

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008199.D
 Acq On : 11 Jan 2019 17:33
 Operator : SY/VA
 Sample : K1088-04RE
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-04(15-20)RE

Quant Time: Jan 12 00:40:09 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	90318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	162480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	106162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	21286	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	51214	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
35) Dibromofluoromethane	7.88	113	49900	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	
50) Toluene-d8	10.32	98	194652	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.62	95	43188	30.29	ug/l	0.00
Spiked Amount			Recovery	=	60.58%	

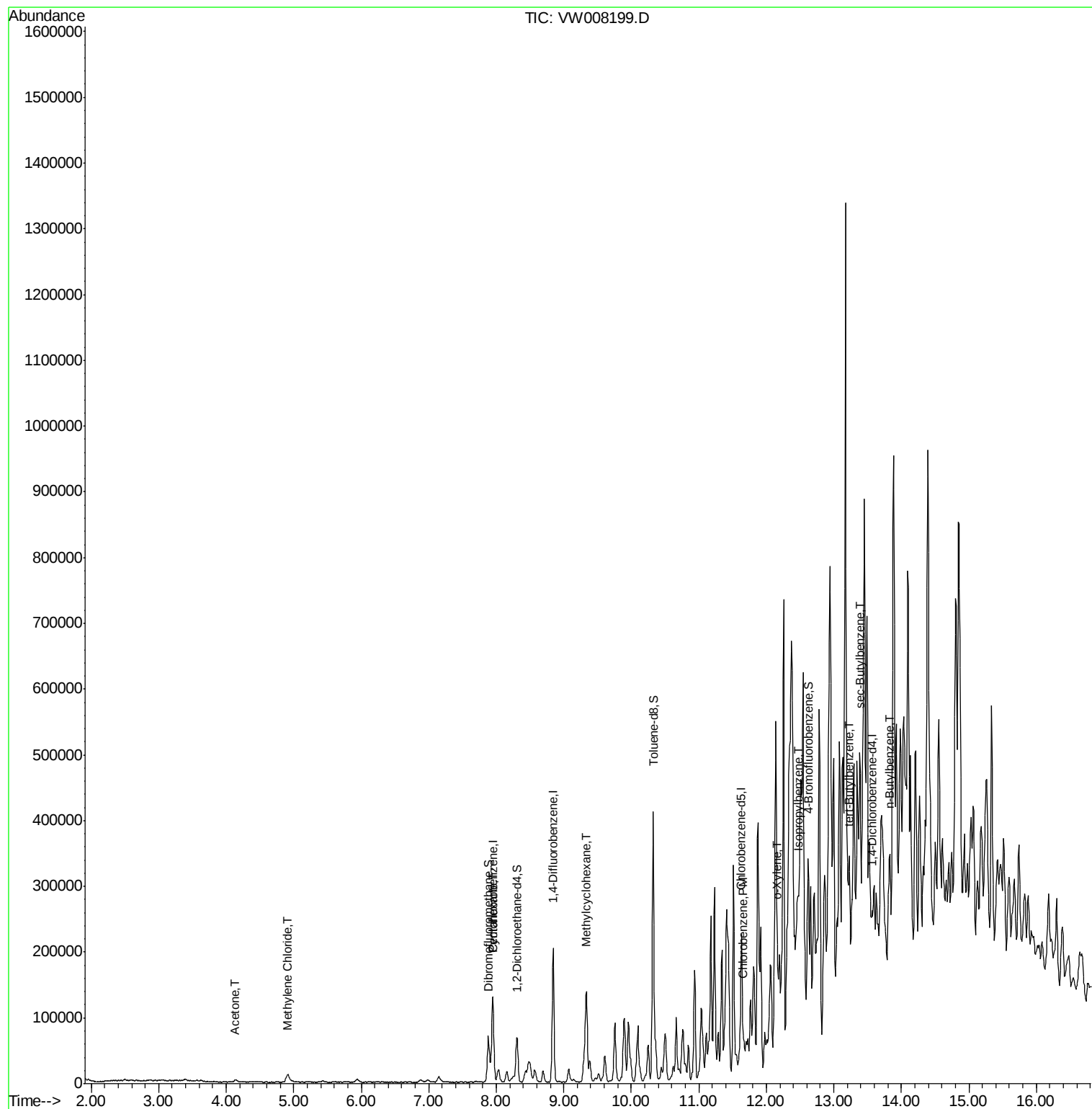
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	7916	24.289	ug/l #	79
20) Methylene Chloride	4.92	84	9098	4.752	ug/l	95
31) Cyclohexane	7.95	56	7087	3.317	ug/l #	71
39) Methylcyclohexane	9.34	83	51828	24.422	ug/l	97
65) Chlorobenzene	11.66	112	11812	5.252	ug/l	98
69) o-Xylene	12.17	106	3023	2.078	ug/l	77
73) Isopropylbenzene	12.47	105	44900	26.868	ug/l	100
83) tert-Butylbenzene	13.21	119	7552	6.216	ug/l	78
85) sec-Butylbenzene	13.39	105	110229	61.937	ug/l	79
89) n-Butylbenzene	13.83	91	70159	46.611	ug/l #	86

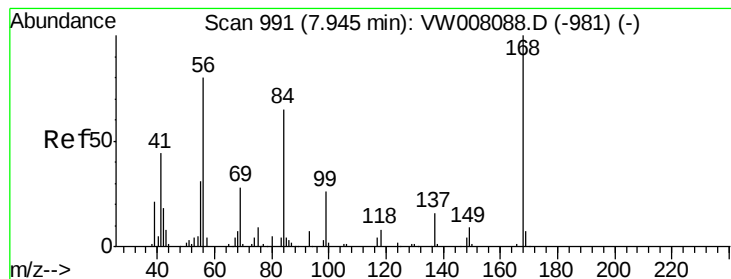
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

