

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008101.D
 Acq On : 09 Jan 2019 14:24
 Operator : SY/AP
 Sample : K1071-06
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-15(20-25)

Quant Time: Jan 10 06:24:37 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	88313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	152374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	132450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61687	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51445	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	7.88	113	46363	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.32	98	194839	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.62	95	65824	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

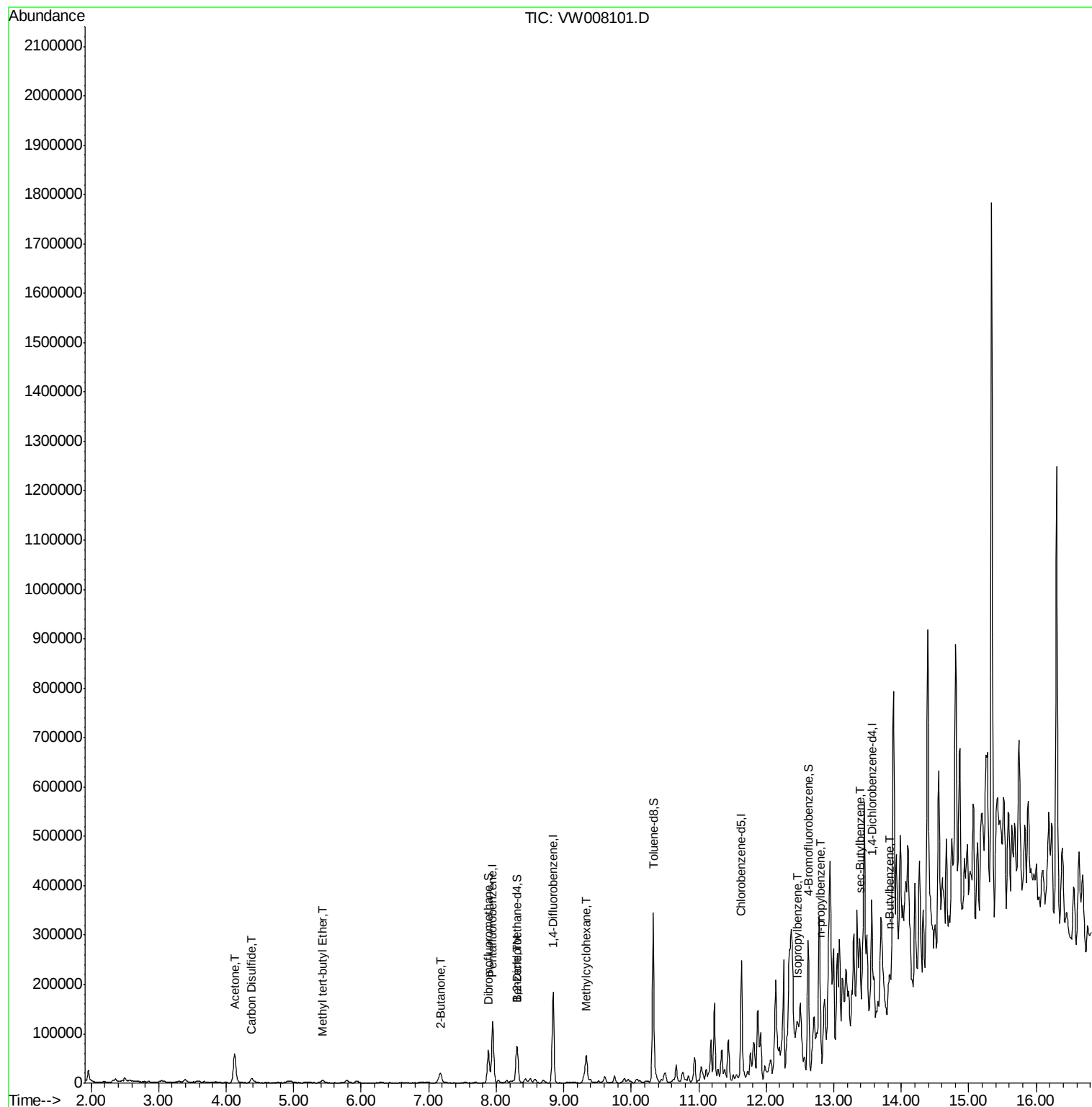
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	105313	621.726	ug/l	95
17) Carbon Disulfide	4.37	76	18510	6.127	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	5605	3.565	ug/l #	81
25) 2-Butanone	7.17	43	29376	106.372	ug/l	95
39) Methylcyclohexane	9.34	83	21683	10.895	ug/l	97
40) Benzene	8.32	78	12287	2.886	ug/l	97
73) Isopropylbenzene	12.47	105	16581	3.424	ug/l	100
78) n-propylbenzene	12.80	91	27925	4.706	ug/l	99
85) sec-Butylbenzene	13.39	105	50066	9.707	ug/l	86
89) n-Butylbenzene	13.83	91	22980	5.268	ug/l #	83

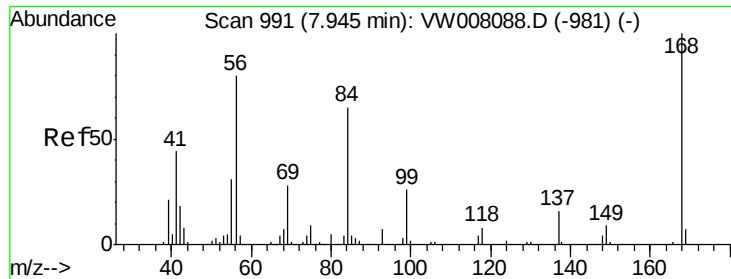
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

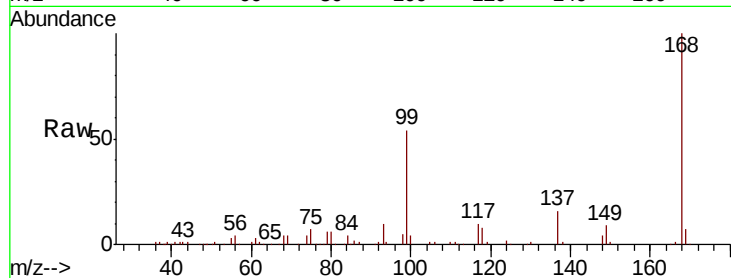
CPSB-15(20-25)

