

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008865.D
 Acq On : 27 Feb 2019 19:56
 Operator : SY/VA
 Sample : K1353-03RE
 Misc : 6.31G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-022619-BRE

Quant Time: Feb 28 07:53:15 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

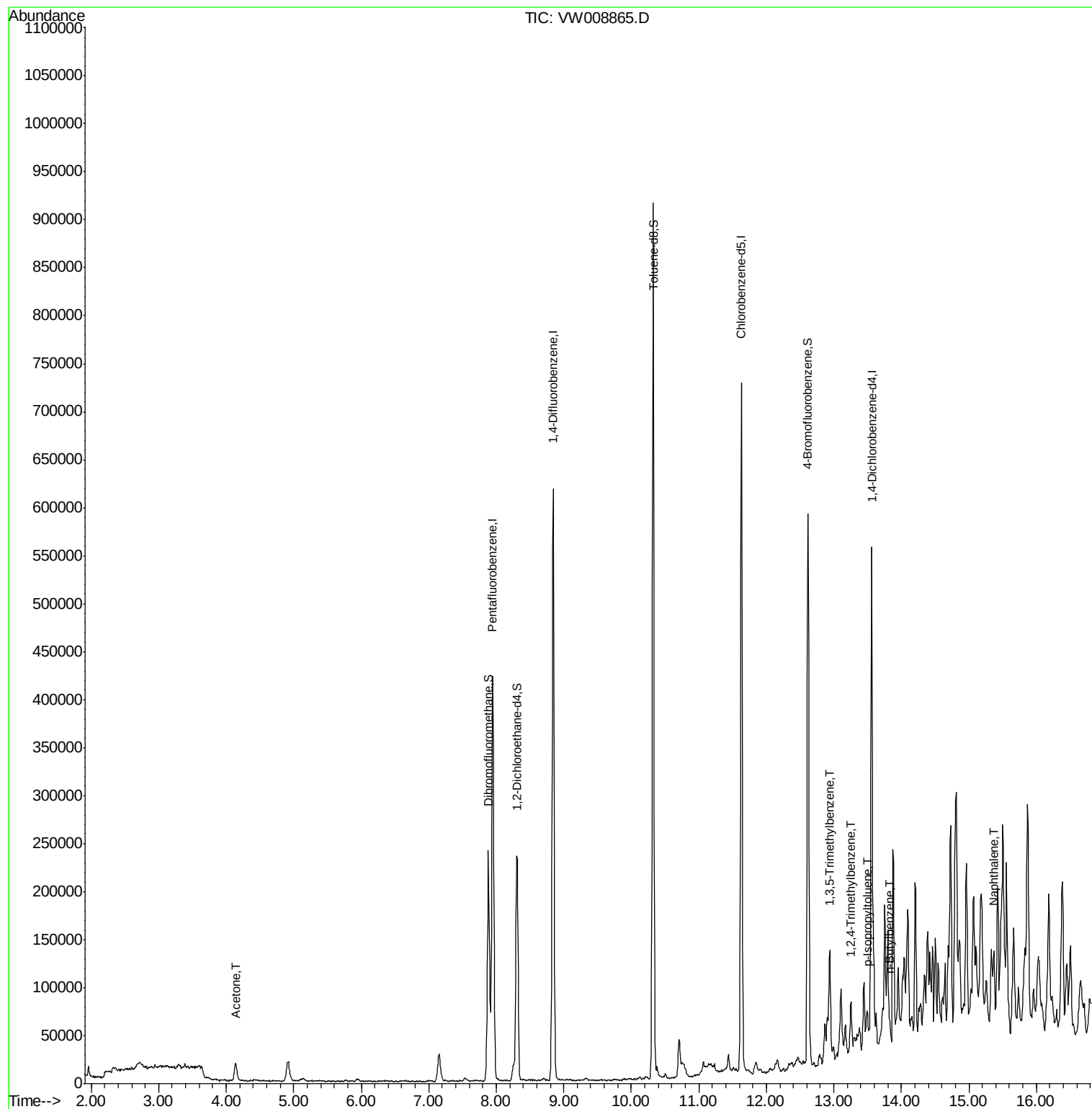
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	321102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	509862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	184264	61.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.36%	
35) Dibromofluoromethane	7.88	113	161427	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
50) Toluene-d8	10.32	98	576979	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.62	95	158739	34.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.62%	
Target Compounds						
16) Acetone	4.14	43	31865	45.647	ug/l	92
80) 1,3,5-Trimethylbenzene	12.94	105	29931	3.867	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	30534	3.811	ug/l	99
86) p-Isopropyltoluene	13.50	119	10490	1.189	ug/l	95
89) n-Butylbenzene	13.83	91	10246	1.240	ug/l #	74
95) Naphthalene	15.37	128	47383	9.926	ug/l	99

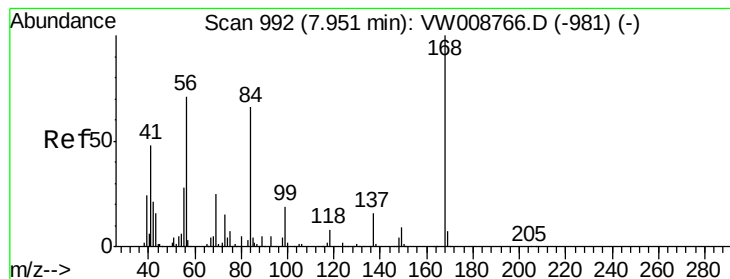
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 28 07:53:15 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: VW008865.D