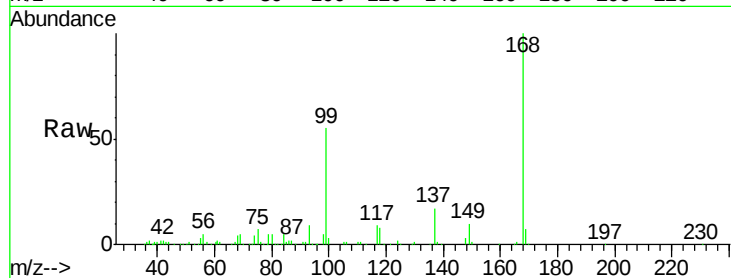
CPSB-04(15-20)RE

Tot Ion:168 Resp: 90318

Ion Ratio Lower Upper

168 100

99 55.1 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

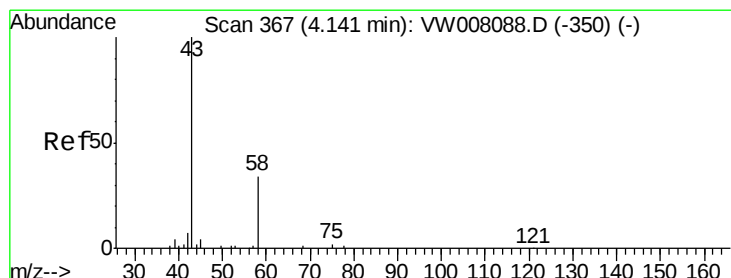
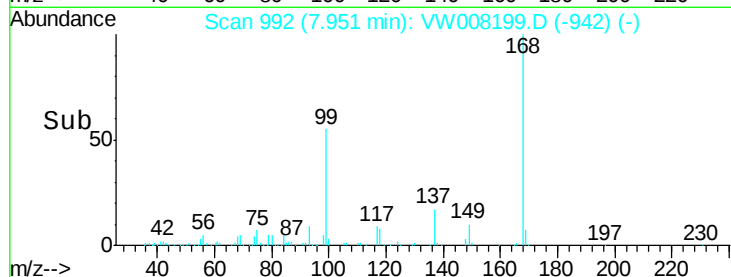
20000

10000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 24.289 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008199.D

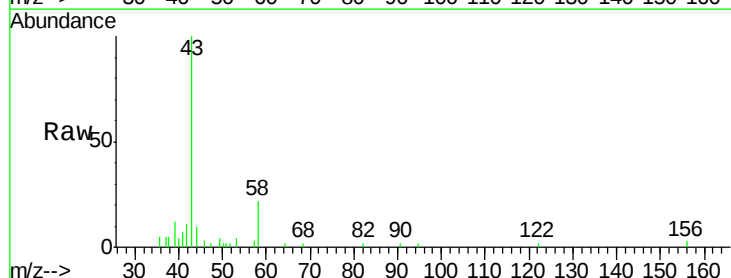
Acq: 11 Jan 2019 17:33

Tgt Ion: 43 Resp: 7916

Ion Ratio Lower Upper

43 100

58 22.2 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

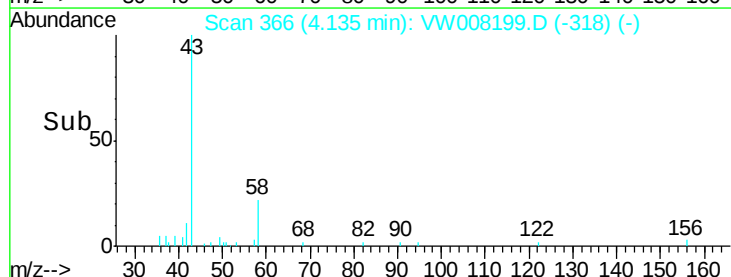
2000

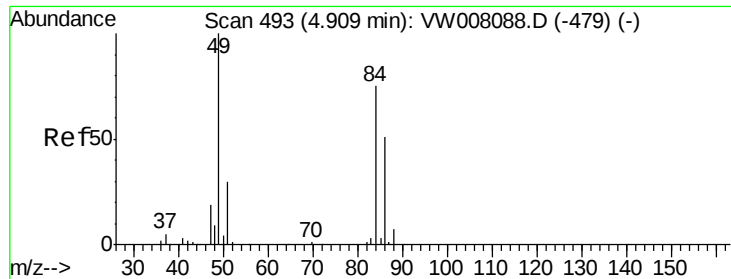
1000

0

Time-->

4.05 4.10 4.15 4.20

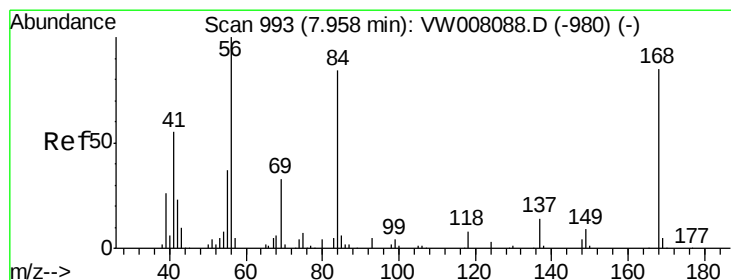
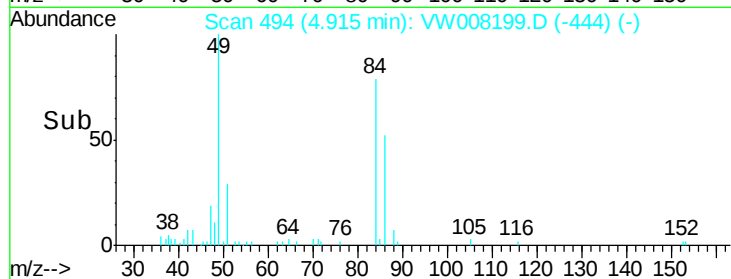
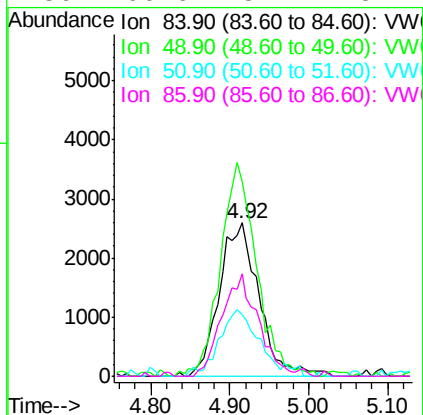
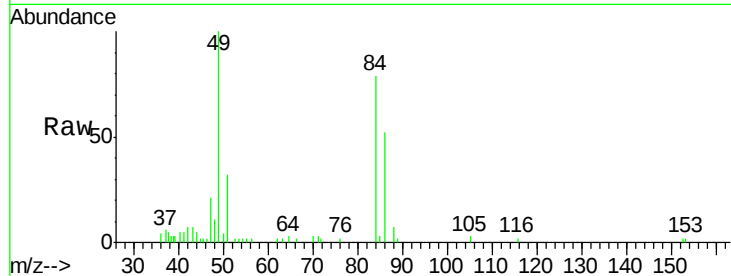




#20
Methvlene Chloride
Concen: 4.752 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