Tot Ion:168 Resp: 88313

Ion Ratio Lower Upper

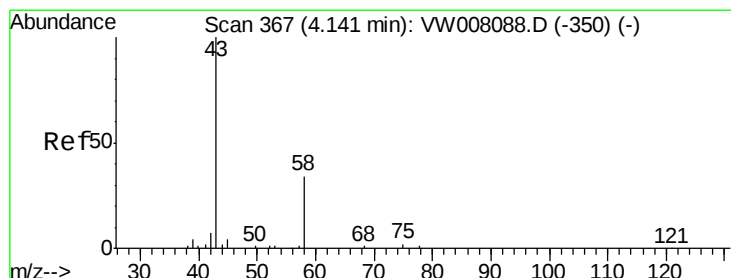
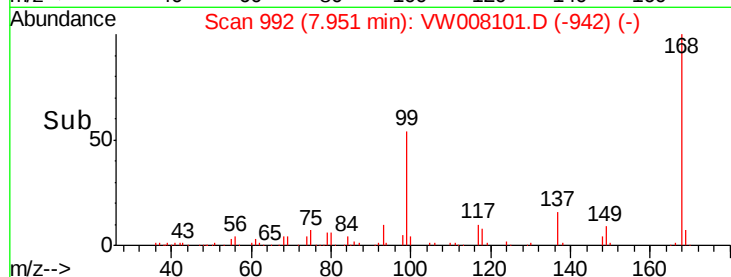
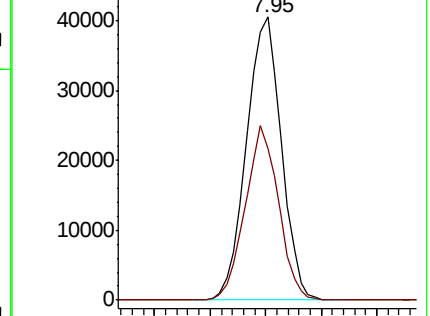
168 100

99 53.6 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: 621.726 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008101.D

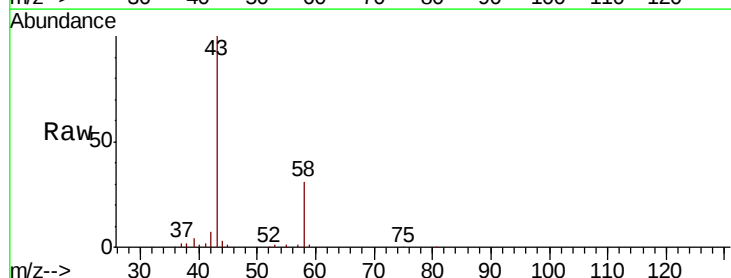
Acq: 09 Jan 2019 14:24

Tgt Ion: 43 Resp: 105313

Ion Ratio Lower Upper

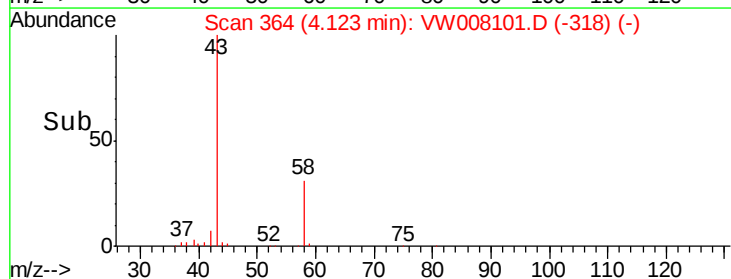
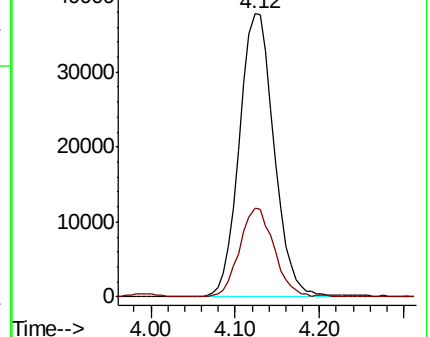
43 100

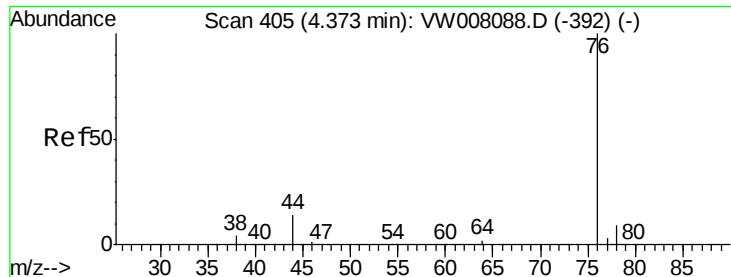
58 31.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

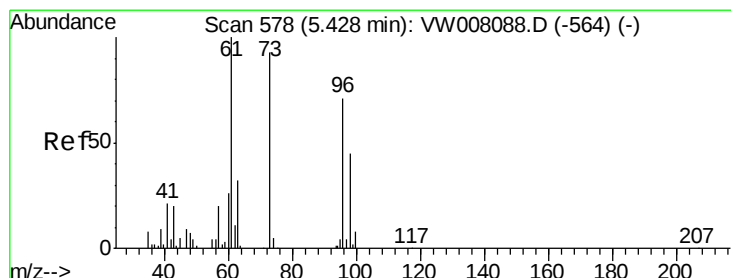
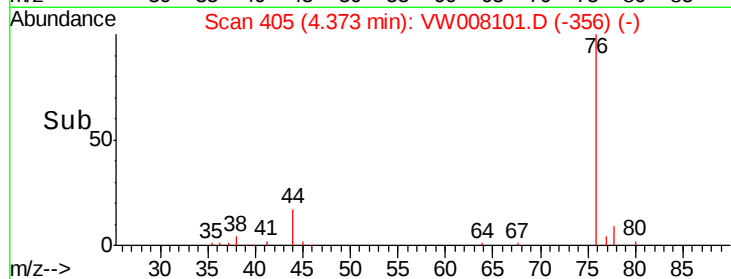
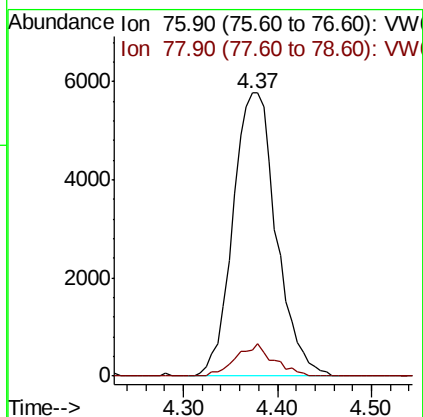
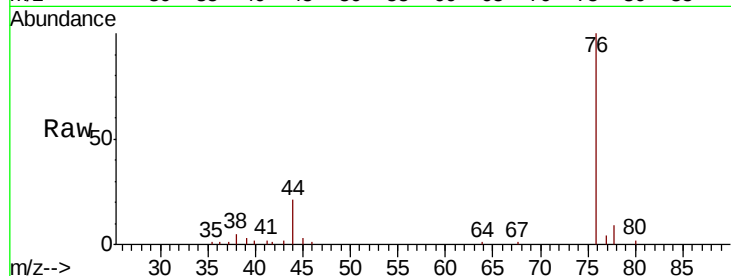




