

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008163.D
 Acq On : 10 Jan 2019 21:39
 Operator : SY/AP
 Sample : K1088-10MS
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MS

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 2:27:54 PM

Quant Time: Jan 11 06:55:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	99762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	180989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	162219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58368	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
35) Dibromofluoromethane	7.88	113	56431	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
50) Toluene-d8	10.32	98	223898	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.62	95	79068	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
Target Compounds						
16) Acetone	4.13	43	9351	27.581	ug/l	94
85) sec-Butylbenzene	13.38	105	7109m	1.155	ug/l	

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

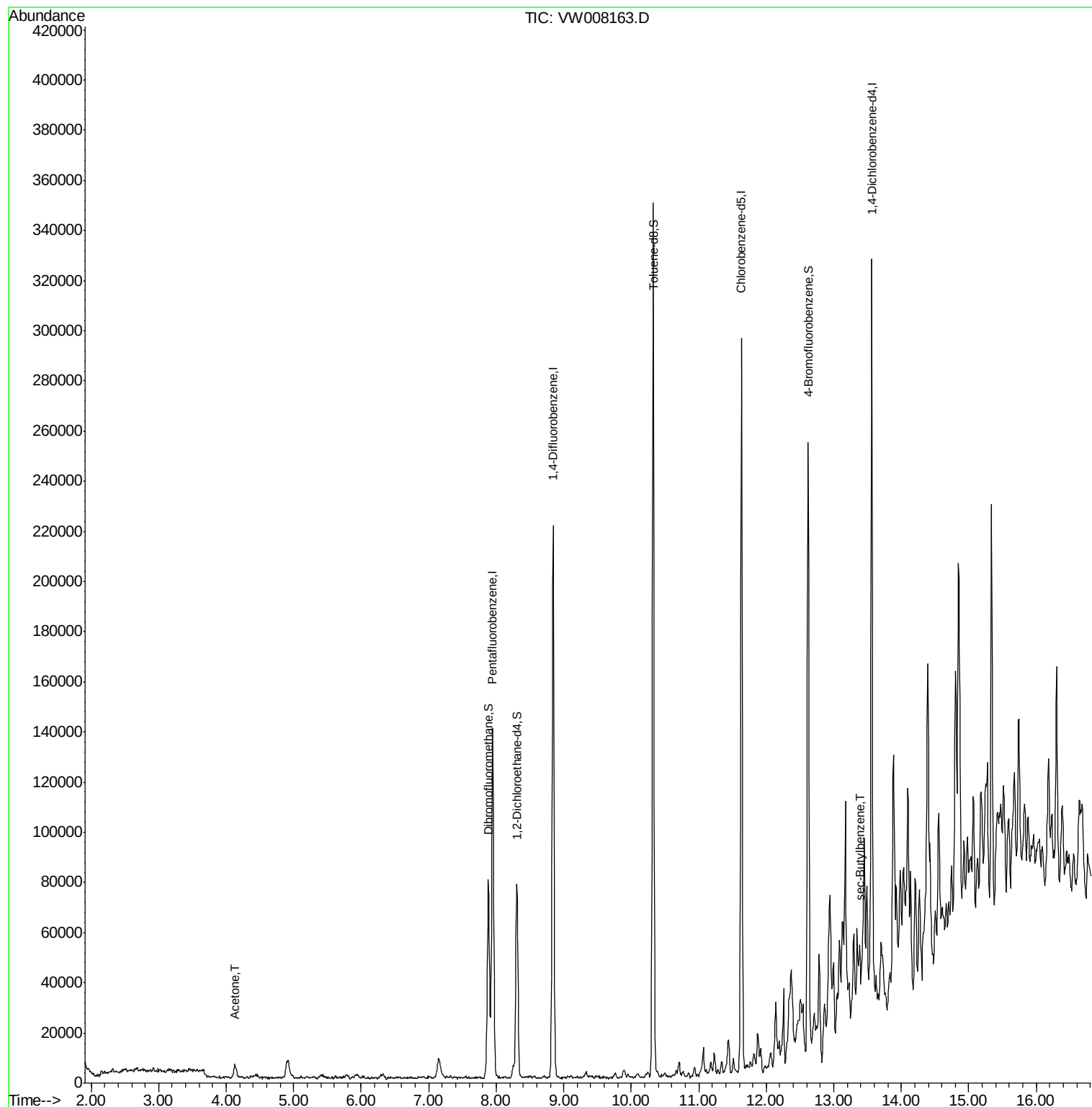
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011019\
Data File : VW008163.D
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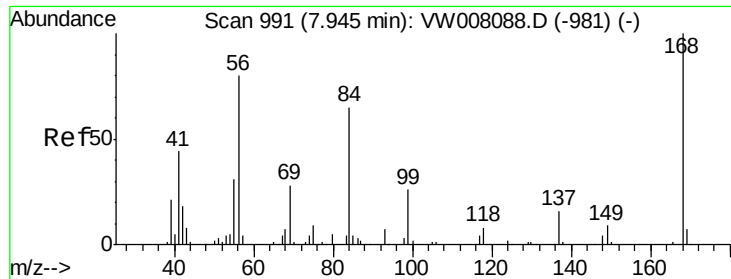
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MS