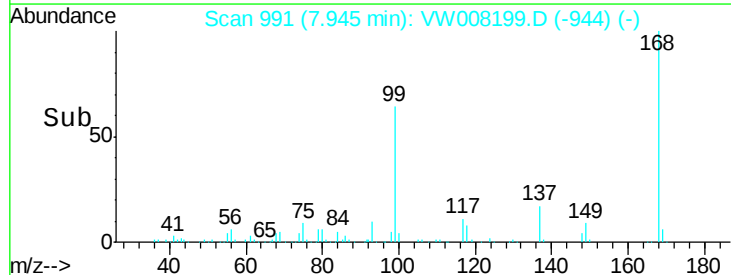
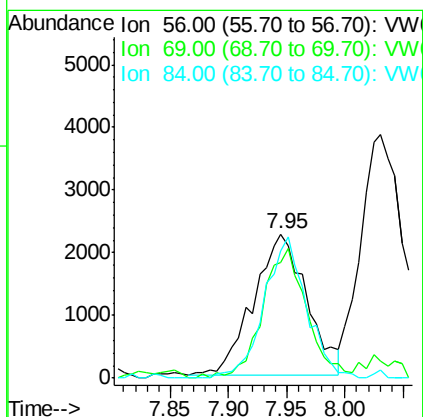
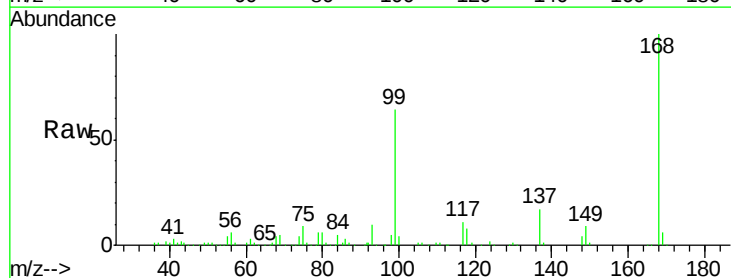
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CPSB-04(15-20)RE

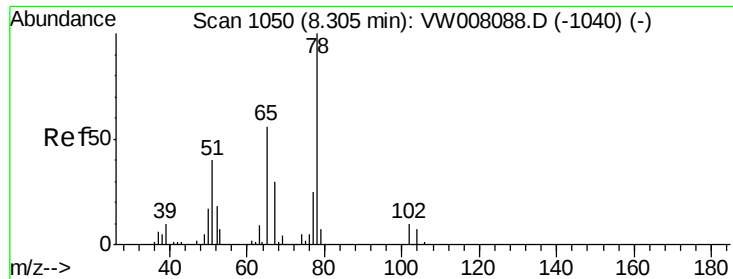
Tot Ion:	84	Resp:	9098
Ion	Ratio	Lower	Upper
84	100		
49	124.8	107.1	160.7
51	40.3	32.4	48.6
86	66.6	54.2	81.4



#31
Cyclohexane
Concen: 3.317 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

Tgt Ion:	56	Resp:	7087
Ion	Ratio	Lower	Upper
56	100		
69	82.1	26.2	39.4#
84	90.2	67.4	101.2

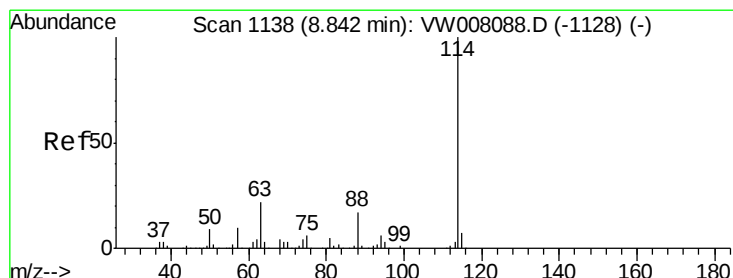
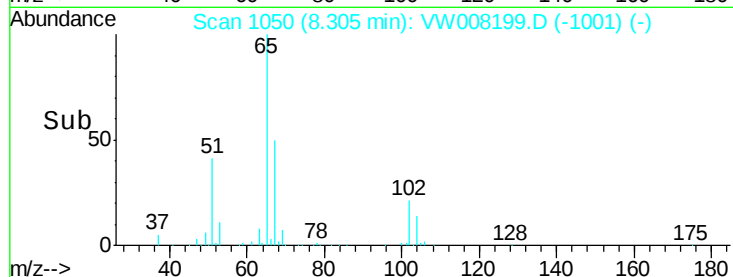
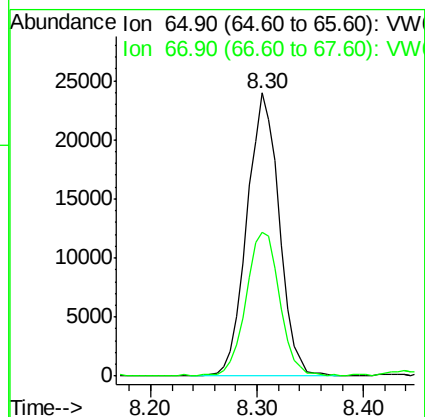
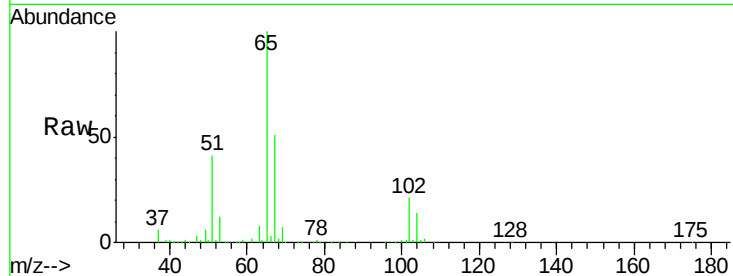




#33
 1,2-Dichloroethane-d4
 Concen: 50.452 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008199.D
 Acq: 11 Jan 2019 17:33

