7 0.0 152.2

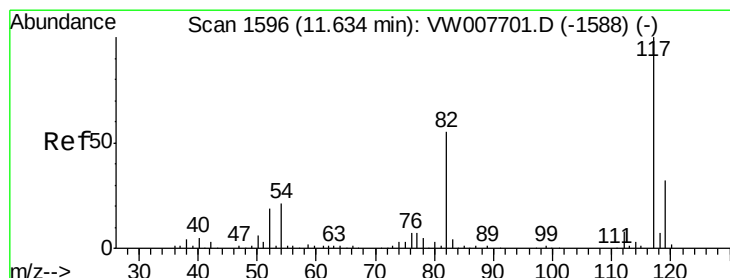
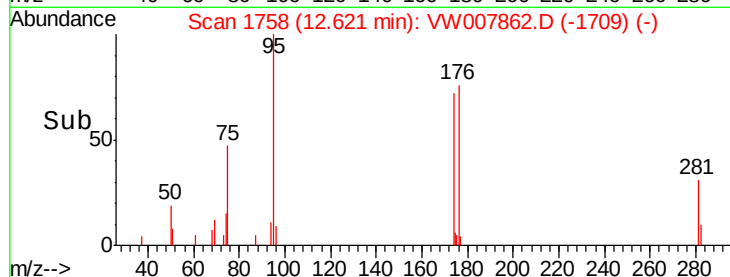
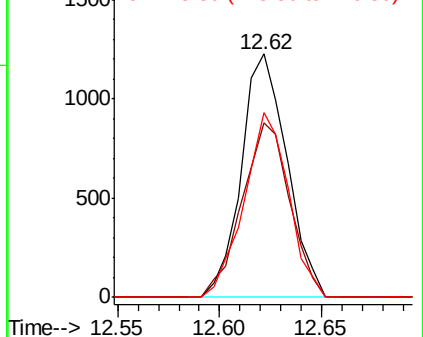
176 73.6 0.0 146.8



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: VW007862.D

Acq: 22 Dec 2018 23:39

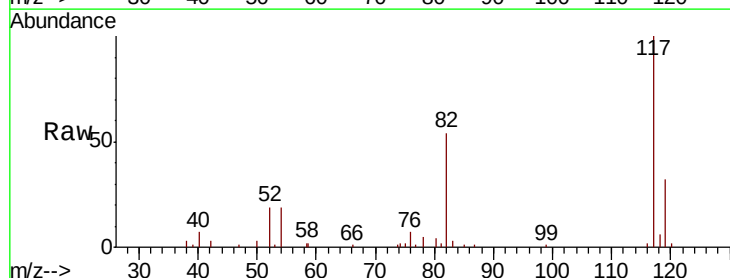
Tgt Ion: 117 Resp: 11053

Ion Ratio Lower Upper

117 100

82 54.0 44.3 66.5

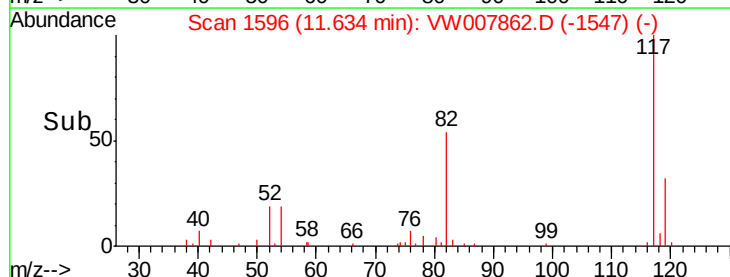
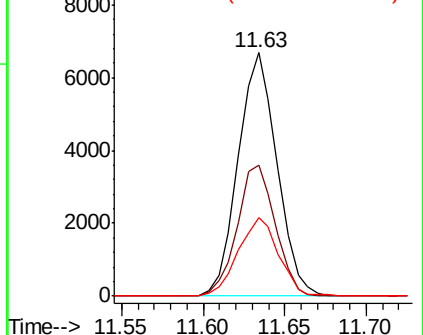
119 32.5 25.7 38.5