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008163.D

Acq: 10 Jan 2019 21:39

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

Tot Ion:168 Resp: 99762

Ion Ratio Lower Upper

168 100

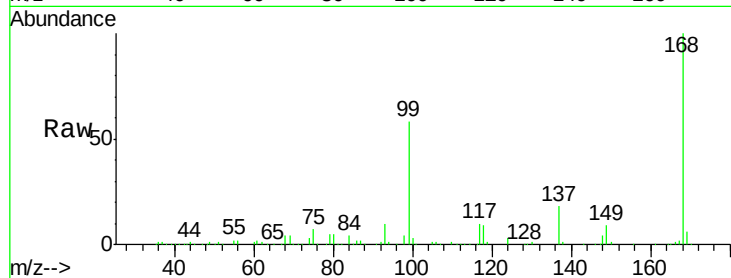
99 58.4 52.6 78.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

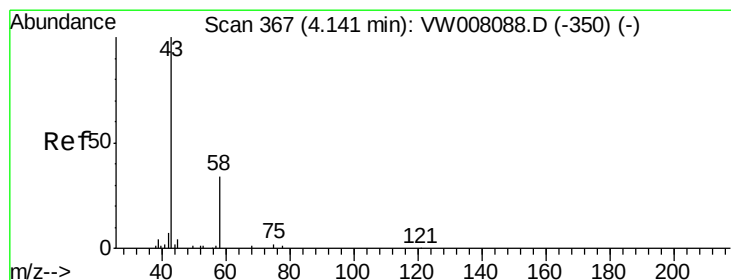
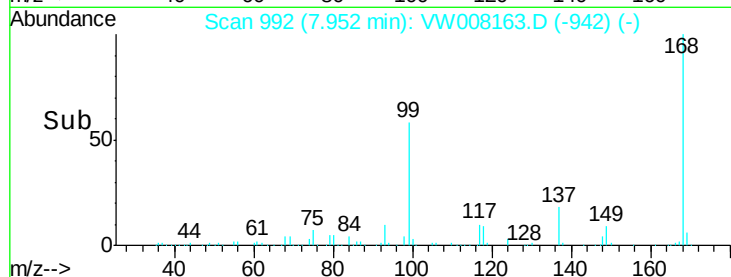
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 27.581 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008163.D