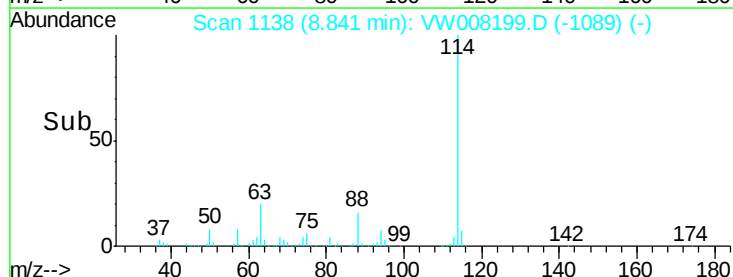
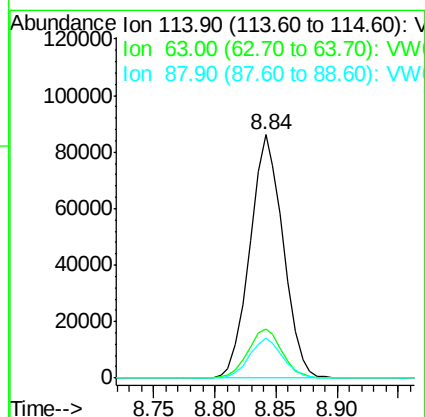
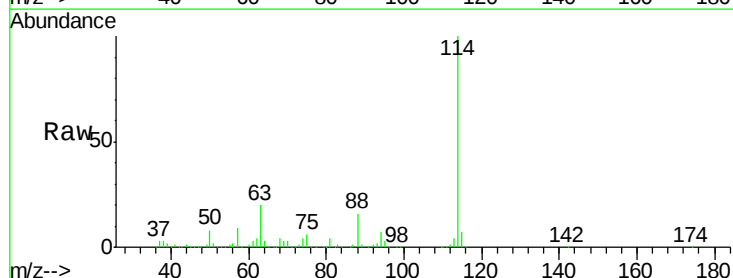
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-04(15-20)RE

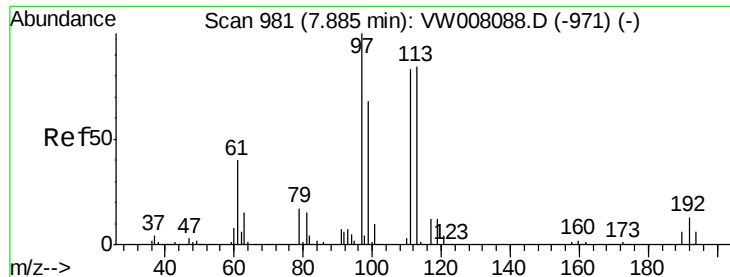
Tot Ion: 65 Resp: 51214
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008199.D
 Acq: 11 Jan 2019 17:33

Tgt Ion: 114 Resp: 162480
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.4
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.657 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

CPSB-04(15-20)RE

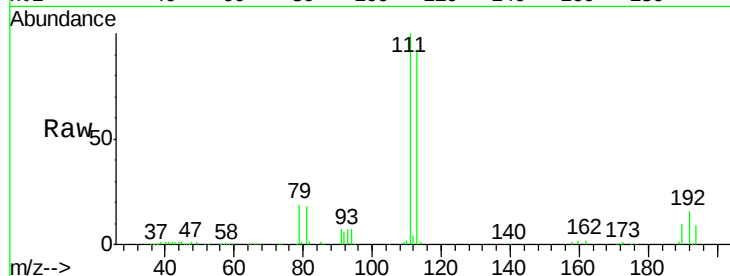
Tot Ion:113 Resp: 49900

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

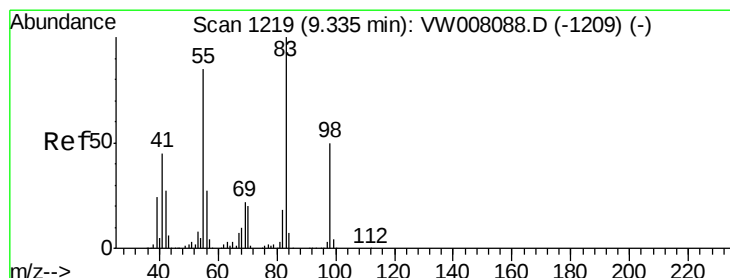
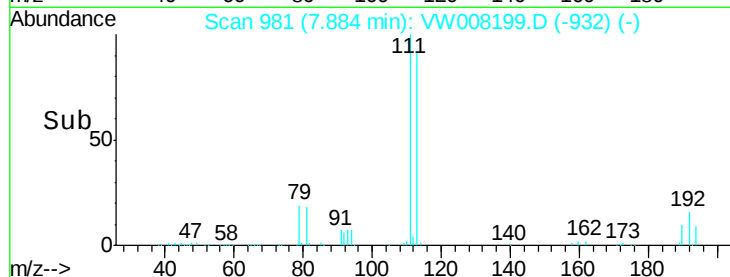
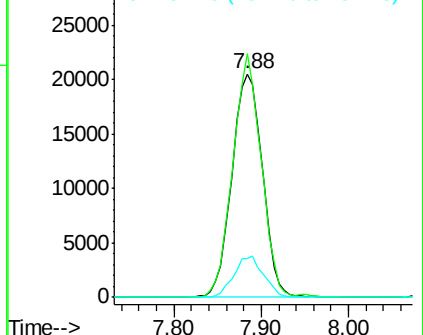
192 18.0 12.8 19.2



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

Methylcyclohexane

Concen: 24.422 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

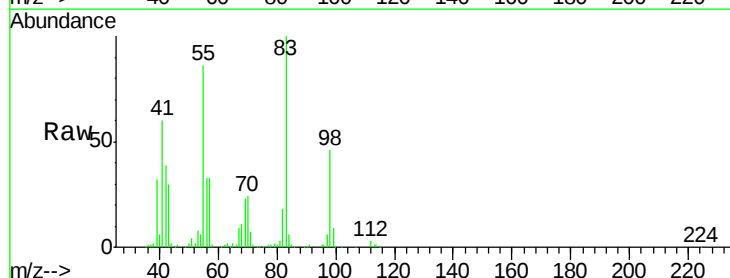
Tgt Ion: 83 Resp: 51828

Ion Ratio Lower Upper

83 100

55 85.7 67.8 101.6

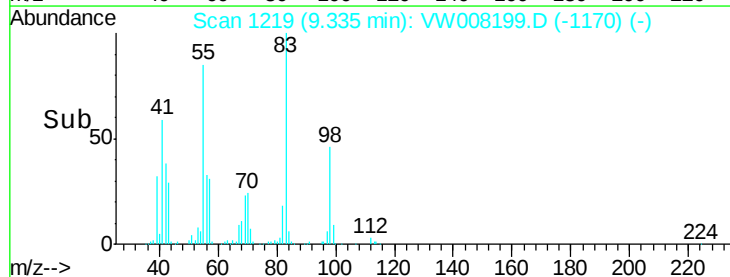
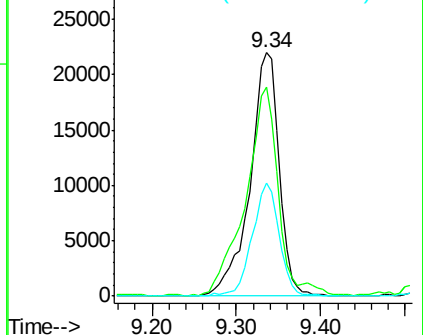
98 46.2 40.2 60.4

