

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008047.D
 Acq On : 04 Jan 2019 15:03
 Operator : SY/AP
 Sample : K1044-03
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-11(10-15)

Quant Time: Jan 05 01:19:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

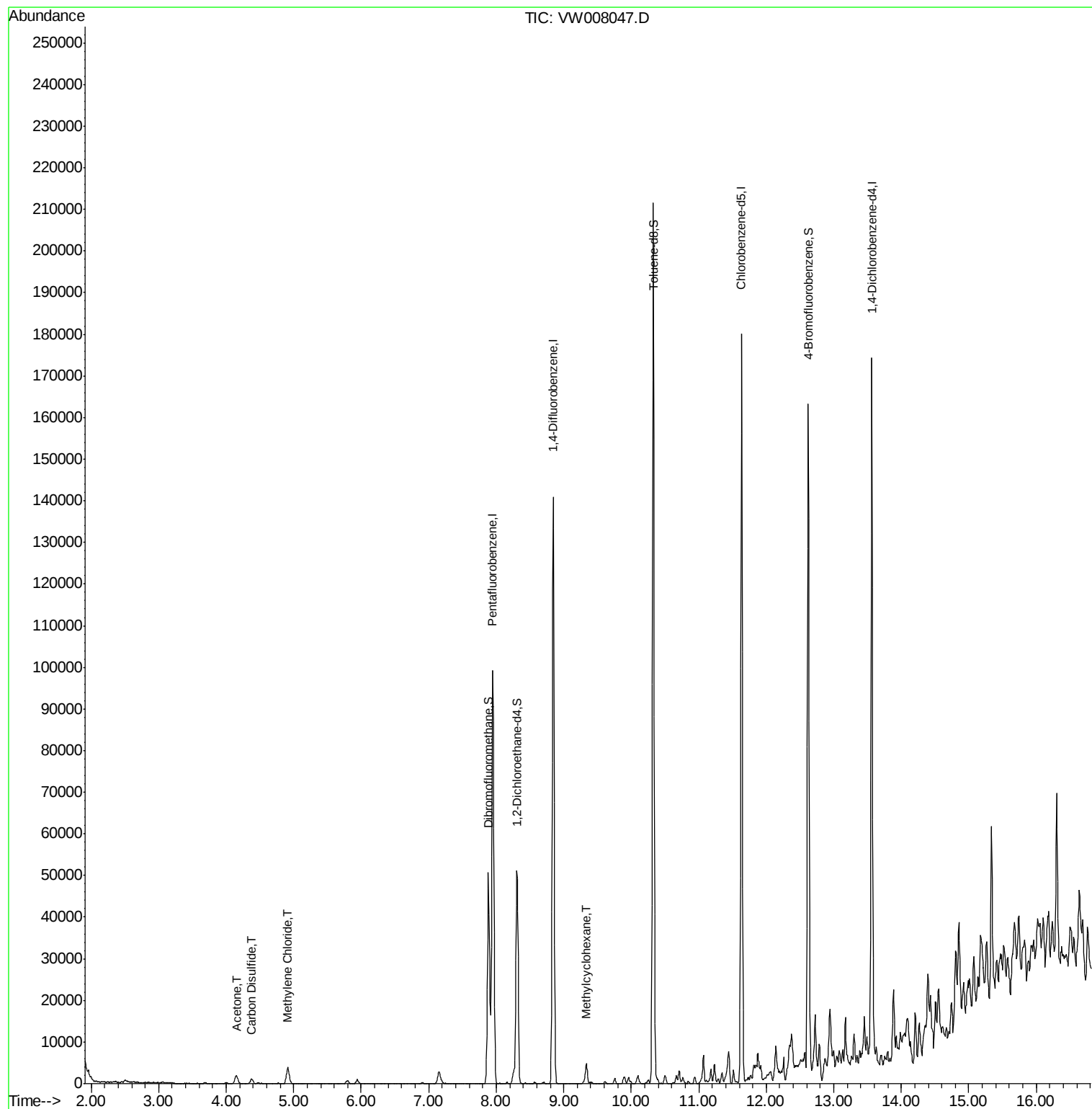
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	44620	56.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.82%	
35) Dibromofluoromethane	7.88	113	37298	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
50) Toluene-d8	10.33	98	140961	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.62	95	49731	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
Target Compounds						
16) Acetone	4.15	43	4271	35.189	ug/l	94
17) Carbon Disulfide	4.39	76	2422	1.114	ug/l	97
20) Methylene Chloride	4.92	84	3119	1.880	ug/l	89
39) Methylcyclohexane	9.34	83	2042	1.389	ug/l	91

