

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW008981.D
 Acq On : 05 Mar 2019 01:04
 Operator : SY/VA
 Sample : K1688-17
 Misc : 6.42G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-I

Quant Time: Mar 05 07:39:31 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

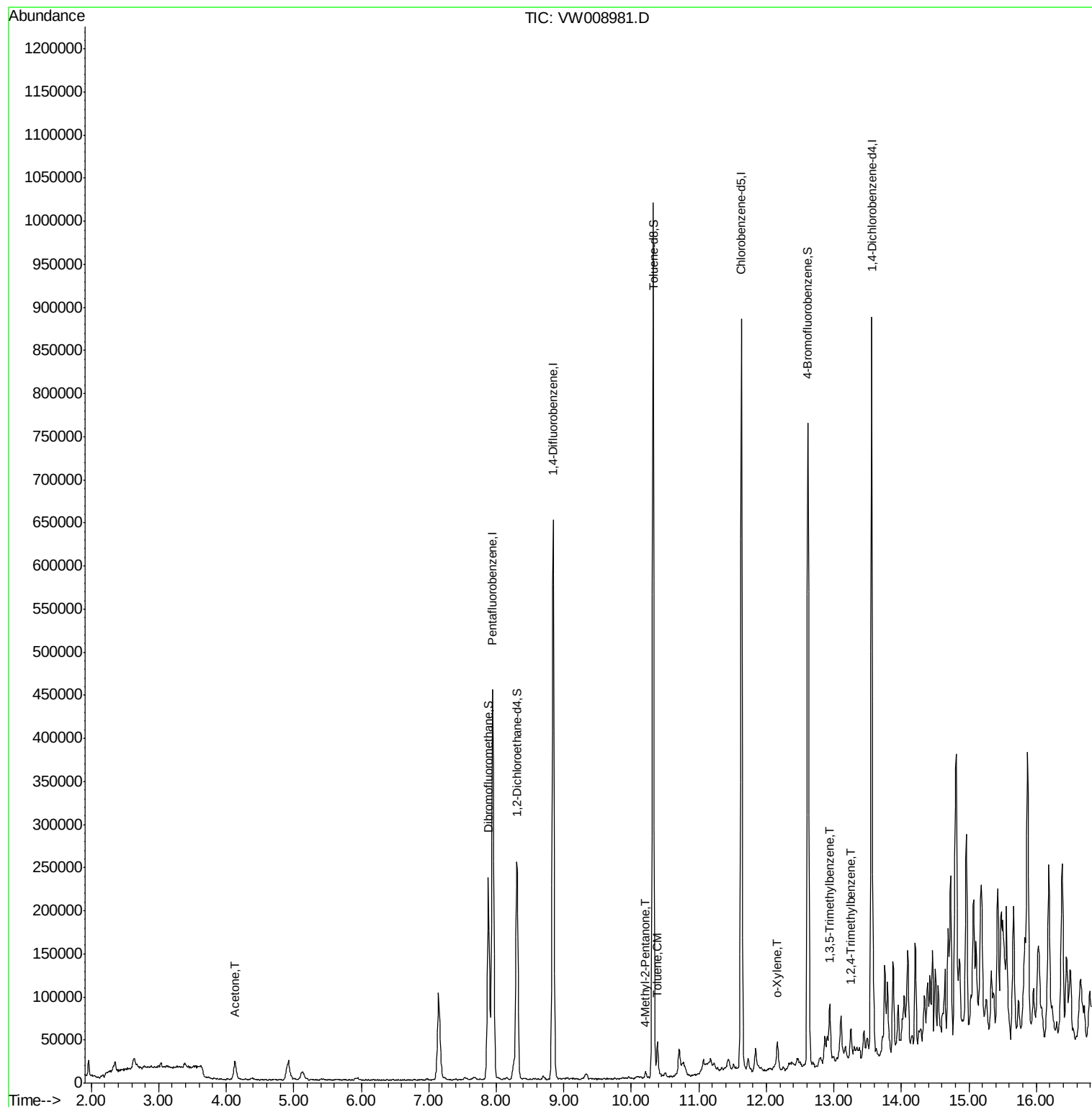
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	342412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	527594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	470877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	210764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	191488	59.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.26%	
35) Dibromofluoromethane	7.88	113	158938	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	10.32	98	629454	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	216974	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
Target Compounds						
16) Acetone	4.13	43	37657	50.587	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	5155	2.130	ug/l	97
52) Toluene	10.38	92	15218	1.599	ug/l	96
69) o-Xylene	12.17	106	8196	1.235	ug/l	92
80) 1,3,5-Trimethylbenzene	12.95	105	17441	1.389	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	22110	1.701	ug/l	94

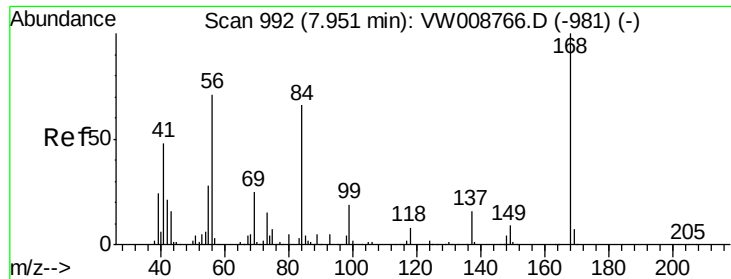
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030519\
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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: VW008981.D

