

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008205.D
 Acq On : 11 Jan 2019 20:10
 Operator : SY/VA
 Sample : K1102-02
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(20-25)

Quant Time: Jan 12 00:52:14 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

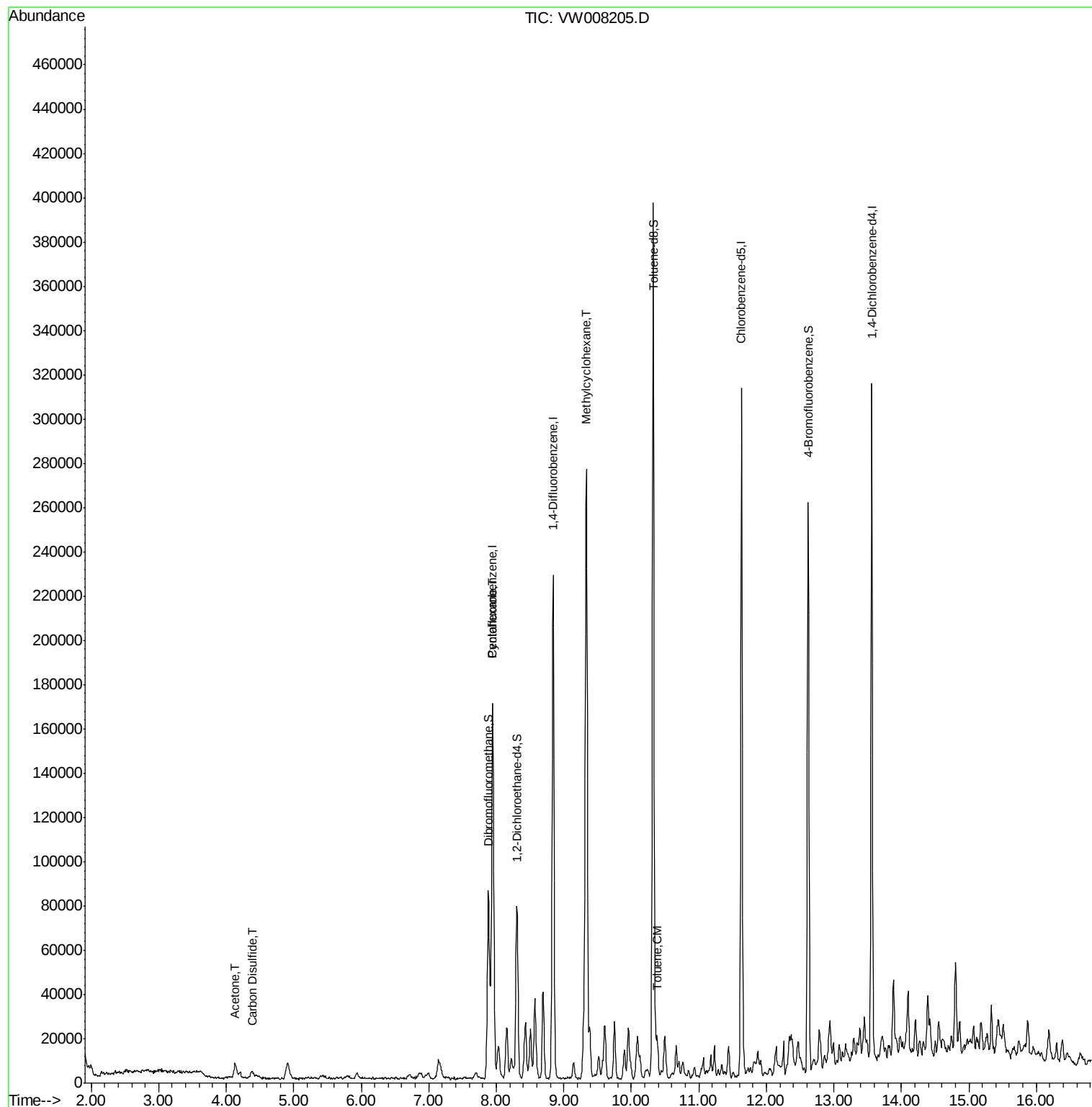
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	194028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	60981	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	7.88	113	59507	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
50) Toluene-d8	10.32	98	240353	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	81445	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	12461	37.169	ug/l	92
17) Carbon Disulfide	4.38	76	6723	1.758	ug/l	95
31) Cyclohexane	7.95	56	14442	5.462	ug/l #	83
39) Methylcyclohexane	9.34	83	112235	44.287	ug/l	92
52) Toluene	10.39	92	7246	2.093	ug/l	98

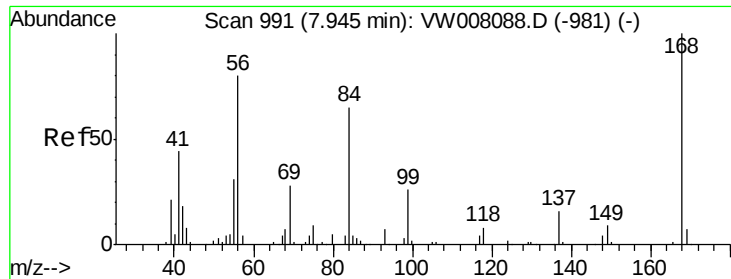
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011119\
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Quant Title : SW846 8260
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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: VW008205.D

