

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008837.D
 Acq On : 26 Feb 2019 18:11
 Operator : SY/VA
 Sample : K1594-26
 Misc : 6.69G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-2B(21-22)

Quant Time: Feb 27 07:03:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	369829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	565745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	501603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245991	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	191843	55.31	ug/l	0.00
Spiked Amount			Recovery	=	110.62%	
35) Dibromofluoromethane	7.88	113	172095	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
50) Toluene-d8	10.32	98	675840	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.62	95	236998	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	

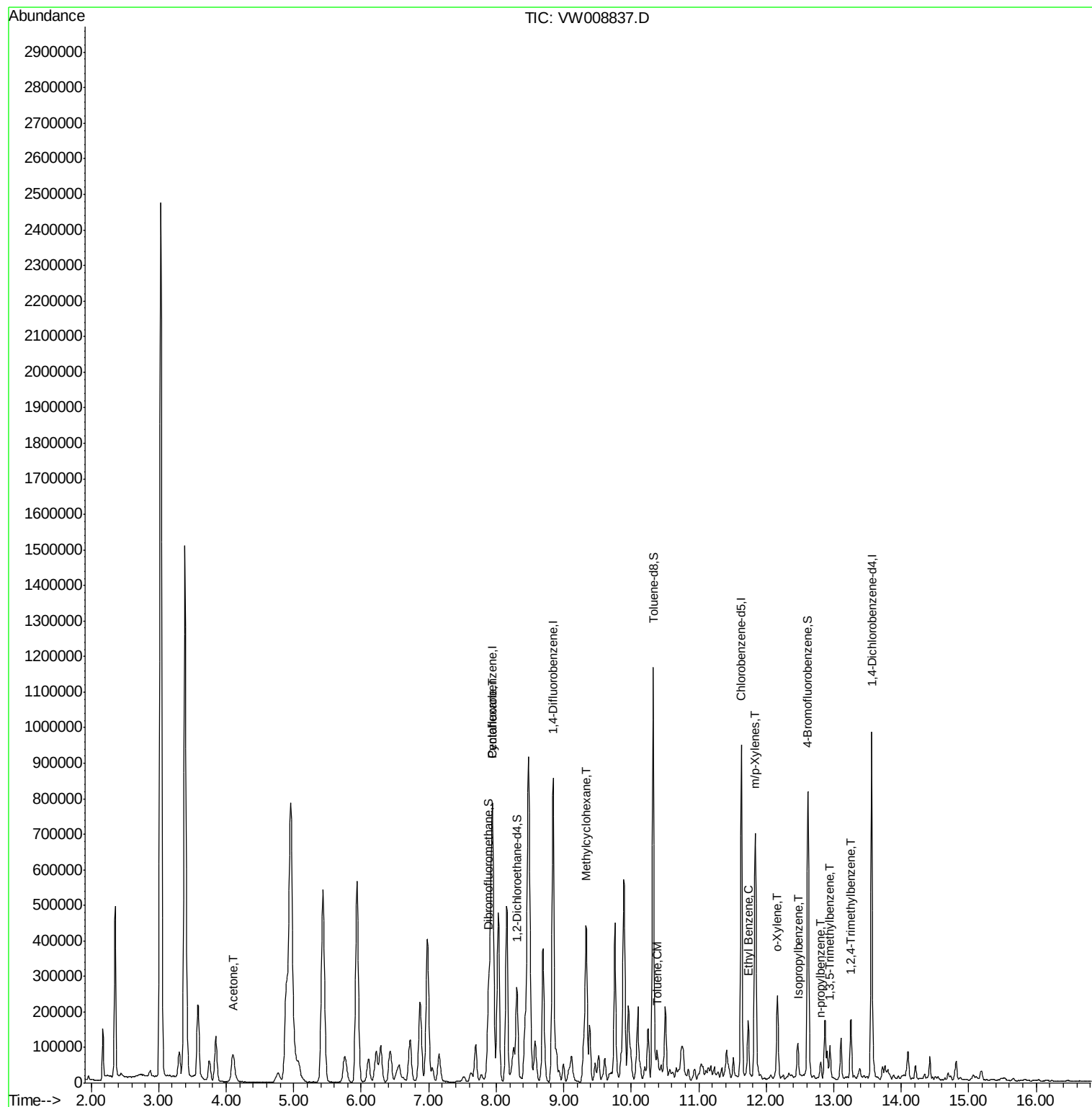
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.10	43	68676	85.417	ug/l #	54
31) Cyclohexane	7.95	56	173413	26.519	ug/l	89
39) Methylcyclohexane	9.34	83	135243	19.688	ug/l	94
52) Toluene	10.38	92	31823	3.118	ug/l	100
67) Ethyl Benzene	11.73	91	99314	5.267	ug/l	97
68) m/p-Xylenes	11.84	106	201631	26.765	ug/l	99
69) o-Xylene	12.16	106	59803	8.457	ug/l	100
73) Isopropylbenzene	12.47	105	62027	3.678	ug/l	99
78) n-propylbenzene	12.80	91	34497	1.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	37640	2.568	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	91602	6.038	ug/l	98

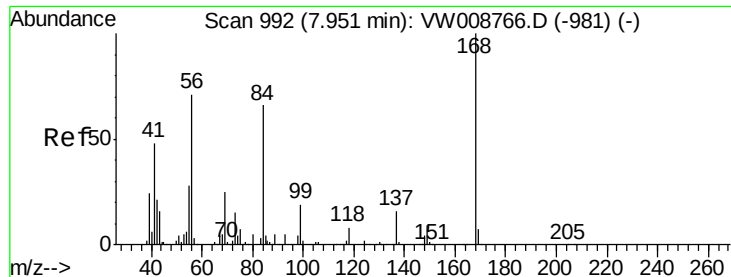
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022619\
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Instrument :
MSVOA_W
ClientSampleId :
B-2B(21-22)

Quant Time: Feb 27 07:03:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
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: VW008837.D

Acq: 26 Feb 2019 18:11

Instrument :

MSVOA_W

ClientSampleId :

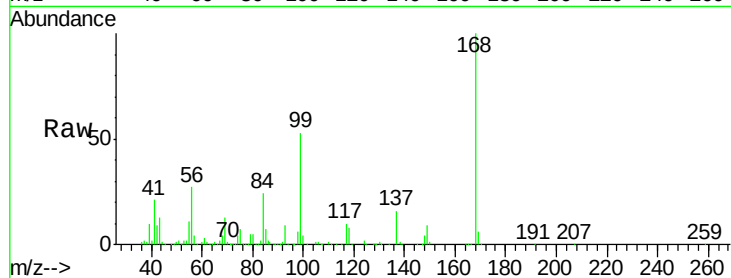
B-2B(21-22)