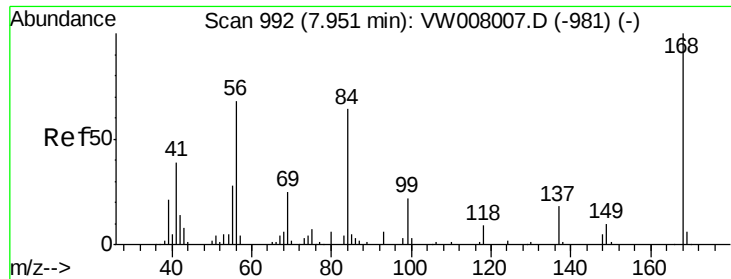
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010419\
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Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

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MSVOA_W

ClientSampleId :

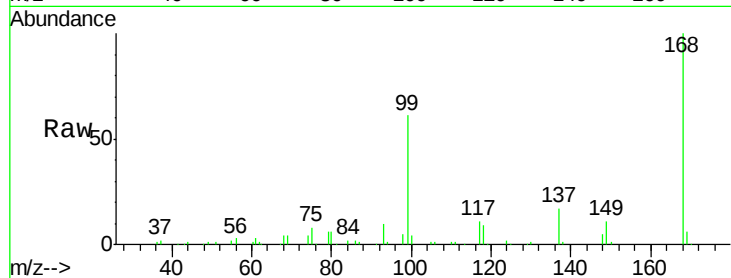
CPSB-11(10-15)

Tot Ion:168 Resp: 70890

Ion Ratio Lower Upper

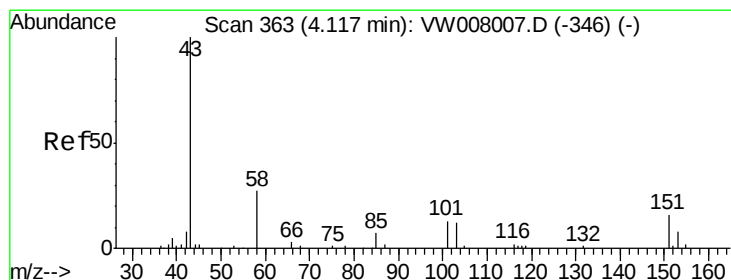
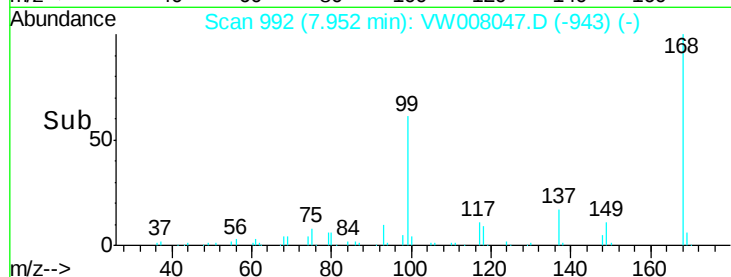
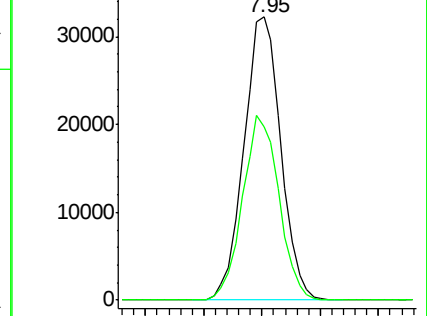
168 100

99 61.3 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 35.189 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.04 min

