

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008075.D
 Acq On : 07 Jan 2019 17:42
 Operator : SY/AP
 Sample : K1071-04
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-16(20-25)

Quant Time: Jan 08 04:45:20 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

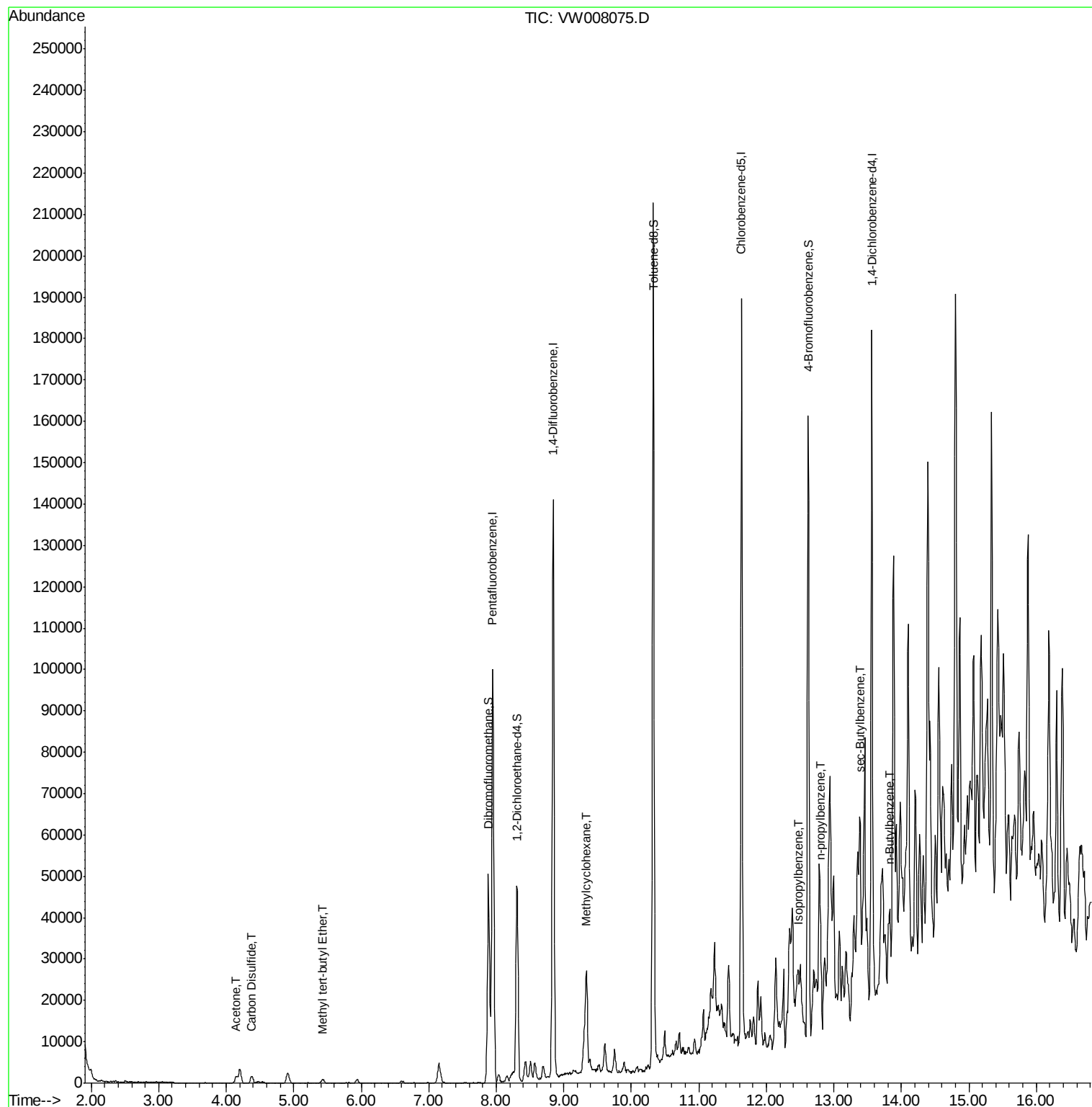
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	120679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	43521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	40325	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
35) Dibromofluoromethane	7.88	113	35719	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
50) Toluene-d8	10.33	98	138636	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.62	95	45973	42.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.02%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	3818	30.806	ug/l #	86
17) Carbon Disulfide	4.38	76	3855	1.736	ug/l #	94
19) Methyl tert-butyl Ether	5.43	73	1808	1.581	ug/l #	83
39) Methylcyclohexane	9.34	83	12024	8.103	ug/l	91
73) Isopropylbenzene	12.47	105	6259	1.809	ug/l	98
78) n-propylbenzene	12.80	91	14055	3.503	ug/l	99
85) sec-Butylbenzene	13.39	105	13590	3.791	ug/l	84
89) n-Butylbenzene	13.83	91	9398	3.177	ug/l #	89