Tot Ion:168 Resp: 369829

Ion Ratio Lower Upper

168 100

99 52.5 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

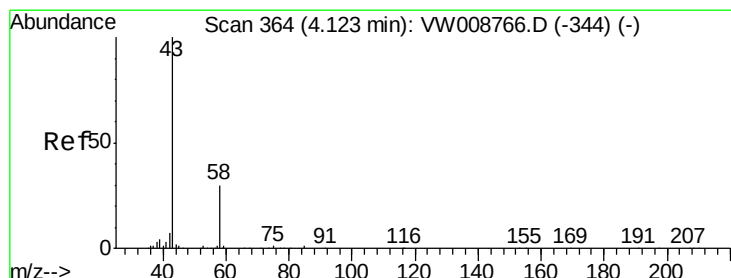
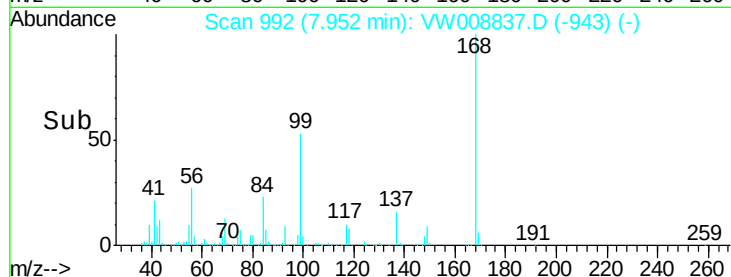
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 85.417 ug/l

RT: 4.10 min Scan# 360

Delta R.T. -0.02 min

Lab File: VW008837.D

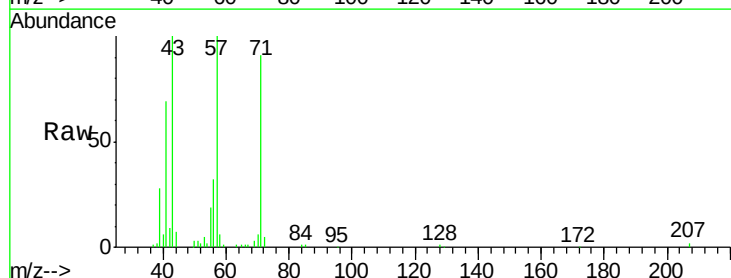
Acq: 26 Feb 2019 18:11

Tgt Ion: 43 Resp: 68676

Ion Ratio Lower Upper

43 100

58 4.8 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.10

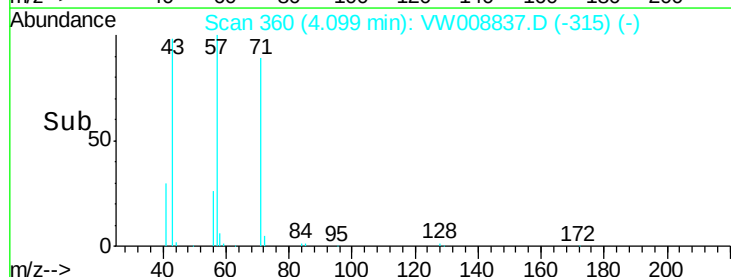
15000

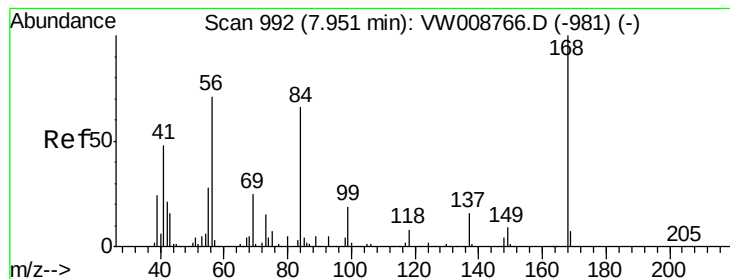
10000

5000

0

Time-->





#31

Cyclohexane

Concen: 26.519 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008837.D

Acq: 26 Feb 2019 18:11

Instrument :

MSVOA_W

ClientSampleId :

B-2B(21-22)

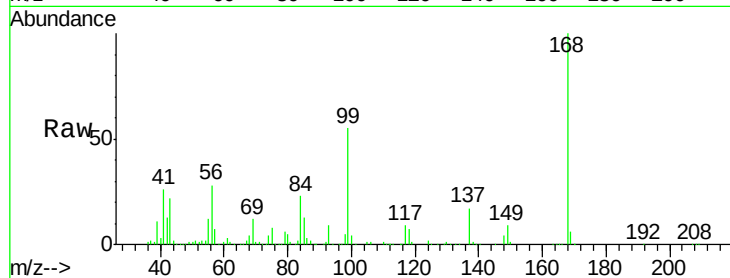
Tot Ion: 56 Resp: 173413

Ion Ratio Lower Upper

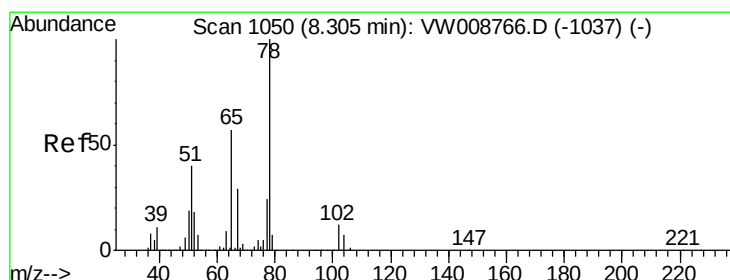
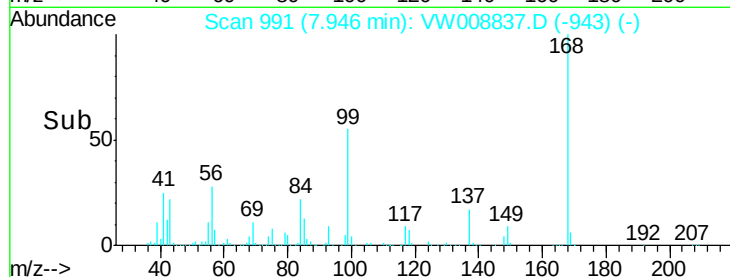
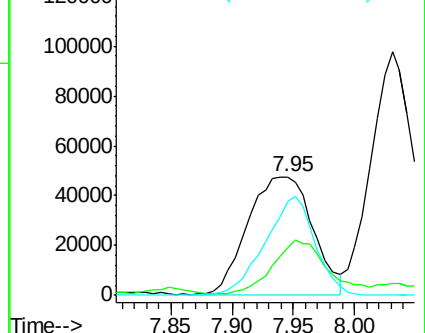
56 100

69 37.8 28.2 42.4

84 80.0 74.1 111.1



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 55.307 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008837.D