Lab File: VW008047.D

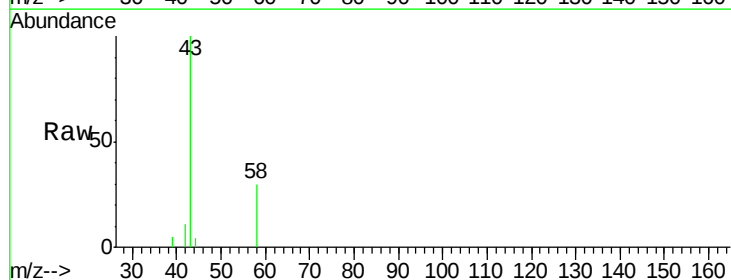
Acq: 04 Jan 2019 15:03

Tgt Ion: 43 Resp: 4271

Ion Ratio Lower Upper

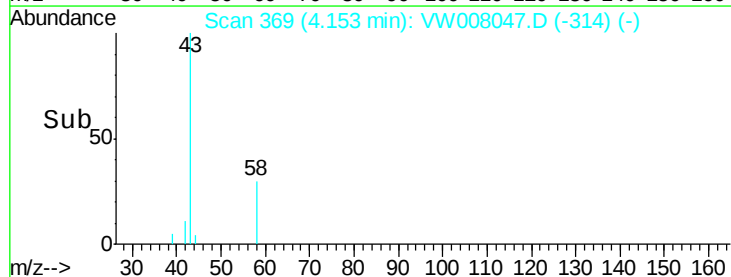
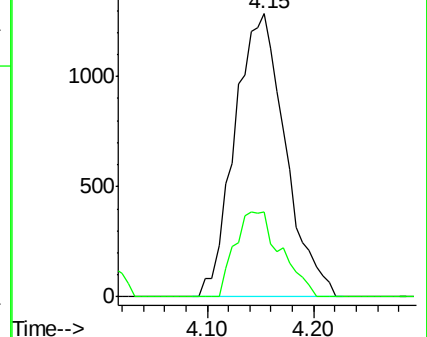
43 100

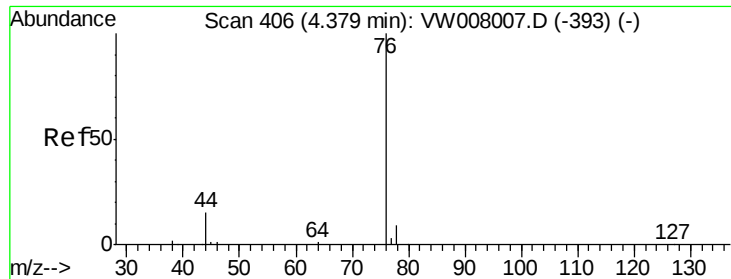
58 30.2 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

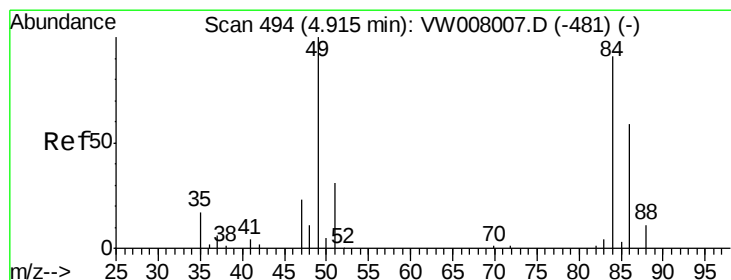
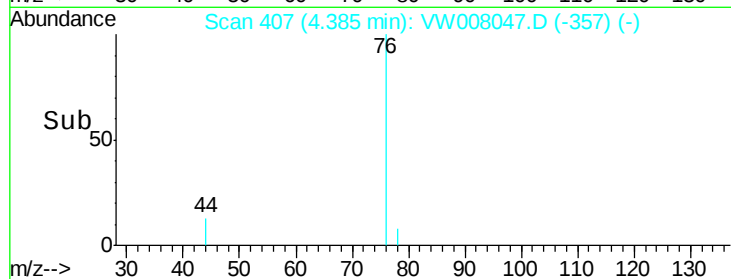
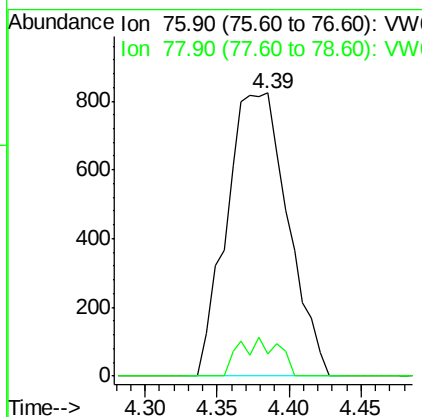
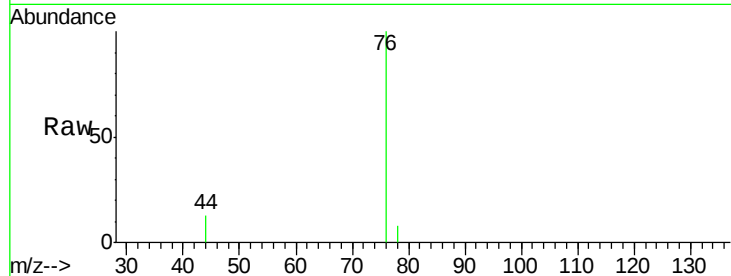




#17
Carbon Disulfide
Concen: 1.114 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