Acq: 05 Mar 2019 01:04

Instrument :

MSVOA_W

ClientSampleId :

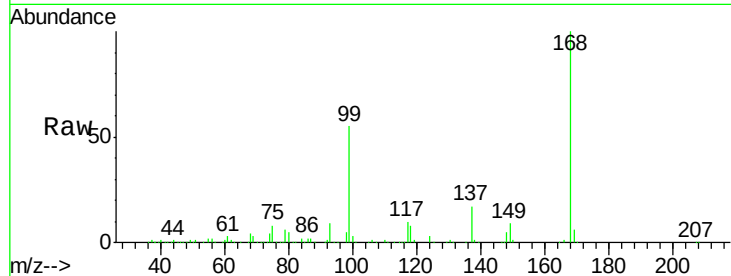
JC-03-030119-I

Tot Ion:168 Resp: 342412

Ion Ratio Lower Upper

168 100

99 54.8 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

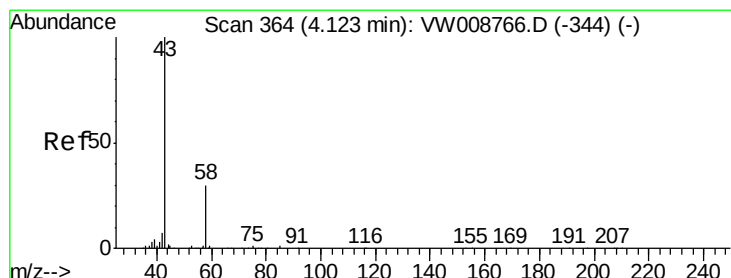
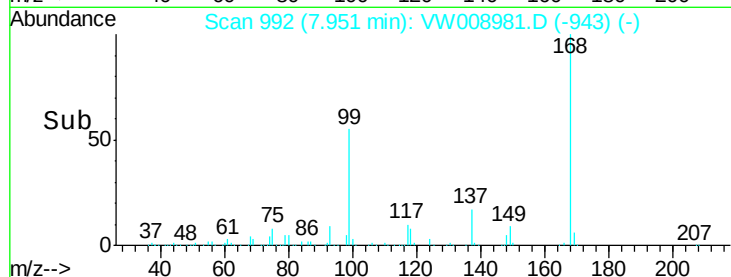
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 50.587 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008981.D