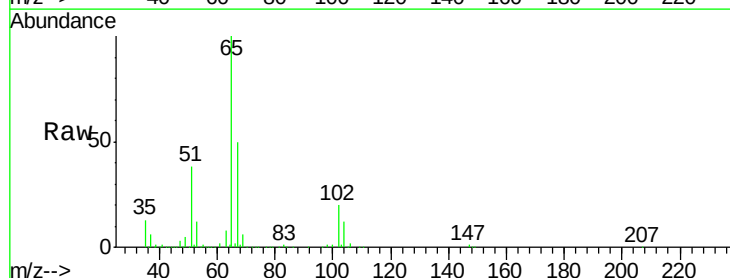
Acq: 26 Feb 2019 18:11

Tgt Ion: 65 Resp: 191843

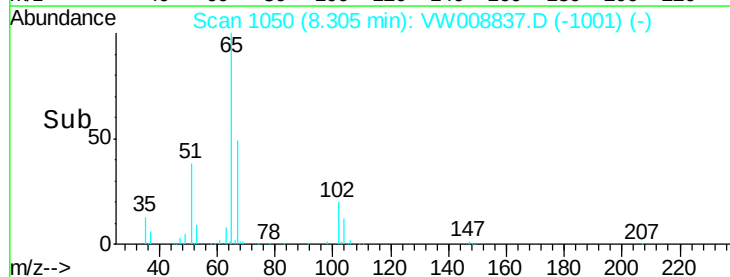
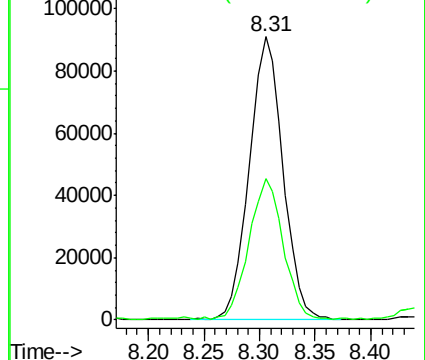
Ion Ratio Lower Upper

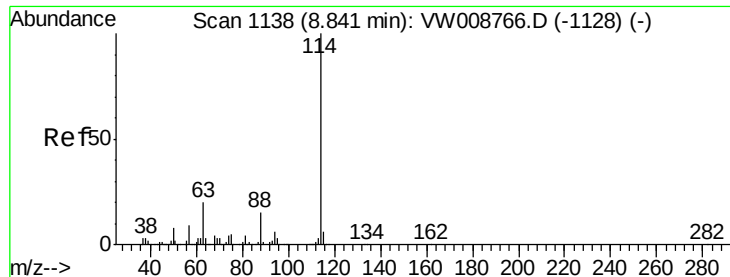
65 100

67 50.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008837.D

Acq: 26 Feb 2019 18:11

Instrument :

MSVOA_W

ClientSampleId :

B-2B(21-22)

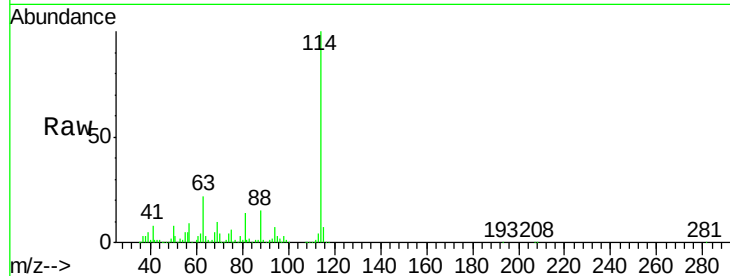
Tot Ion:114 Resp: 565745

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

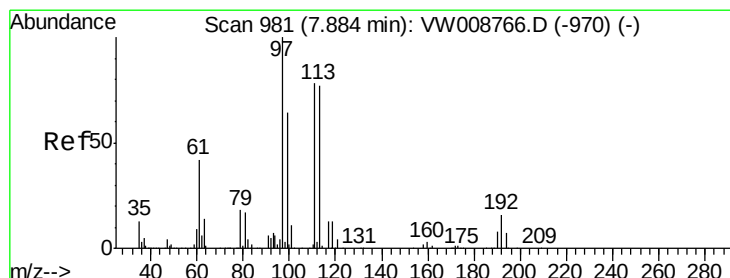
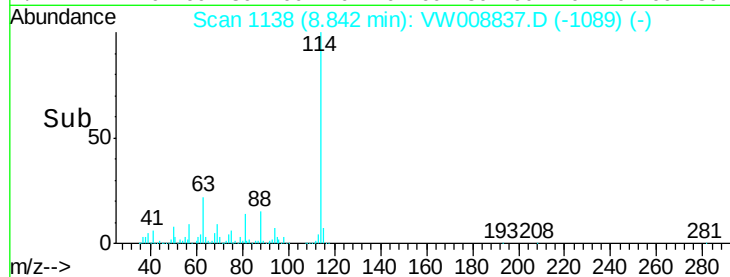
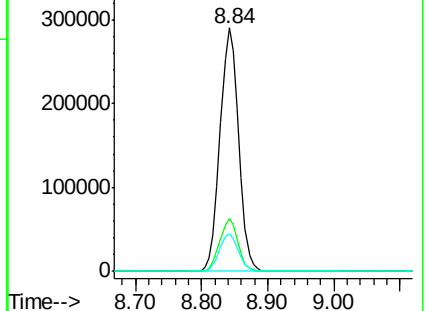
88 15.4 0.0 30.4



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: 50.664 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008837.D

Acq: 26 Feb 2019 18:11

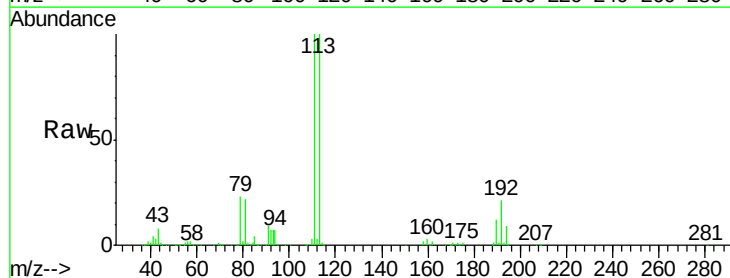
Tgt Ion:113 Resp: 172095

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

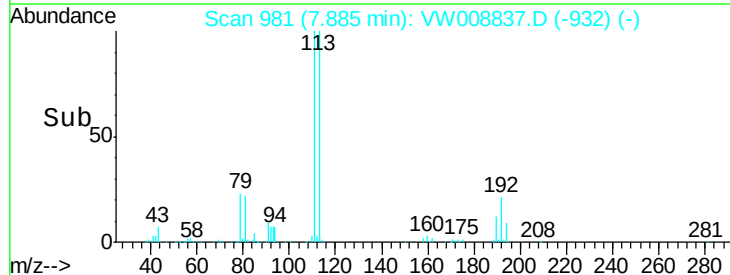
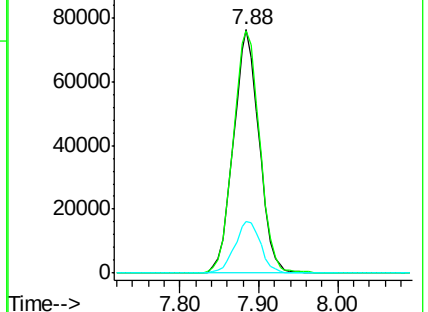
192 21.5 17.1 25.7