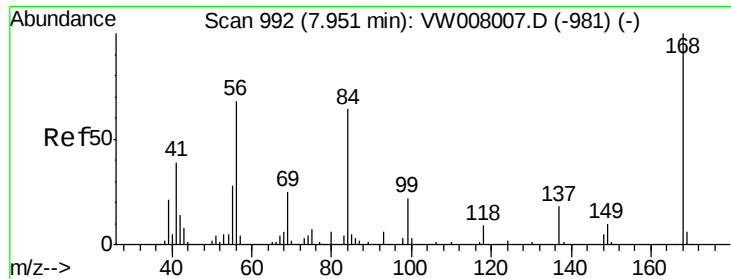
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
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CPSB-16(20-25)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008075.D

Acq: 07 Jan 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

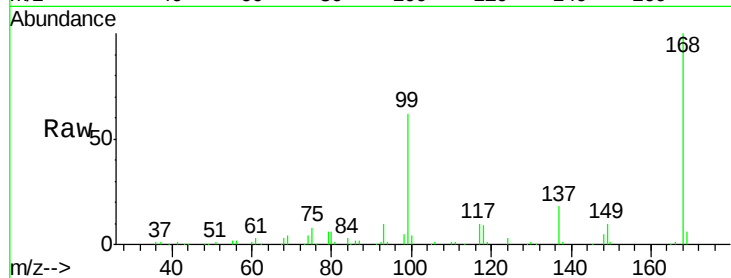
CPSB-16(20-25)

Tot Ion:168 Resp: 72387

Ion Ratio Lower Upper

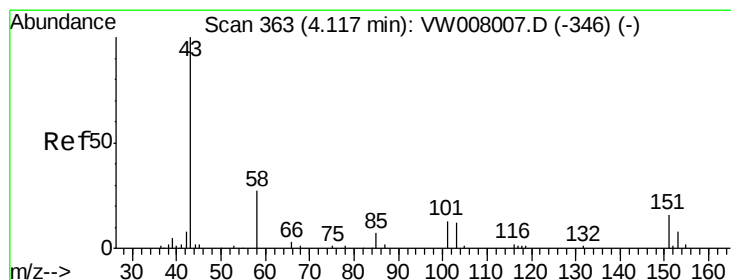
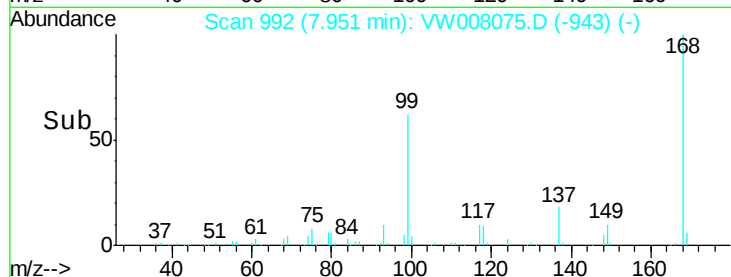
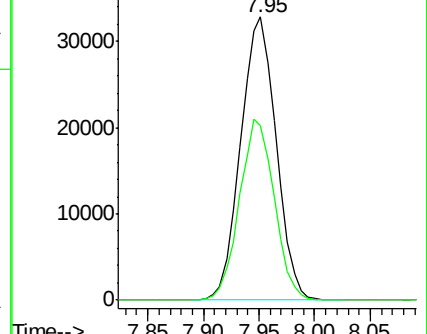
168 100

99 61.9 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: 30.806 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.04 min

Lab File: VW008075.D

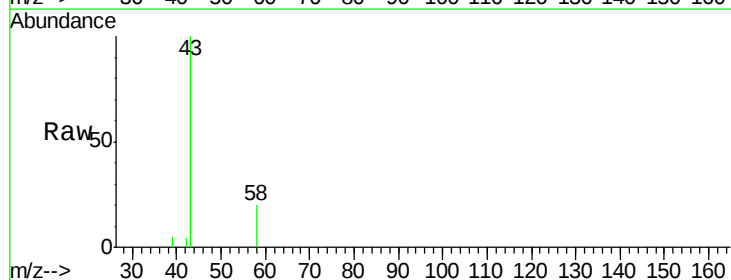
Acq: 07 Jan 2019 17:42

Tgt Ion: 43 Resp: 3818

Ion Ratio Lower Upper

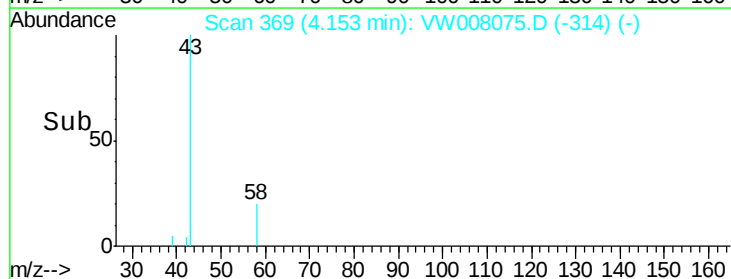
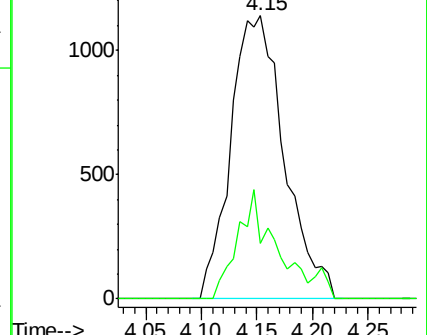
43 100