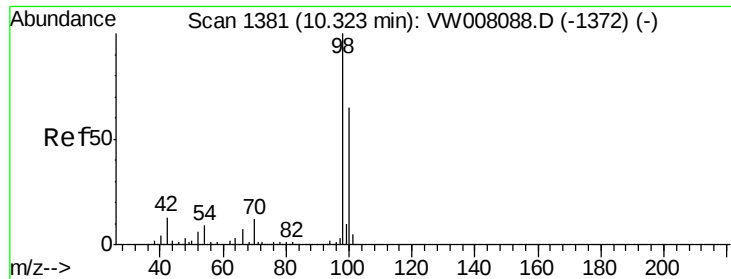


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 48.948 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

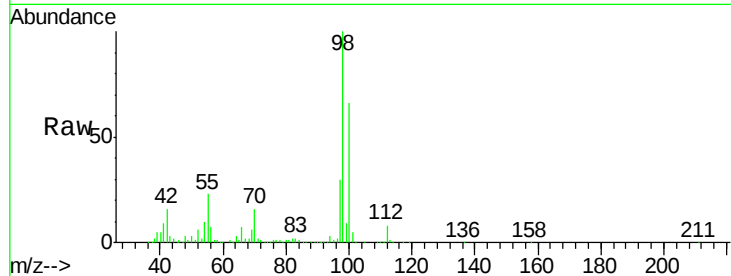
CPSB-04(15-20)RE

Tot Ion: 98 Resp: 194652

Ion Ratio Lower Upper

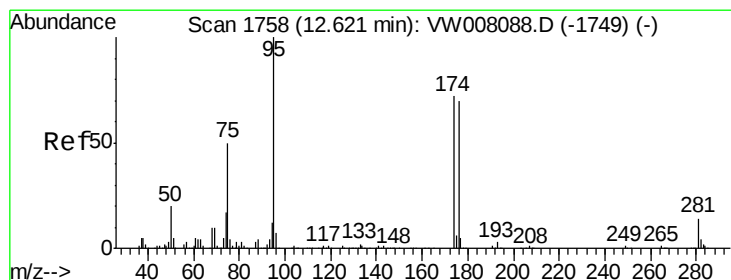
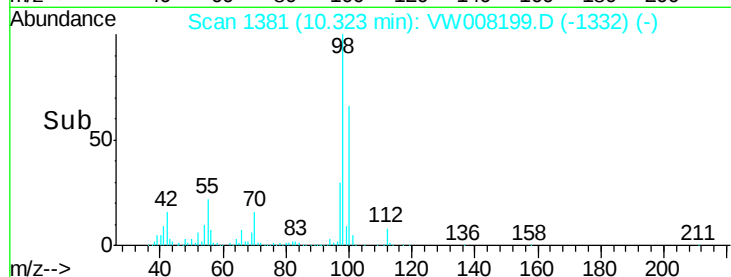
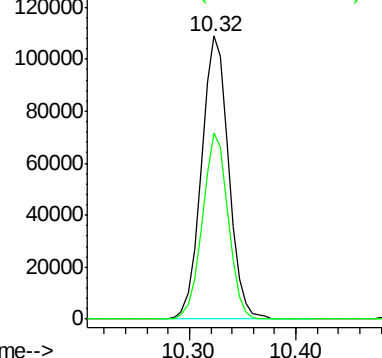
98 100

100 62.2 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: 30.294 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

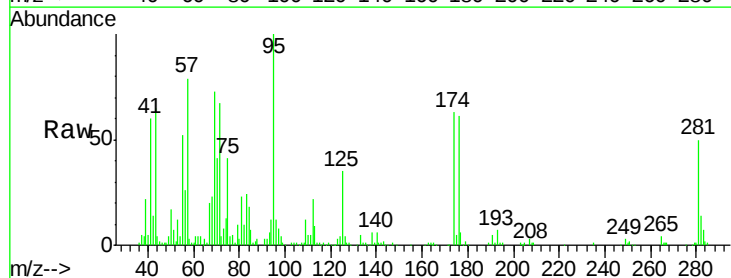
Tgt Ion: 95 Resp: 43188

Ion Ratio Lower Upper

95 100

174 59.9 0.0 143.0

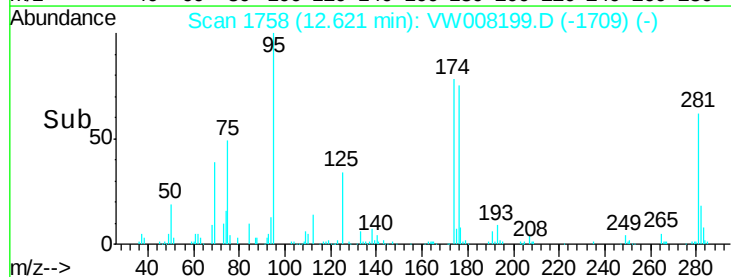
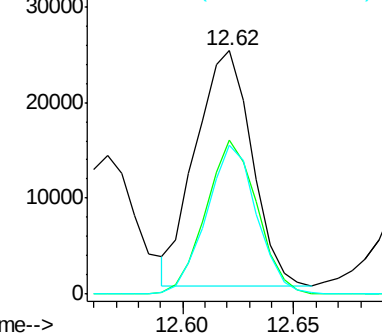
176 56.6 0.0 140.2