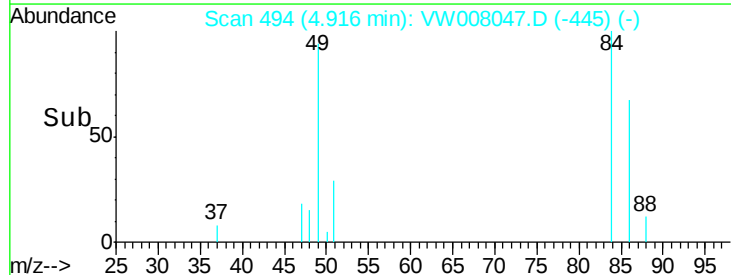
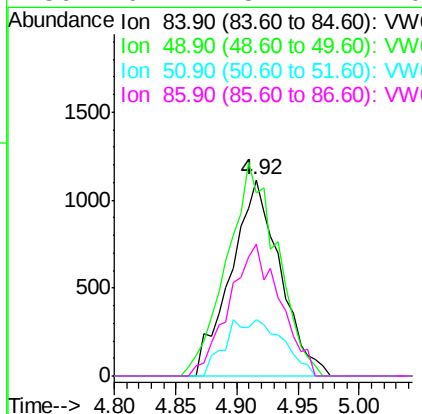
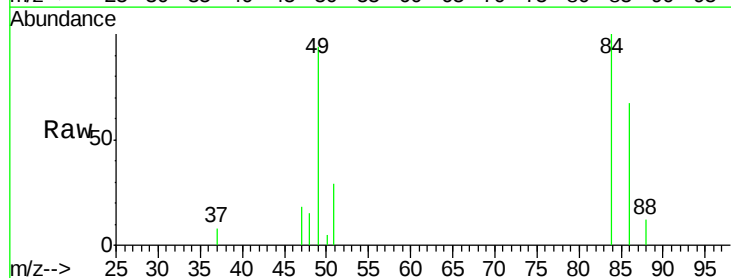
Instrument :
MSVOA_W
ClientSampleId :
CPSB-11(10-15)

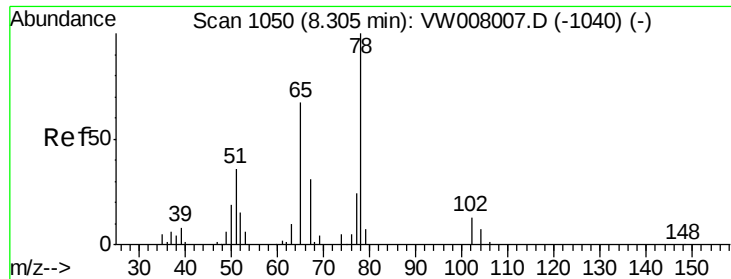
Tot Ion: 76 Resp: 2422
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.4



#20
Methylene Chloride
Concen: 1.880 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

Tgt Ion: 84 Resp: 3119
Ion Ratio Lower Upper
84 100
49 93.5 87.7 131.5
51 28.5 27.3 40.9
86 67.1 51.4 77.0





#33

1,2-Dichloroethane-d4

Concen: 56.907 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

Instrument :

MSVOA_W

ClientSampleId :

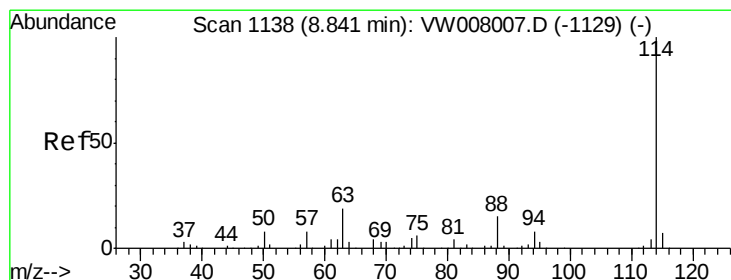
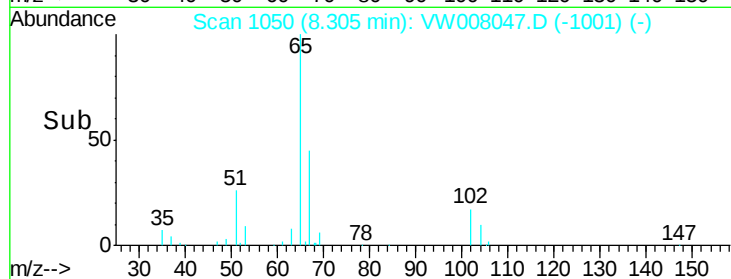
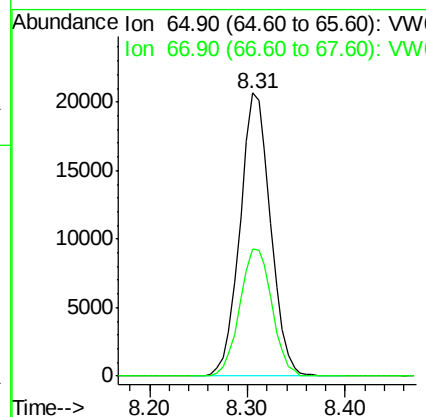
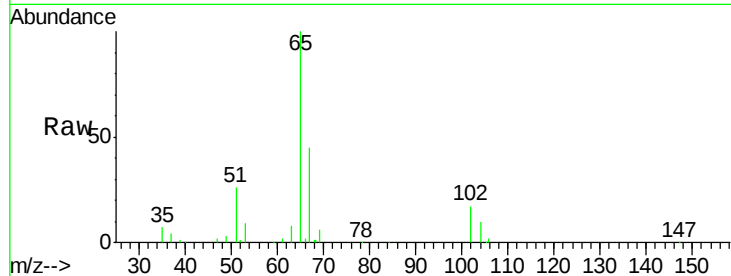
CPSB-11(10-15)