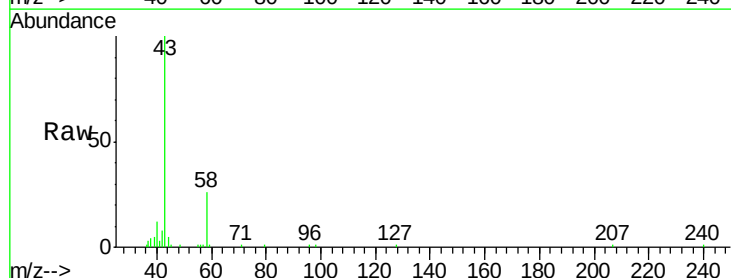
Acq: 05 Mar 2019 01:04

Tgt Ion: 43 Resp: 37657

Ion Ratio Lower Upper

43 100

58 26.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

15000

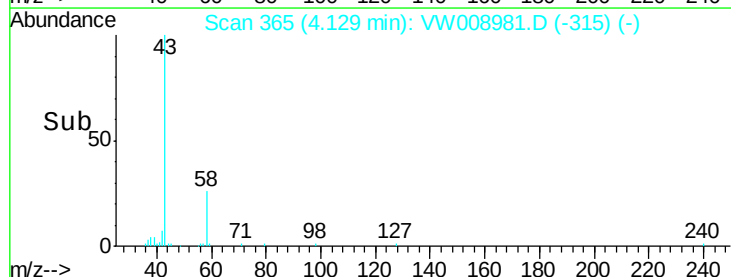
10000

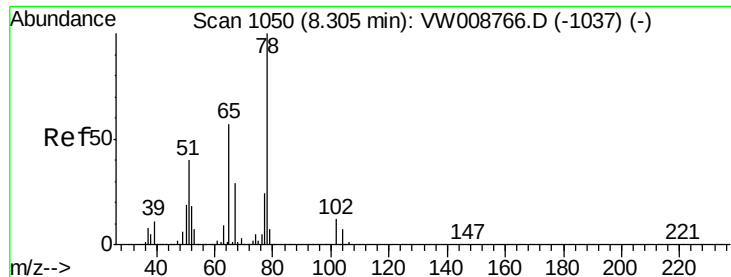
5000

0

4.00 4.10 4.20

Time-->

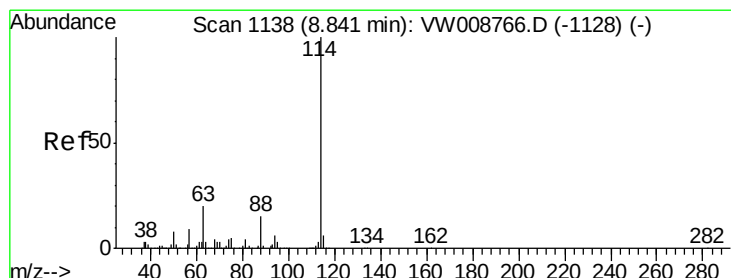
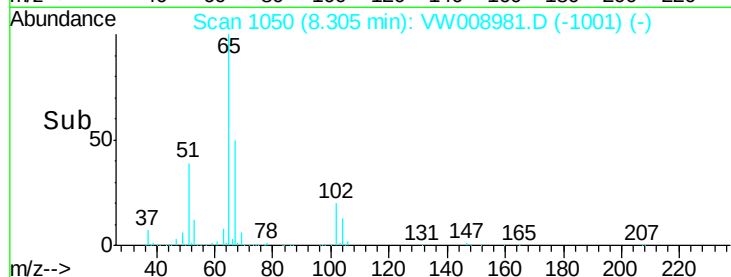
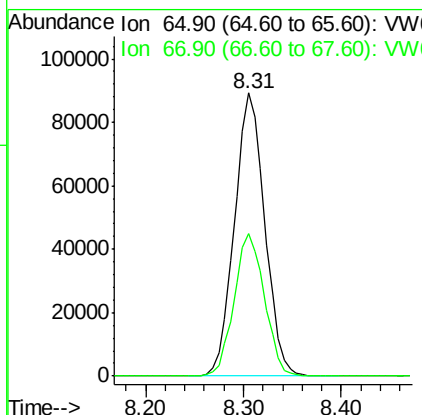
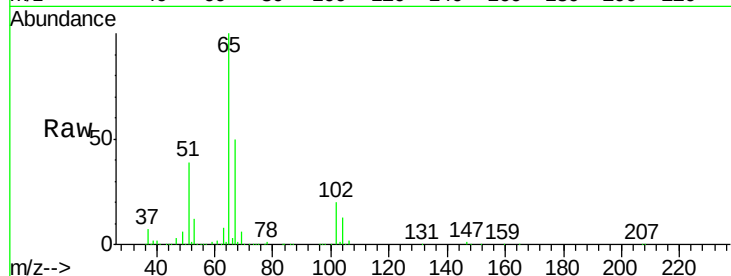




#33
 1,2-Dichloroethane-d4
 Concen: 59.625 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008981.D
 Acq: 05 Mar 2019 01:04

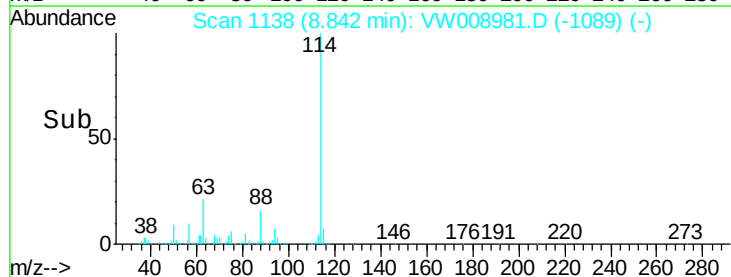
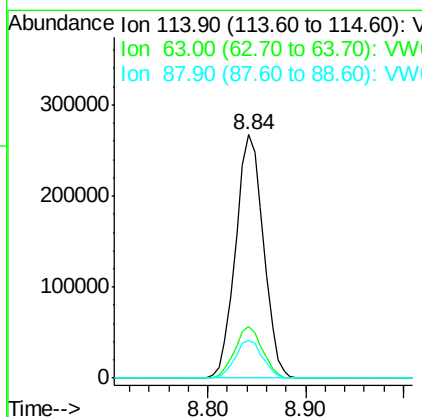
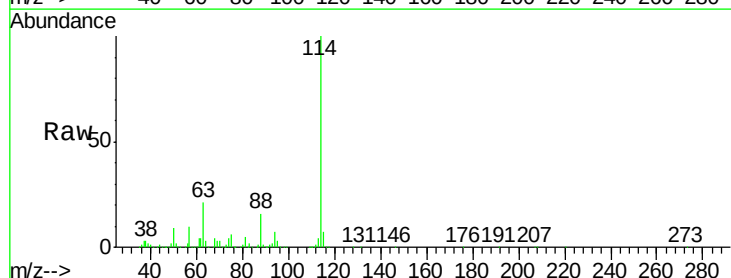
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-I

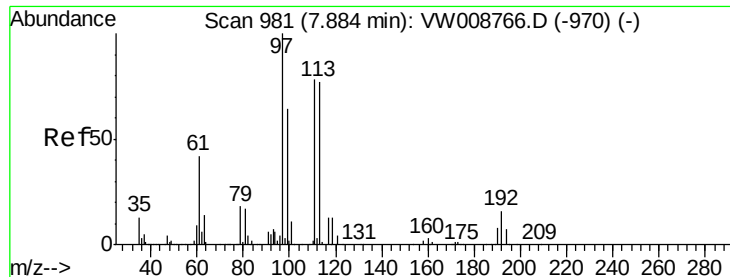
Tot Ion: 65 Resp: 191488
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008981.D
 Acq: 05 Mar 2019 01:04