Acq: 27 Feb 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

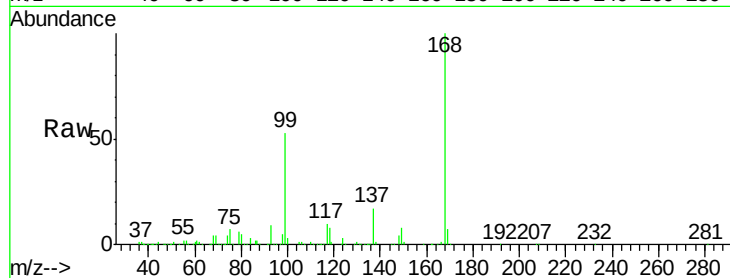
PL-02-022619-BRE

Tot Ion:168 Resp: 321102

Ion Ratio Lower Upper

168 100

99 53.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

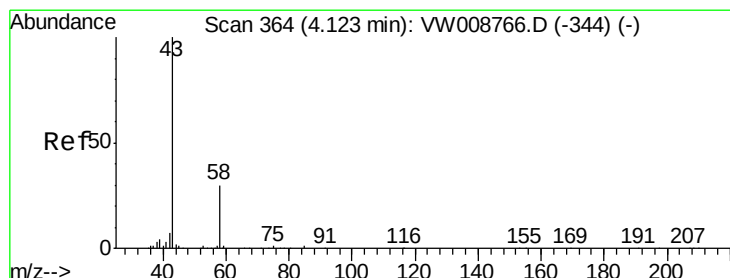
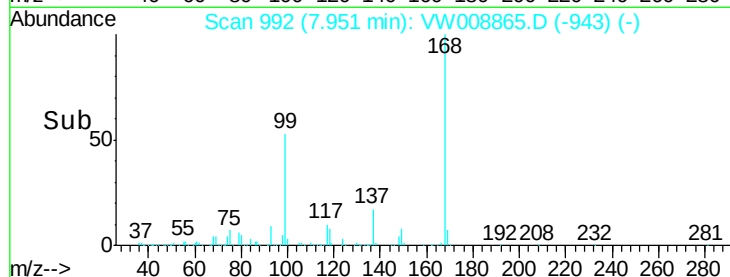
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 45.647 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW008865.D