Tot Ion: 65 Resp: 44620

Ion Ratio Lower Upper

65 100

67 47.3 0.0 94.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

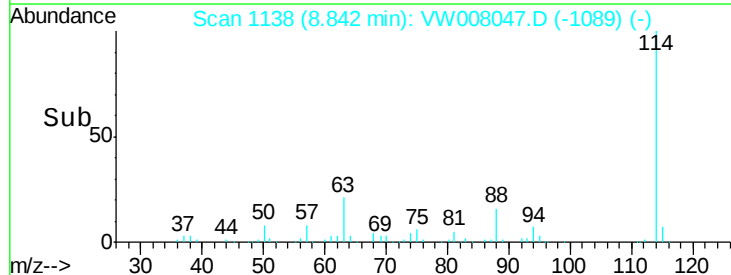
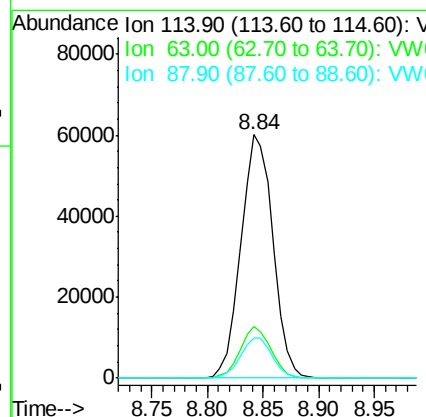
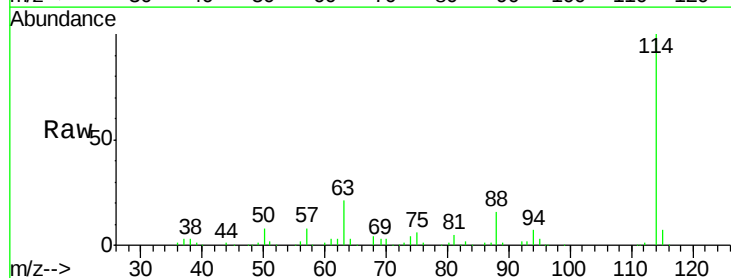
Tgt Ion: 114 Resp: 119537

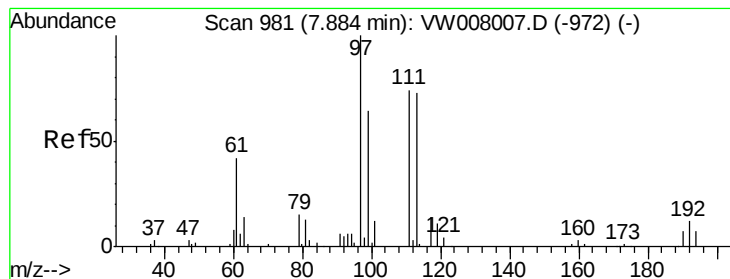
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.8

88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.495 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

Instrument :

MSVOA_W

ClientSampleId :

CPSB-11(10-15)