Acq: 11 Jan 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

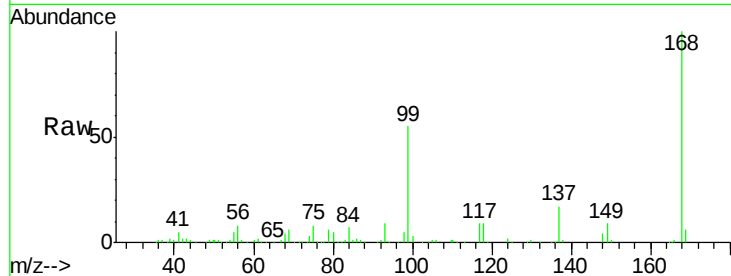
CPSB-18(20-25)

Tot Ion:168 Resp: 111793

Ion Ratio Lower Upper

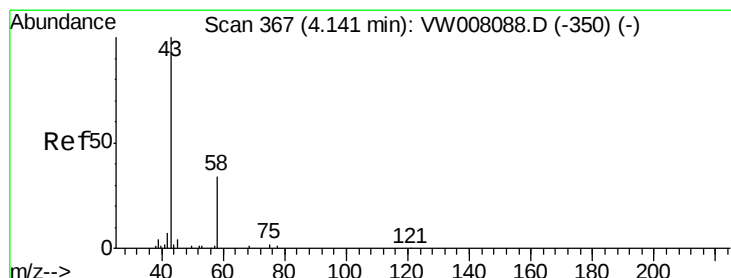
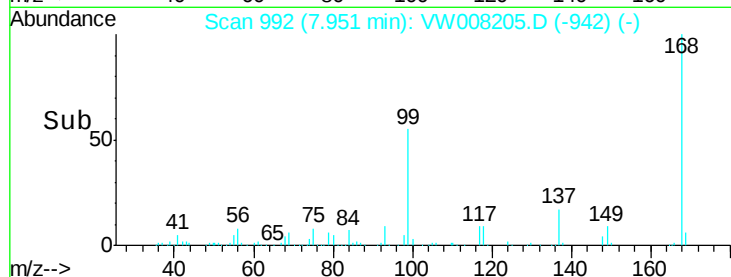
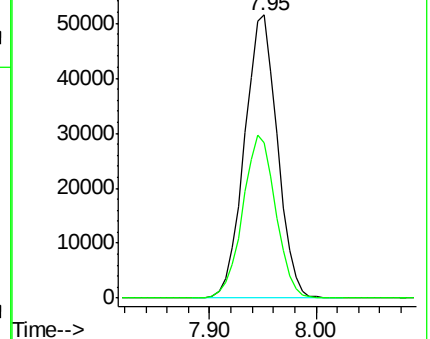
168 100

99 55.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 37.169 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008205.D

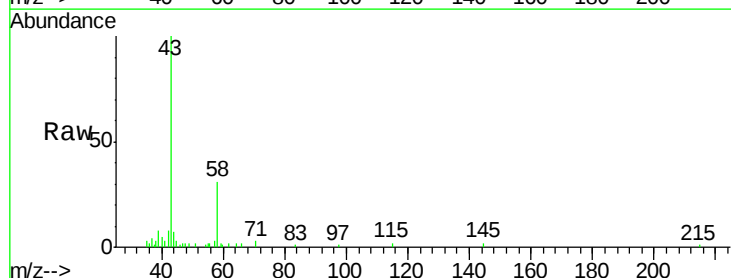
Acq: 11 Jan 2019 20:10

Tgt Ion: 43 Resp: 12461

Ion Ratio Lower Upper

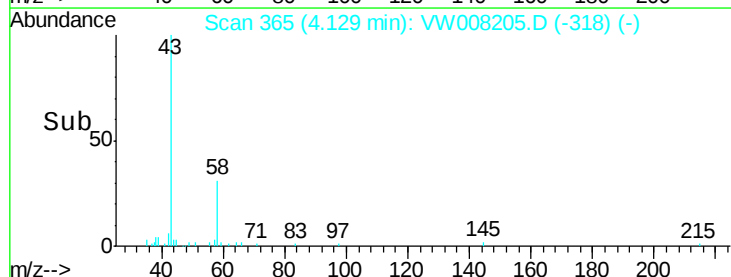
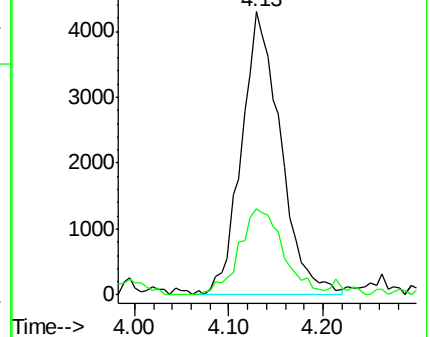
43 100

