

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006229.D
 Acq On : 19 Oct 2018 17:03
 Operator : VA/AP
 Sample : J5195-05RE
 Misc : 5.34G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-101818-BRE

Quant Time: Oct 20 02:04:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

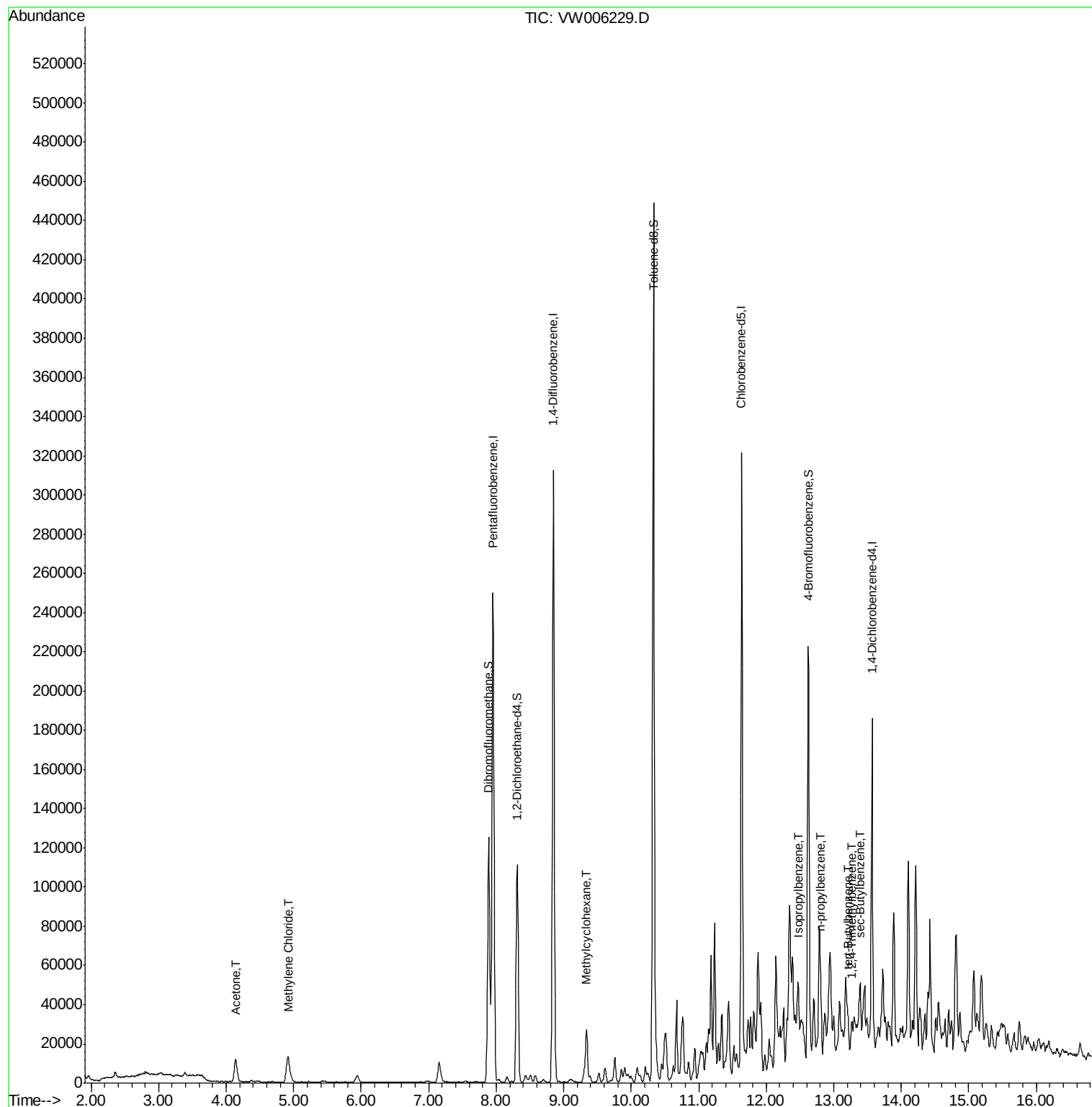
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	199761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	274041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	178767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88166	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
35) Dibromofluoromethane	7.89	113	87707	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
50) Toluene-d8	10.33	98	276479	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
62) 4-Bromofluorobenzene	12.62	95	62553	27.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.06%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	22322	60.630	ug/l	99
20) Methylene Chloride	4.92	84	11147	4.893	ug/l	98
39) Methylcyclohexane	9.34	83	11074	3.298	ug/l	99
73) Isopropylbenzene	12.47	105	19404	5.785	ug/l	98
78) n-propylbenzene	12.81	91	17919	4.592	ug/l	99
83) tert-Butylbenzene	13.21	119	4414	1.745	ug/l	84
84) 1,2,4-Trimethylbenzene	13.26	105	3938	1.376	ug/l	89
85) sec-Butylbenzene	13.39	105	15261	4.270	ug/l #	64

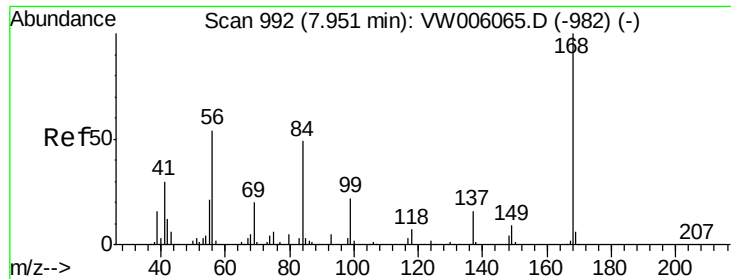
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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JC-02-101818-BRE

Quant Time: Oct 20 02:04:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
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: VW006229.D

Acq: 19 Oct 2018 17:03

Instrument :

MSVOA_W

ClientSampleId :