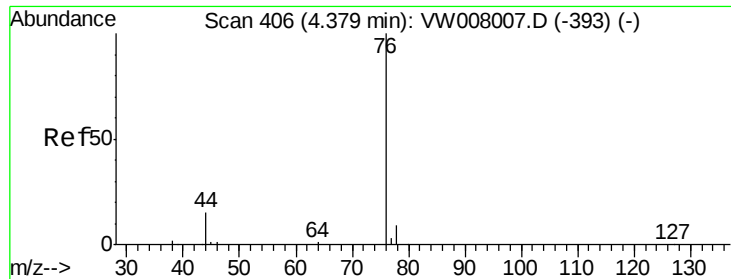
58 19.7 21.7 32.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

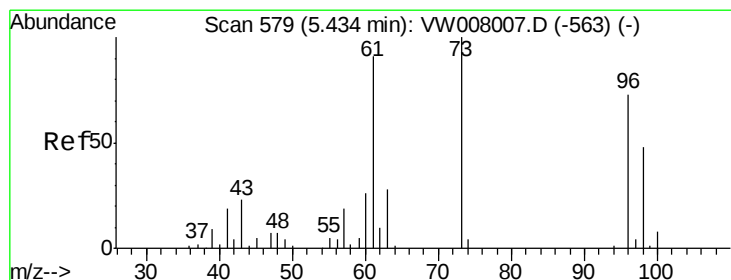
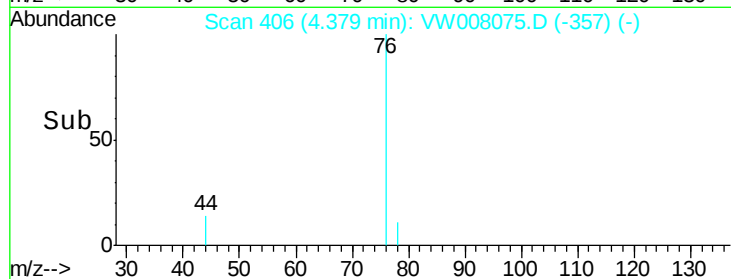
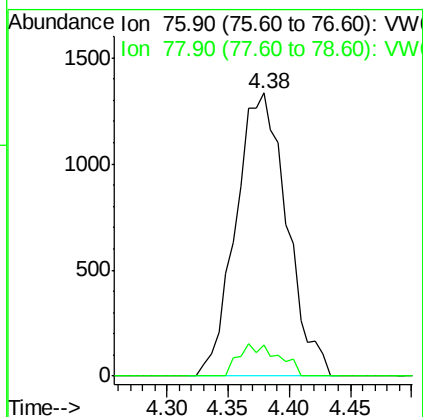
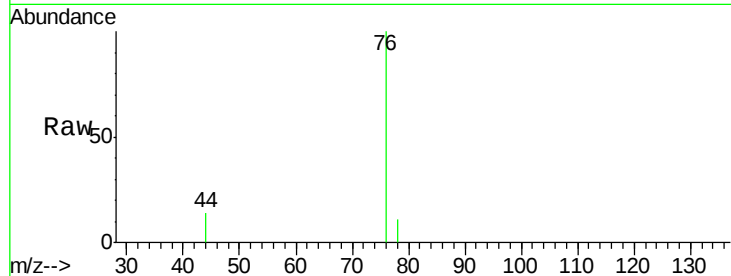




#17
Carbon Disulfide
Concen: 1.736 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW008075.D
Acq: 07 Jan 2019 17:42

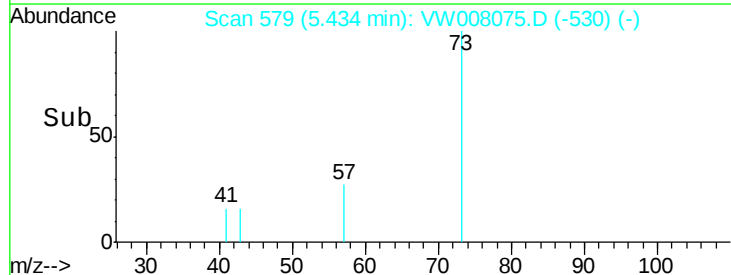
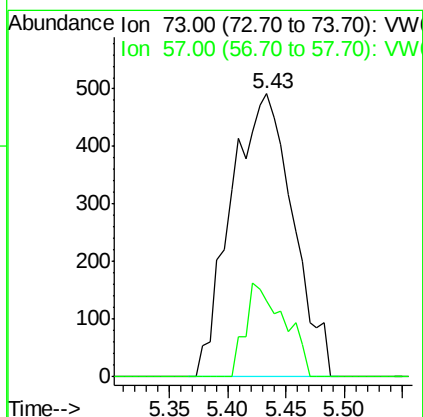
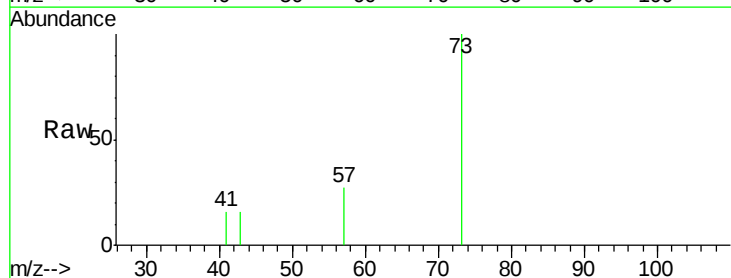
Instrument :
MSVOA_W
ClientSampleId :
CPSB-16(20-25)