#17
Carbon Disulfide
Concen: 6.127 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

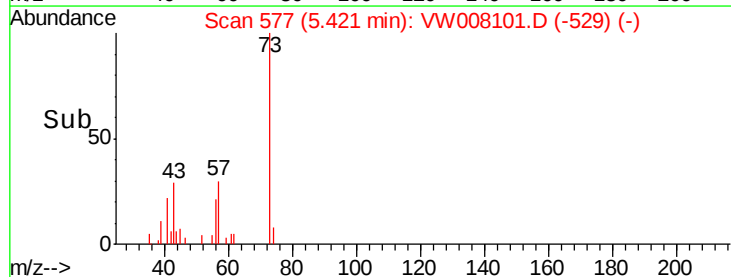
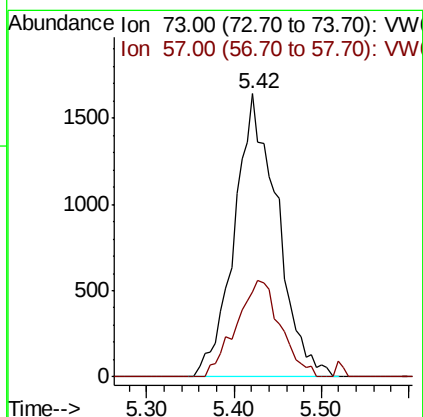
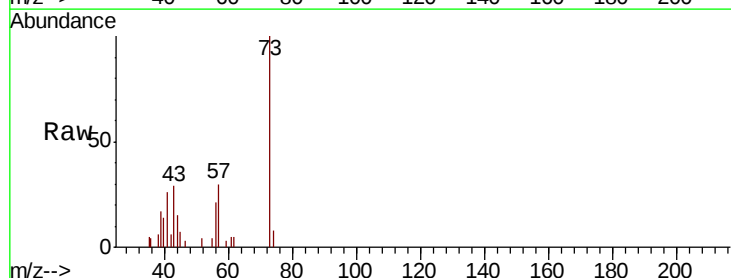
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

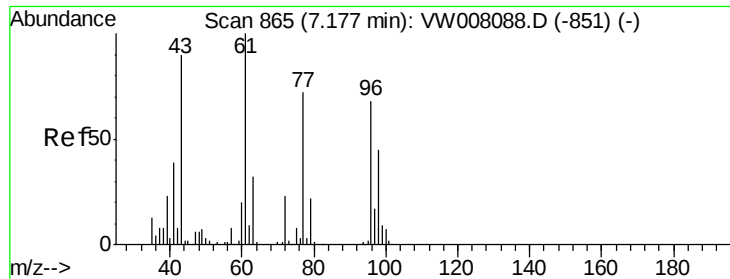
Tot Ion: 76 Resp: 18510
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#19
Methyl tert-butyl Ether
Concen: 3.565 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

Tgt Ion: 73 Resp: 5605
Ion Ratio Lower Upper
73 100
57 29.9 16.7 25.1#





#25

2-Butanone

Concen: 106.372 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

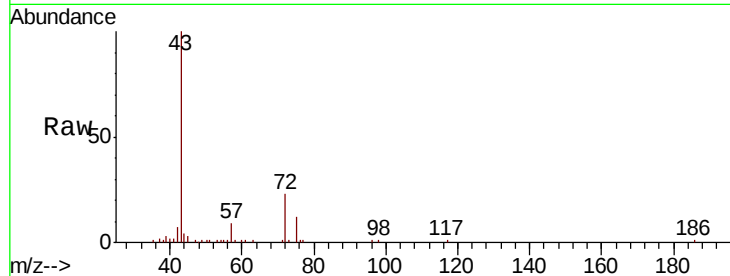
CPSB-15(20-25)

Tot Ion: 43 Resp: 29376

Ion Ratio Lower Upper

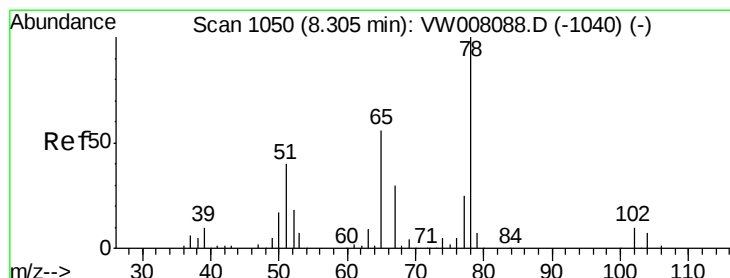
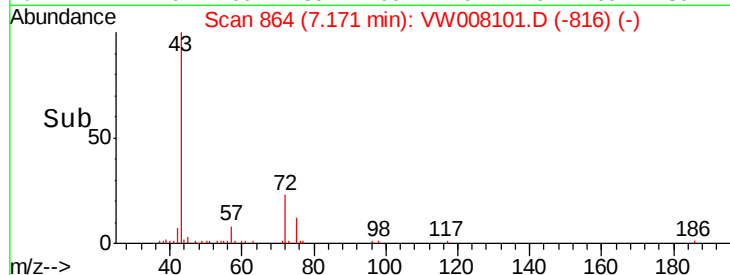
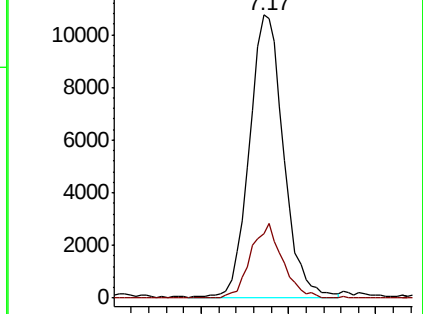
43 100

72 23.0 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 51.831 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008101.D