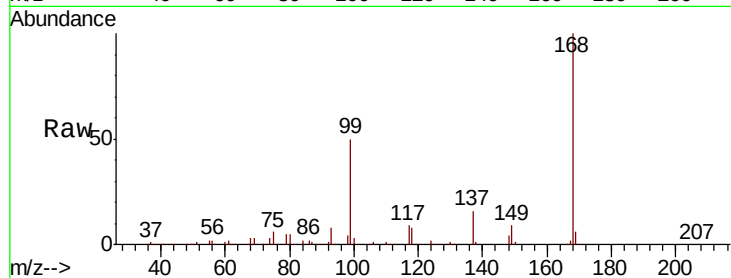
JC-02-101818-BRE

Tot Ion:168 Resp: 199761

Ion Ratio Lower Upper

168 100

99 49.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

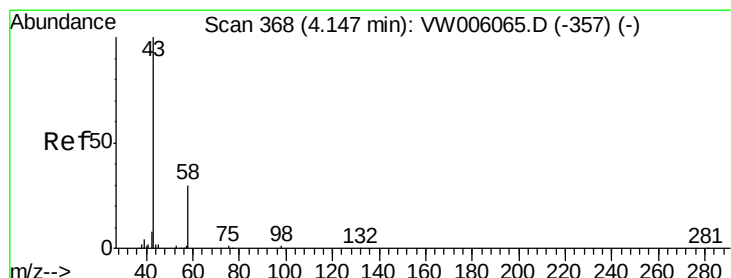
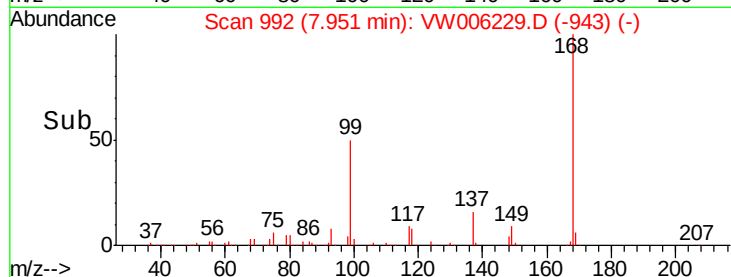
40000

20000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 60.630 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006229.D

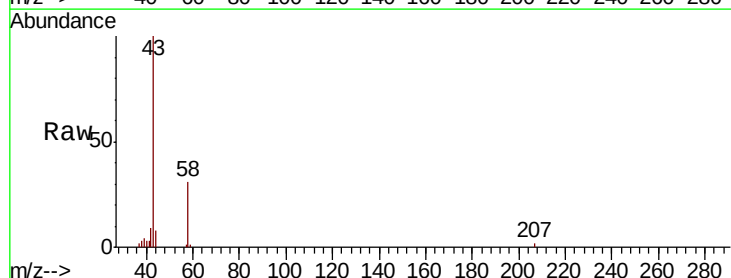
Acq: 19 Oct 2018 17:03

Tgt Ion: 43 Resp: 22322

Ion Ratio Lower Upper

43 100

58 30.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

6000

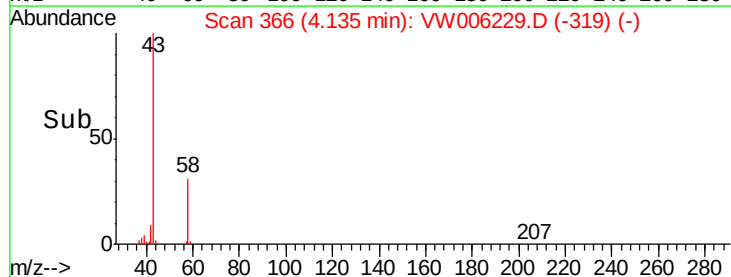
4000

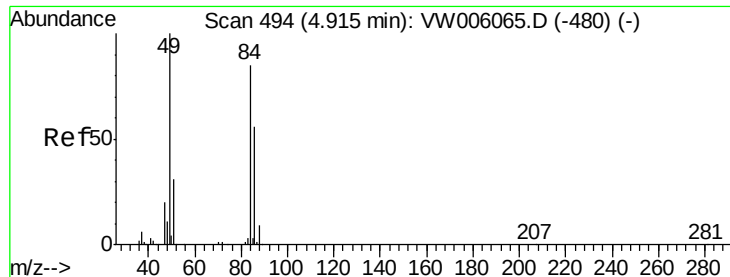
2000

0

Time-->

4.00 4.10 4.20





#20

Methylene Chloride

Concen: 4.893 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006229.D

Acq: 19 Oct 2018 17:03

Instrument :

MSVOA_W

ClientSampleId :

JC-02-101818-BRE

Tot Ion: 84 Resp: 11147

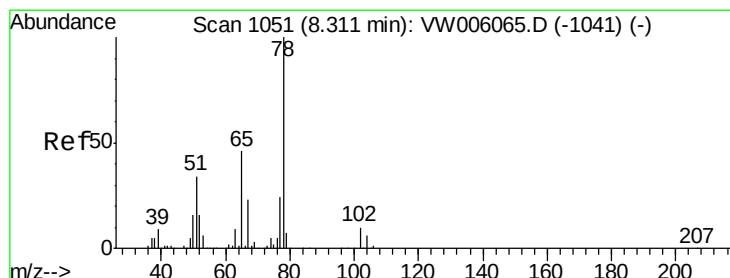
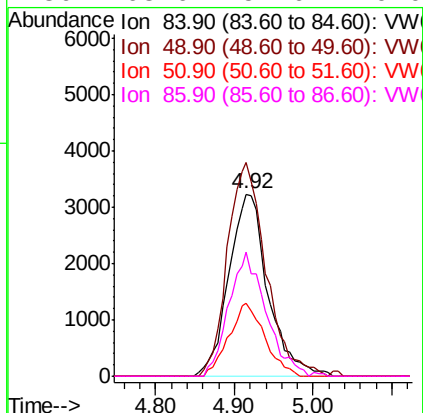
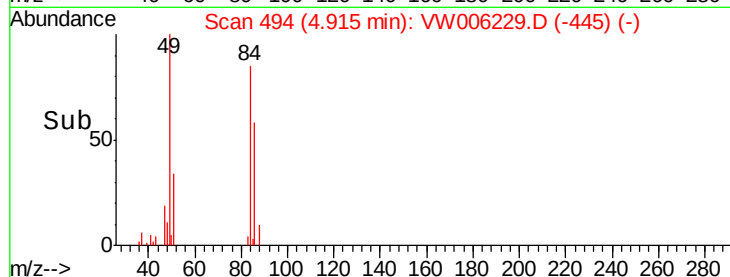
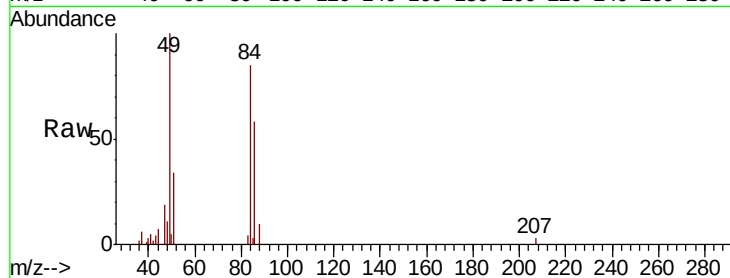
Ion Ratio Lower Upper