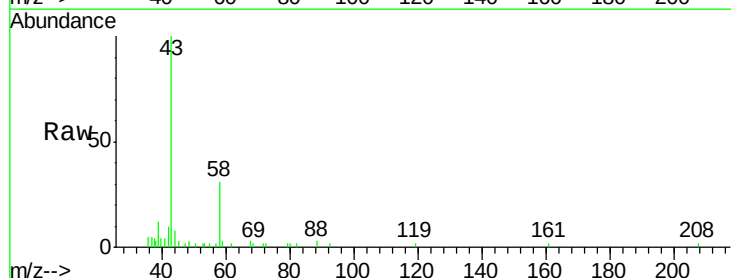
Acq: 10 Jan 2019 21:39

Tgt Ion: 43 Resp: 9351

Ion Ratio Lower Upper

43 100

58 31.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

3000

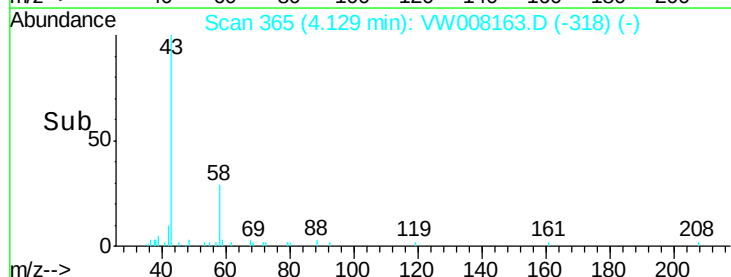
2000

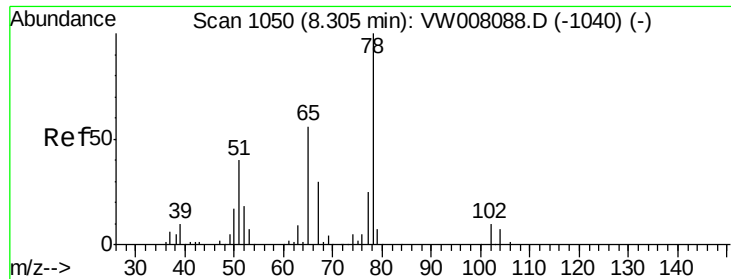
1000

0

4.05 4.10 4.15 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.057 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008163.D

Acq: 10 Jan 2019 21:39

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

Tot Ion: 65 Resp: 58368

Ion Ratio Lower Upper

65 100

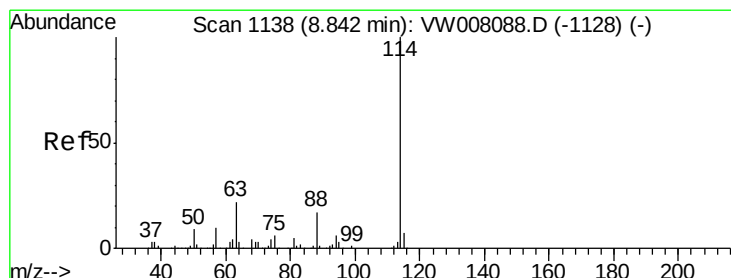
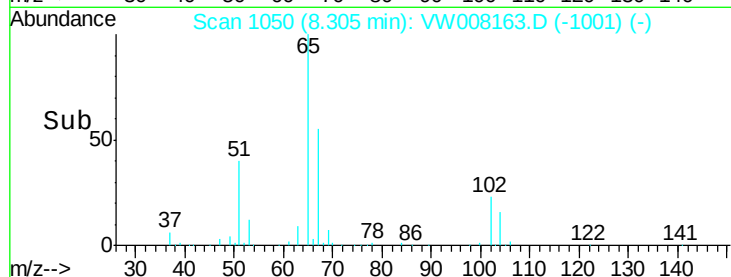
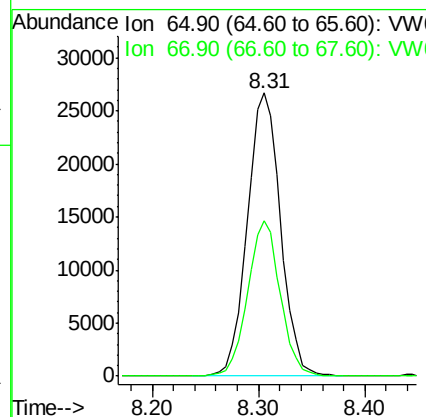
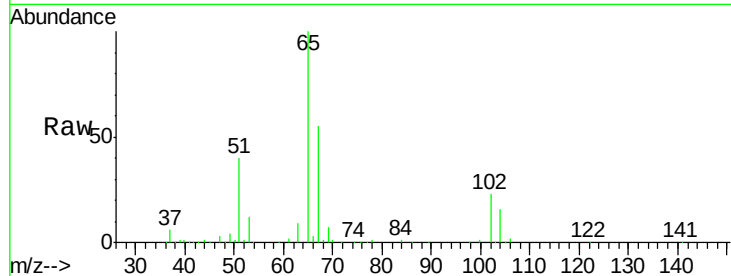
67 53.6 0.0 106.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008163.D