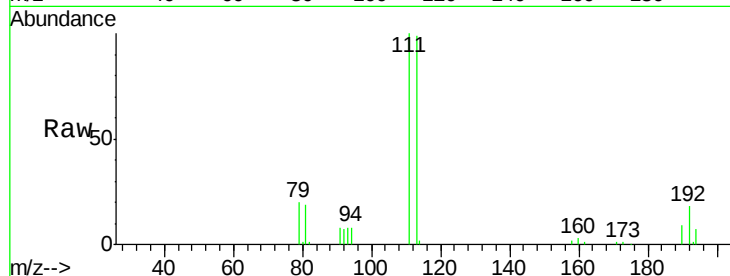
Tot Ion:113 Resp: 37298

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

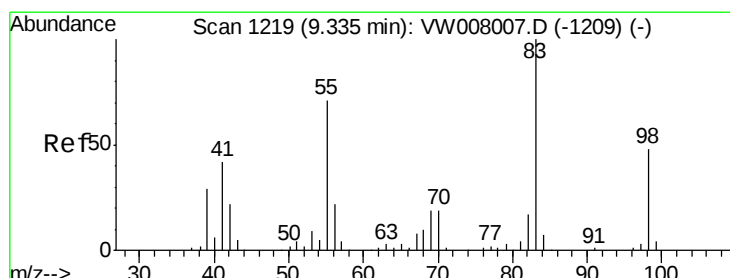
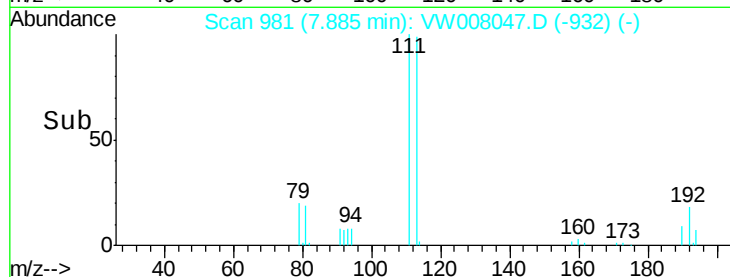
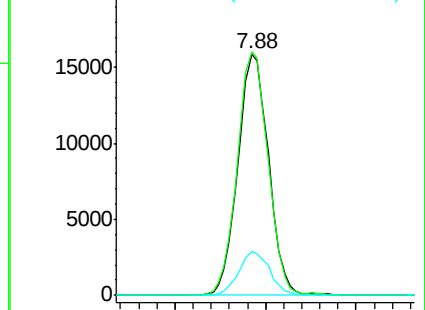
192 18.3 14.8 22.2



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



#39

Methylcyclohexane

Concen: 1.389 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

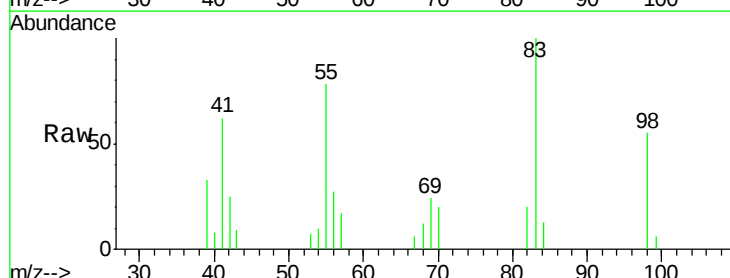
Tgt Ion: 83 Resp: 2042

Ion Ratio Lower Upper

83 100

55 77.5 56.8 85.2

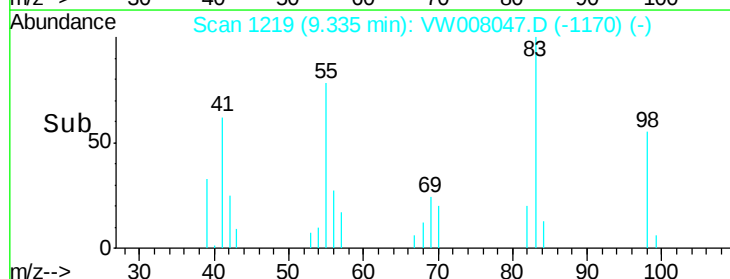
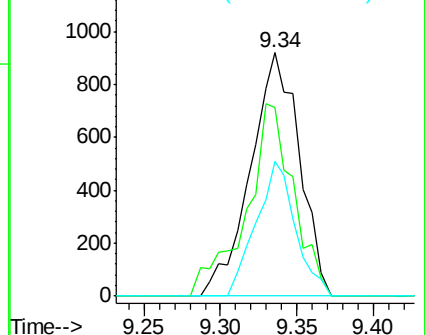
98 55.2 38.6 58.0