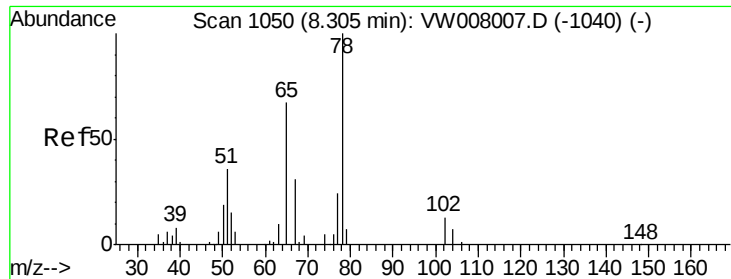
Tot Ion: 76 Resp: 3855
Ion Ratio Lower Upper
76 100
78 11.0 7.0 10.4#



#19
Methyl tert-butyl Ether
Concen: 1.581 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW008075.D
Acq: 07 Jan 2019 17:42

Tgt Ion: 73 Resp: 1808
Ion Ratio Lower Upper
73 100
57 26.8 15.4 23.0#





#33

1,2-Dichloroethane-d4

Concen: 50.366 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008075.D

Acq: 07 Jan 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

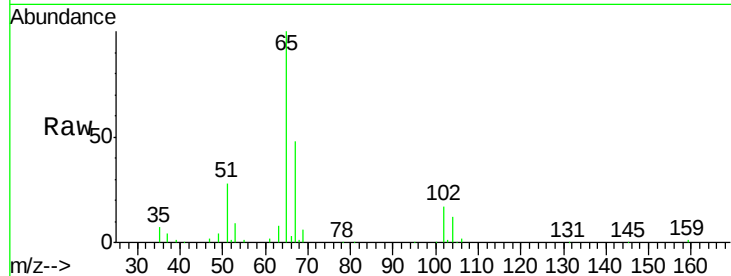
CPSB-16(20-25)

Tot Ion: 65 Resp: 40325

Ion Ratio Lower Upper

65 100

67 49.0 0.0 94.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

20000

15000

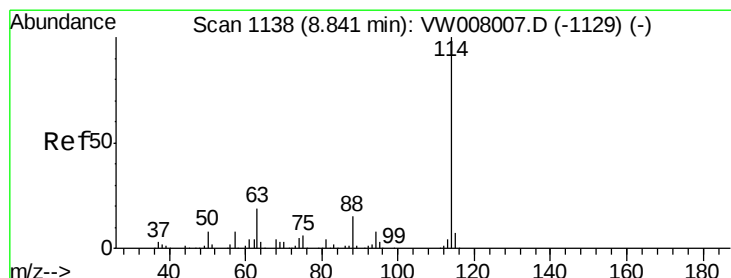
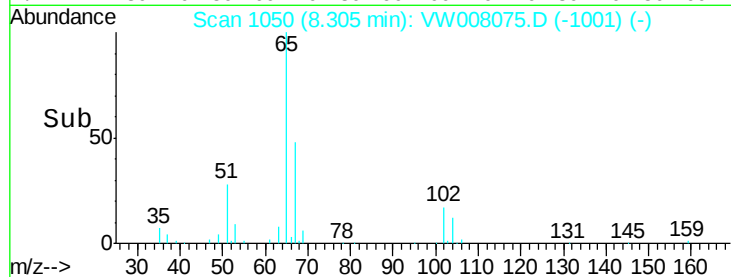
10000