Acq: 10 Jan 2019 21:39

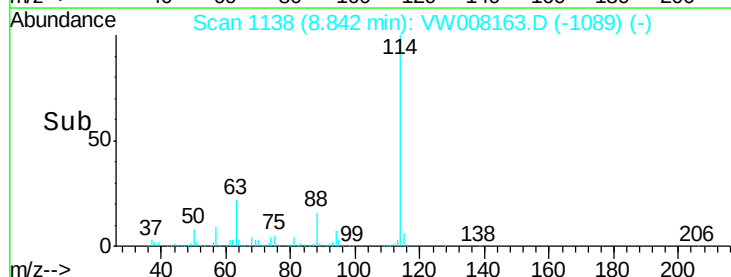
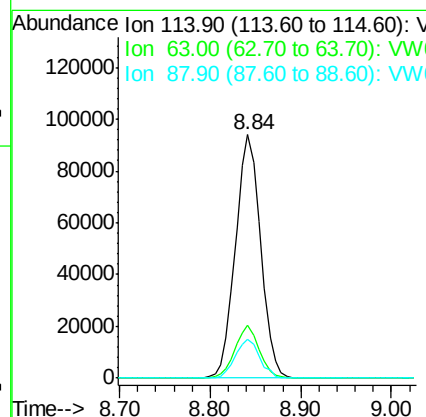
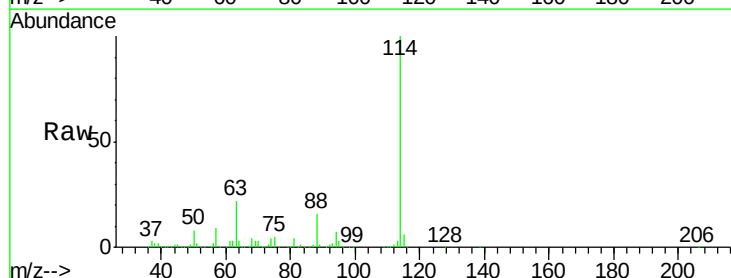
Tgt Ion: 114 Resp: 180989

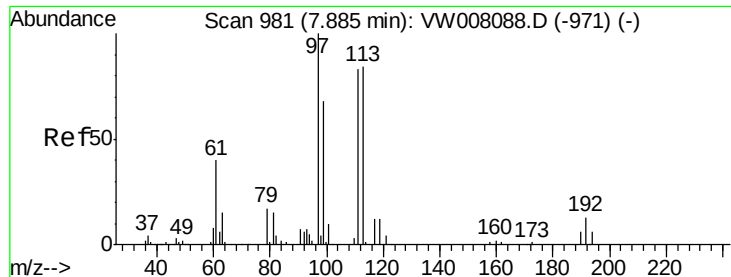
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.459 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008163.D

Acq: 10 Jan 2019 21:39

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

Tot Ion:113 Resp: 56431

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

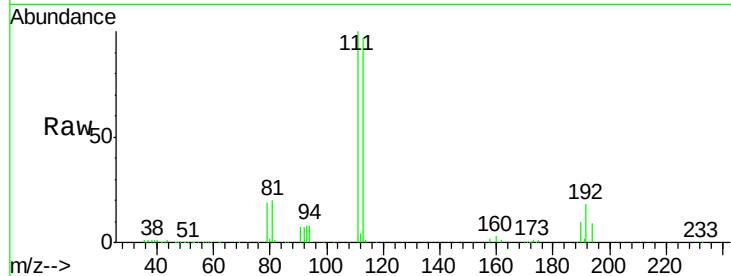
192 18.2 12.8 19.2

Manual Integrations

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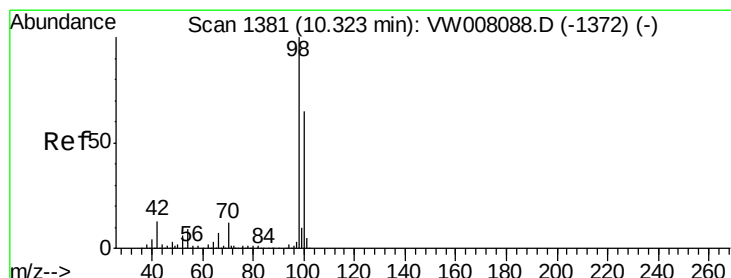
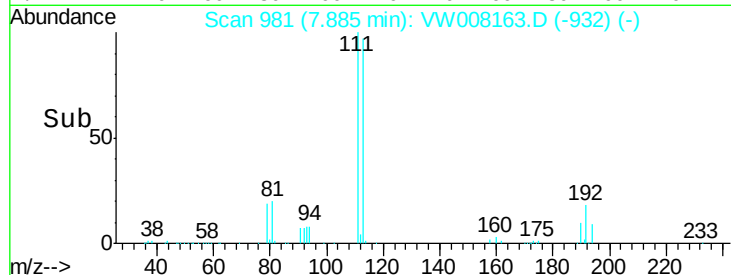
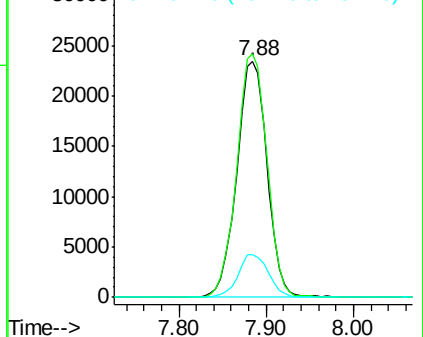
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 50.545 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008163.D