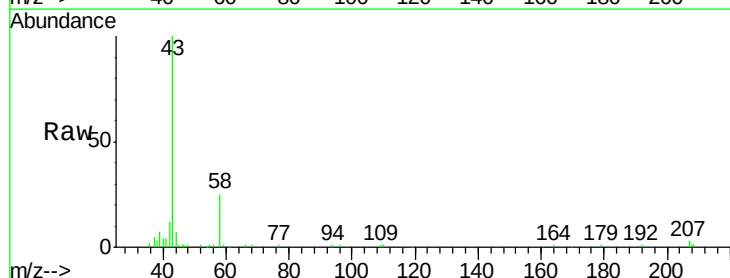
Acq: 27 Feb 2019 19:56

Tgt Ion: 43 Resp: 31865

Ion Ratio Lower Upper

43 100

58 25.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

12000

10000

8000

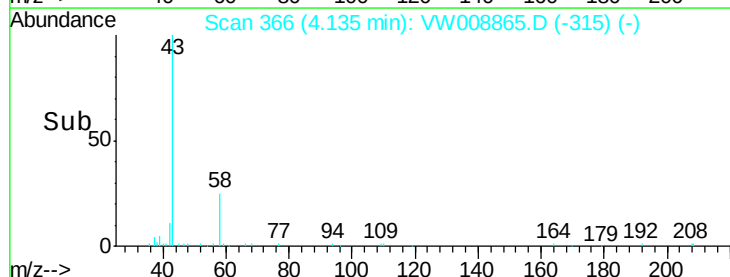
6000

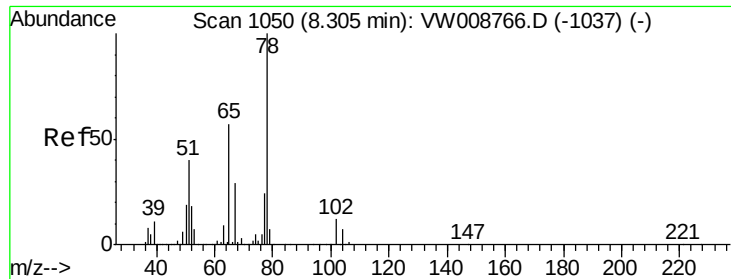
4000

2000

0

Time-->

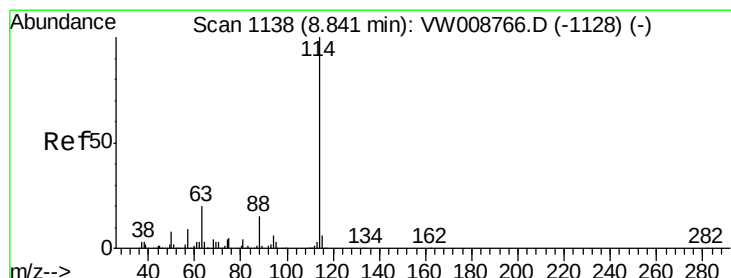
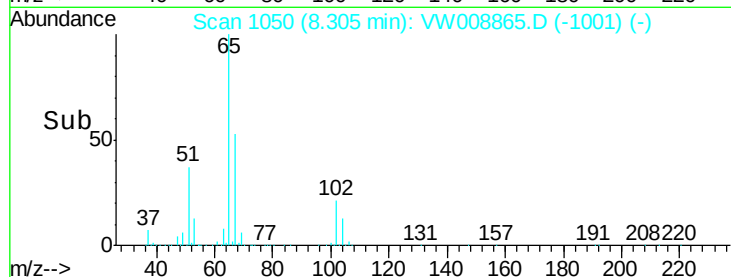
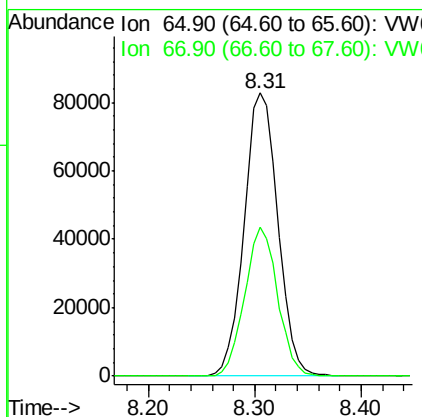
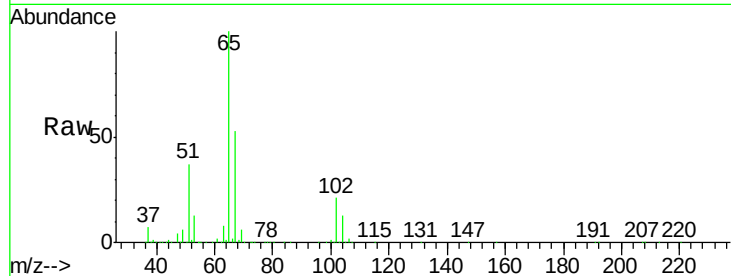




#33
 1,2-Dichloroethane-d4
 Concen: 61.184 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008865.D
 Acq: 27 Feb 2019 19:56

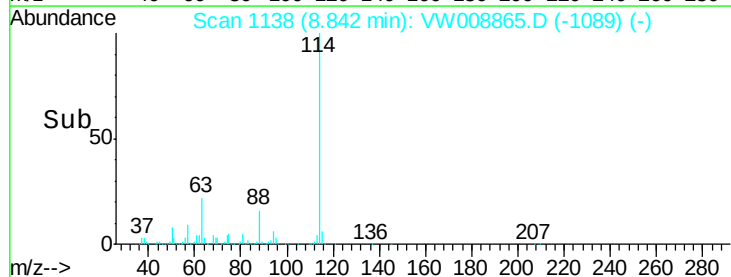
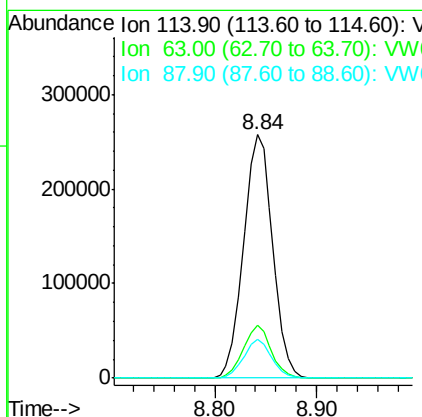
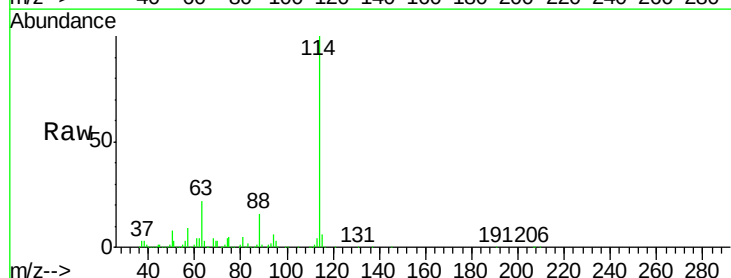
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-022619-BRE

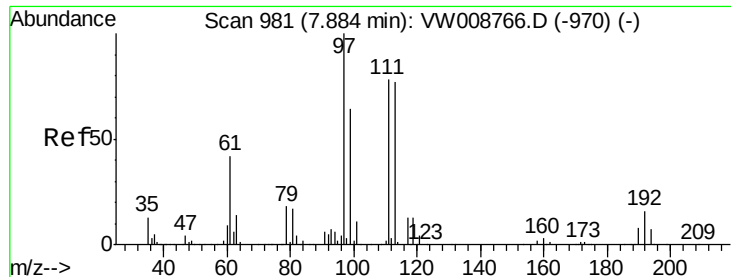
Tot Ion: 65 Resp: 184264
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008865.D
 Acq: 27 Feb 2019 19:56