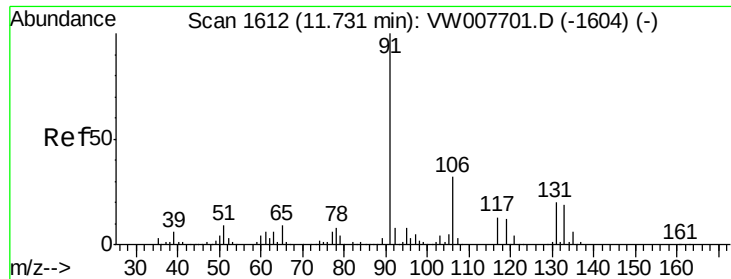


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

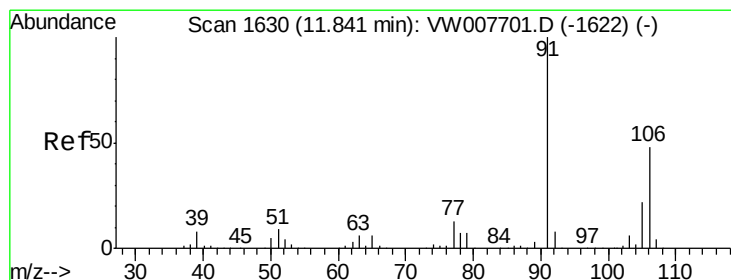
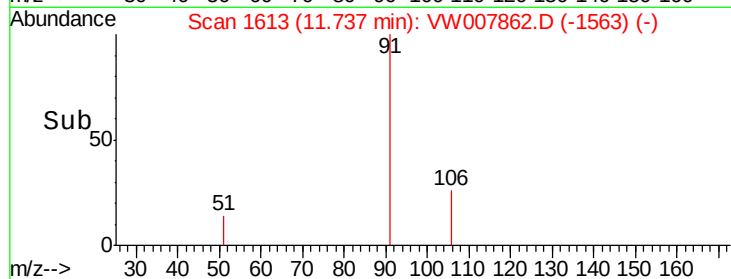
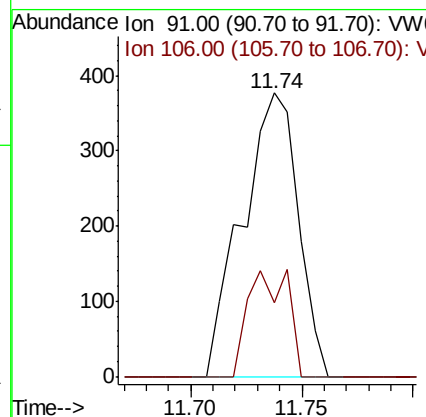
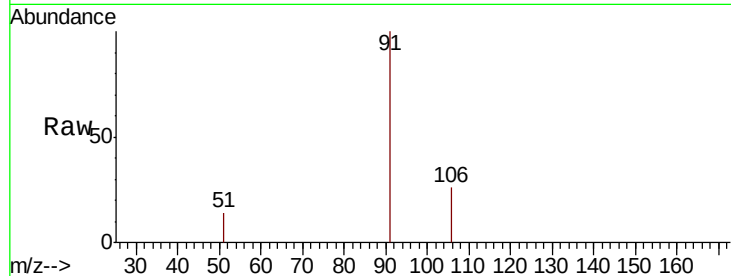




#67
Ethyl Benzene
Concen: 1.598 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007862.D
Acq: 22 Dec 2018 23:39