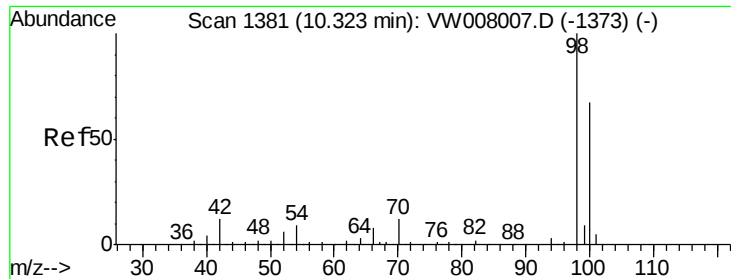


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 49.866 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

Instrument :

MSVOA_W

ClientSampleId :

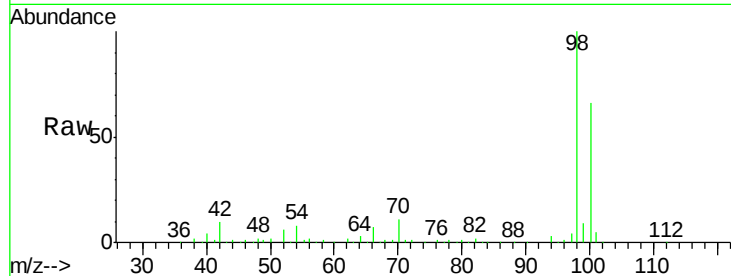
CPSB-11(10-15)

Tot Ion: 98 Resp: 140961

Ion Ratio Lower Upper

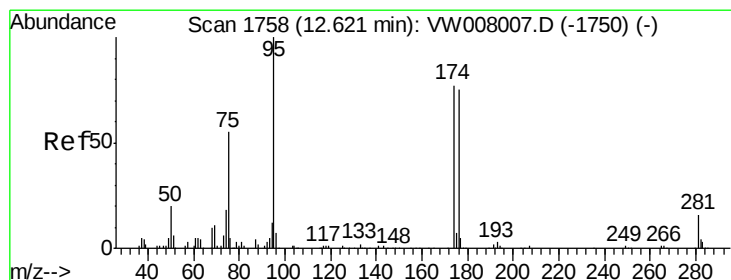
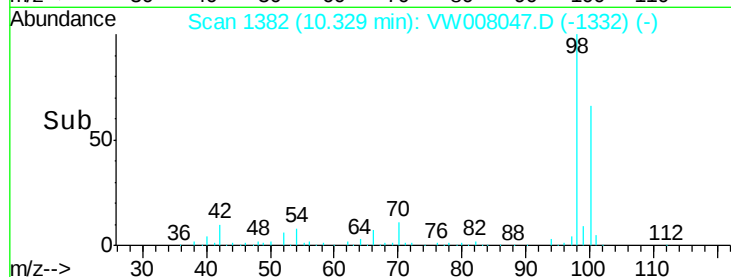
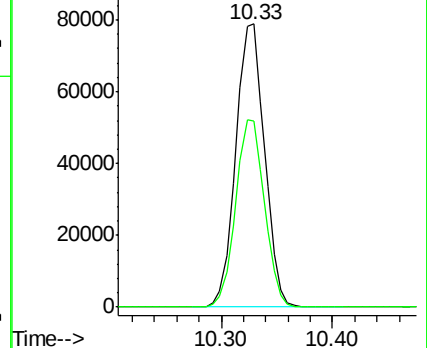
98 100

100 66.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.873 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