Tgt Ion: 114 Resp: 527594
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.174 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008981.D

Acq: 05 Mar 2019 01:04

Instrument :

MSVOA_W

ClientSampleId :

JC-03-030119-I

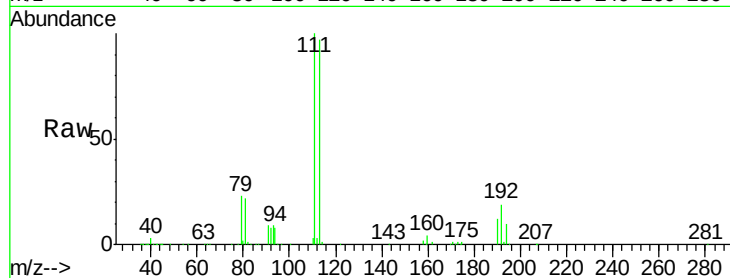
Tot Ion:113 Resp: 158938

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

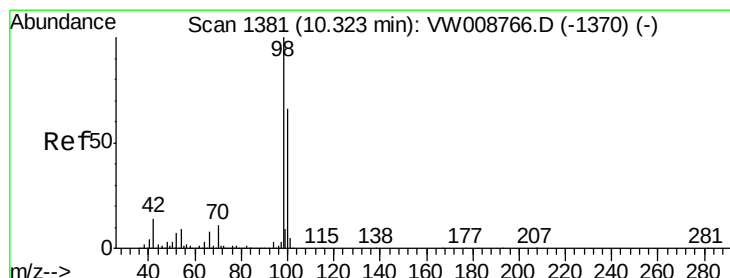
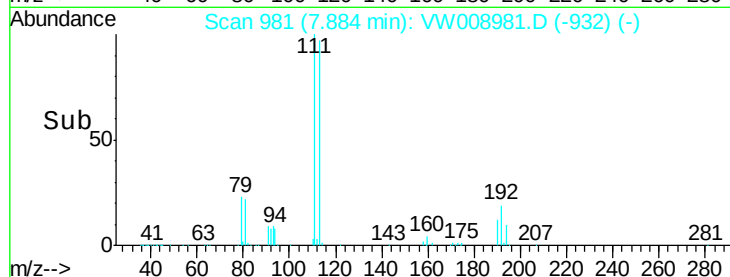
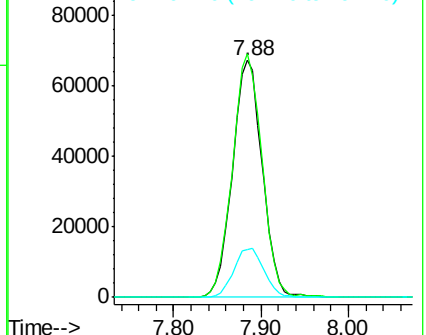
192 20.9 17.1 25.7



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



#50

Toluene-d8

Concen: 51.475 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008981.D

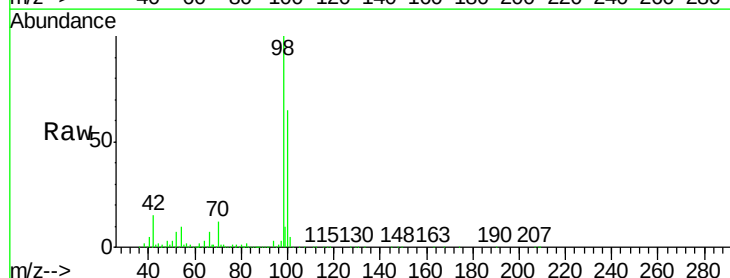
Acq: 05 Mar 2019 01:04

Tgt Ion: 98 Resp: 629454

Ion Ratio Lower Upper

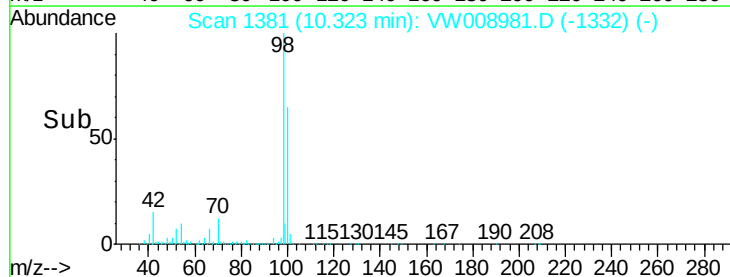
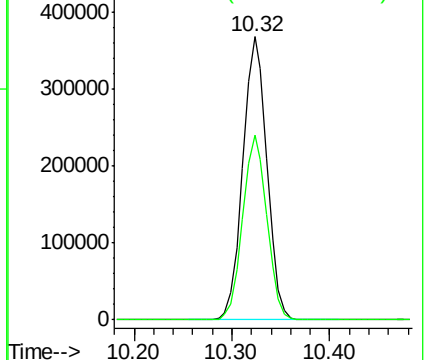
98 100