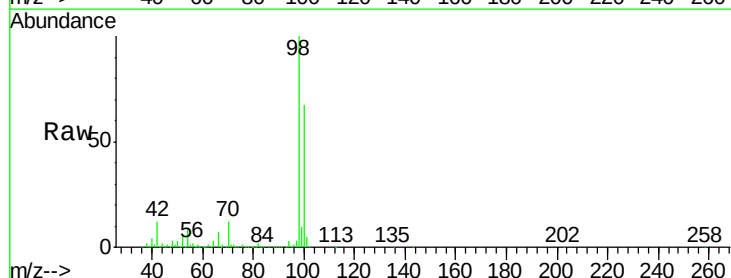
Acq: 10 Jan 2019 21:39

Tgt Ion: 98 Resp: 223898

Ion Ratio Lower Upper

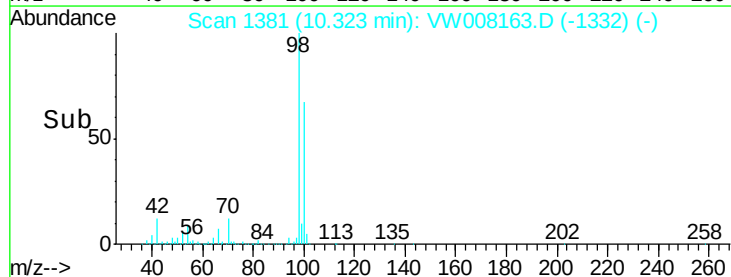
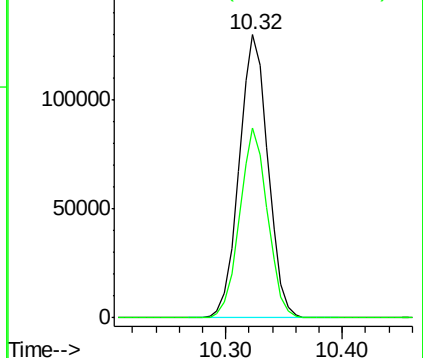
98 100

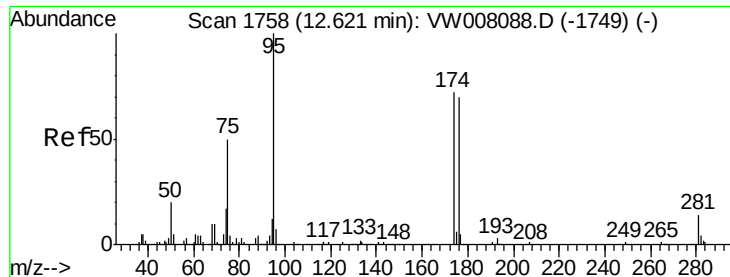
100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 49.790 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008163.D

Acq: 10 Jan 2019 21:39

Instrument :