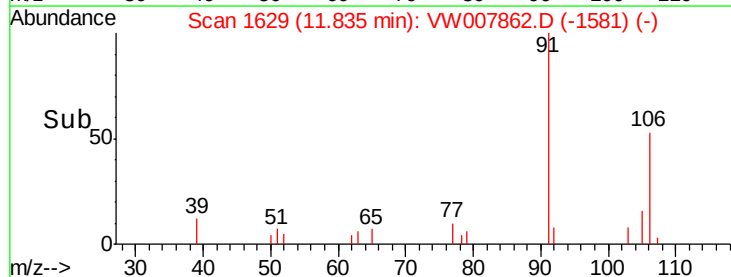
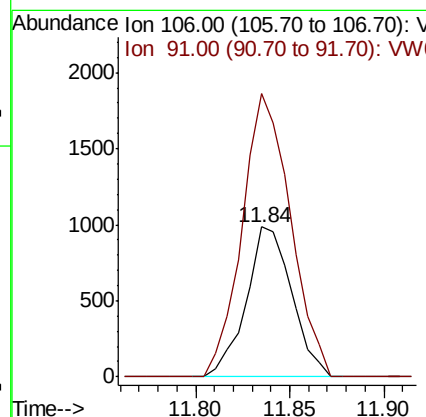
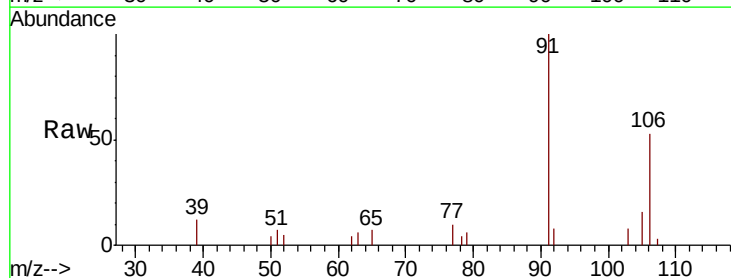
Instrument :
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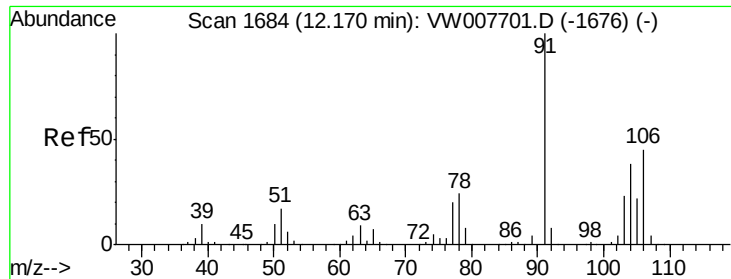
Tgt Ion: 91 Resp: 656
Ion Ratio Lower Upper
91 100
106 26.0 25.8 38.8



#68
m/p-Xylenes
Concen: 10.367 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007862.D
Acq: 22 Dec 2018 23:39

Tgt Ion: 106 Resp: 1651
Ion Ratio Lower Upper
106 100
91 200.7 165.2 247.8

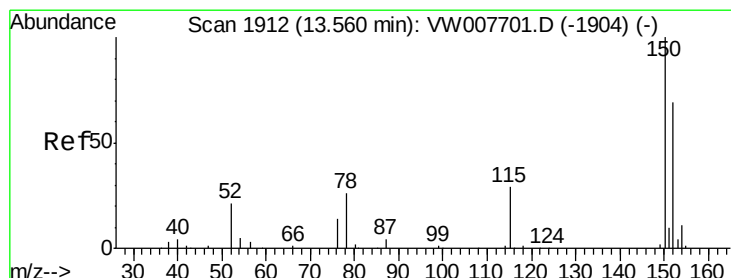
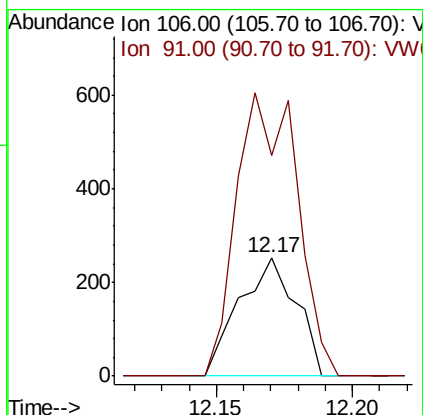
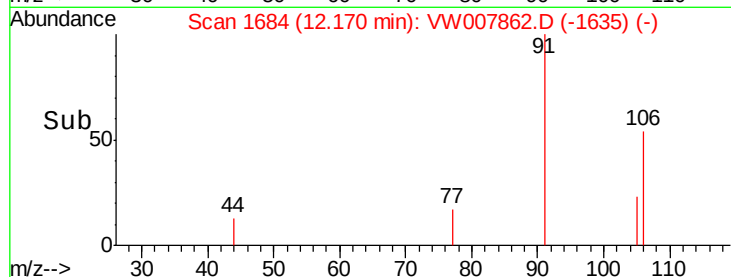
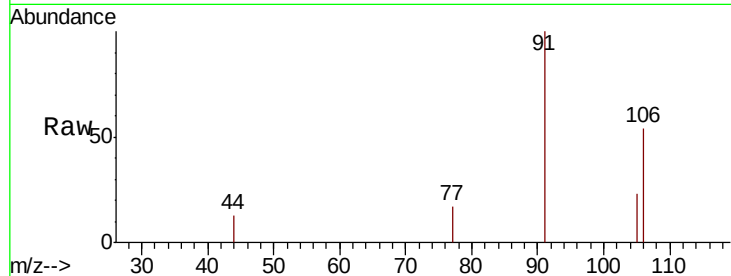