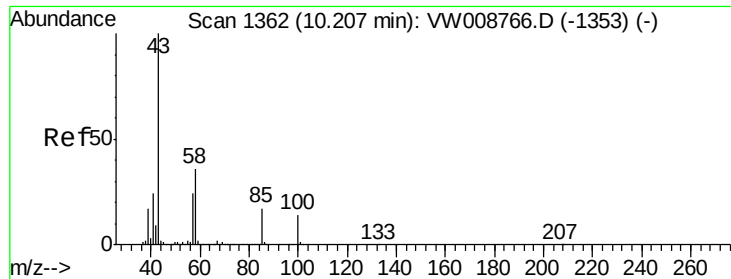
100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 2.130 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008981.D

Acq: 05 Mar 2019 01:04

Instrument :

MSVOA_W

ClientSampleId :

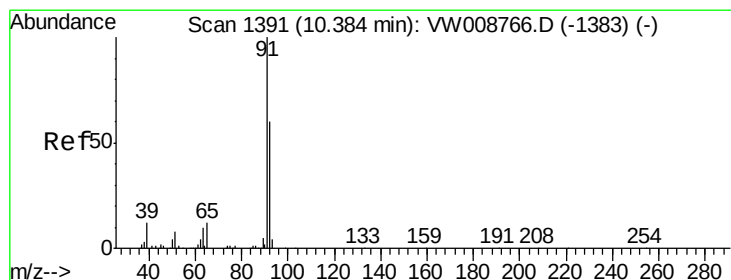
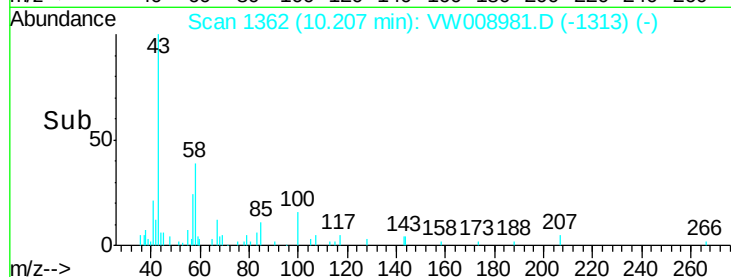
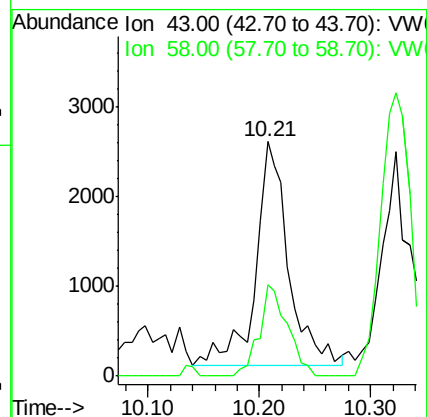
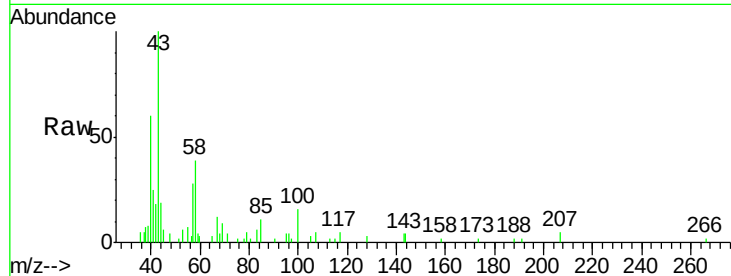
JC-03-030119-I

Tot Ion: 43 Resp: 5155

Ion Ratio Lower Upper

43 100

58 34.7 29.1 43.7



#52

Toluene

Concen: 1.599 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008981.D

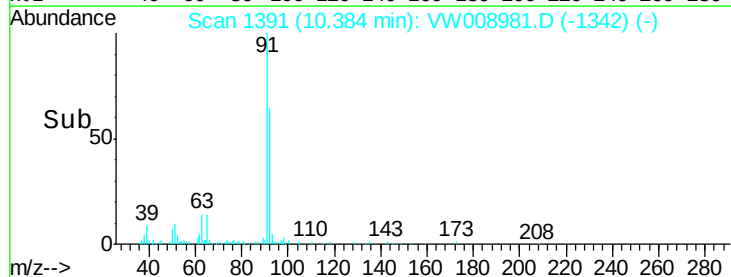
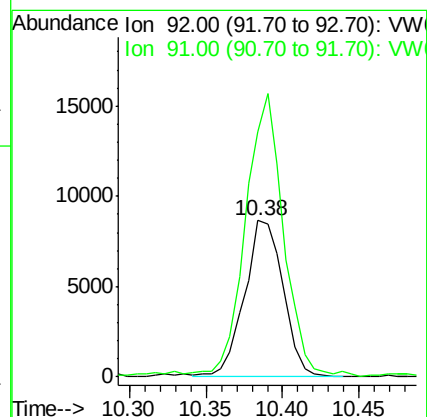
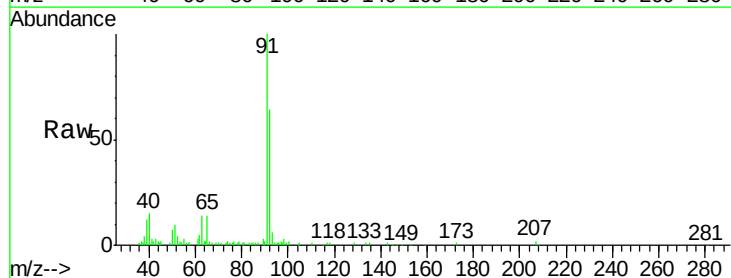
Acq: 05 Mar 2019 01:04