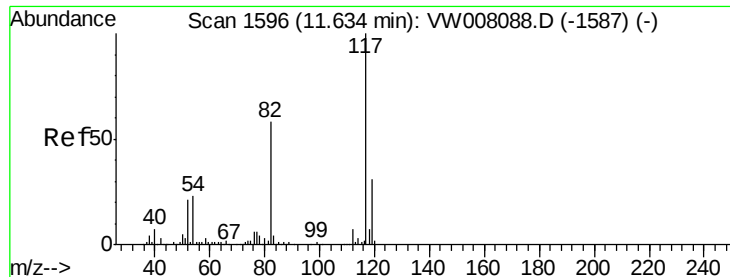


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

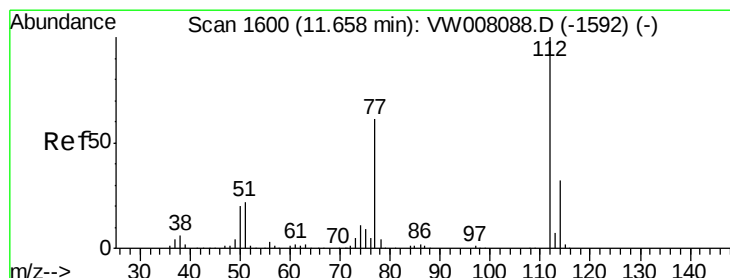
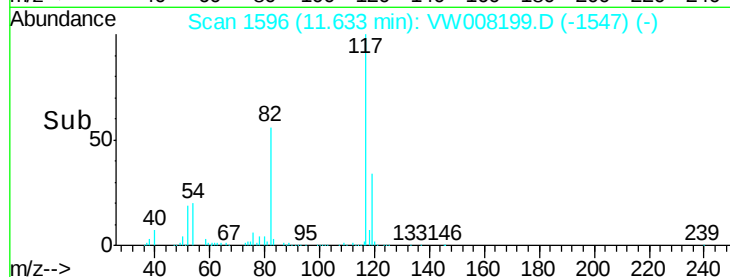
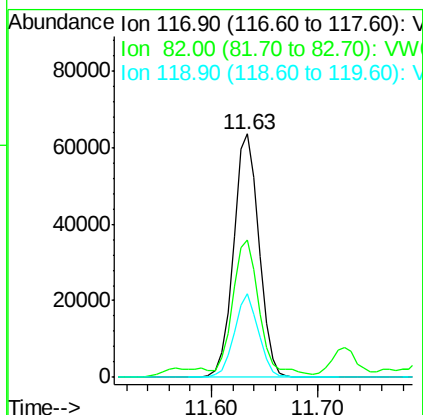
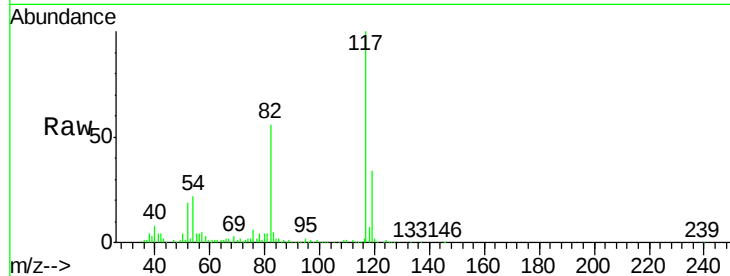




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

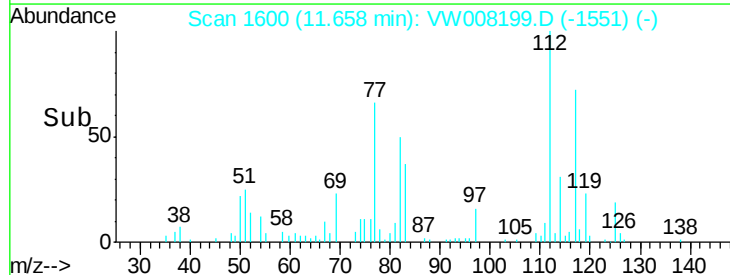
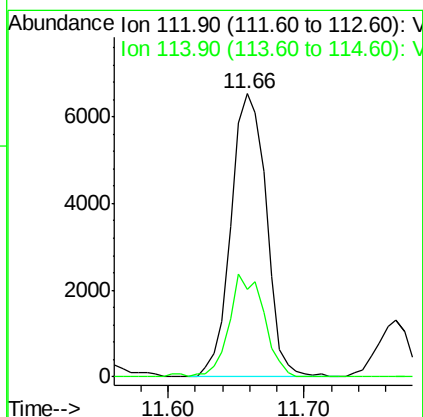
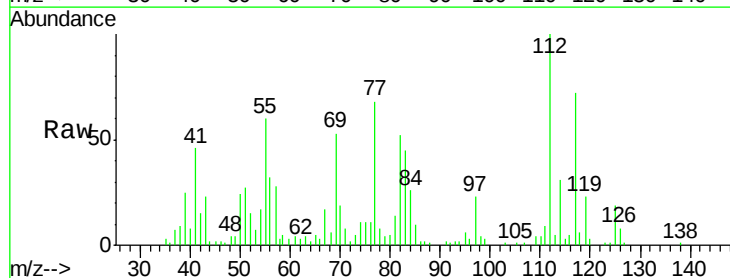
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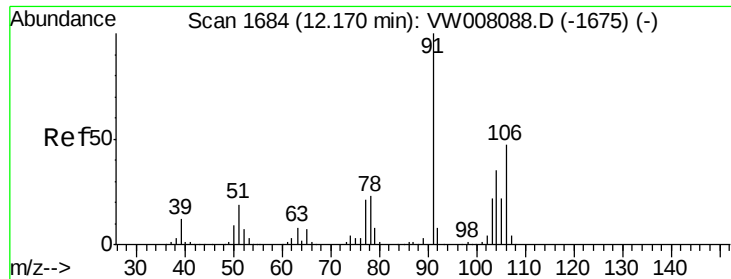
Tot Ion:117 Resp: 106162
Ion Ratio Lower Upper
117 100
82 53.0 46.4 69.6
119 34.2 24.7 37.1



#65
Chlorobenzene
Concen: 5.252 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

Tgt Ion:112 Resp: 11812
Ion Ratio Lower Upper
112 100
114 30.8 25.6 38.4

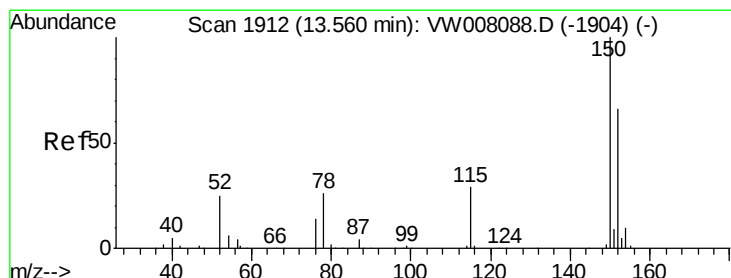
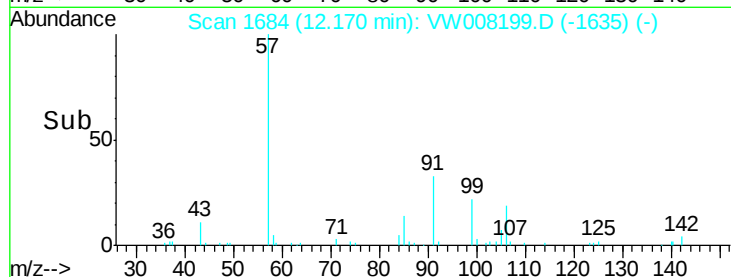
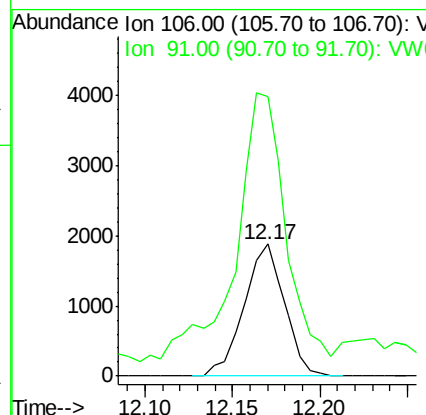
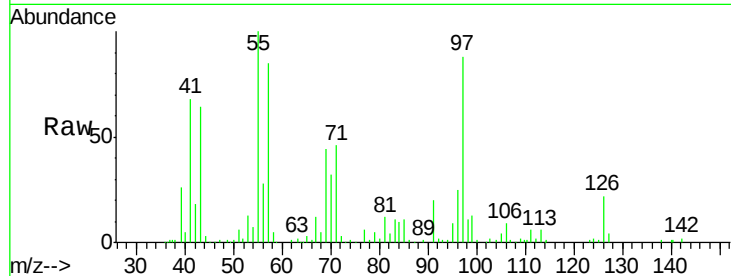