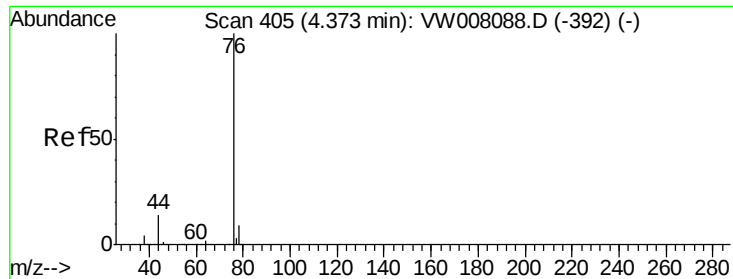
58 29.6 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.758 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008205.D

Acq: 11 Jan 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

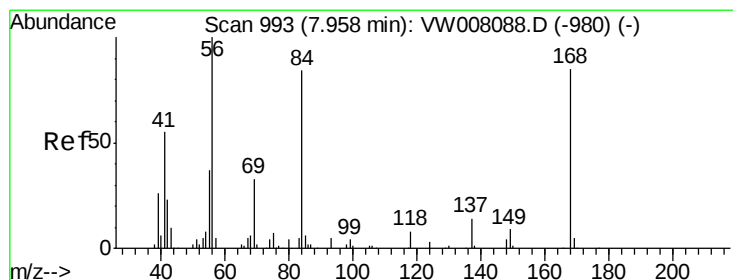
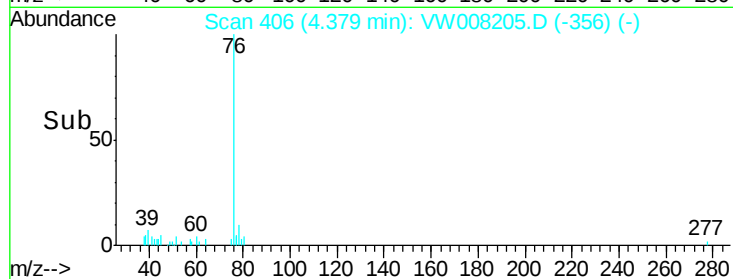
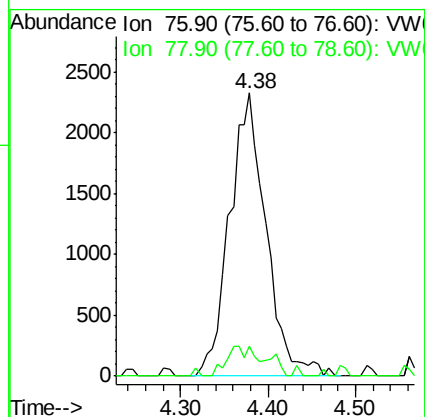
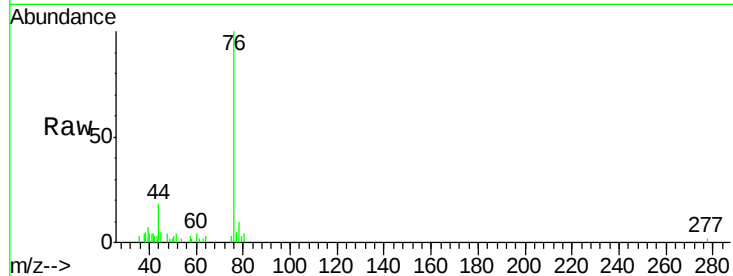
CPSB-18(20-25)

Tot Ion: 76 Resp: 6723

Ion Ratio Lower Upper

76 100

78 10.5 7.0 10.6



#31

Cyclohexane

Concen: 5.462 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008205.D

Acq: 11 Jan 2019 20:10

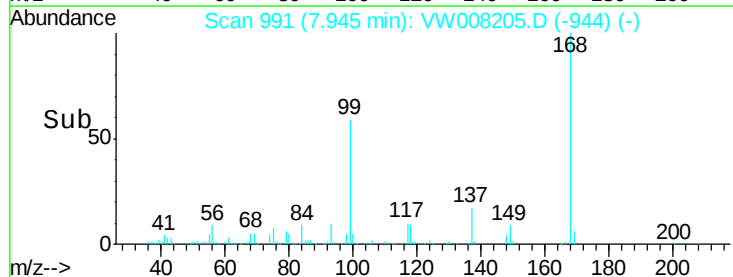
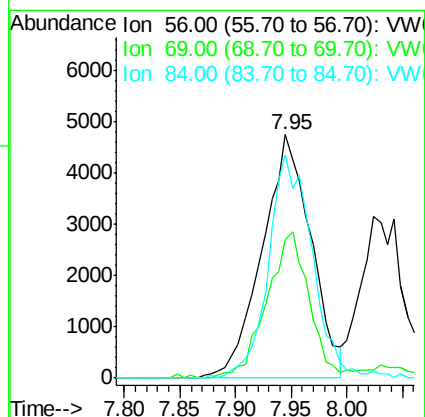
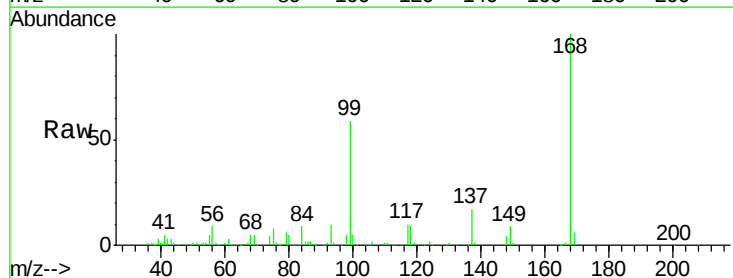
Tgt Ion: 56 Resp: 14442