84 100

49 117.5 93.6 140.4

51 40.2 29.0 43.4

86 68.6 52.6 79.0



#33

1,2-Dichloroethane-d4

Concen: 53.236 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006229.D

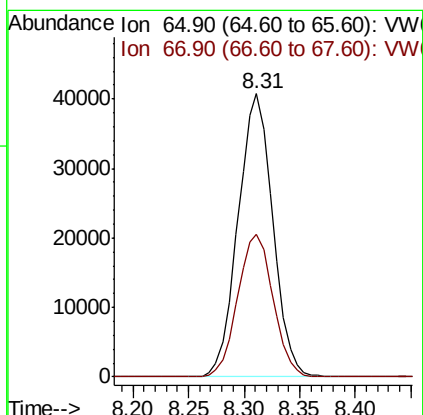
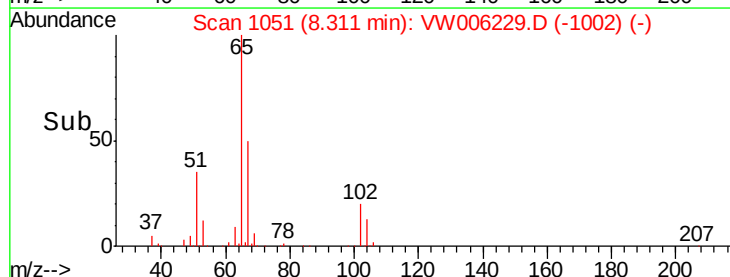
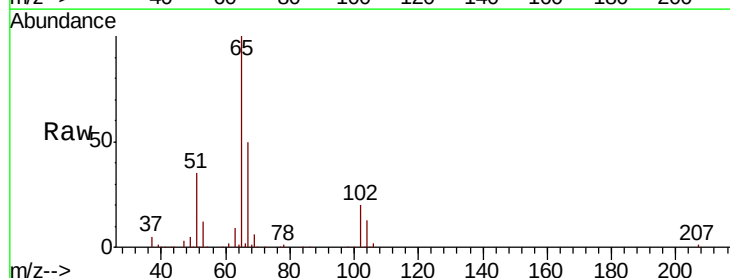
Acq: 19 Oct 2018 17:03

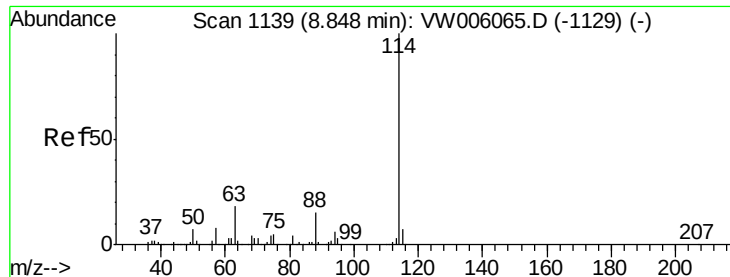
Tgt Ion: 65 Resp: 88166

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006229.D

Acq: 19 Oct 2018 17:03

Instrument :

MSVOA_W

ClientSampleId :