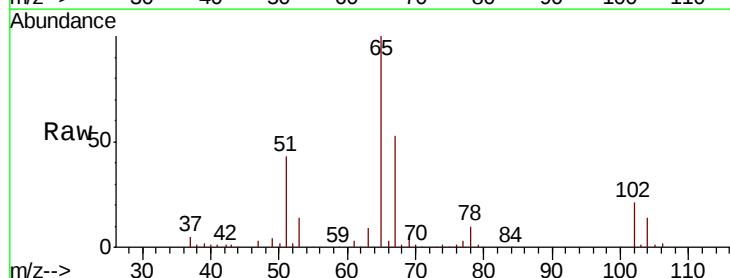
Acq: 09 Jan 2019 14:24

Tgt Ion: 65 Resp: 51445

Ion Ratio Lower Upper

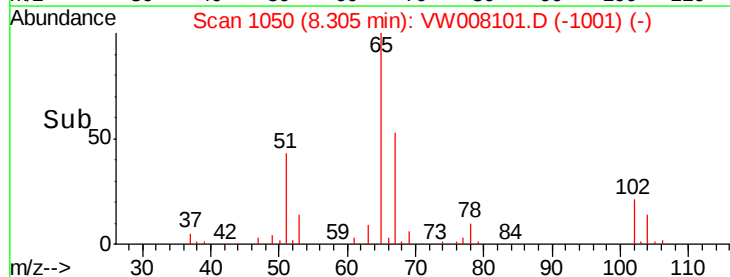
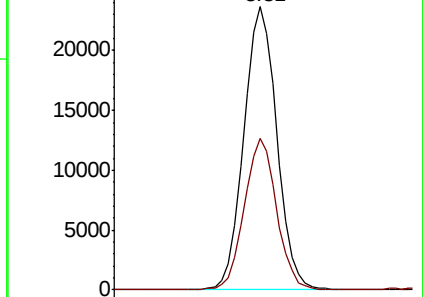
65 100

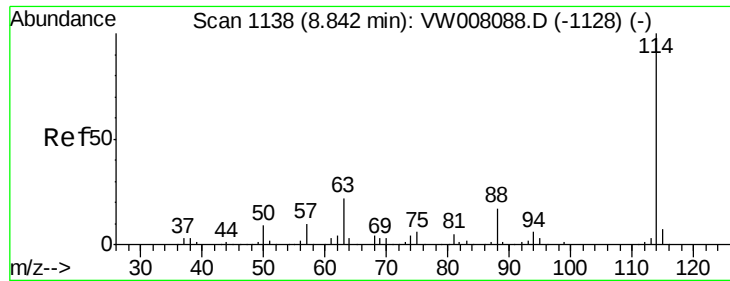
67 52.4 0.0 106.8



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: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

CPSB-15(20-25)

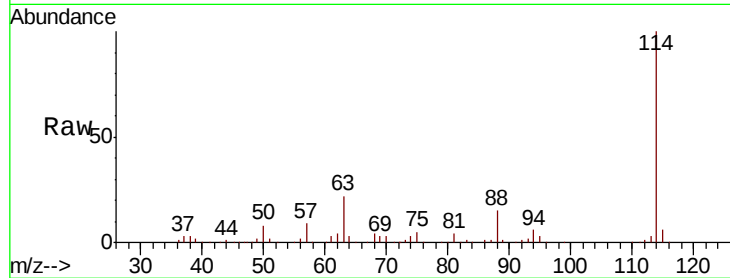
Tot Ion:114 Resp: 152374

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

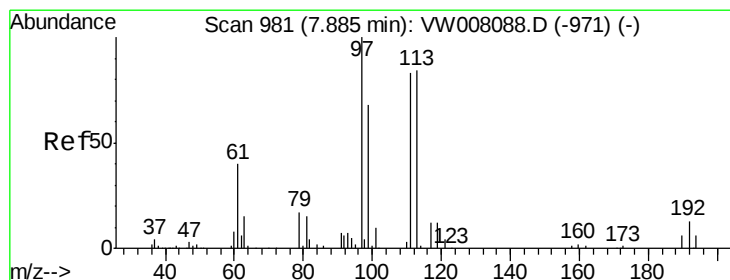
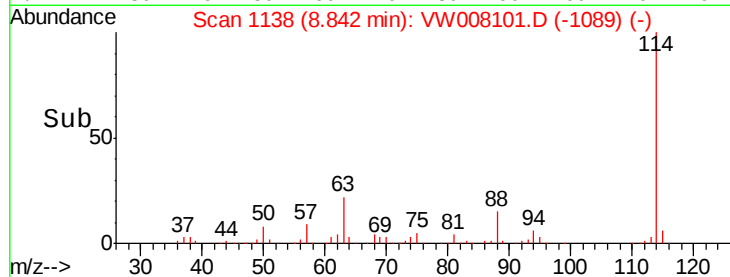
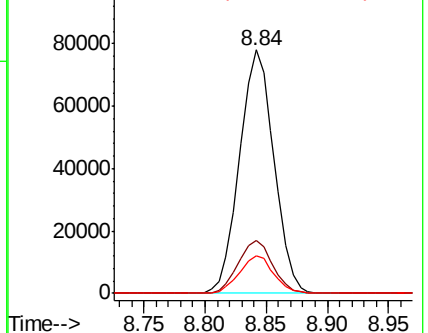
88 15.4 0.0 33.4



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: 52.169 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

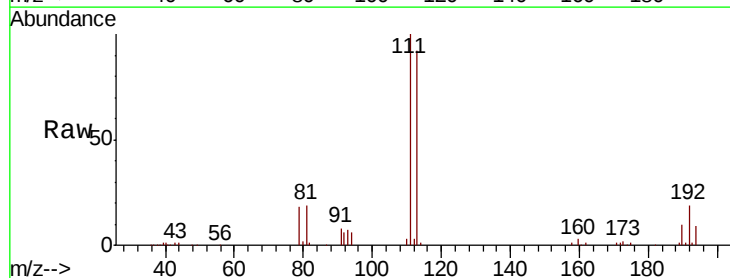
Tgt Ion:113 Resp: 46363

Ion Ratio Lower Upper

113 100

111 104.3 81.8 122.8

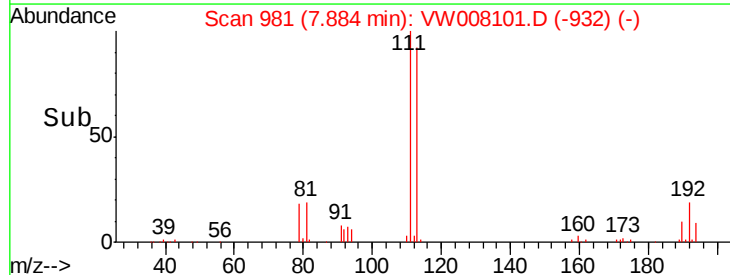
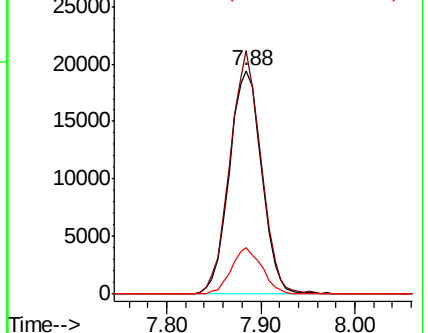
192 19.8 12.8 19.2#