MSVOA_W

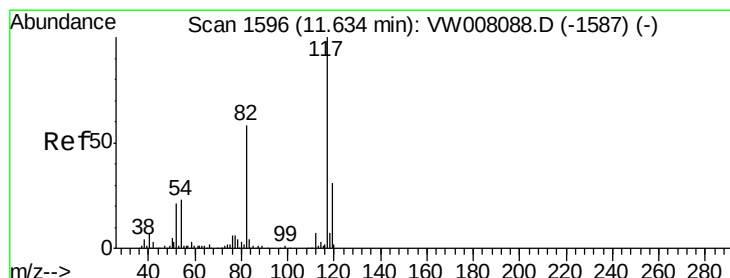
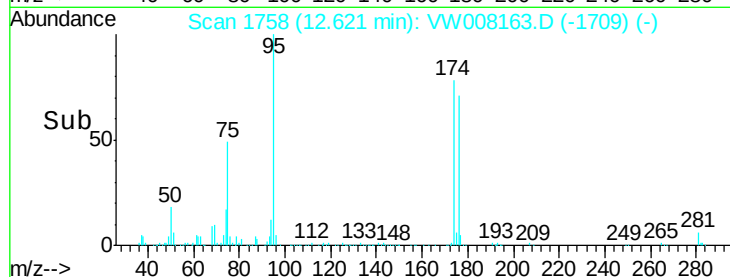
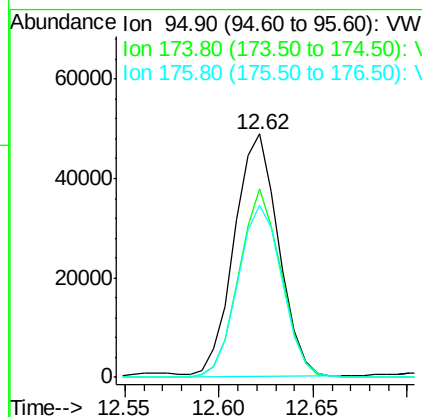
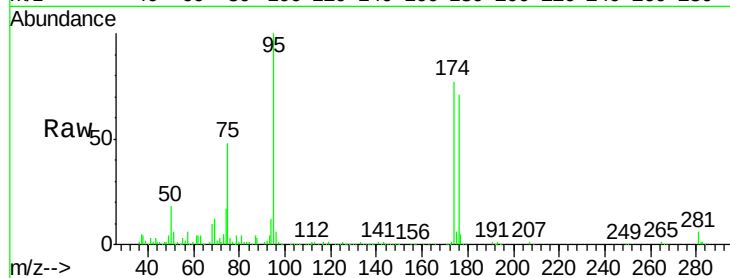
ClientSampleId :

CPSB-06(15-20)MS

Tot Ion:	95	Resp:	79068
Ion Ratio	Lower	Upper	
95	100		
174	74.6	0.0	143.0
176	71.5	0.0	140.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

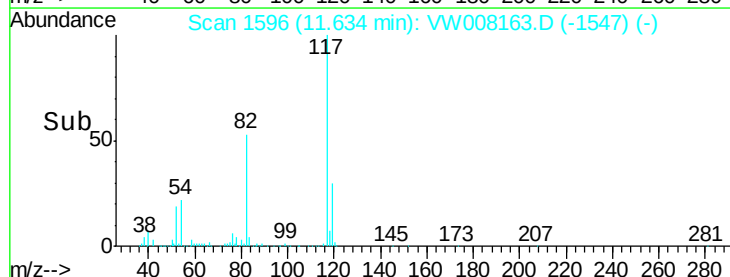
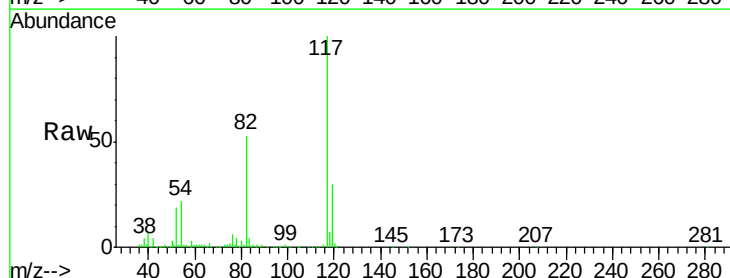
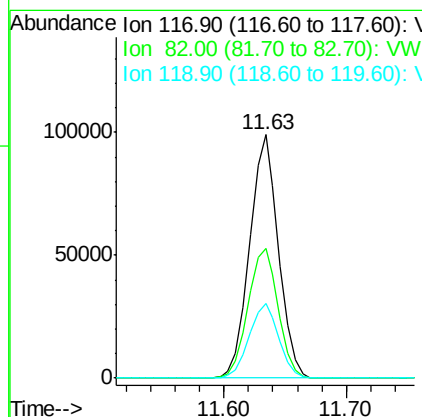
RT: 11.63 min Scan# 1596