JC-02-101818-BRE

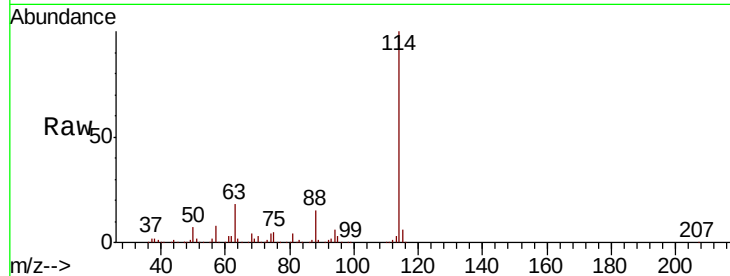
Tot Ion:114 Resp: 274041

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.8

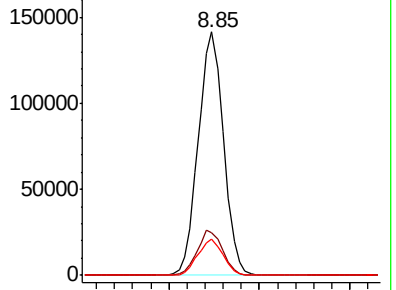
88 14.9 0.0 29.0



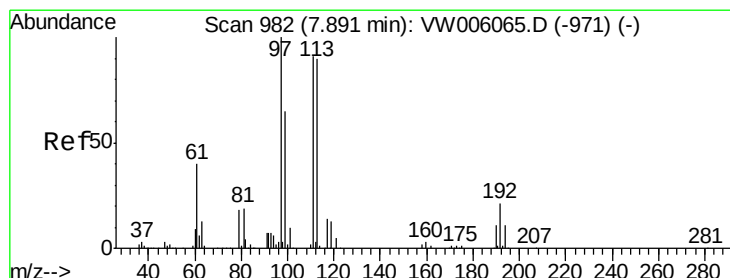
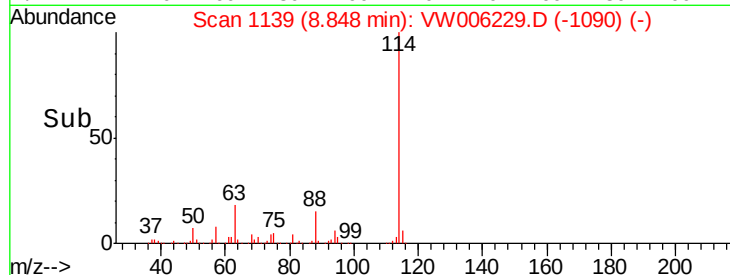
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



Time-->



#35

Dibromofluoromethane

Concen: 54.164 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006229.D

Acq: 19 Oct 2018 17:03

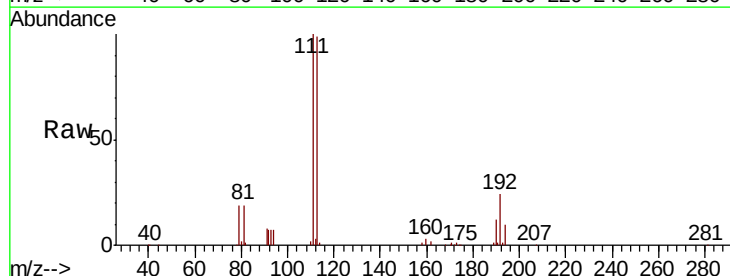
Tgt Ion:113 Resp: 87707

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

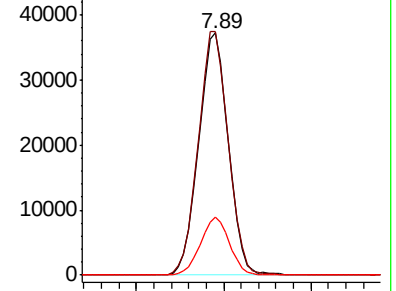
192 23.2 18.7 28.1



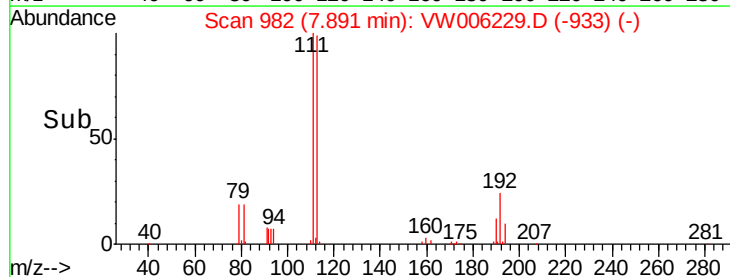
Abundance Ion 112.80 (112.50 to 113.50): V

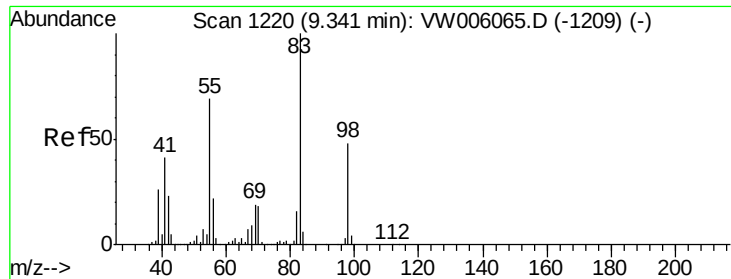
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->

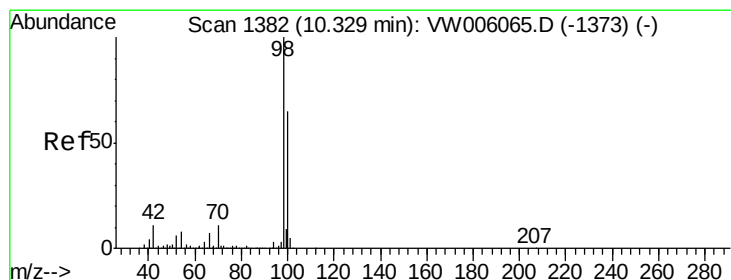
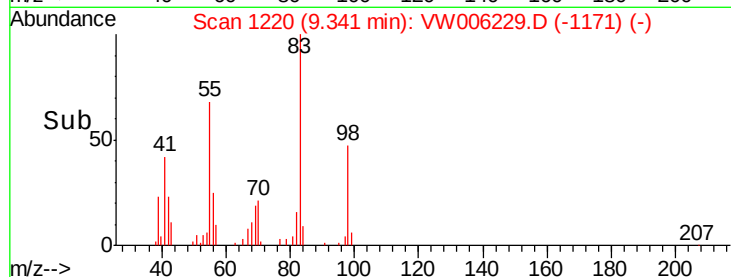
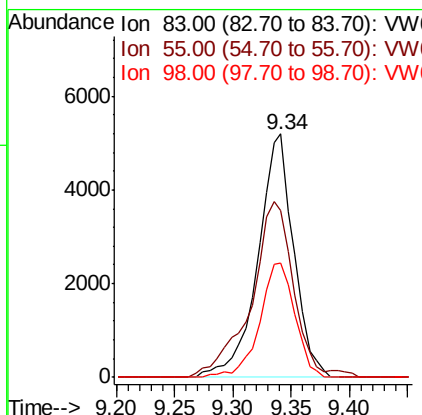
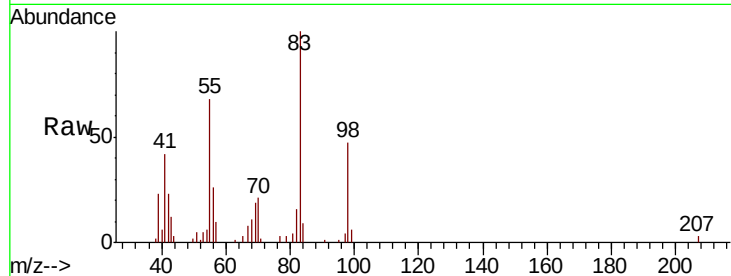