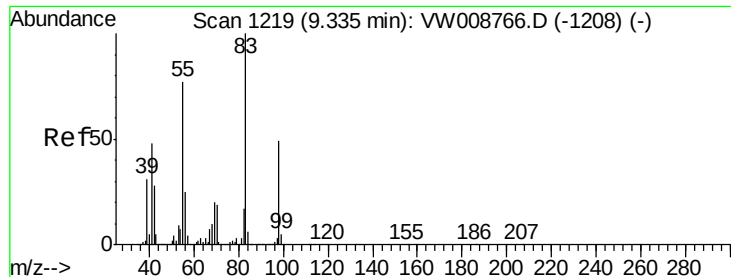


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

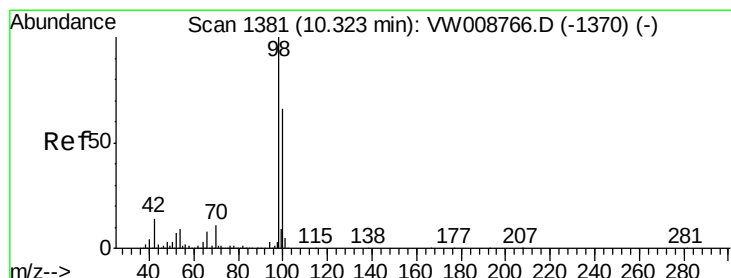
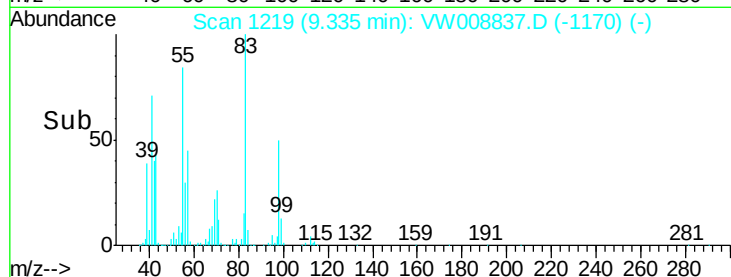
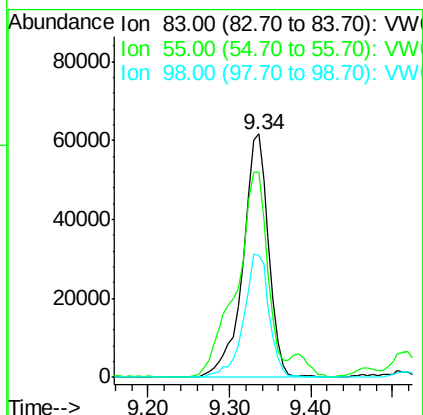
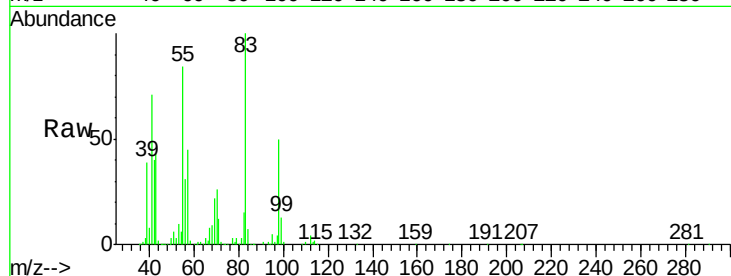




#39
Methylcyclohexane
Concen: 19.688 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008837.D
Acq: 26 Feb 2019 18:11

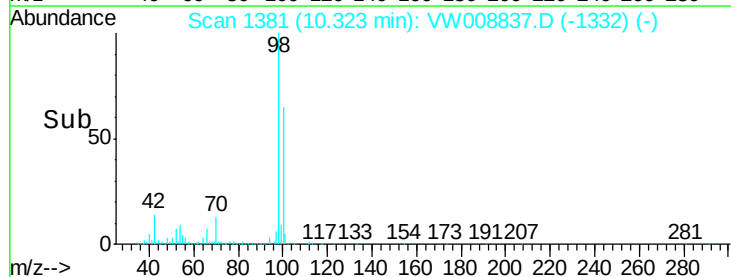
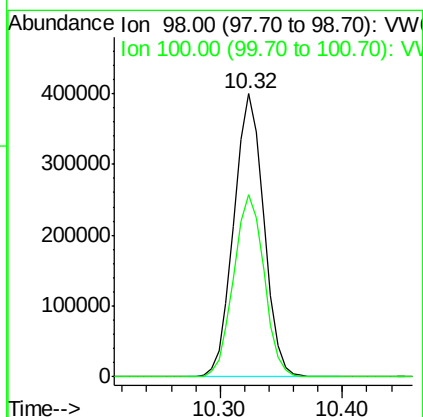
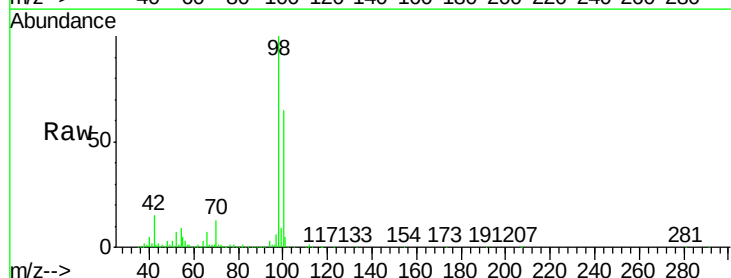
Instrument :
MSVOA_W
ClientSampled :
B-2B(21-22)

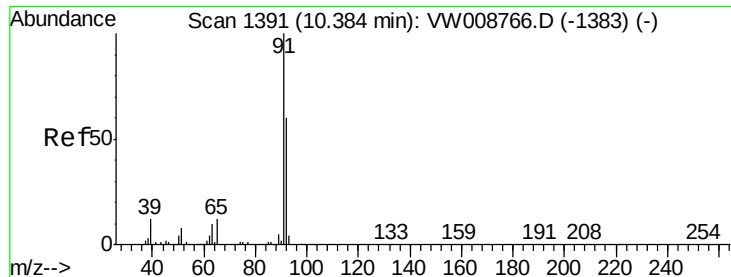
Tot Ion	83.00	Resp	135243
Ion Ratio	Lower	Upper	
83	100		
55	83.9	61.2	91.8
98	50.2	39.4	59.2



#50
Toluene-d8
Concen: 51.541 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008837.D
Acq: 26 Feb 2019 18:11

Tgt Ion	98	Resp	675840
Ion Ratio	Lower	Upper	
98	100		
100	65.5	52.4	78.6





#52

Toluene

Concen: 3.118 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008837.D

Acq: 26 Feb 2019 18:11

Instrument :

MSVOA_W

ClientSampleId :