#69
o-Xylene
Concen: 2.445 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007862.D
Acq: 22 Dec 2018 23:39

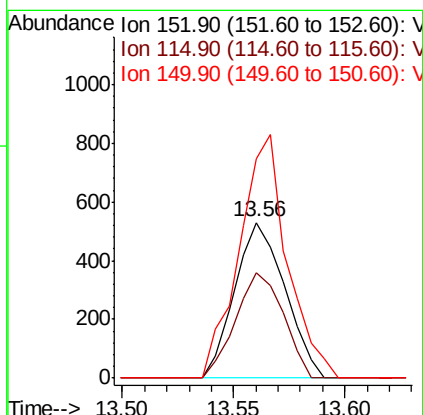
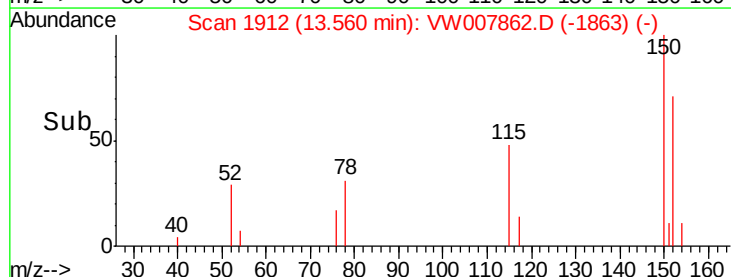
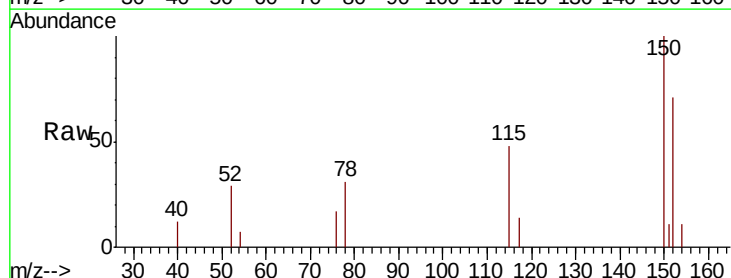
Instrument :
MSVOA_W
ClientSampleId :
SB-60(0-5)-GRAB

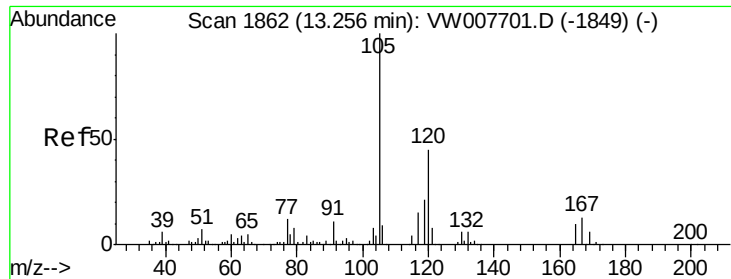
Tgt Ion:106 Resp: 365
Ion Ratio Lower Upper
106 100
91 254.0 110.5 331.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007862.D
Acq: 22 Dec 2018 23:39

Tgt Ion:152 Resp: 833
Ion Ratio Lower Upper
152 100
115 64.3 31.8 95.4
150 149.6 0.0 350.8





#84
 1,2,4-Trimethylbenzene
 Concen: 7.098 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW007862.D
 Acq: 22 Dec 2018 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-60(0-5)-GRAB

Tgt Ion:105 Resp: 389
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.0 66.0