#39
Methylvlcyclohexane
Concen: 3.298 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006229.D
Acq: 19 Oct 2018 17:03

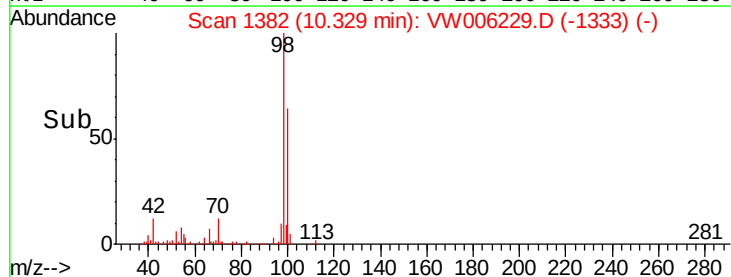
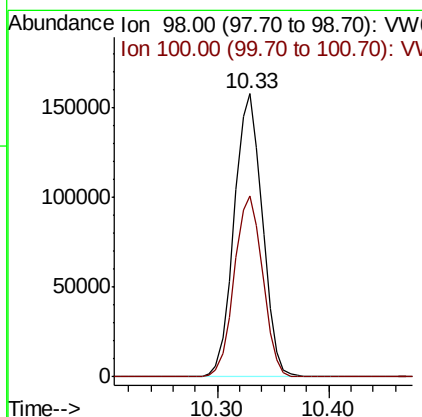
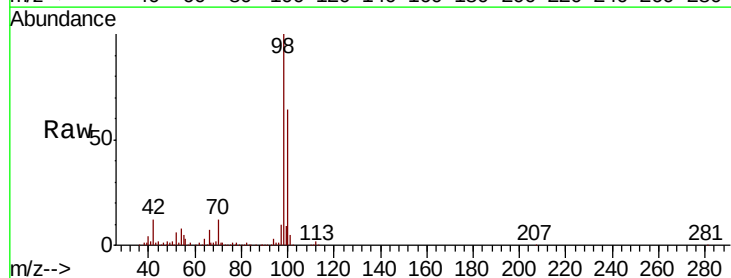
Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-BRE

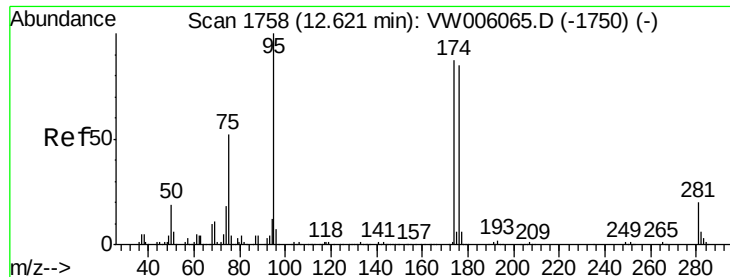
Tot Ion: 83 Resp: 11074
Ion Ratio Lower Upper
83 100
55 68.4 55.0 82.6
98 46.9 38.6 57.8



#50
Toluene-d8
Concen: 44.878 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006229.D
Acq: 19 Oct 2018 17:03

Tgt Ion: 98 Resp: 276479
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4

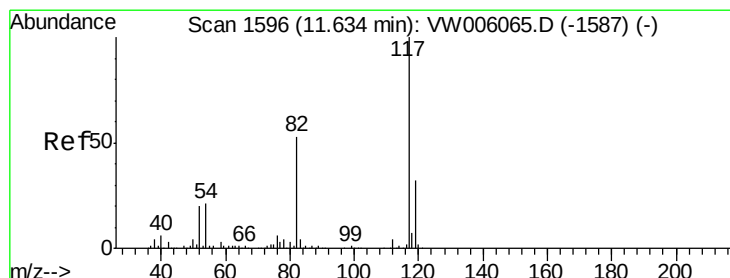
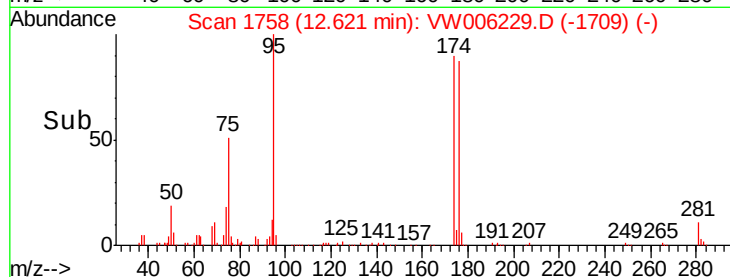
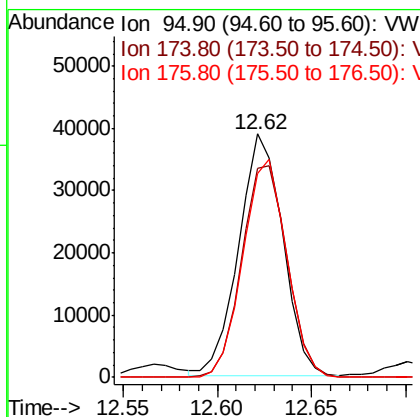
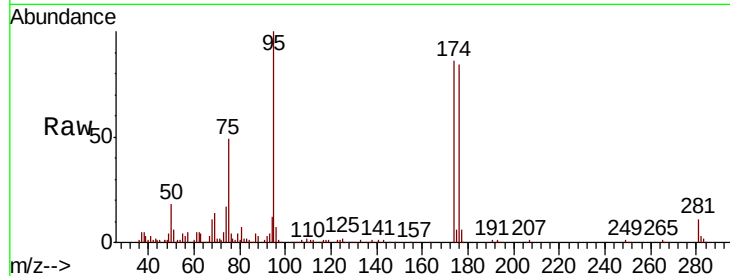