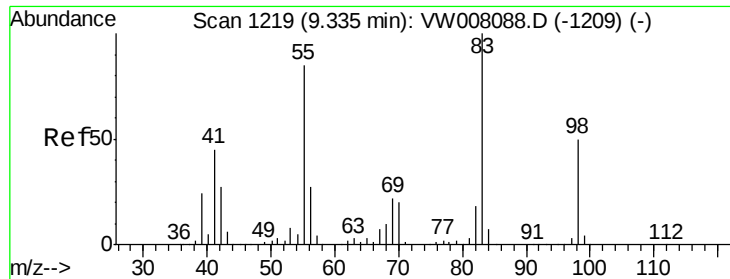


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

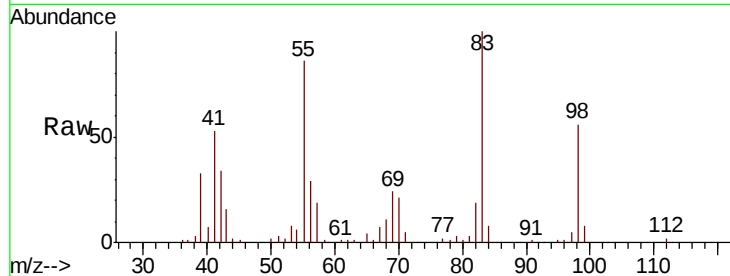




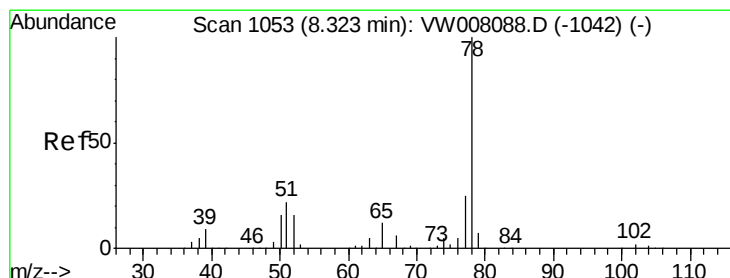
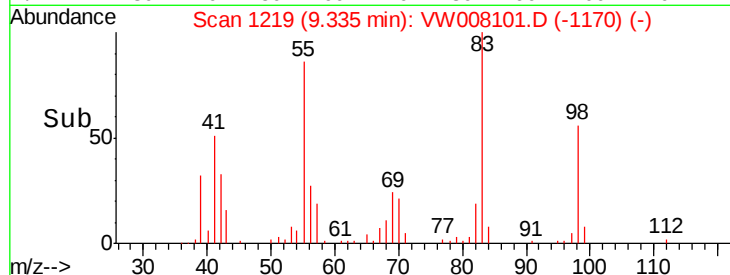
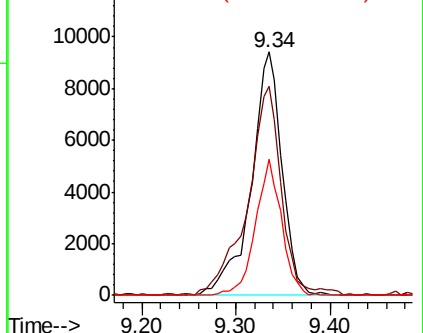
#39
Methvlcvclohexane
Concen: 10.895 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

Tot Ion: 83 Resp: 21683
Ion Ratio Lower Upper
83 100
55 85.1 67.8 101.6
98 56.1 40.2 60.4

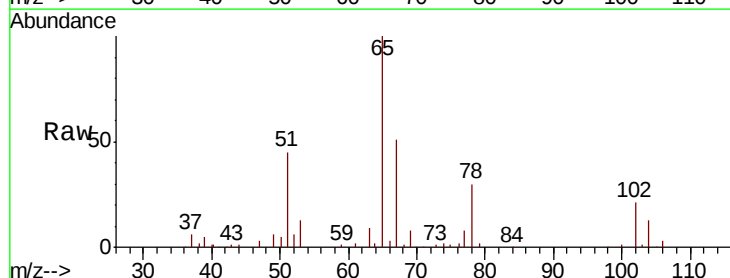


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

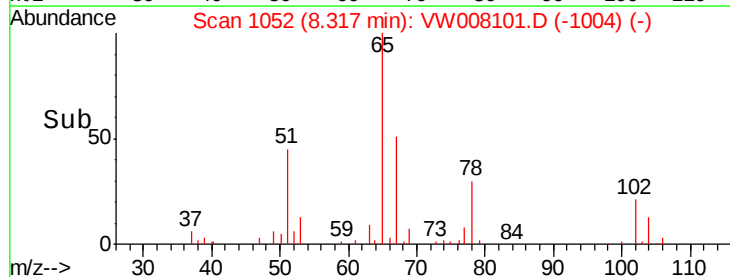
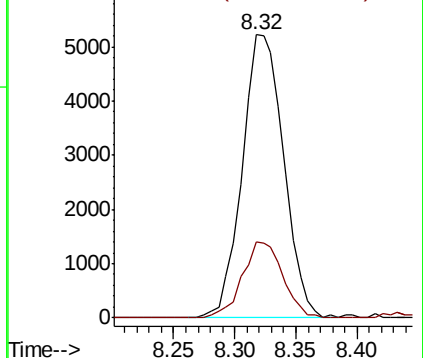


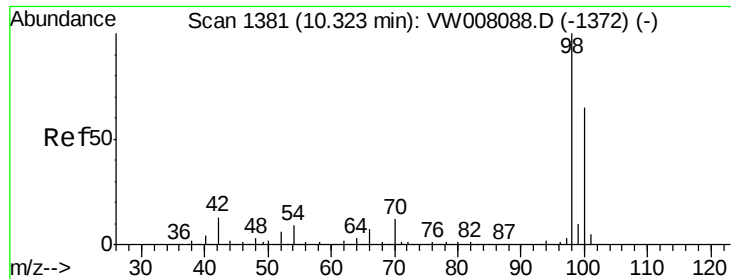
#40
Benzene
Concen: 2.886 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

Tgt Ion: 78 Resp: 12287
Ion Ratio Lower Upper
78 100
77 26.9 20.2 30.4



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 52.245 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