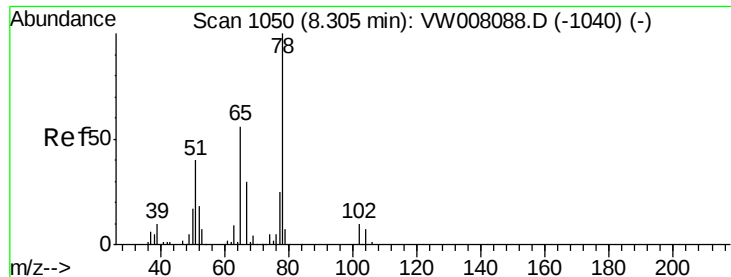
Ion Ratio Lower Upper

56 100

69 55.7 26.2 39.4#

84 91.8 67.4 101.2





#33

1,2-Dichloroethane-d4

Concen: 48.534 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008205.D

Acq: 11 Jan 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

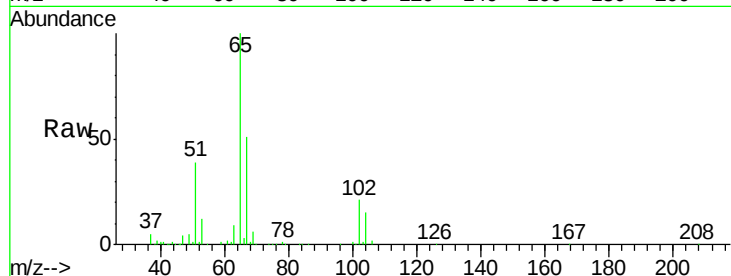
CPSB-18(20-25)

Tot Ion: 65 Resp: 60981

Ion Ratio Lower Upper

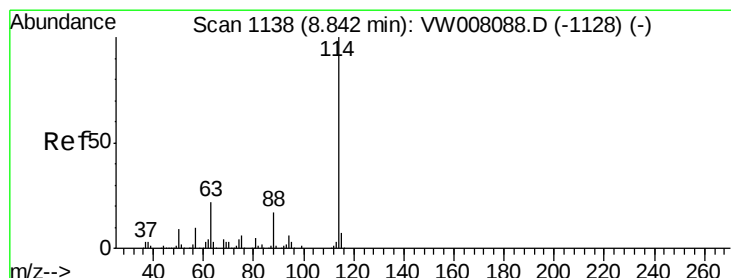
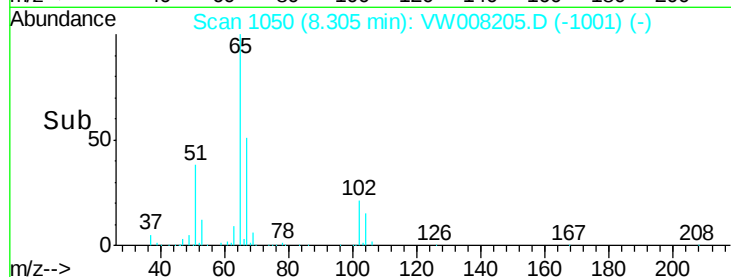
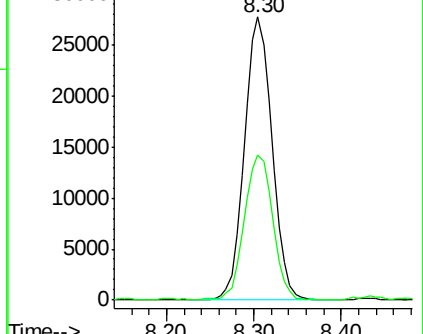
65 100