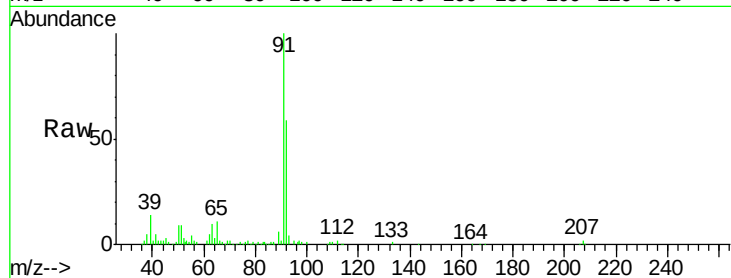
B-2B(21-22)

Tot Ion: 92 Resp: 31823

Ion Ratio Lower Upper

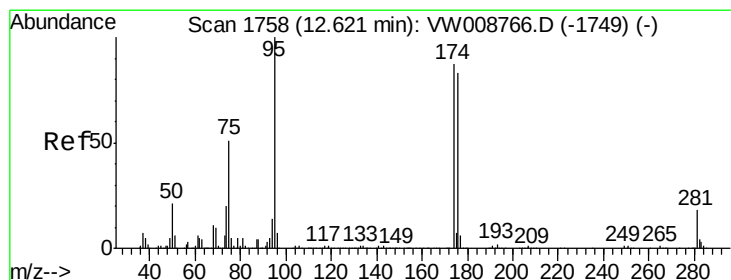
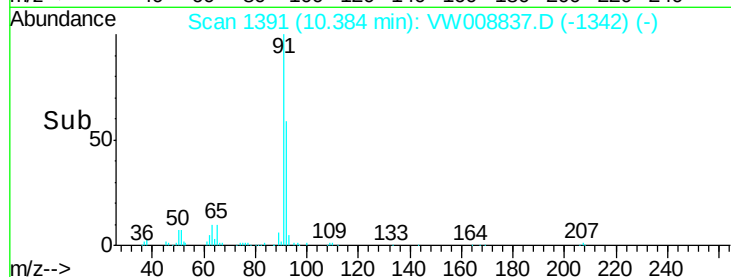
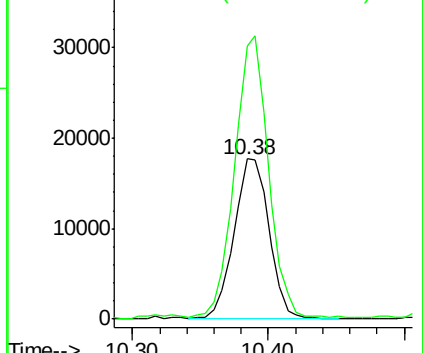
92 100

91 170.6 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 46.161 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008837.D

Acq: 26 Feb 2019 18:11

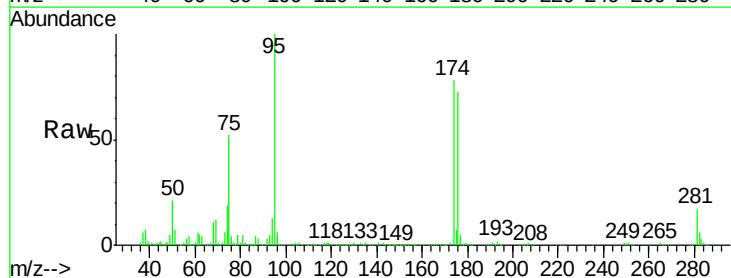
Tgt Ion: 95 Resp: 236998

Ion Ratio Lower Upper

95 100

174 85.3 0.0 169.2

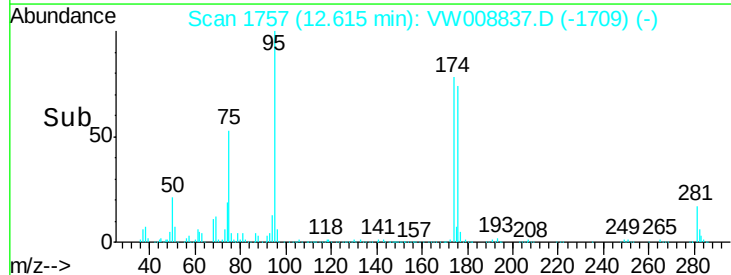
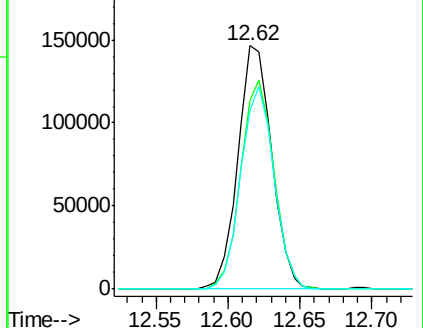
176 82.5 0.0 163.6

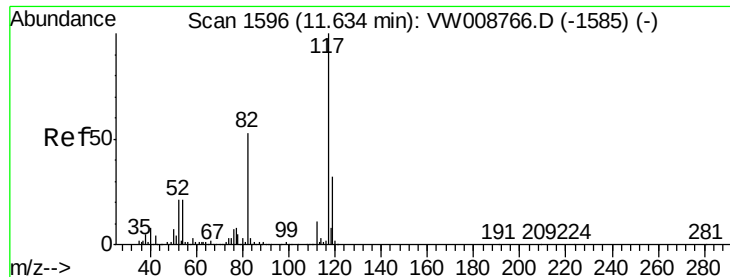


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

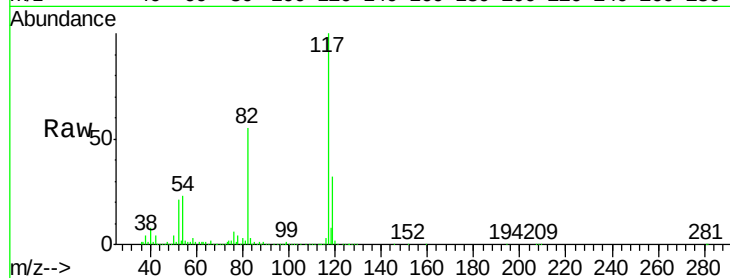




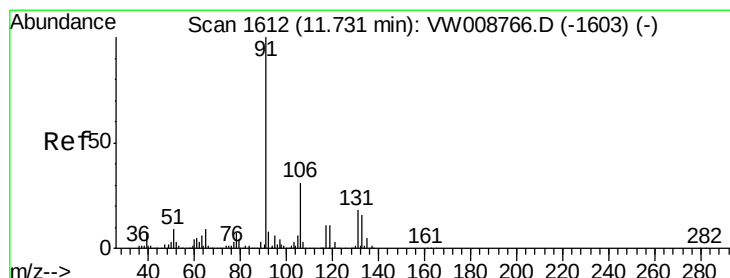
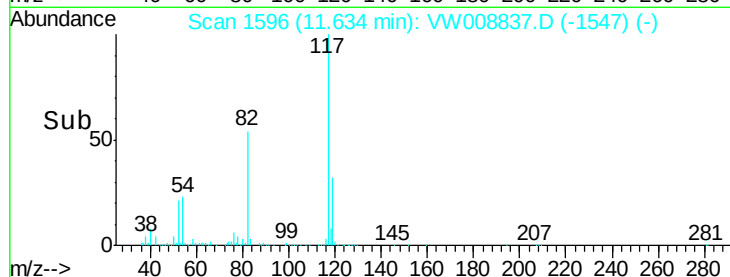
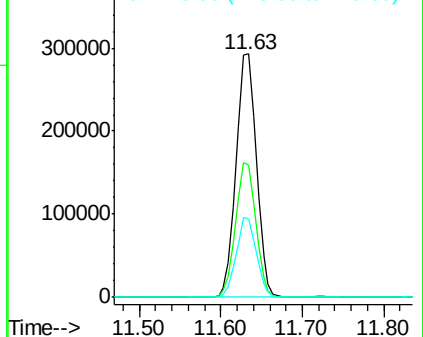
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008837.D
Acq: 26 Feb 2019 18:11