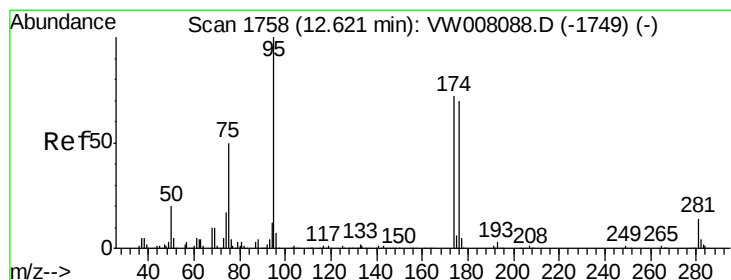
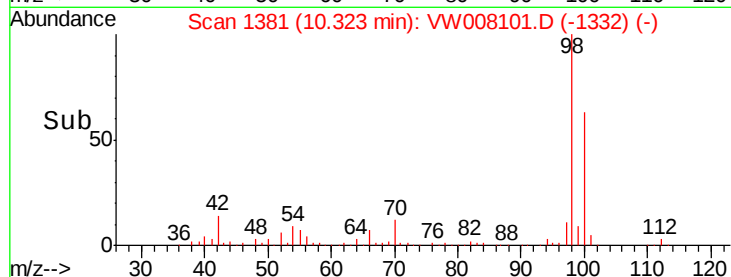
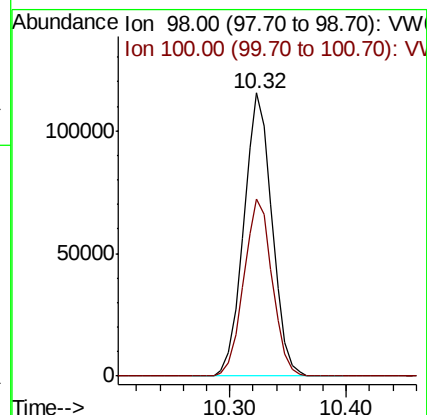
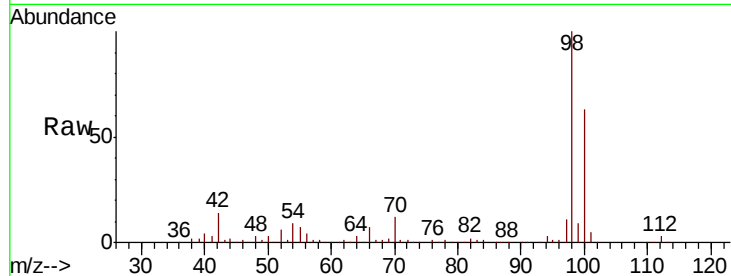
CPSB-15(20-25)

Tot Ion: 98 Resp: 194839

Ion Ratio Lower Upper

98 100

100 63.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 49.234 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

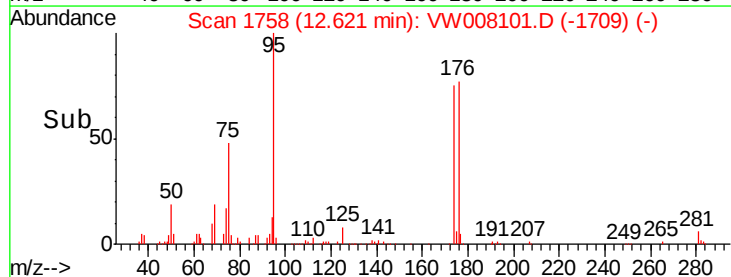
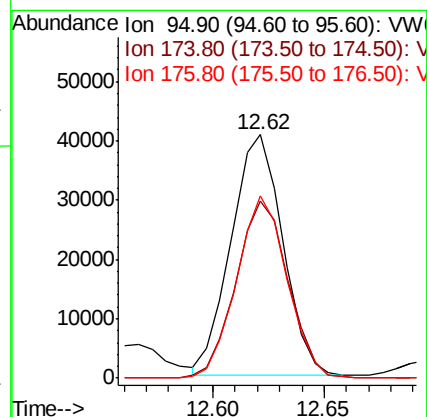
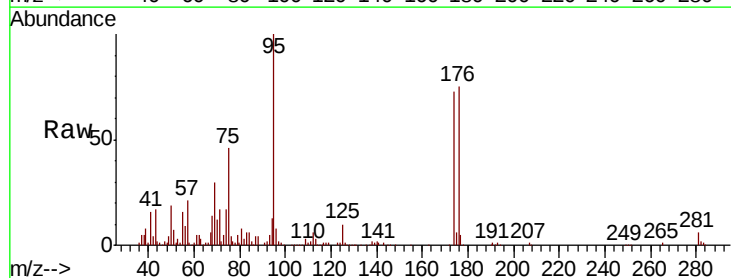
Tgt Ion: 95 Resp: 65824

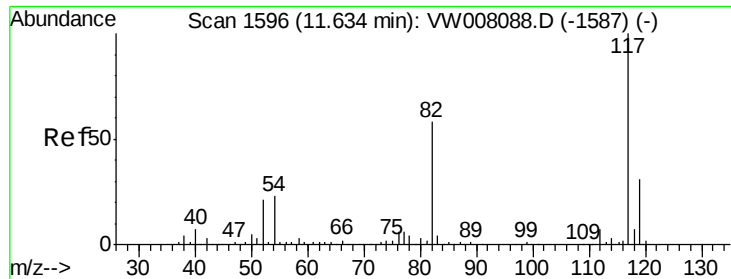
Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.0

176 73.6 0.0 140.2

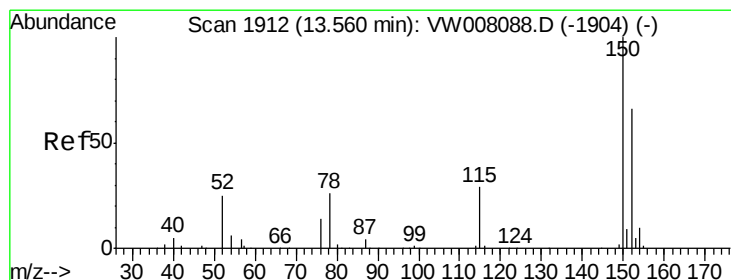
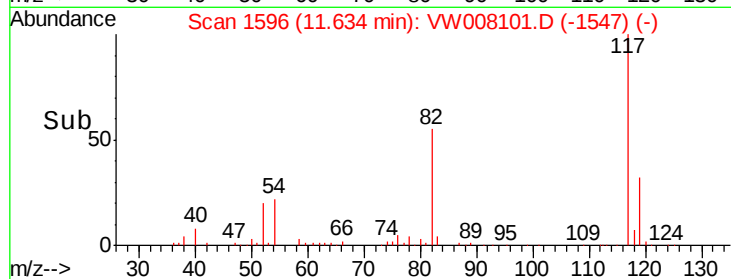
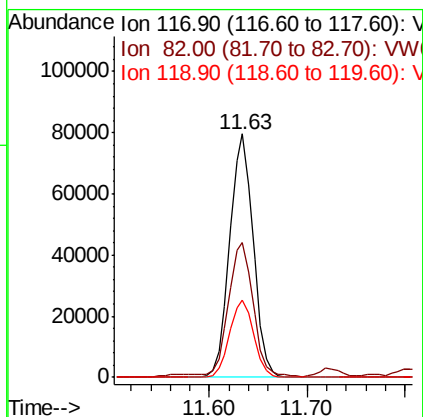
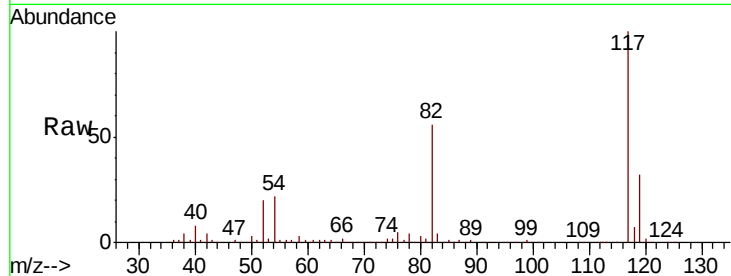