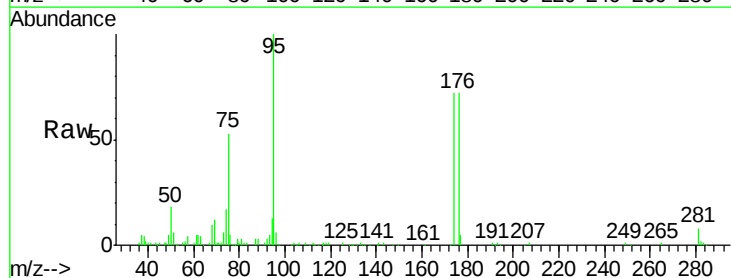
Tgt Ion: 95 Resp: 49731

Ion Ratio Lower Upper

95 100

174 76.6 0.0 149.6

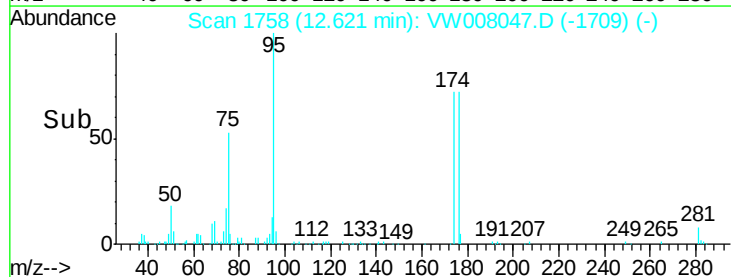
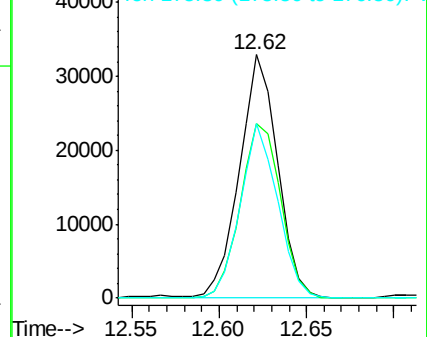
176 70.8 0.0 145.4

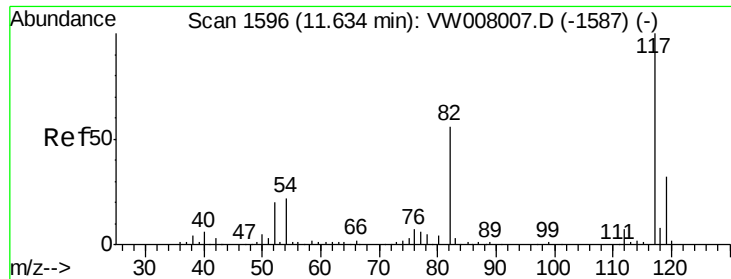


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

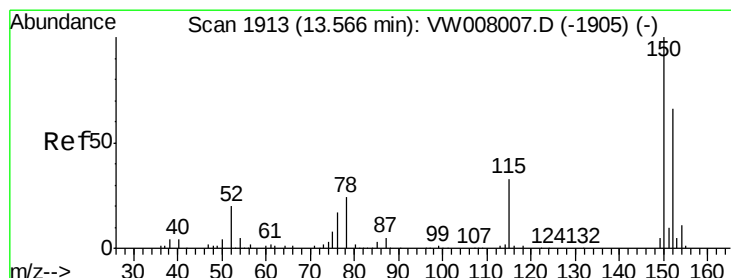
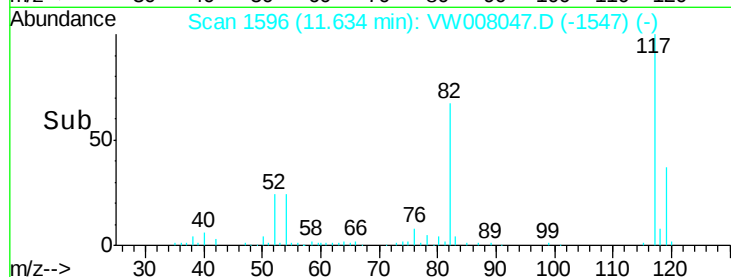
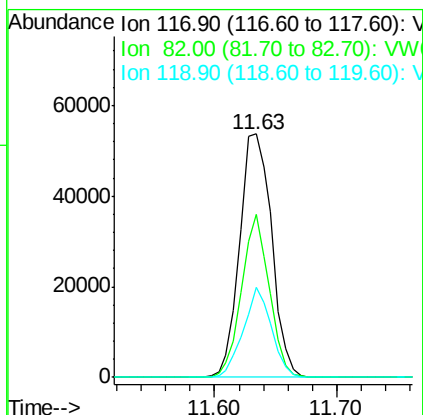
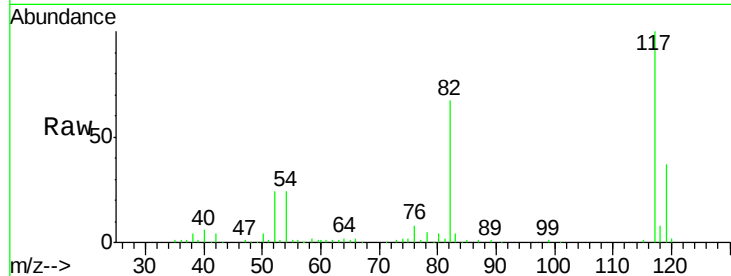




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

Instrument :
MSVOA_W
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CPSB-11(10-15)

Tot Ion:117 Resp: 97931
Ion Ratio Lower Upper
117 100
82 66.7 44.8 67.2
119 36.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

Tgt Ion:152 Resp: 44703
Ion Ratio Lower Upper
152 100
115 59.2 32.1 96.5
150 153.5 0.0 345.0