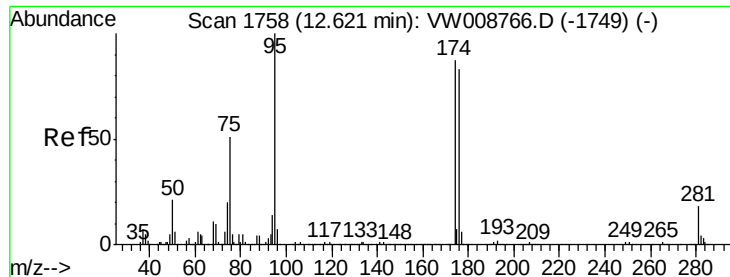
Tgt Ion: 92 Resp: 15218

Ion Ratio Lower Upper

92 100

91 176.0 136.9 205.3





#62

4-Bromofluorobenzene

Concen: 45.317 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008981.D

Acq: 05 Mar 2019 01:04

Instrument :

MSVOA_W

ClientSampleId :

JC-03-030119-I

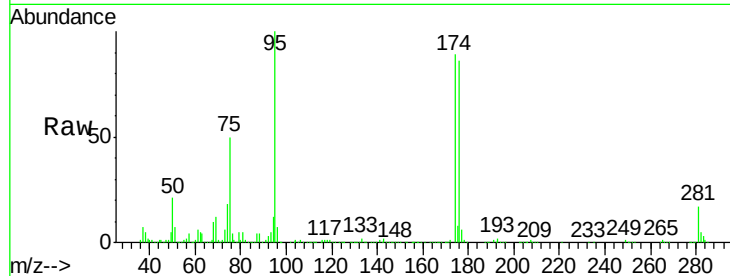
Tot Ion: 95 Resp: 216974

Ion Ratio Lower Upper

95 100

174 86.7 0.0 169.2

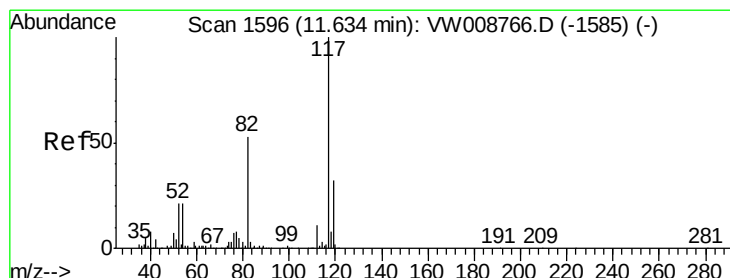
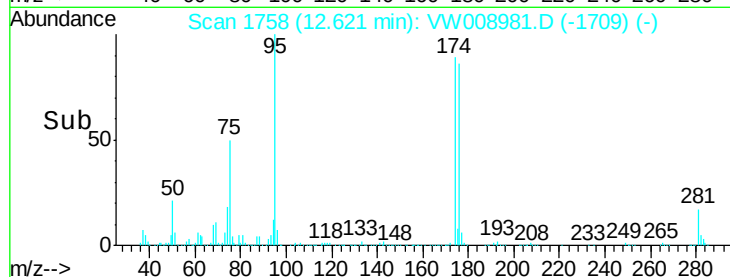
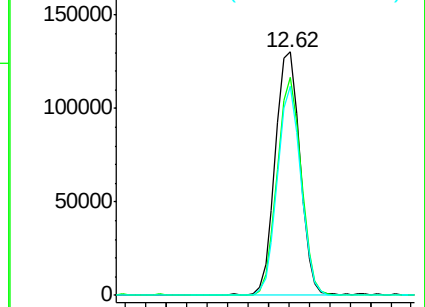
176 81.9 0.0 163.6