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

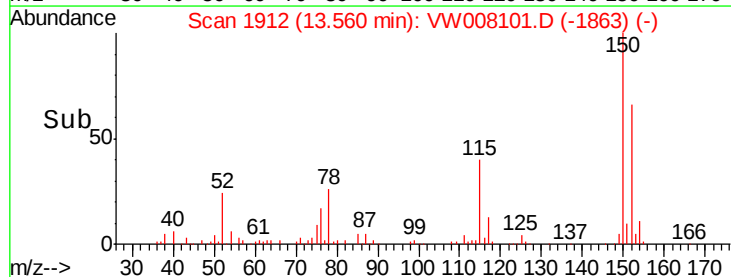
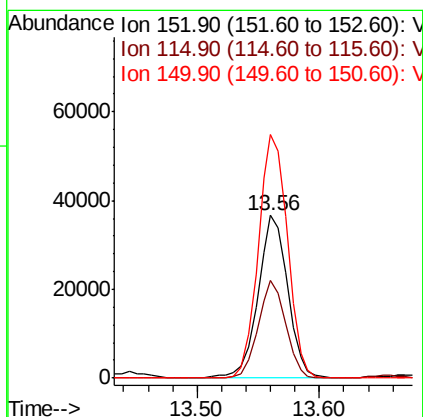
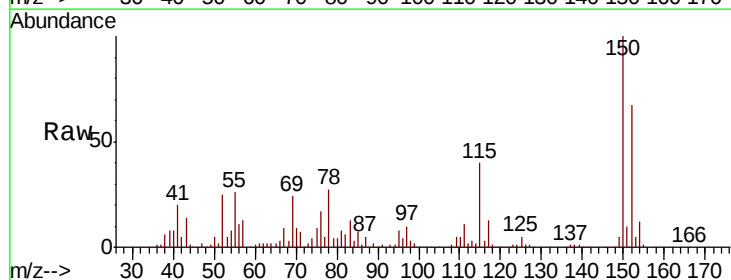
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

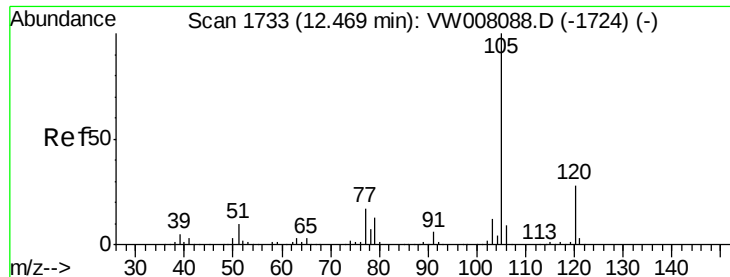
Tot Ion:117 Resp: 132450
Ion Ratio Lower Upper
117 100
82 54.4 46.4 69.6
119 31.7 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008101.D
Acq: 09 Jan 2019 14:24

Tgt Ion:152 Resp: 61687
Ion Ratio Lower Upper
152 100
115 56.3 30.8 92.4
150 147.4 0.0 350.2





#73

Isopropylbenzene

Concen: 3.424 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

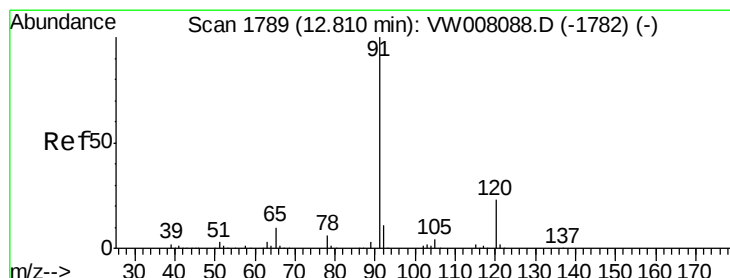
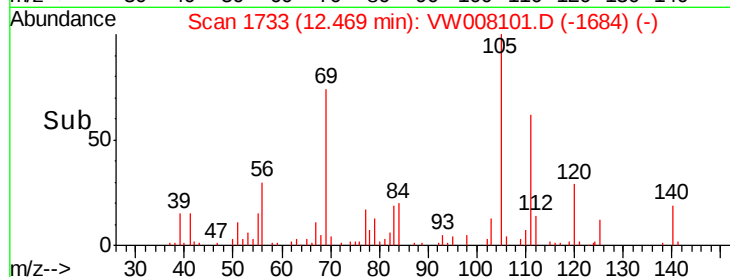
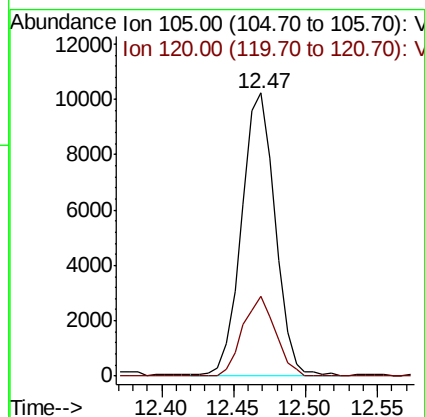
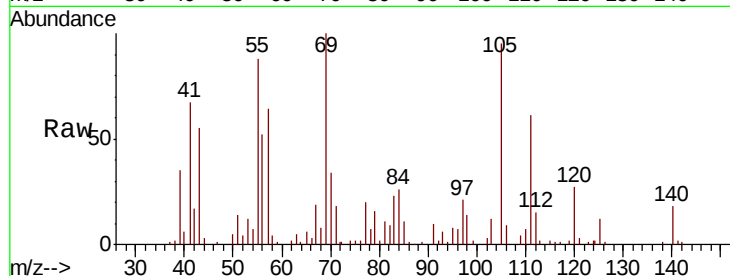
CPSB-15(20-25)