67 53.0 0.0 106.8



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: VW008205.D

Acq: 11 Jan 2019 20:10

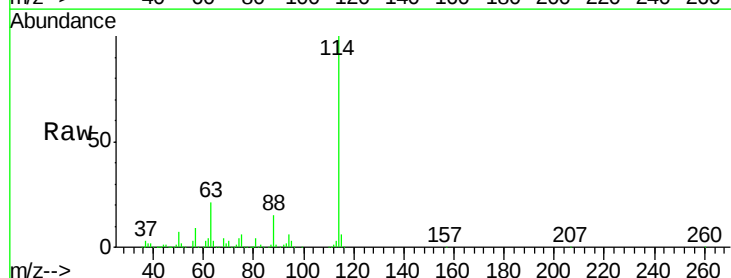
Tgt Ion: 114 Resp: 194028

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.4

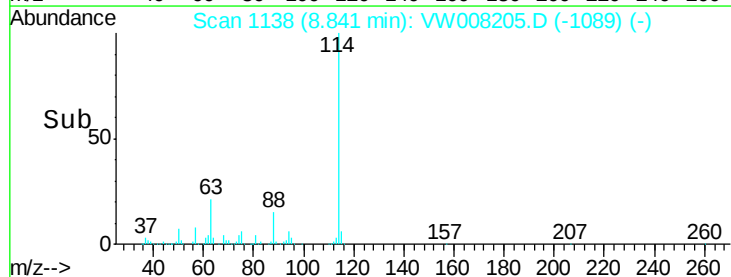
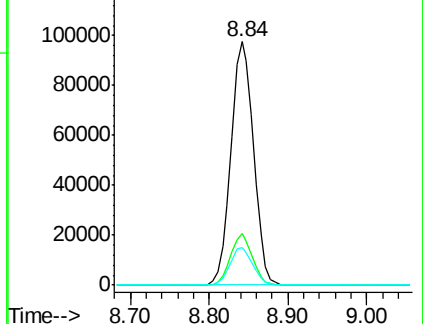
88 15.4 0.0 33.4

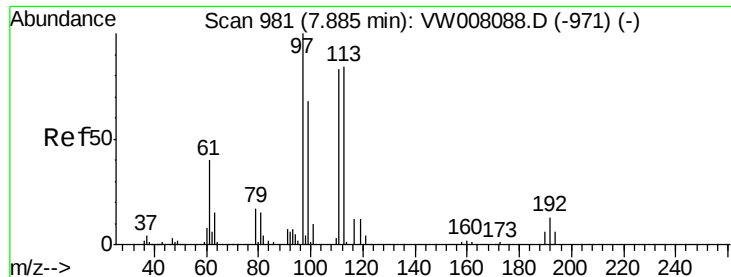


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

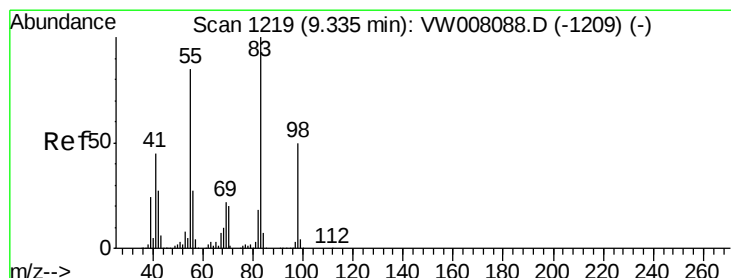
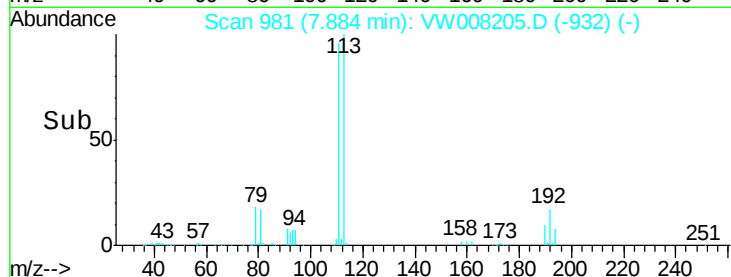
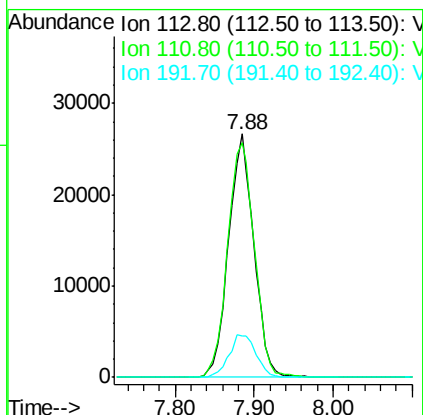
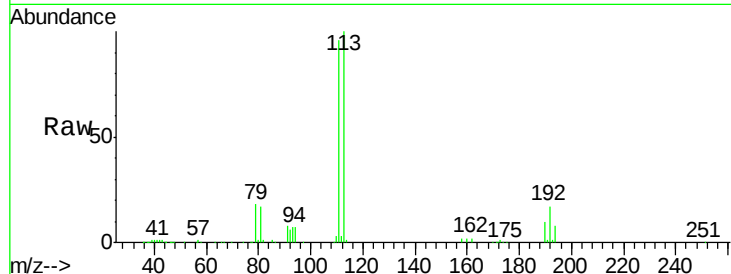




#35
 Dibromofluoromethane
 Concen: 52.584 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008205.D
 Acq: 11 Jan 2019 20:10