5000

0

Time-->

8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008075.D

Acq: 07 Jan 2019 17:42

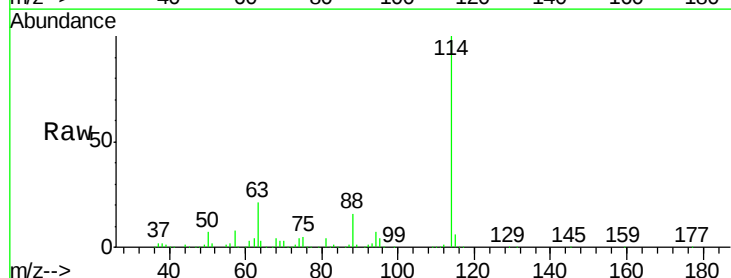
Tgt Ion: 114 Resp: 120679

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.8

88 16.3 0.0 31.0



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

8.84

80000

60000

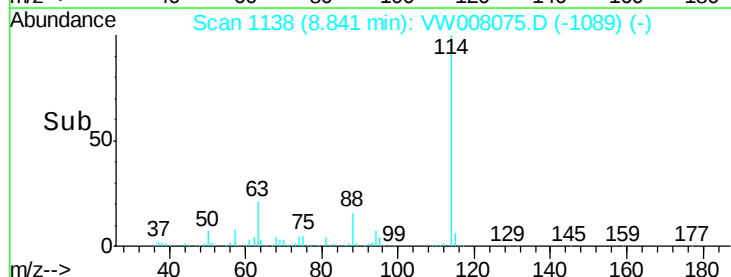
40000

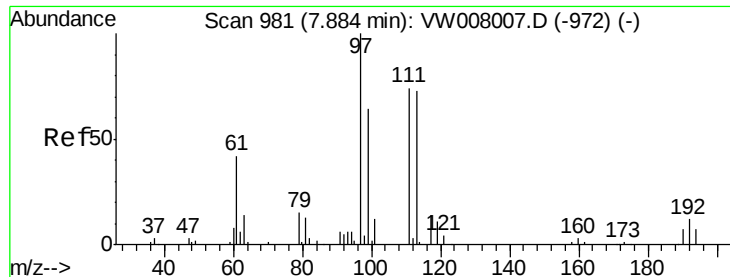
20000

0

Time-->

8.75 8.80 8.85 8.90 8.95

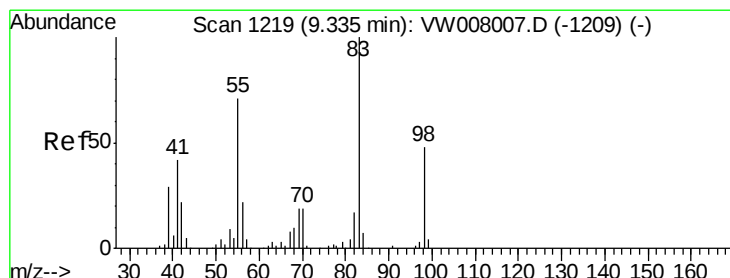
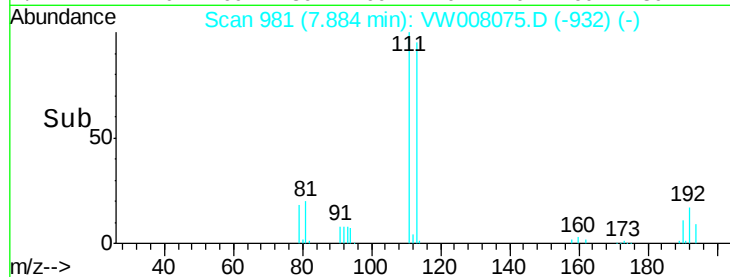
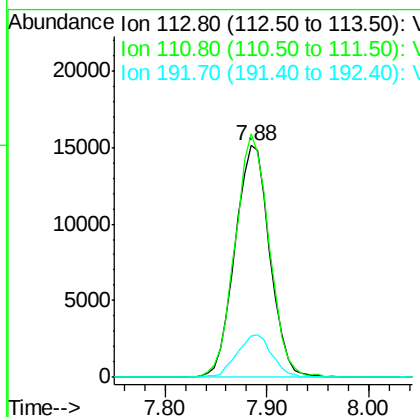
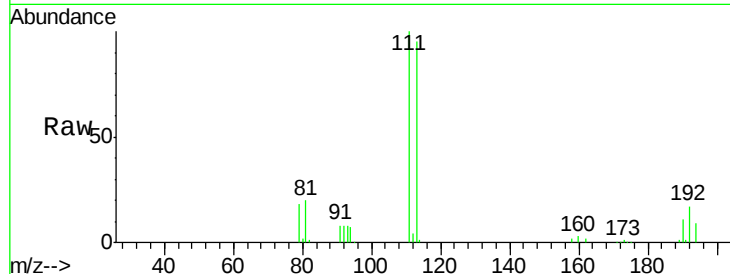




#35
 Dibromofluoromethane
 Concen: 46.951 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008075.D
 Acq: 07 Jan 2019 17:42