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: VW008981.D

Acq: 05 Mar 2019 01:04

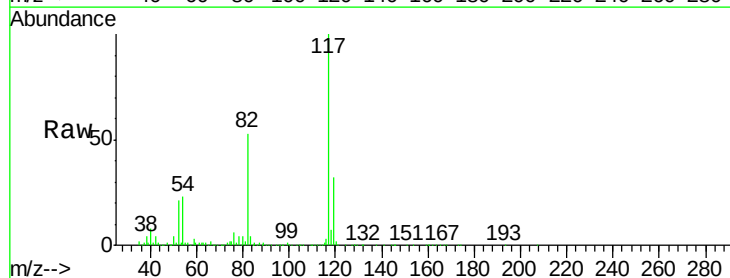
Tgt Ion: 117 Resp: 470877

Ion Ratio Lower Upper

117 100

82 53.4 42.2 63.4

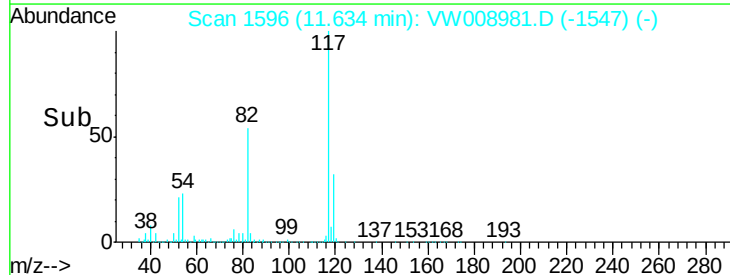
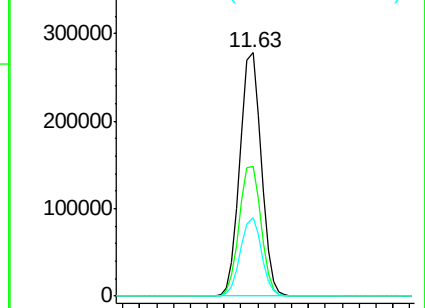
119 32.2 25.9 38.9

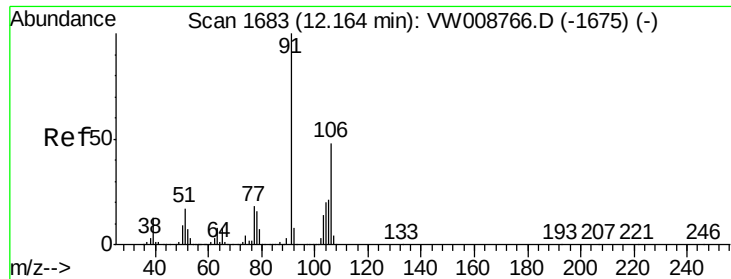


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

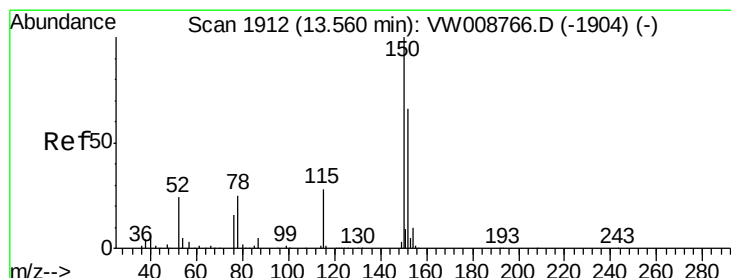
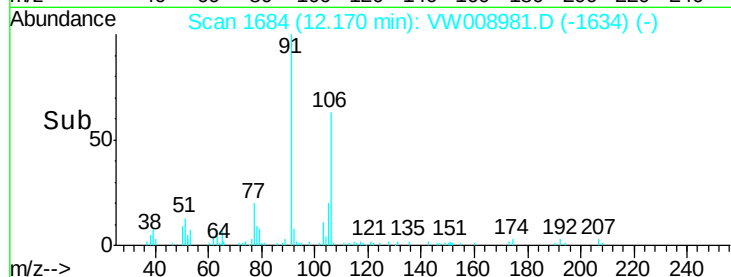
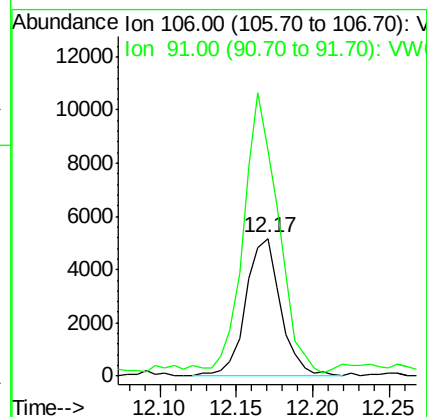
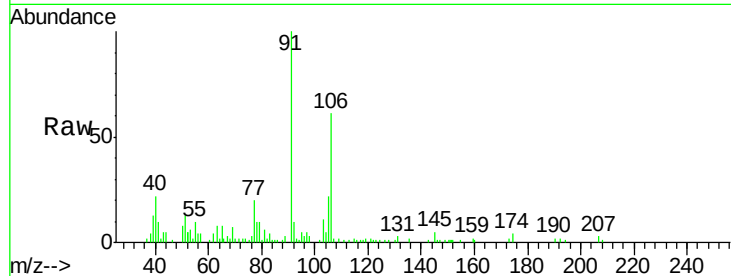




#69
o-Xylene
Concen: 1.235 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008981.D
Acq: 05 Mar 2019 01:04