Instrument :
MSVOA_W
ClientSampleId :
B-2B(21-22)

Tot Ion:117 Resp: 501603
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.4
119 32.0 25.9 38.9

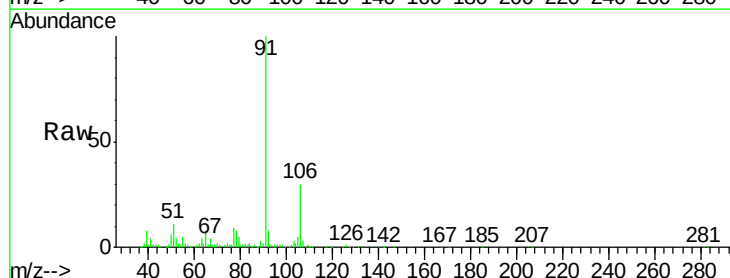


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

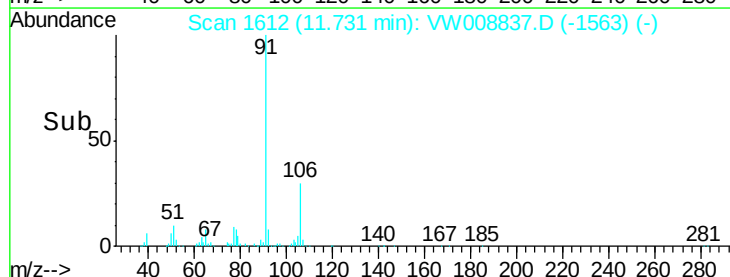
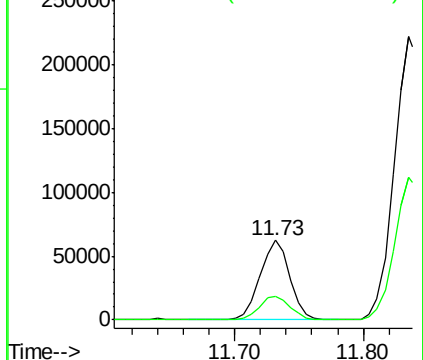


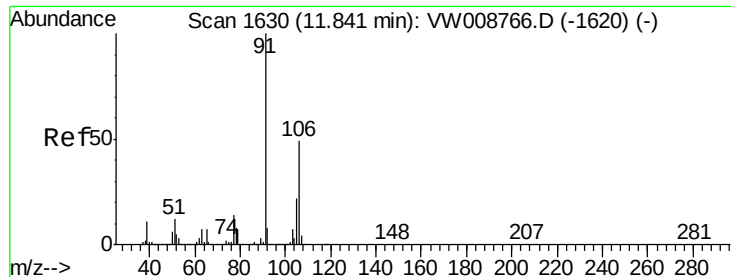
#67
Ethyl Benzene
Concen: 5.267 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008837.D
Acq: 26 Feb 2019 18:11

Tgt Ion: 91 Resp: 99314
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.6



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

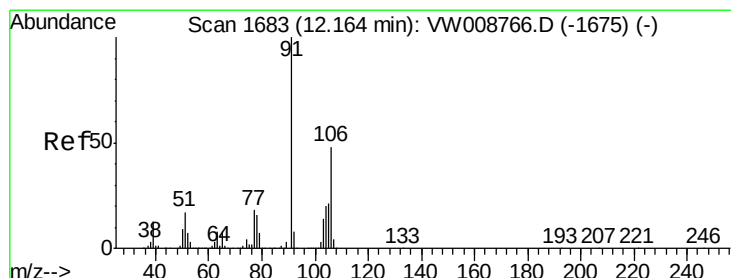
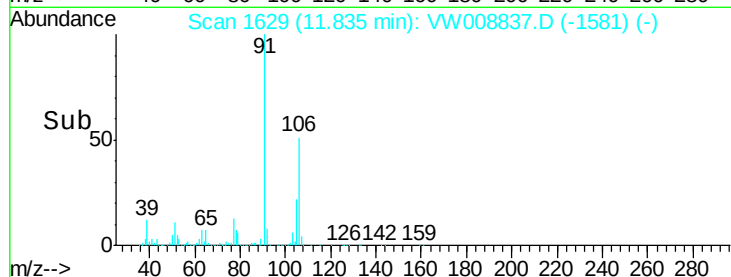
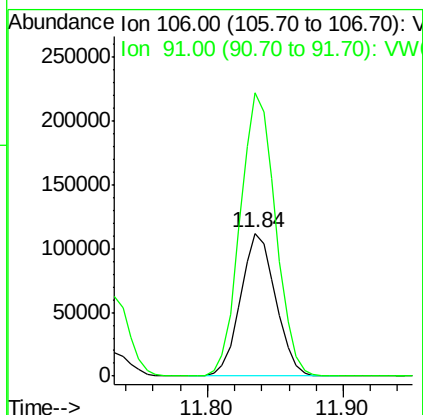
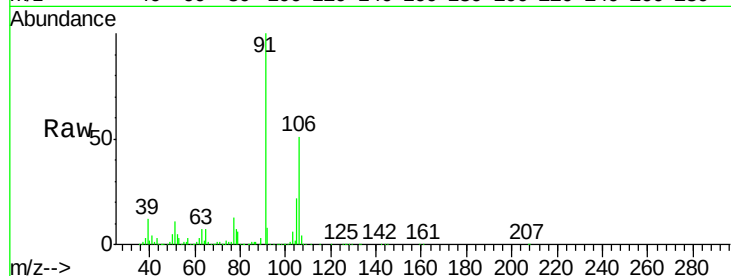




#68
m/p-Xylenes
Concen: 26.765 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008837.D
Acq: 26 Feb 2019 18:11