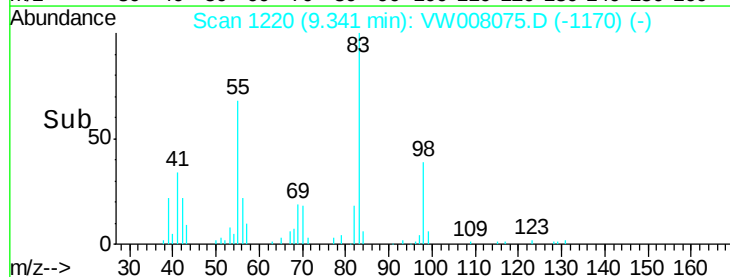
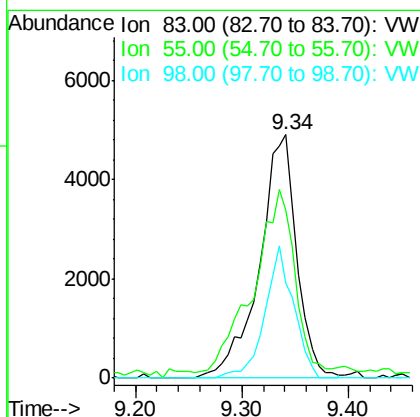
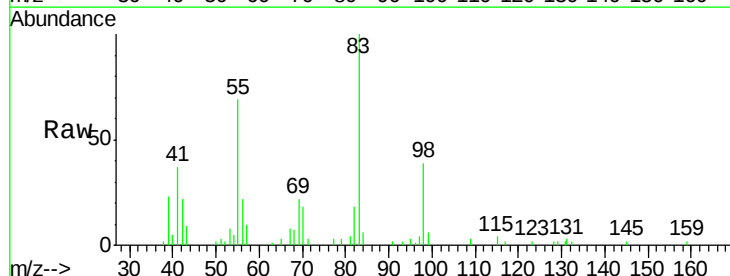
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-16(20-25)

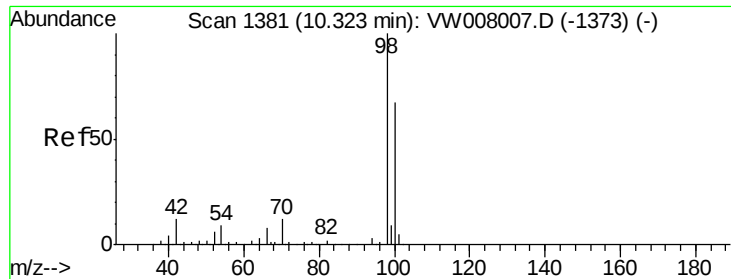
Tot Ion:113 Resp: 35719
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.0
 192 18.4 14.8 22.2



#39
 Methylcyclohexane
 Concen: 8.103 ug/l
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: VW008075.D
 Acq: 07 Jan 2019 17:42

Tgt Ion: 83 Resp: 12024
 Ion Ratio Lower Upper
 83 100
 55 66.2 56.8 85.2
 98 39.0 38.6 58.0





#50

Toluene-d8

Concen: 48.579 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW008075.D

Acq: 07 Jan 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

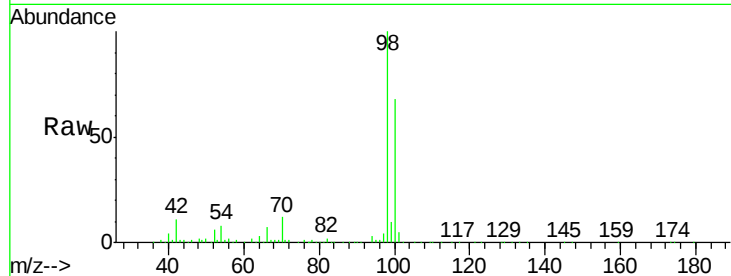
CPSB-16(20-25)

Tot Ion: 98 Resp: 138636

Ion Ratio Lower Upper

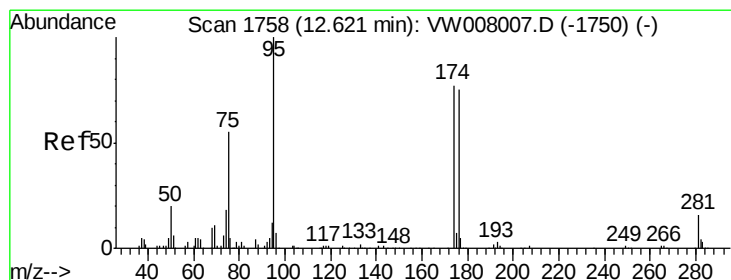
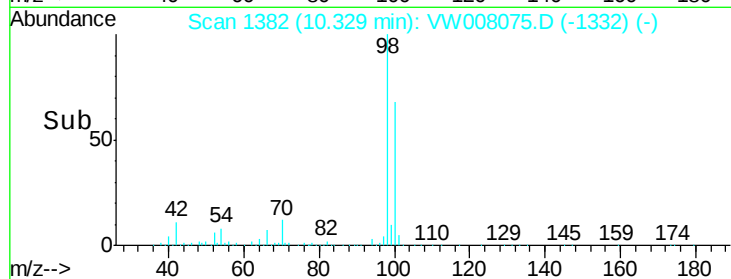
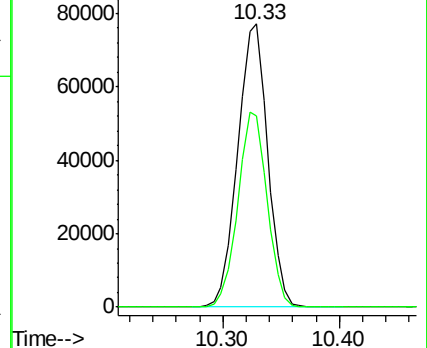
98 100