Tgt Ion: 114 Resp: 509862
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.8
 88 16.0 0.0 30.4

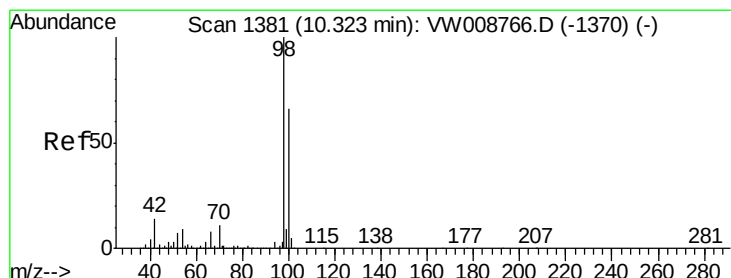
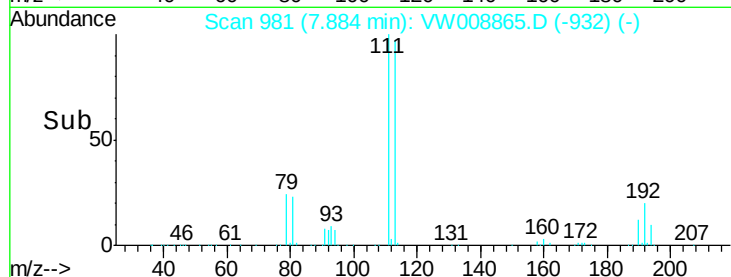
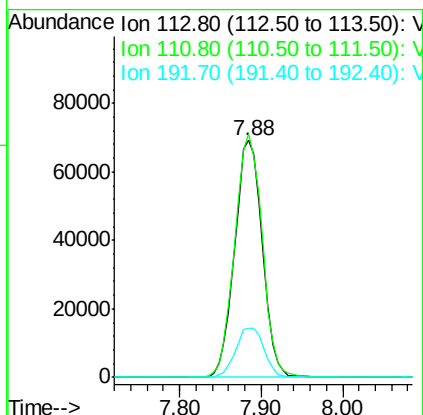
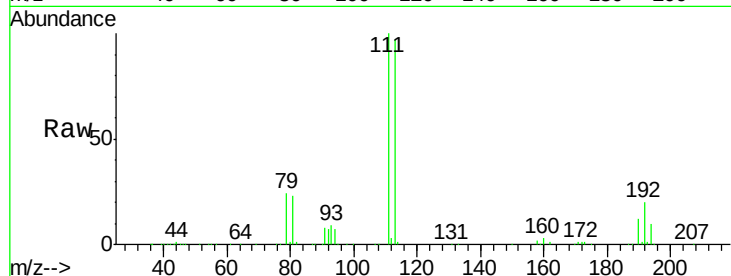




#35
 Dibromofluoromethane
 Concen: 52.732 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008865.D
 Acq: 27 Feb 2019 19:56

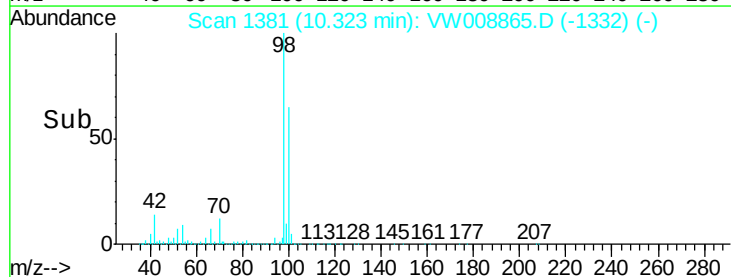
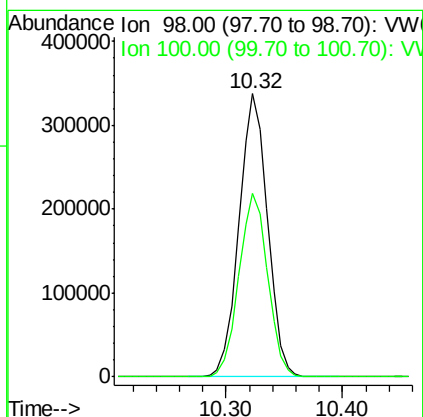
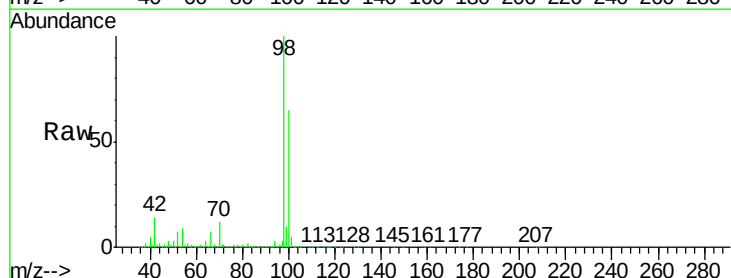
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-022619-BRE