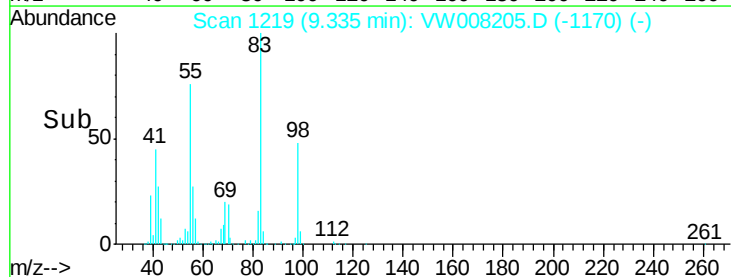
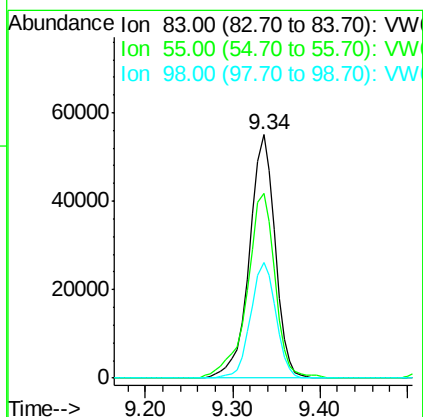
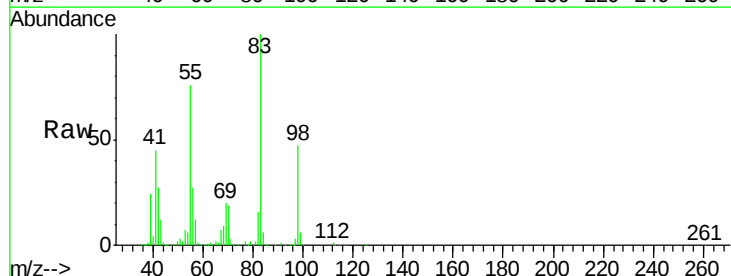
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-18(20-25)

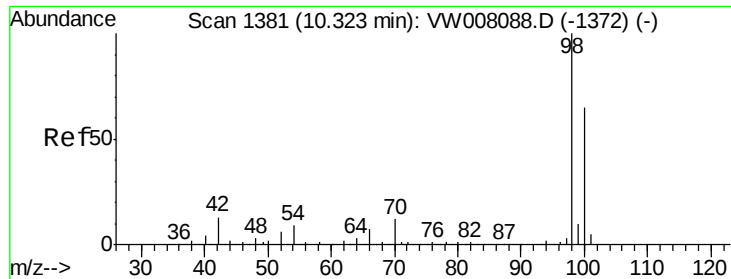
Tot Ion:113 Resp: 59507
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.8
 192 18.7 12.8 19.2



#39
 Methylcyclohexane
 Concen: 44.287 ug/l
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW008205.D
 Acq: 11 Jan 2019 20:10

Tgt Ion: 83 Resp: 112235
 Ion Ratio Lower Upper
 83 100
 55 75.8 67.8 101.6
 98 47.5 40.2 60.4

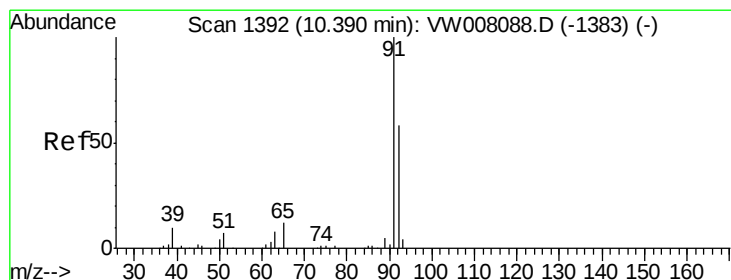
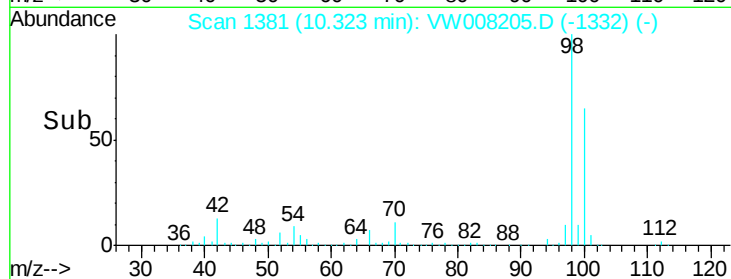
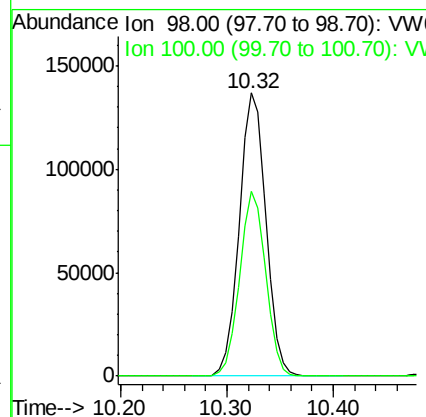
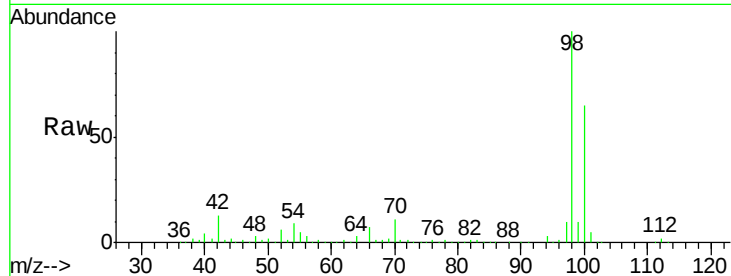