100 67.0 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: 42.005 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008075.D

Acq: 07 Jan 2019 17:42

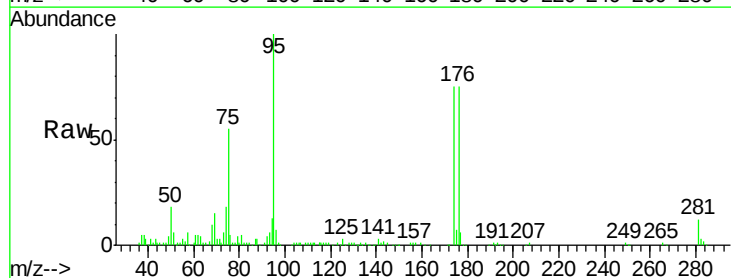
Tgt Ion: 95 Resp: 45973

Ion Ratio Lower Upper

95 100

174 72.3 0.0 149.6

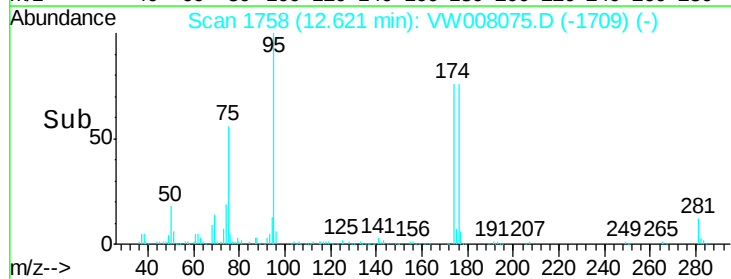
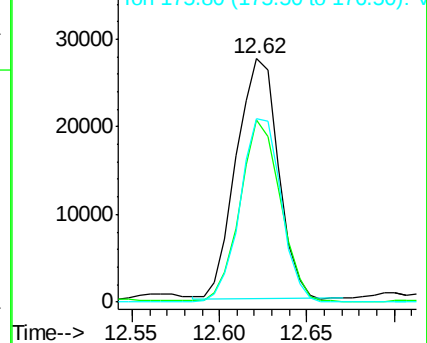
176 74.1 0.0 145.4

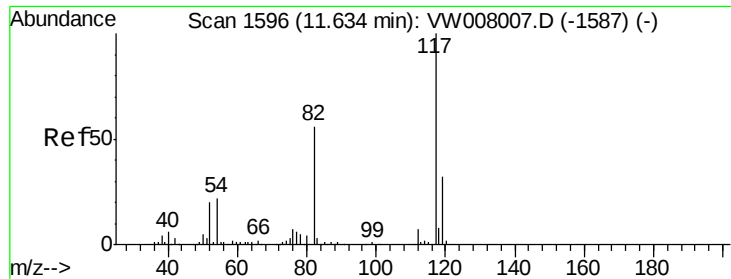


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

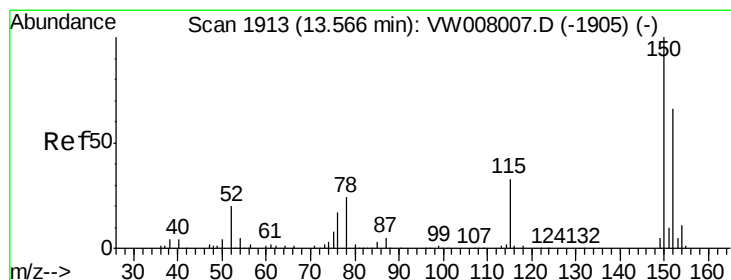
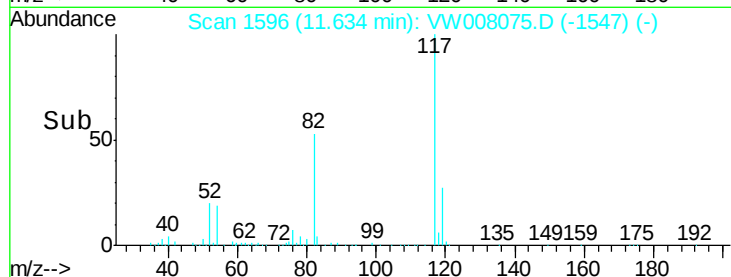
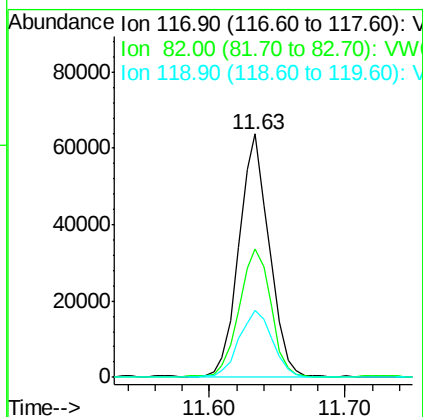
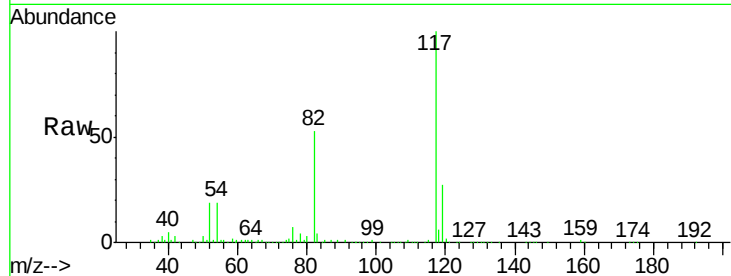