#62
4-Bromofluorobenzene
Concen: 27.034 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006229.D
Acq: 19 Oct 2018 17:03

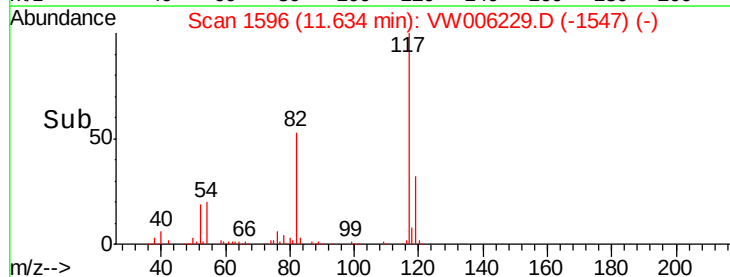
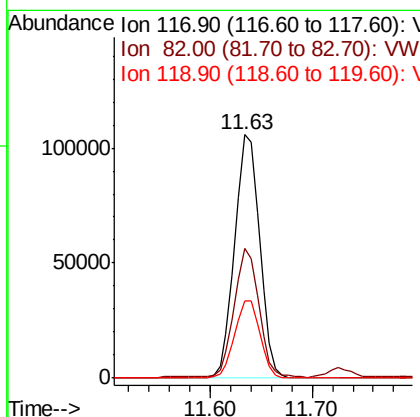
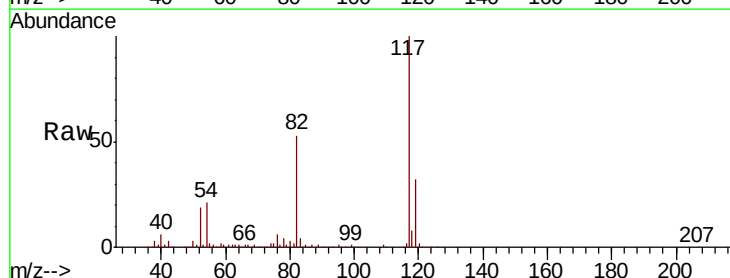
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ClientSampleId :
JC-02-101818-BRE

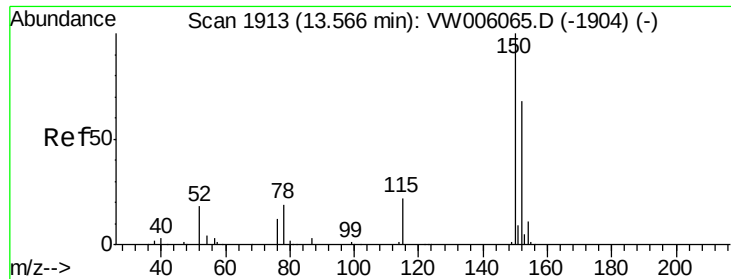
Tot Ion: 95 Resp: 62553
Ion Ratio Lower Upper
95 100
174 91.2 0.0 186.0
176 89.9 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006229.D
Acq: 19 Oct 2018 17:03

Tgt Ion: 117 Resp: 178767
Ion Ratio Lower Upper
117 100
82 52.5 42.1 63.1
119 31.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006229.D

Acq: 19 Oct 2018 17:03

Instrument :

MSVOA_W

ClientSampleId :

JC-02-101818-BRE

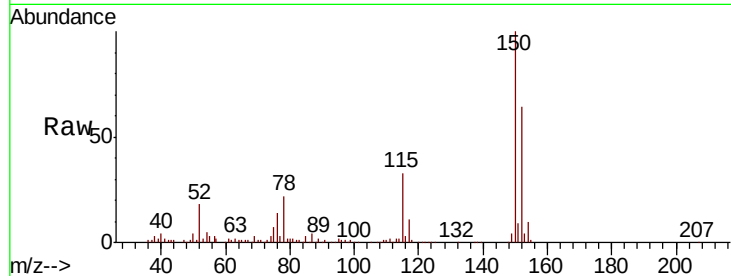
Tot Ion:152 Resp: 47475

Ion Ratio Lower Upper

152 100

115 53.7 27.8 83.3

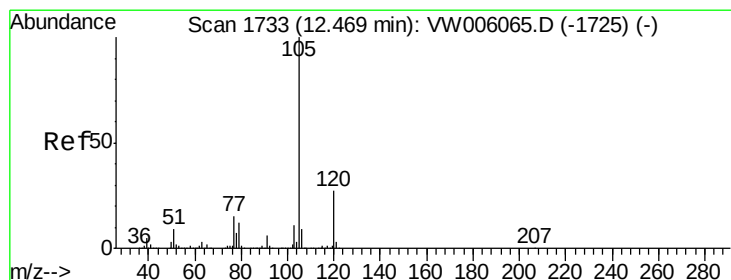
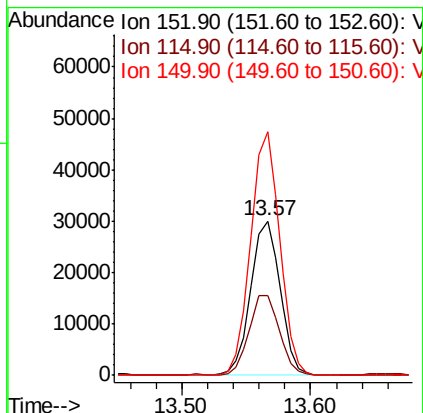
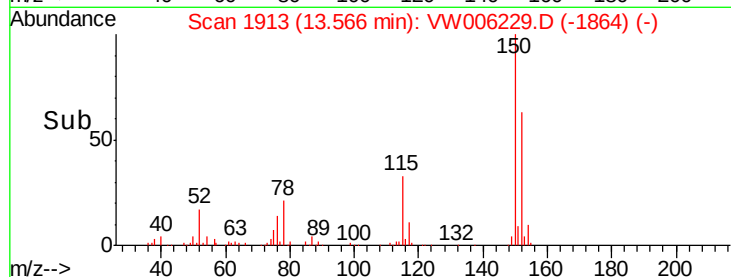
150 154.6 0.0 349.2