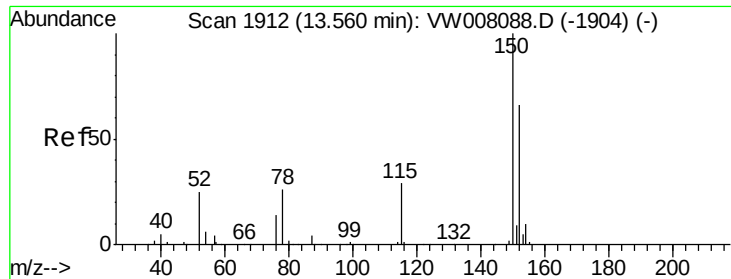
Delta R.T. 0.00 min

Lab File: VW008163.D

Acq: 10 Jan 2019 21:39

Tgt Ion:	117	Resp:	162219
Ion Ratio	Lower	Upper	
117	100		
82	53.1	46.4	69.6
119	30.5	24.7	37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008163.D

Acq: 10 Jan 2019 21:39

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

Tot Ion:152 Resp: 73640

Ion Ratio Lower Upper

152 100

115 59.8 30.8 92.4

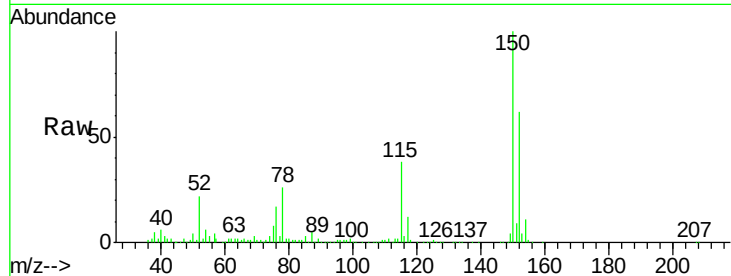
150 159.3 0.0 350.2

Manual Integrations

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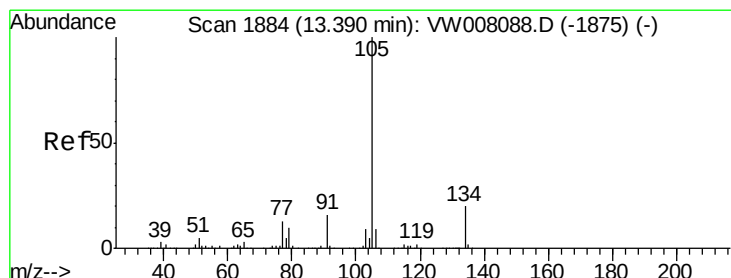
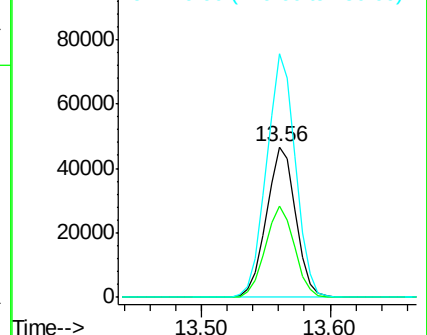
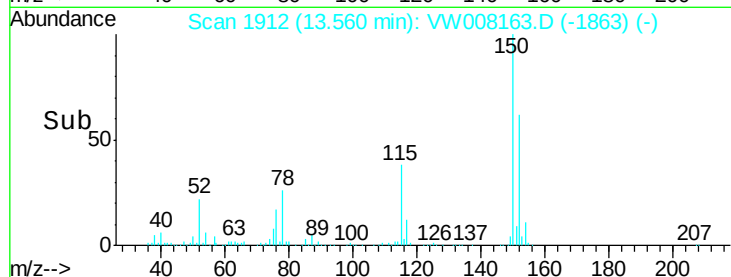
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#85

sec-Butylbenzene

Concen: 1.155 ug/l m

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008163.D

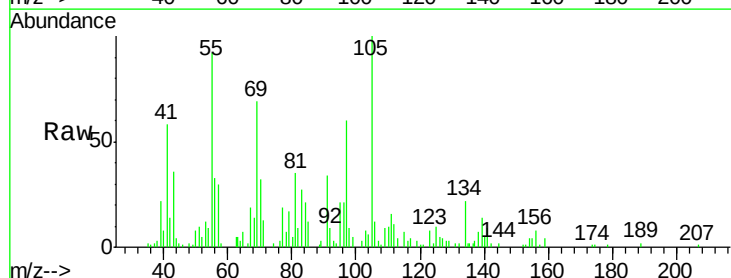
Acq: 10 Jan 2019 21:39

Tgt Ion:105 Resp: 7109

Ion Ratio Lower Upper

105 100

134 1.3 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