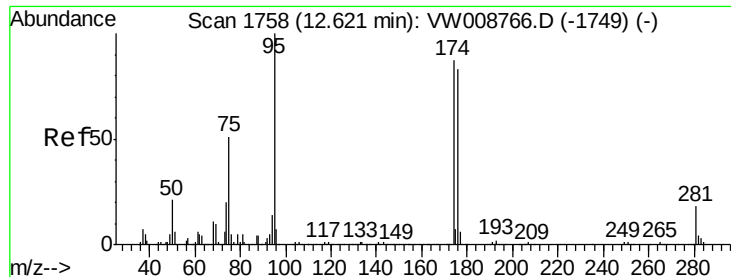
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	21.7	17.1	25.7



#50
 Toluene-d8
 Concen: 48.824 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008865.D
 Acq: 27 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 34.307 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008865.D

Acq: 27 Feb 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

PL-02-022619-BRE

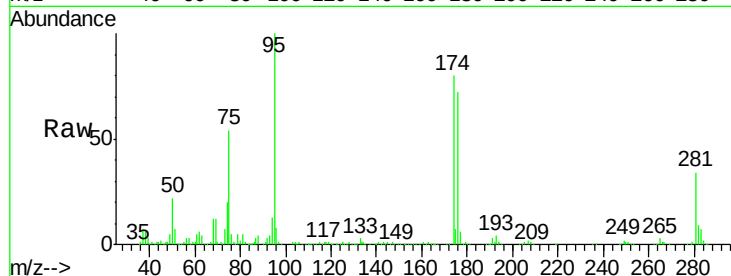
Tot Ion: 95 Resp: 158739

Ion Ratio Lower Upper

95 100

174 88.5 0.0 169.2

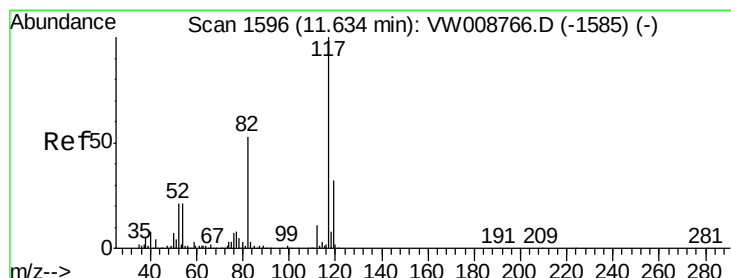
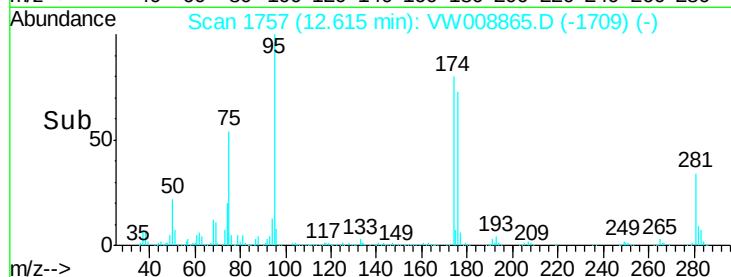
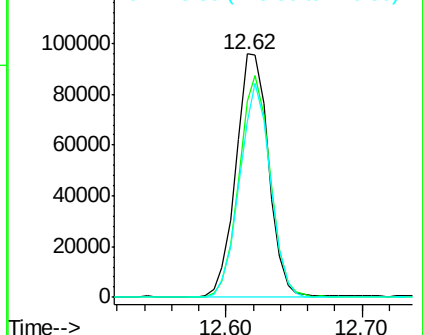
176 84.0 0.0 163.6



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: VW008865.D

Acq: 27 Feb 2019 19:56

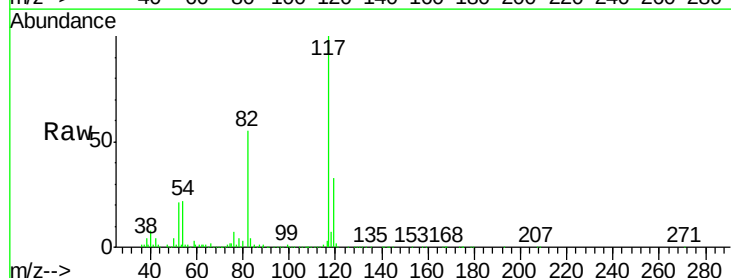
Tgt Ion: 117 Resp: 401056

Ion Ratio Lower Upper

117 100

82 54.9 42.2 63.4

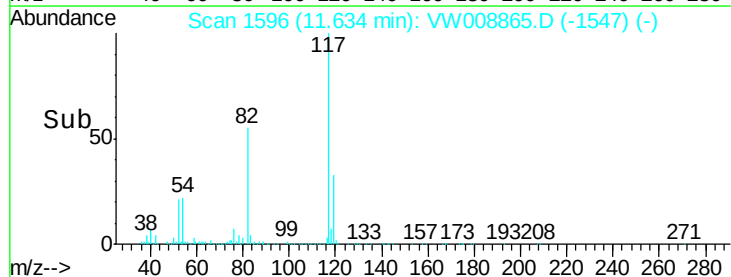
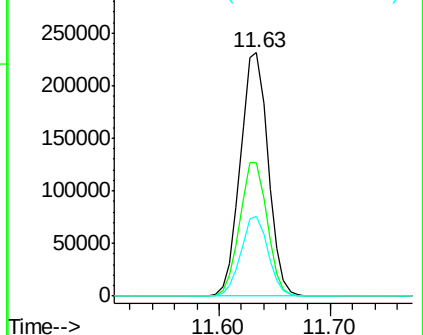
119 32.8 25.9 38.9