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: 5.785 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006229.D

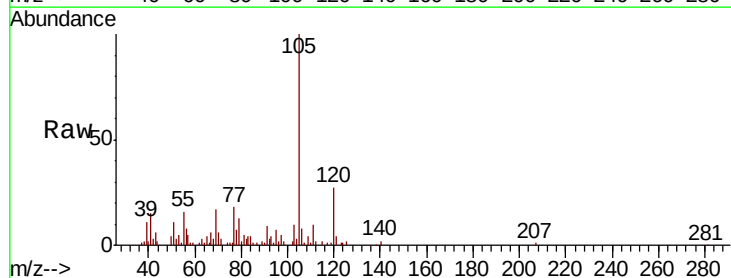
Acq: 19 Oct 2018 17:03

Tgt Ion:105 Resp: 19404

Ion Ratio Lower Upper

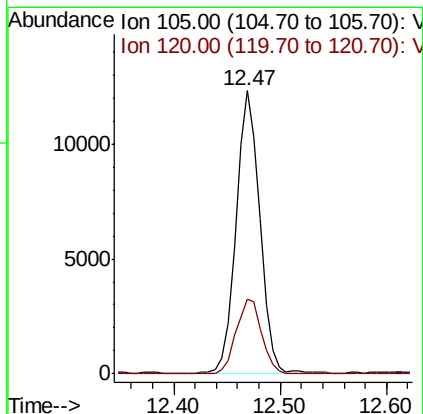
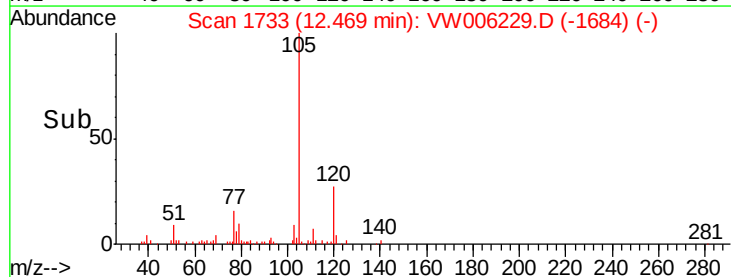
105 100

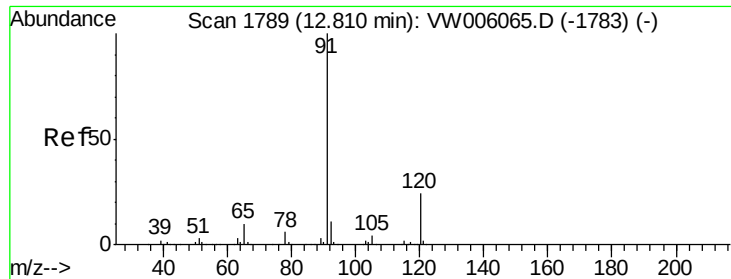
120 28.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

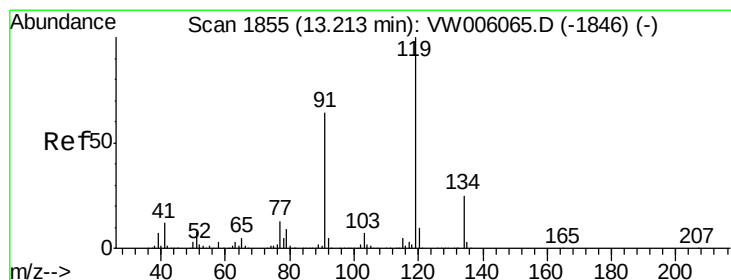
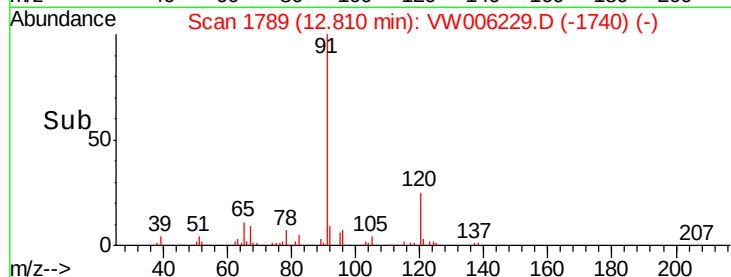
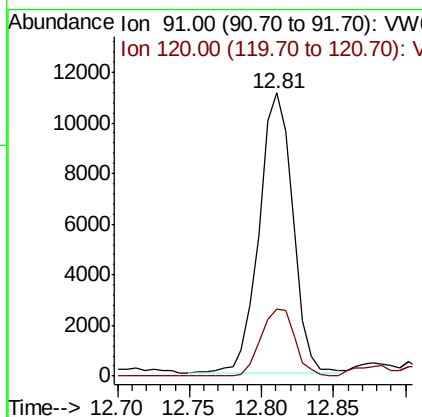
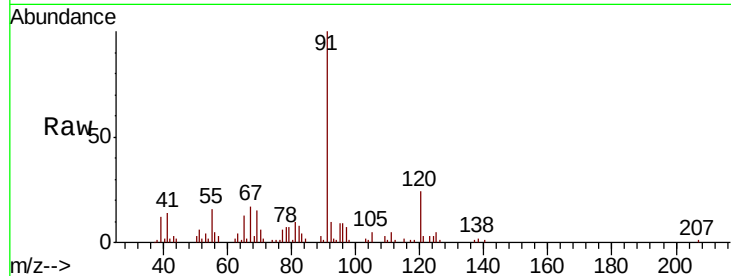




#78
n-propylbenzene
Concen: 4.592 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006229.D
Acq: 19 Oct 2018 17:03