#50
Toluene-d8
Concen: 50.613 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008205.D
Acq: 11 Jan 2019 20:10

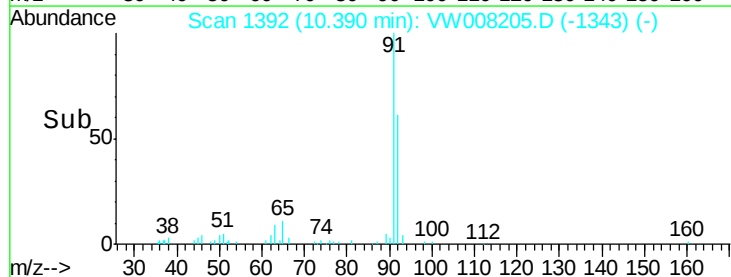
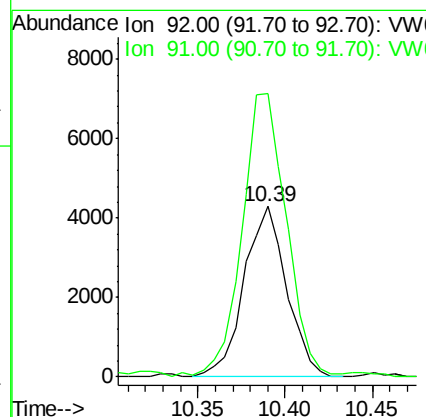
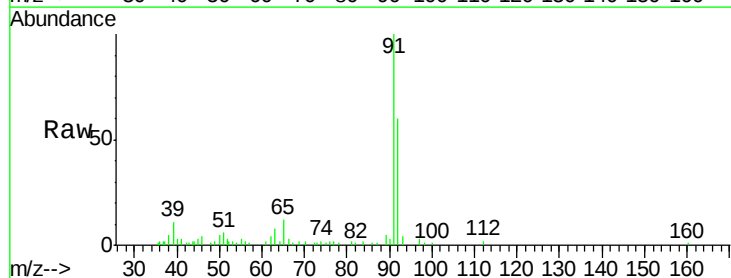
Instrument :
MSVOA_W
ClientSampleId :
CPSB-18(20-25)

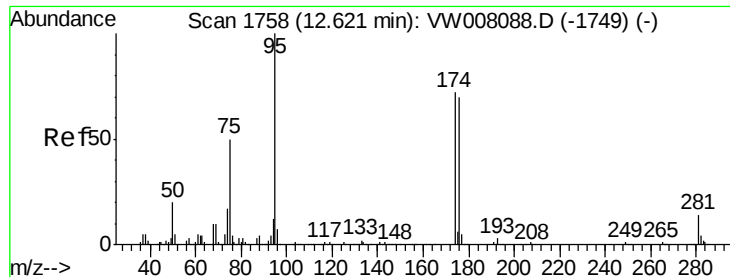
Tot Ion: 98 Resp: 240353
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#52
Toluene
Concen: 2.093 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008205.D
Acq: 11 Jan 2019 20:10

Tgt Ion: 92 Resp: 7246
Ion Ratio Lower Upper
92 100
91 173.7 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 47.840 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008205.D

Acq: 11 Jan 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

CPSB-18(20-25)