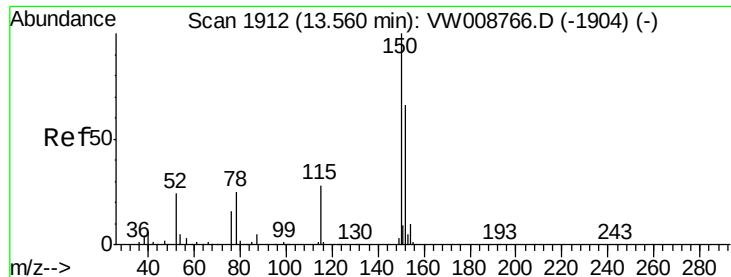


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008865.D

Acq: 27 Feb 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

PL-02-022619-BRE

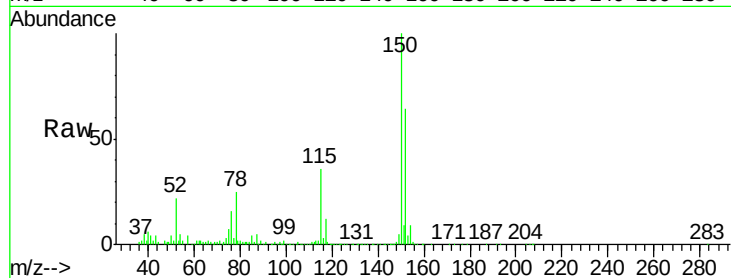
Tot Ion:152 Resp: 129929

Ion Ratio Lower Upper

152 100

115 57.4 28.6 85.8

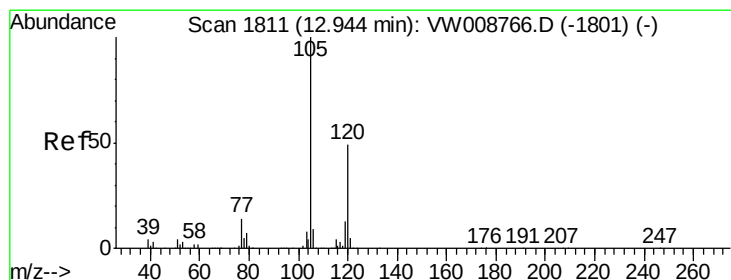
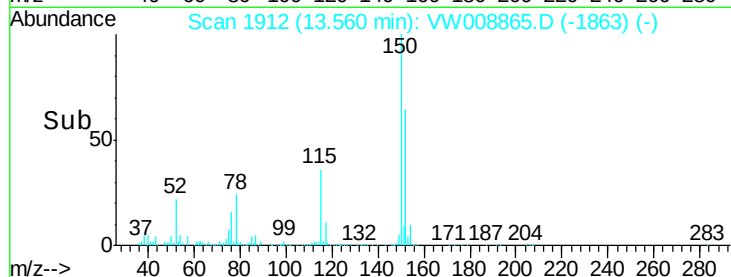
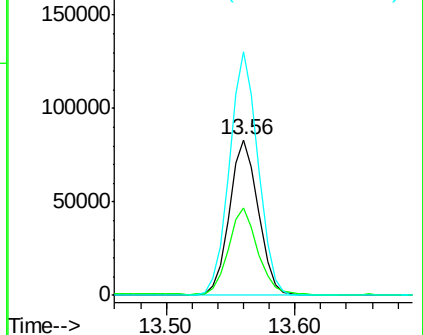
150 156.0 0.0 348.0



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



#80

1,3,5-Trimethylbenzene

Concen: 3.867 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008865.D

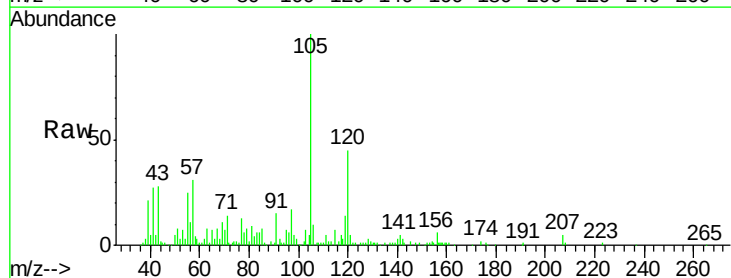
Acq: 27 Feb 2019 19:56

Tgt Ion:105 Resp: 29931

Ion Ratio Lower Upper

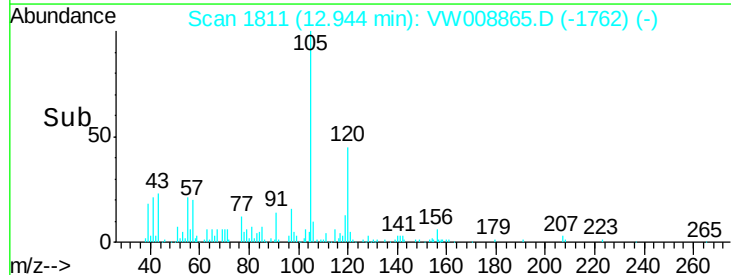
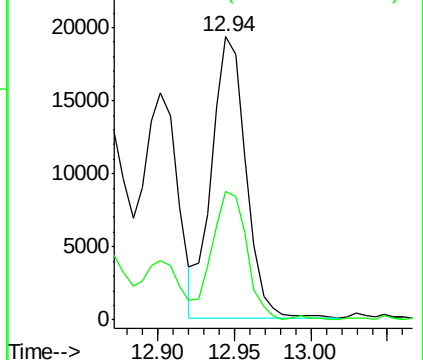
105 100