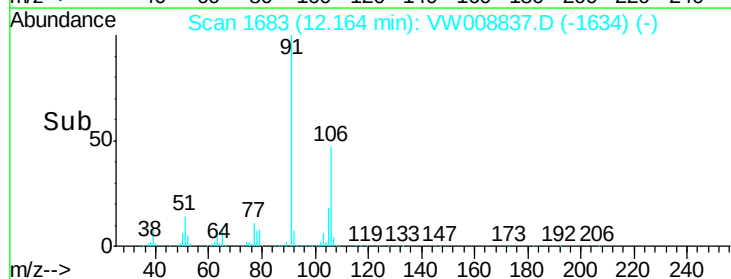
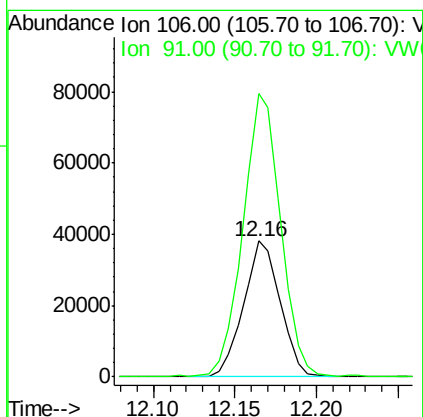
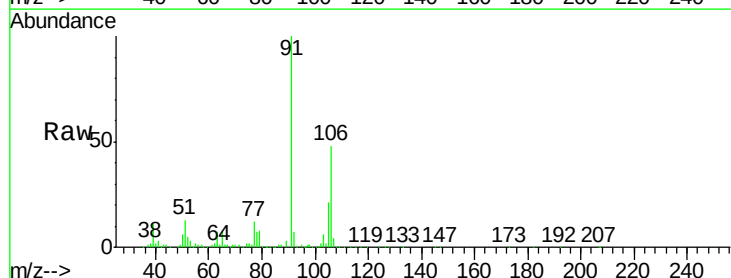
Instrument :
MSVOA_W
ClientSampleId :
B-2B(21-22)

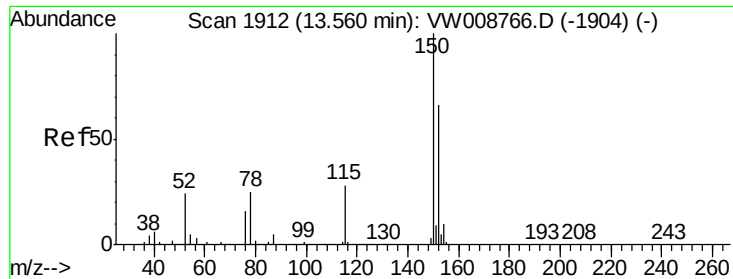
Tot Ion:106 Resp: 201631
Ion Ratio Lower Upper
106 100
91 199.8 161.5 242.3



#69
o-Xylene
Concen: 8.457 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008837.D
Acq: 26 Feb 2019 18:11

Tgt Ion:106 Resp: 59803
Ion Ratio Lower Upper
106 100
91 212.6 106.2 318.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008837.D

Acq: 26 Feb 2019 18:11

Instrument :

MSVOA_W

ClientSampleId :

B-2B(21-22)

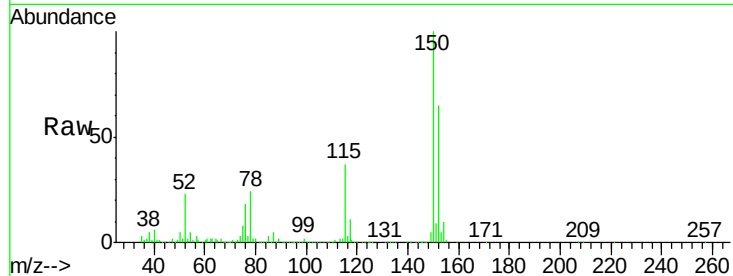
Tot Ion:152 Resp: 245991

Ion Ratio Lower Upper

152 100

115 57.2 28.6 85.8

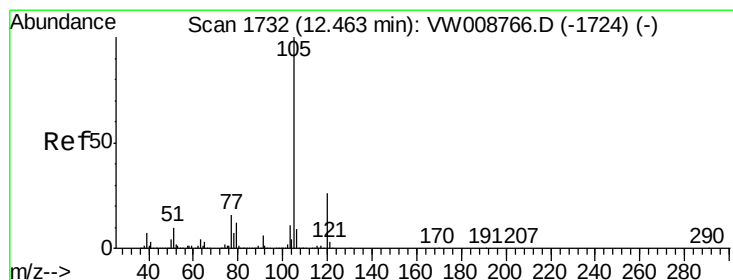
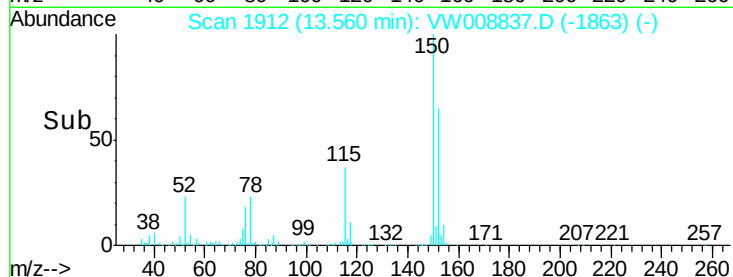
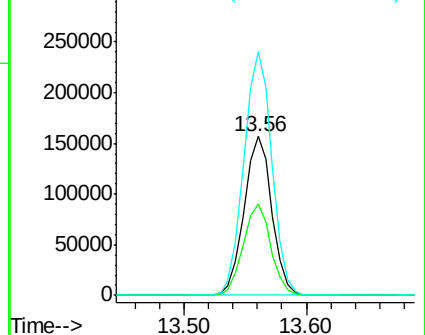
150 155.3 0.0 348.0



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: 3.678 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008837.D

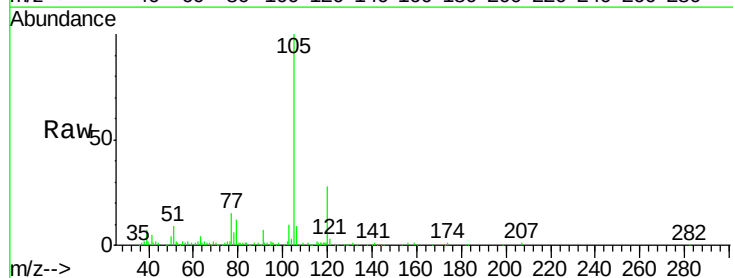
Acq: 26 Feb 2019 18:11

Tgt Ion:105 Resp: 62027

Ion Ratio Lower Upper

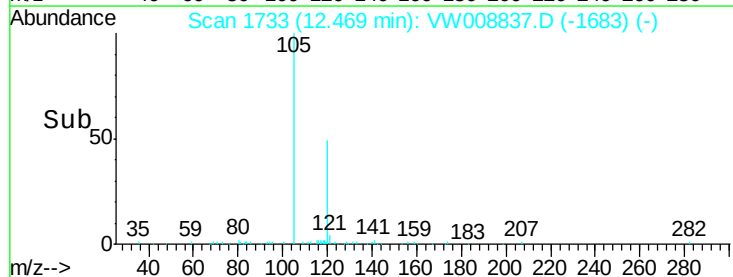
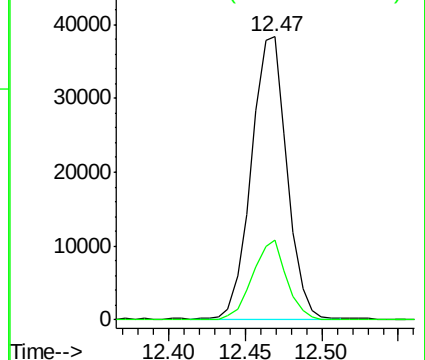
105 100