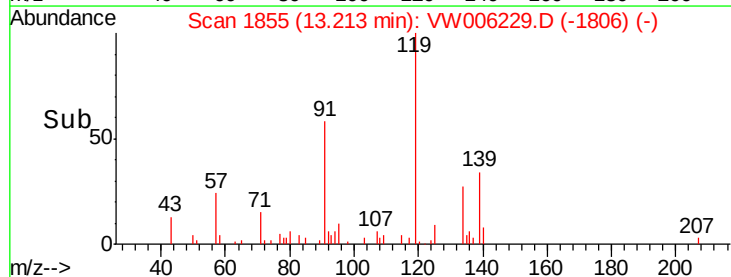
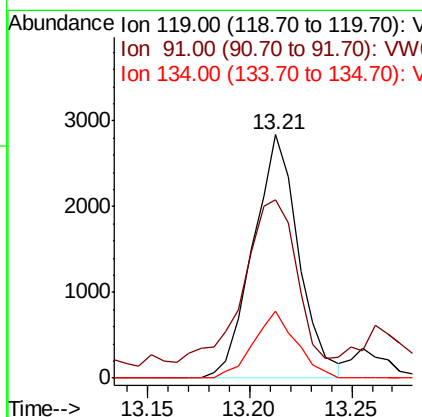
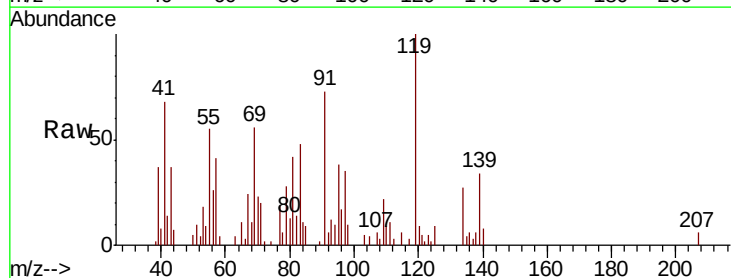
Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-BRE

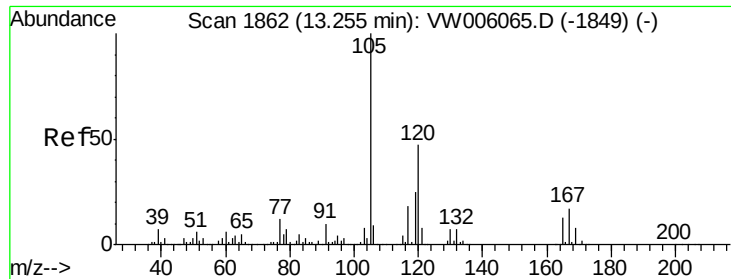
Tot Ion: 91 Resp: 17919
Ion Ratio Lower Upper
91 100
120 24.1 12.2 36.6



#83
tert-Butylbenzene
Concen: 1.745 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006229.D
Acq: 19 Oct 2018 17:03

Tgt Ion: 119 Resp: 4414
Ion Ratio Lower Upper
119 100
91 81.6 32.3 96.9
134 25.6 13.6 40.8

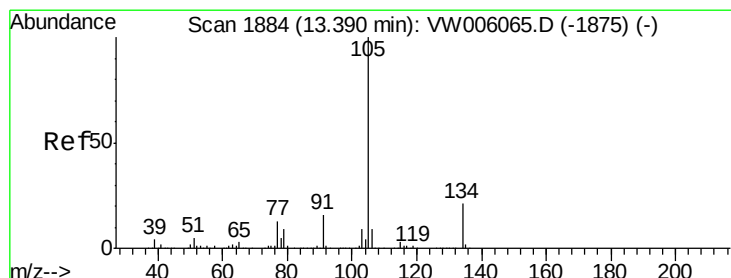
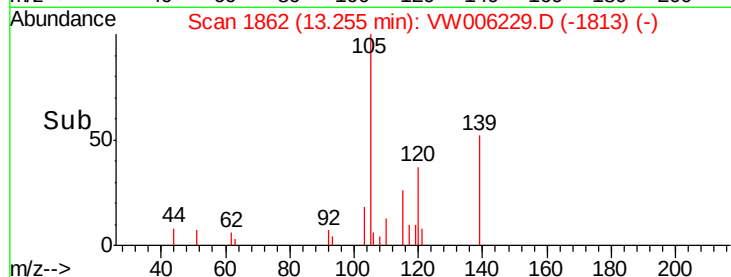
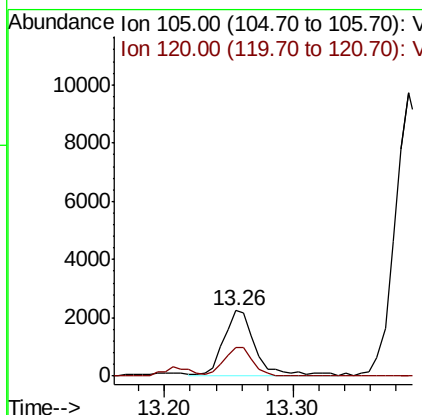
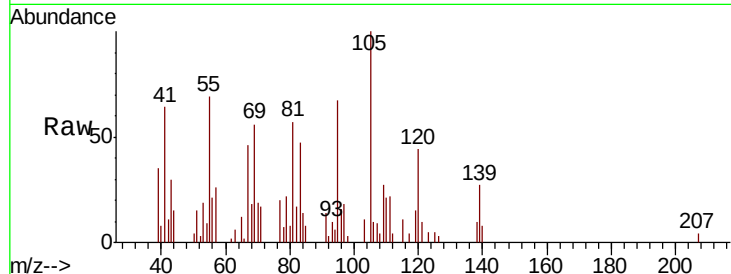




#84
 1,2,4-Trimethylbenzene
 Concen: 1.376 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006229.D
 Acq: 19 Oct 2018 17:03

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-101818-BRE

Tot Ion:105 Resp: 3938
 Ion Ratio Lower Upper
 105 100
 120 38.8 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 4.270 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006229.D
 Acq: 19 Oct 2018 17:03

Tgt Ion:105 Resp: 15261
 Ion Ratio Lower Upper
 105 100
 134 38.0 10.5 31.6#