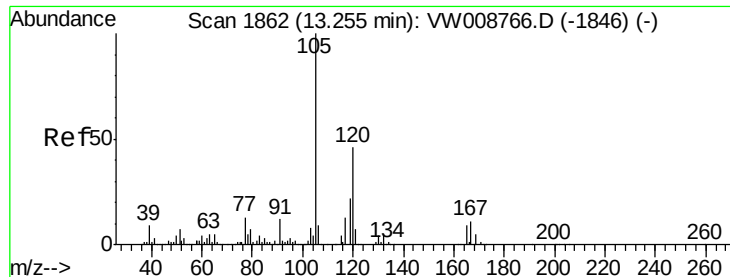
120 45.8 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

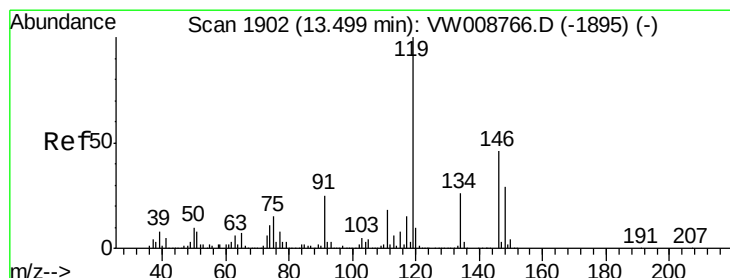
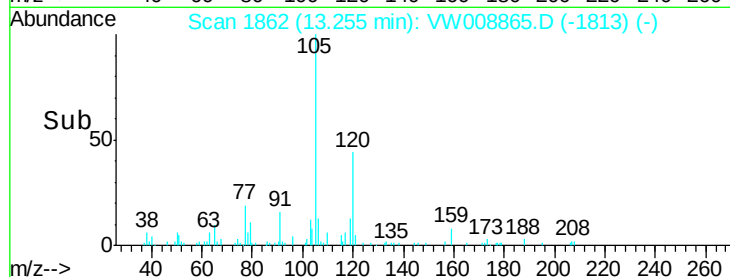
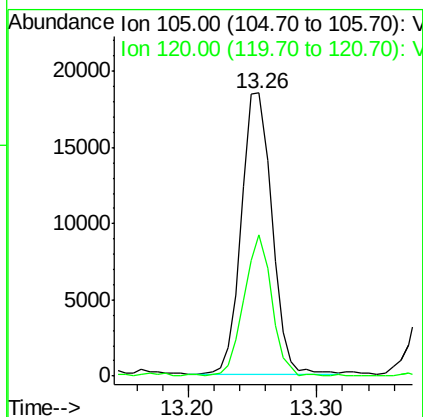
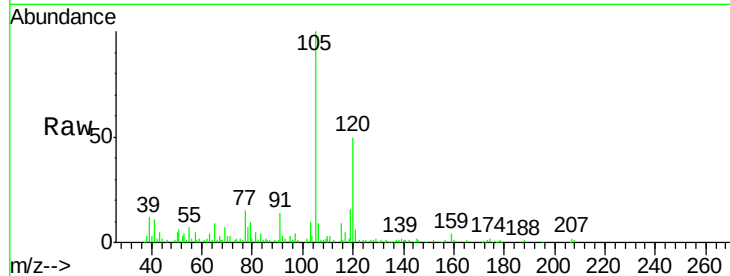




#84
 1,2,4-Trimethylbenzene
 Concen: 3.811 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008865.D
 Acq: 27 Feb 2019 19:56