#69
o-Xylene
Concen: 2.078 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

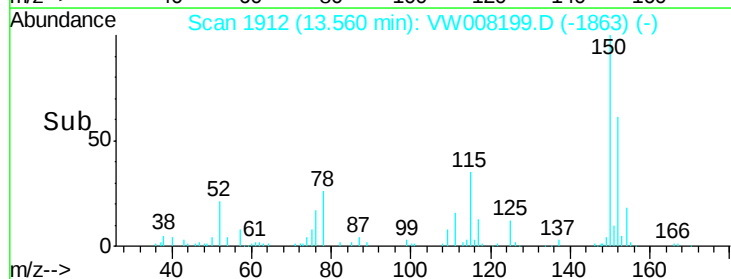
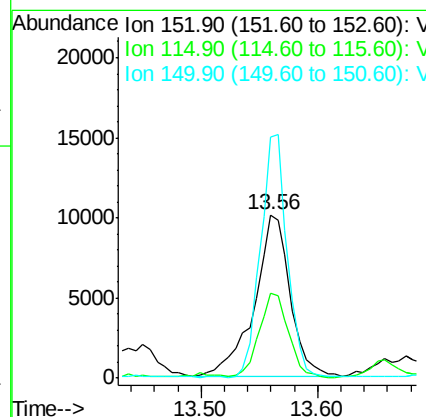
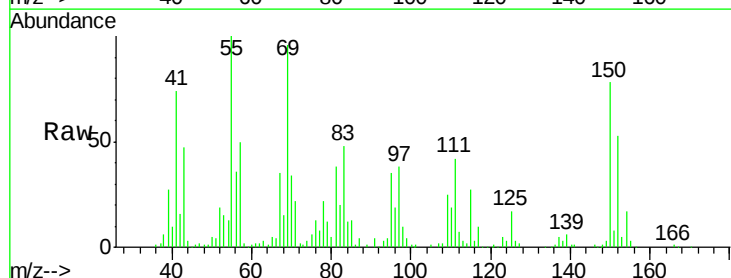
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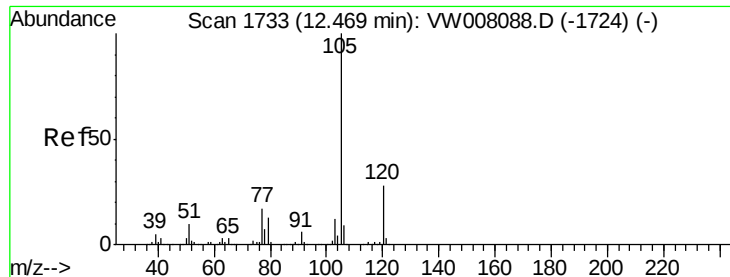
Tot Ion:106 Resp: 3023
Ion Ratio Lower Upper
106 100
91 251.6 107.8 323.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008199.D
Acq: 11 Jan 2019 17:33

Tgt Ion:152 Resp: 21286
Ion Ratio Lower Upper
152 100
115 43.9 30.8 92.4
150 114.3 0.0 350.2





#73

Isopropylbenzene

Concen: 26.868 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

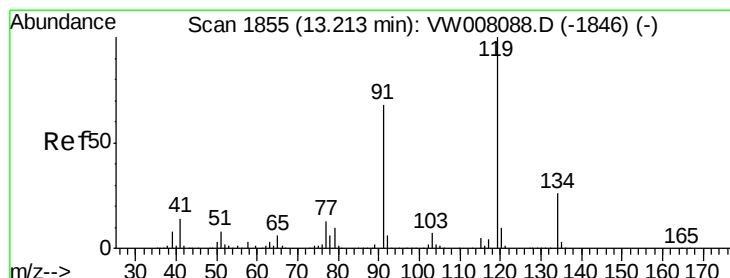
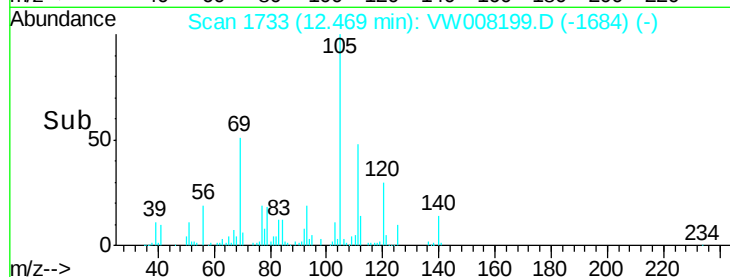
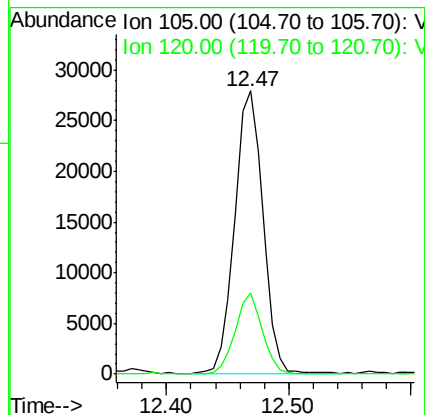
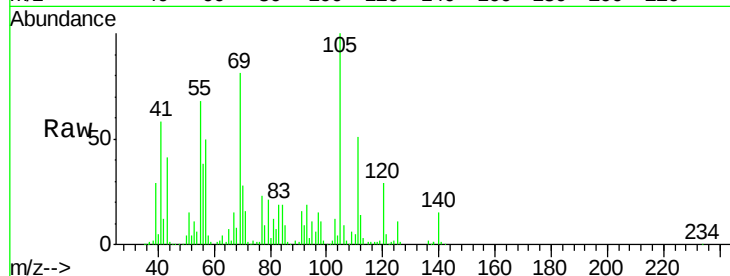
CPSB-04(15-20)RE