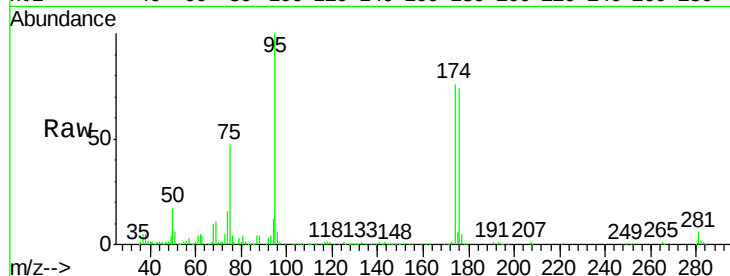
Tot Ion: 95 Resp: 81445

Ion Ratio Lower Upper

95 100

174 78.0 0.0 143.0

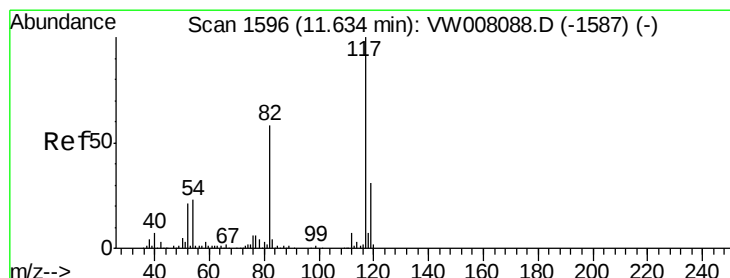
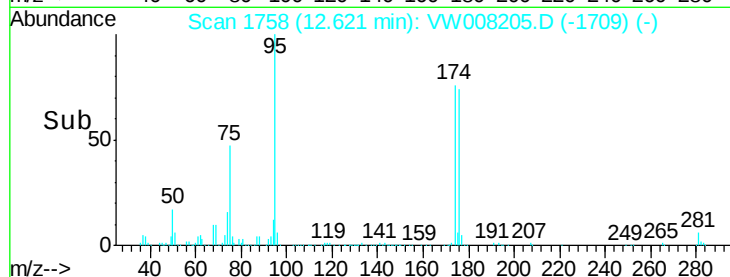
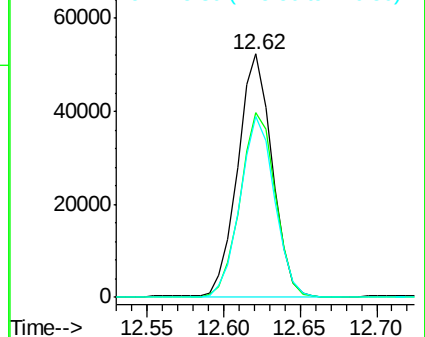
176 75.0 0.0 140.2



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: VW008205.D

Acq: 11 Jan 2019 20:10

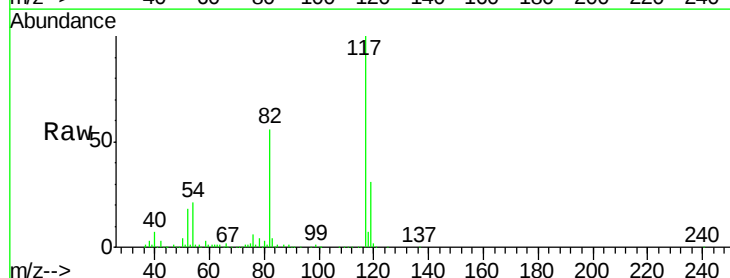
Tgt Ion: 117 Resp: 170640

Ion Ratio Lower Upper

117 100

82 56.2 46.4 69.6

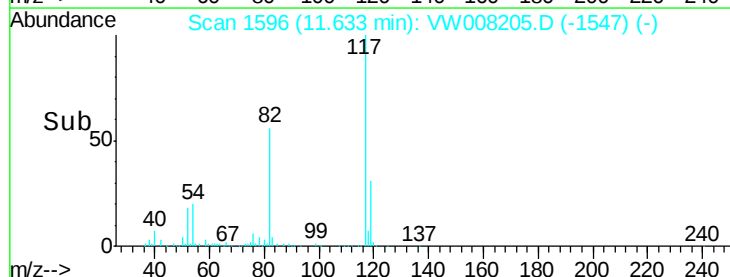
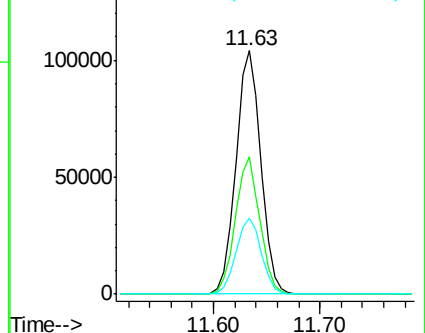
119 31.1 24.7 37.1

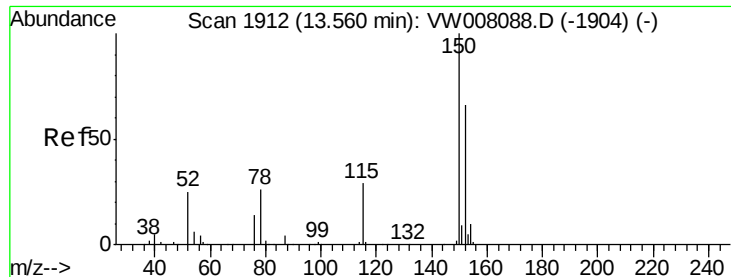


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008205.D

Acq: 11 Jan 2019 20:10

Instrument :

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ClientSampleId :

CPSB-18(20-25)

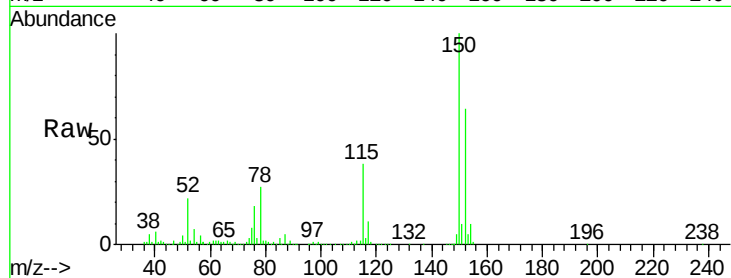
Tot Ion:152 Resp: 78774

Ion Ratio Lower Upper

152 100

115 59.2 30.8 92.4

150 158.7 0.0 350.2



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