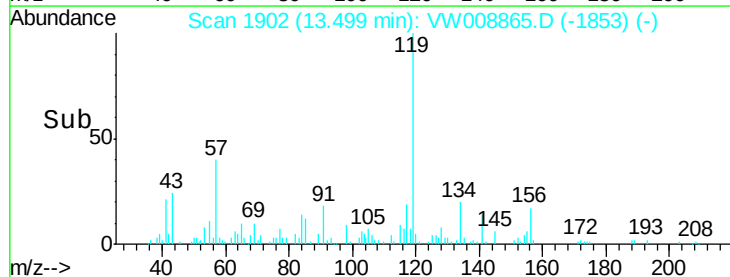
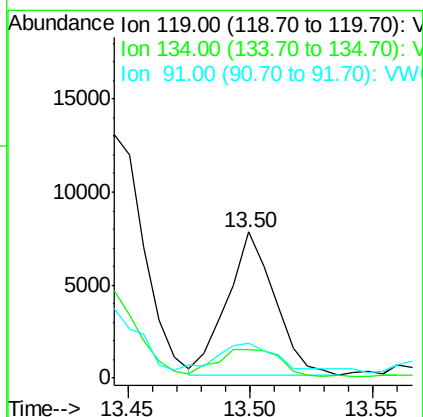
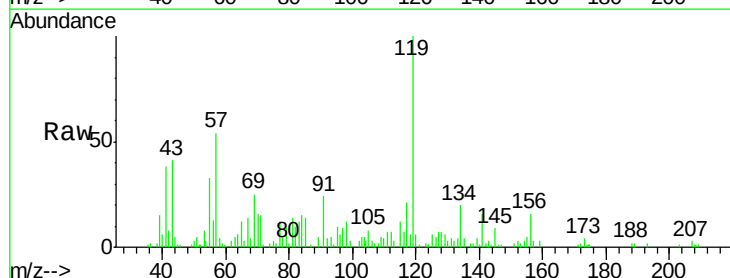
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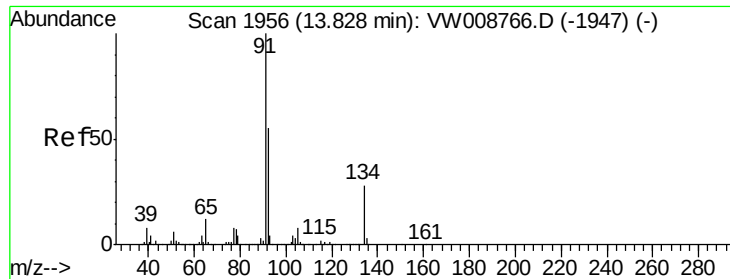
Tot Ion:105 Resp: 30534
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.8 68.4



#86
 p-Isopropyltoluene
 Concen: 1.189 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008865.D
 Acq: 27 Feb 2019 19:56

Tgt Ion:119 Resp: 10490
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.3
 91 20.4 12.1 36.3

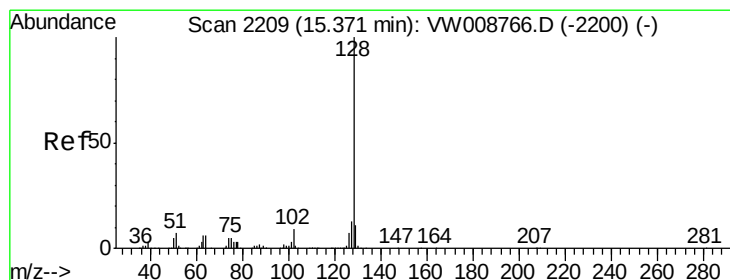
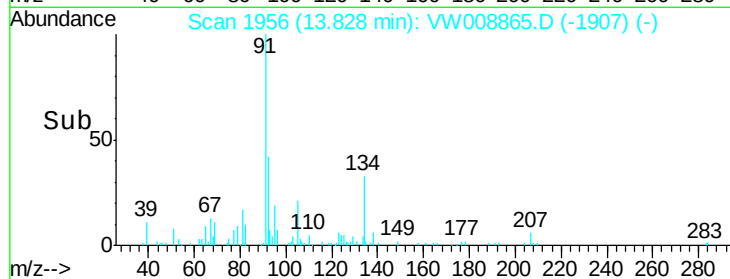
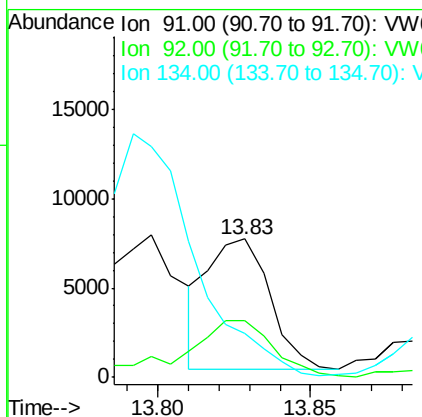
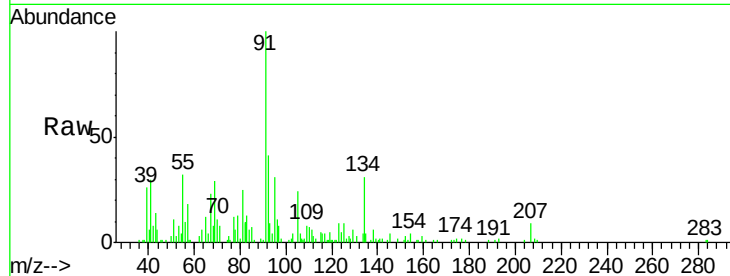




#89
n-Butylbenzene
Concen: 1.240 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008865.D
Acq: 27 Feb 2019 19:56

Instrument :
MSVOA_W
ClientSampleId :
PL-02-022619-BRE

Tot Ion: 91 Resp: 10246
Ion Ratio Lower Upper
91 100
92 63.1 26.8 80.4
134 0.0 13.5 40.4#



#95
Naphthalene
Concen: 9.926 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008865.D
Acq: 27 Feb 2019 19:56

Tgt Ion: 128 Resp: 47383
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 10.7 8.7 13.1