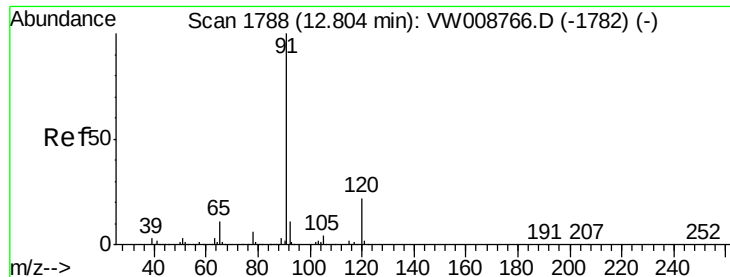
120 27.2 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.672 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008837.D

Acq: 26 Feb 2019 18:11

Instrument :

MSVOA_W

ClientSampleId :

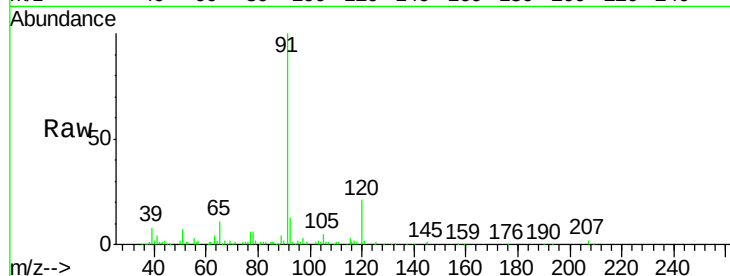
B-2B(21-22)

Tot Ion: 91 Resp: 34497

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

12.80

25000

20000

15000

10000

5000

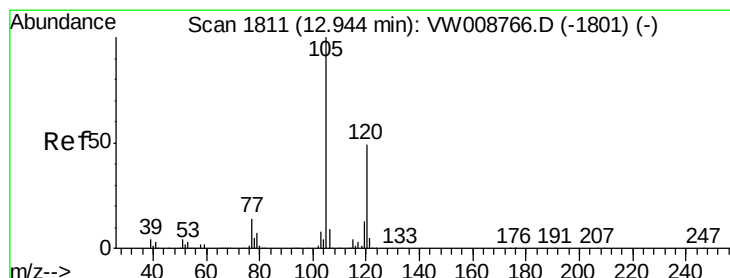
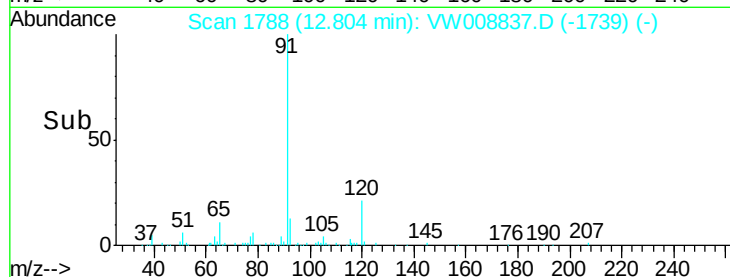
0

Time-->

12.75

12.80

12.85



#80

1,3,5-Trimethylbenzene

Concen: 2.568 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008837.D

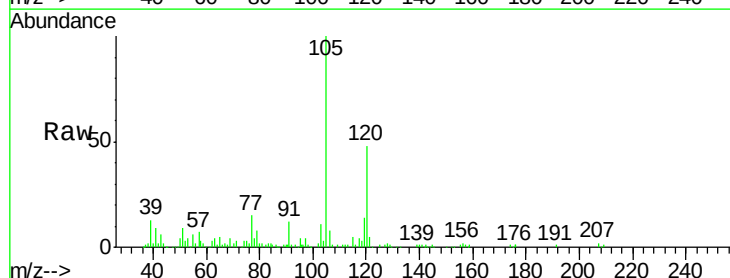
Acq: 26 Feb 2019 18:11

Tgt Ion:105 Resp: 37640

Ion Ratio Lower Upper

105 100

120 51.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.94

30000

20000

10000

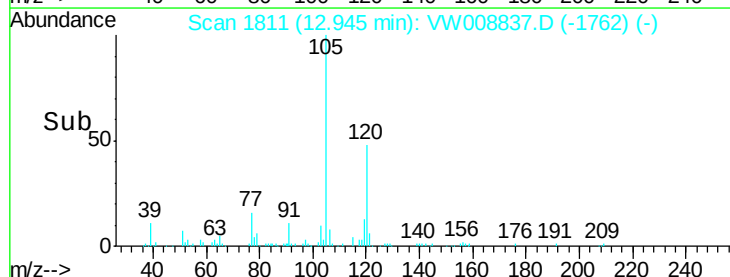
0

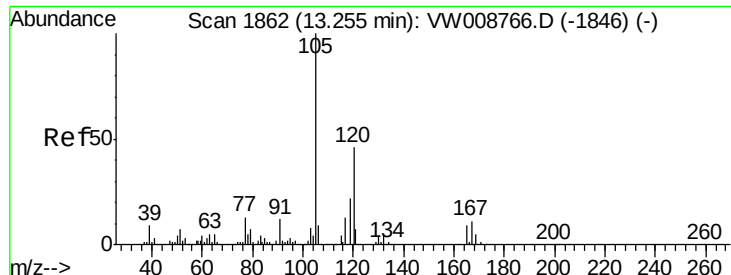
Time-->

12.90

12.95

13.00





#84

1,2,4-Trimethylbenzene

Concen: 6.038 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008837.D

Acq: 26 Feb 2019 18:11

Instrument :

MSVOA_W

ClientSampleId :

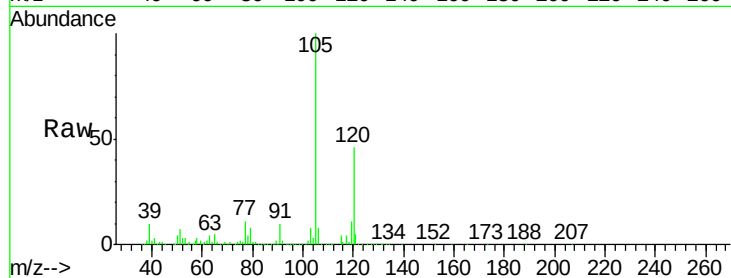
B-2B(21-22)

Tot Ion:105 Resp: 91602

Ion Ratio Lower Upper

105 100

120 47.0 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