Tot Ion: 105 Resp: 16581

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.8



#78

n-propylbenzene

Concen: 4.706 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008101.D

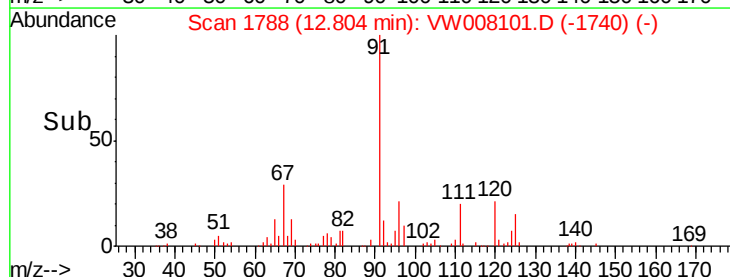
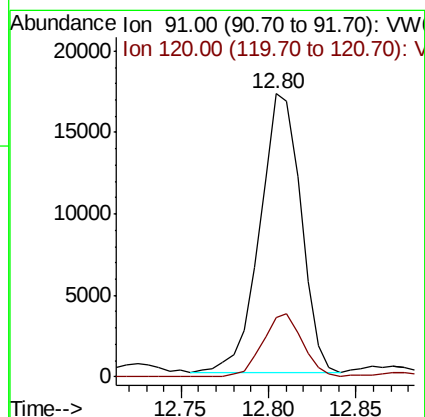
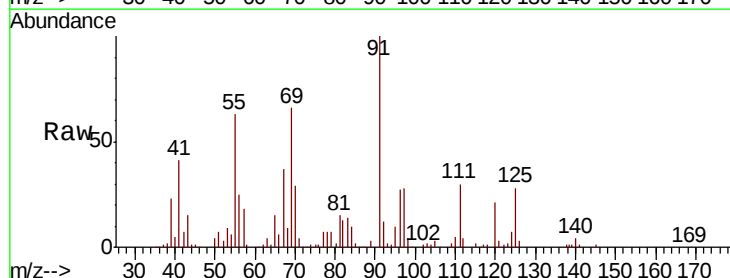
Acq: 09 Jan 2019 14:24

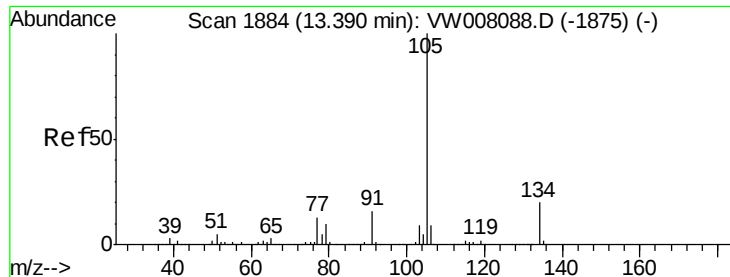
Tgt Ion: 91 Resp: 27925

Ion Ratio Lower Upper

91 100

120 21.9 11.3 33.8





#85

sec-Butylbenzene

Concen: 9.707 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

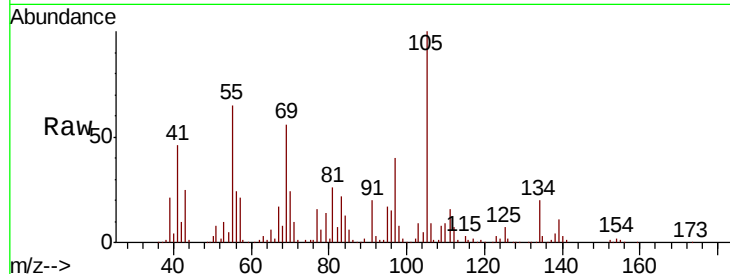
CPSB-15(20-25)

Tot Ion:105 Resp: 50066

Ion Ratio Lower Upper

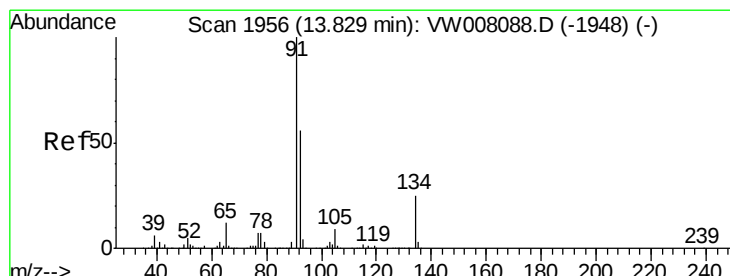
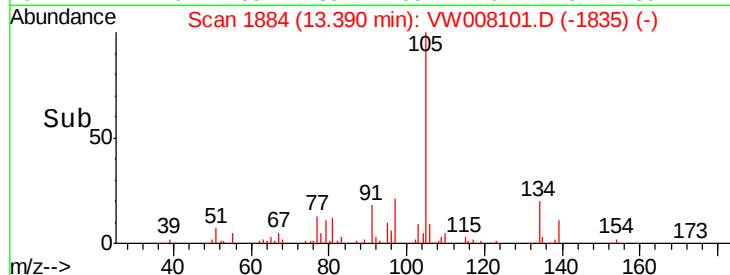
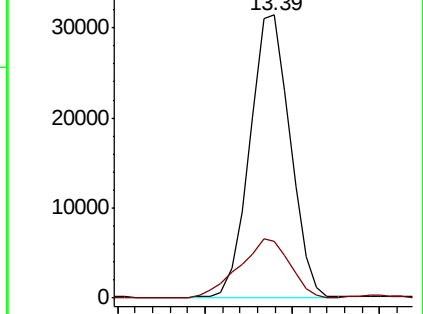
105 100

134 26.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 5.268 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008101.D

Acq: 09 Jan 2019 14:24

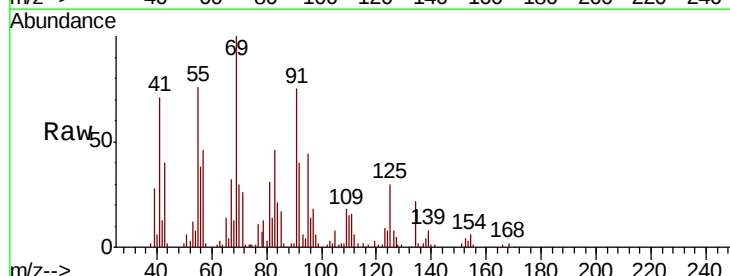
Tgt Ion: 91 Resp: 22980

Ion Ratio Lower Upper

91 100

92 50.6 27.4 82.2

134 46.2 12.6 37.8#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