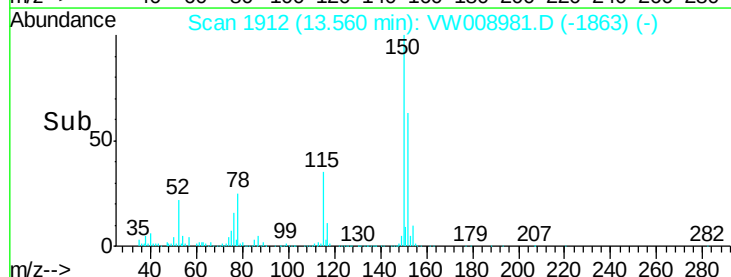
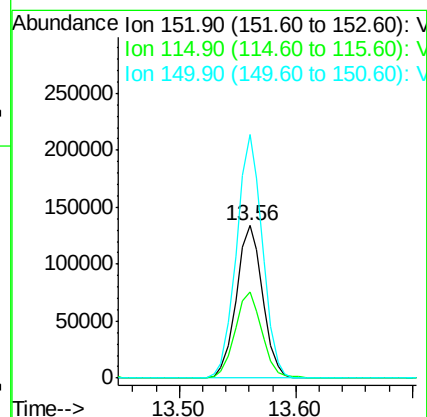
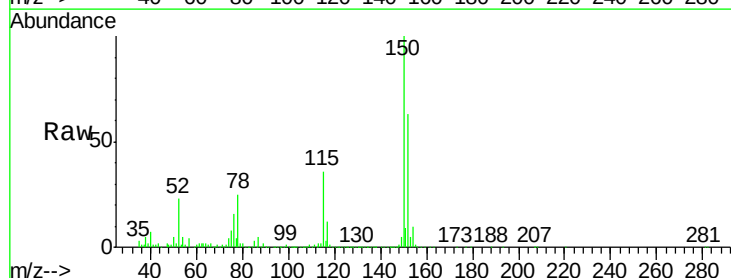
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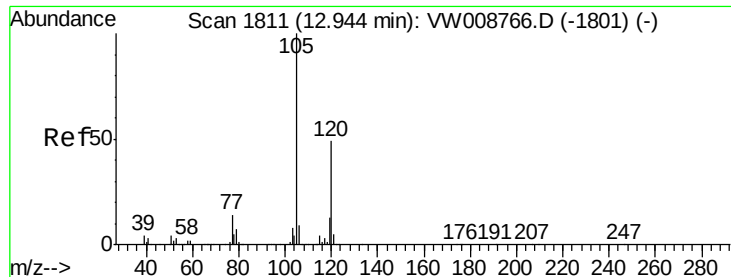
Tot Ion:106 Resp: 8196
Ion Ratio Lower Upper
106 100
91 199.6 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008981.D
Acq: 05 Mar 2019 01:04

Tgt Ion:152 Resp: 210764
Ion Ratio Lower Upper
152 100
115 57.5 28.6 85.8
150 157.3 0.0 348.0

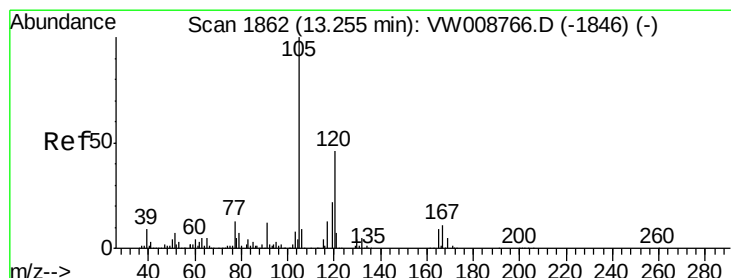
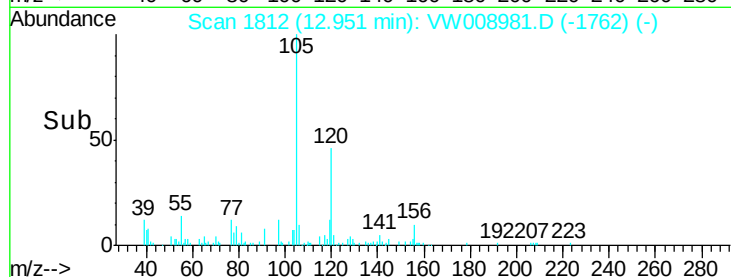
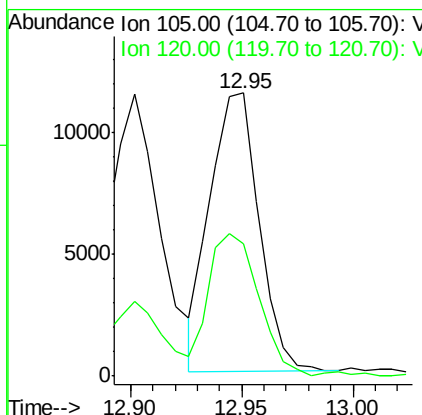
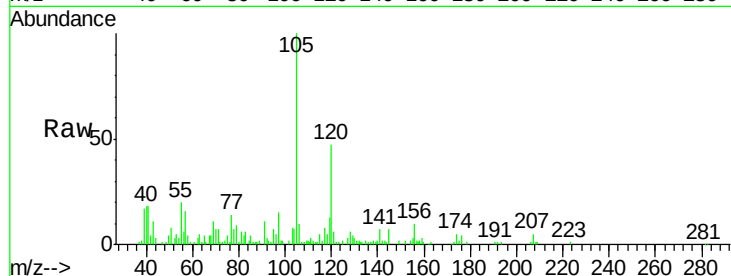




#80
 1,3,5-Trimethylbenzene
 Concen: 1.389 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008981.D
 Acq: 05 Mar 2019 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-I

Tot Ion:105 Resp: 17441
 Ion Ratio Lower Upper
 105 100
 120 52.4 24.8 74.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.701 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008981.D
 Acq: 05 Mar 2019 01:04

Tgt Ion:105 Resp: 22110
 Ion Ratio Lower Upper
 105 100
 120 49.3 22.8 68.4