Tot Ion:105 Resp: 44900

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.8



#83

tert-Butylbenzene

Concen: 6.216 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW008199.D

Acq: 11 Jan 2019 17:33

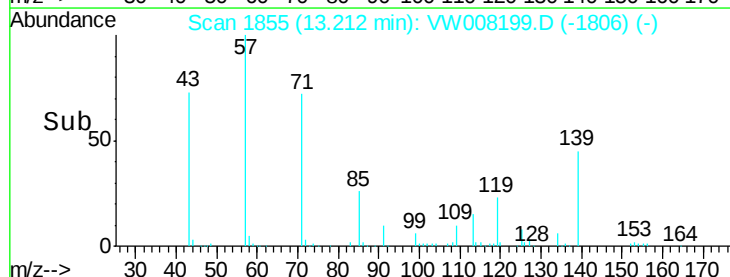
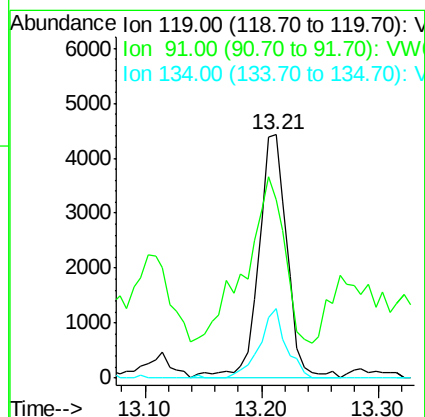
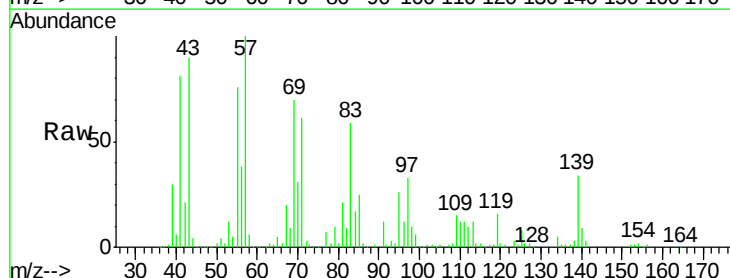
Tgt Ion:119 Resp: 7552

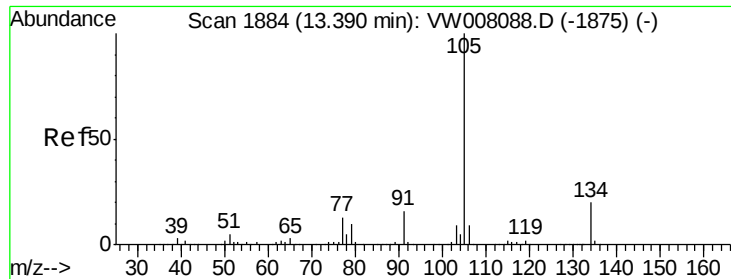
Ion Ratio Lower Upper

119 100

91 92.1 33.9 101.6

134 26.5 13.6 40.8

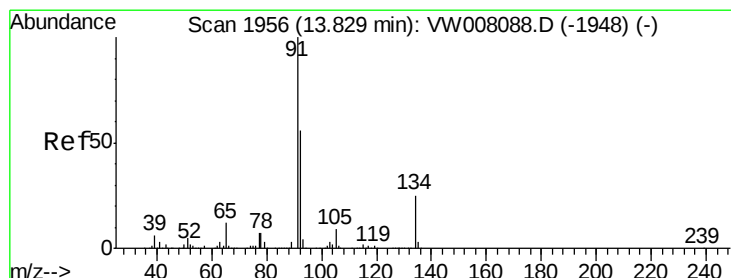
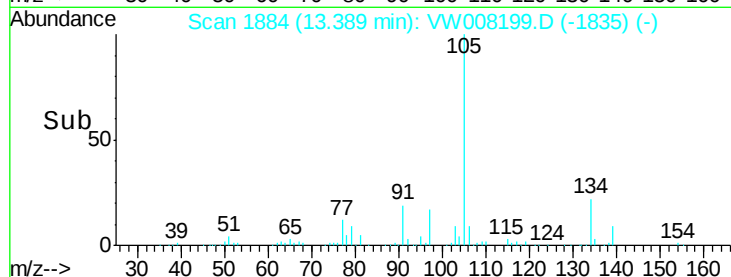
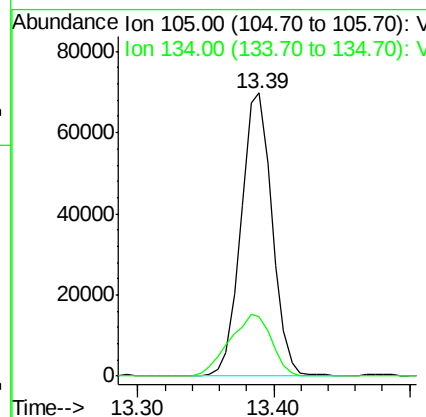
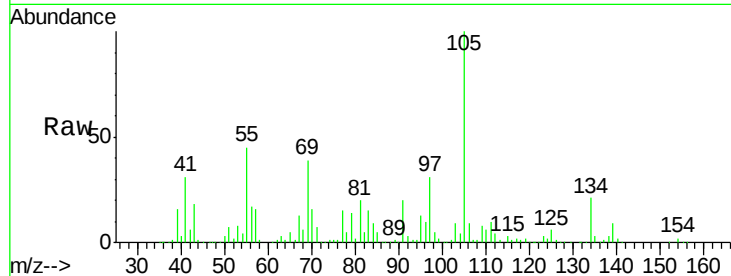




#85
 sec-Butylbenzene
 Concen: 61.937 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008199.D
 Acq: 11 Jan 2019 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-04(15-20)RE

Tot Ion:105 Resp: 110229
 Ion Ratio Lower Upper
 105 100
 134 29.7 10.1 30.1



#89
 n-Butylbenzene
 Concen: 46.611 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW008199.D
 Acq: 11 Jan 2019 17:33

Tgt Ion: 91 Resp: 70159
 Ion Ratio Lower Upper
 91 100
 92 50.1 27.4 82.2
 134 41.1 12.6 37.8#