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008075.D
Acq: 07 Jan 2019 17:42

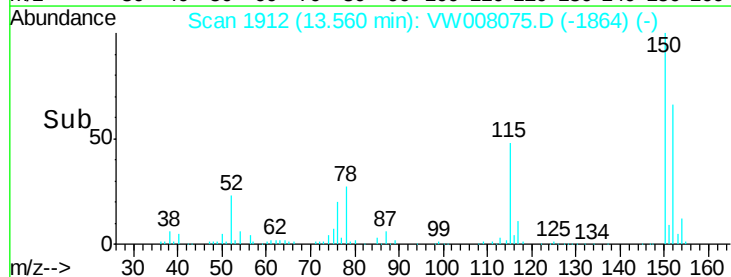
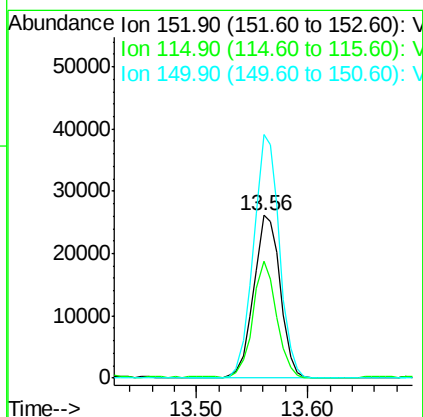
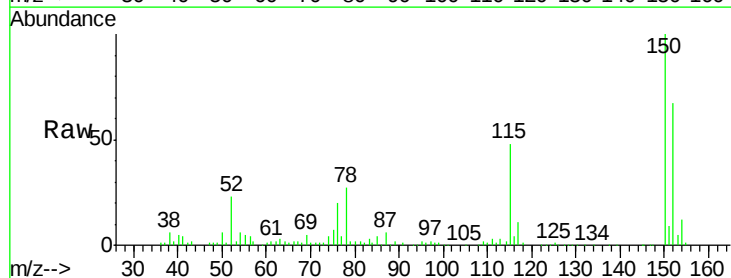
Instrument :
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CPSB-16(20-25)

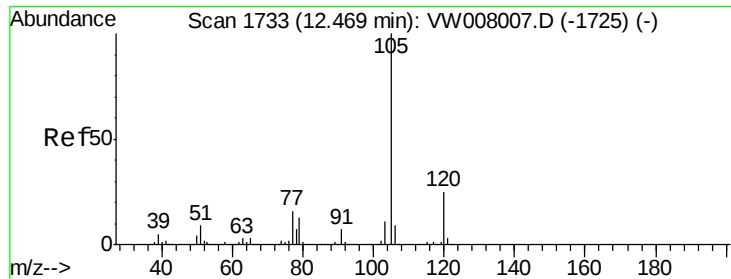
Tot Ion:117 Resp: 97823
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 27.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008075.D
Acq: 07 Jan 2019 17:42

Tgt Ion:152 Resp: 43521
Ion Ratio Lower Upper
152 100
115 63.9 32.1 96.5
150 145.3 0.0 345.0





#73

Isopropylbenzene

Concen: 1.809 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008075.D

Acq: 07 Jan 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

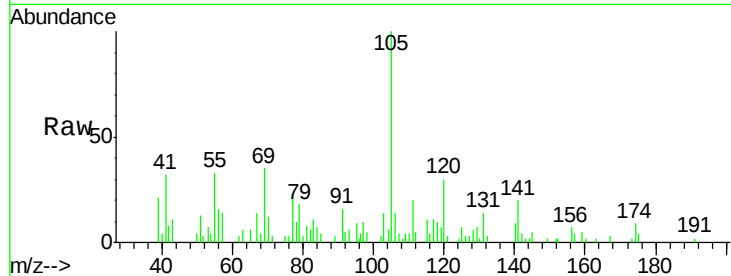
CPSB-16(20-25)

Tot Ion:105 Resp: 6259

Ion Ratio Lower Upper

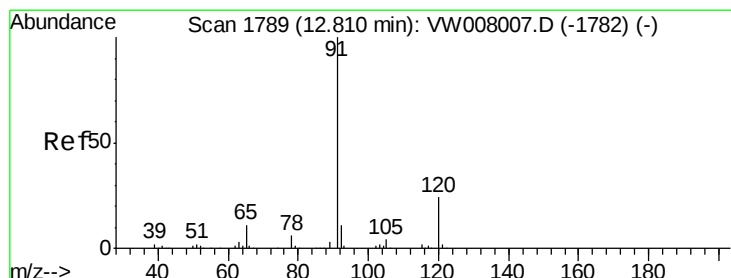
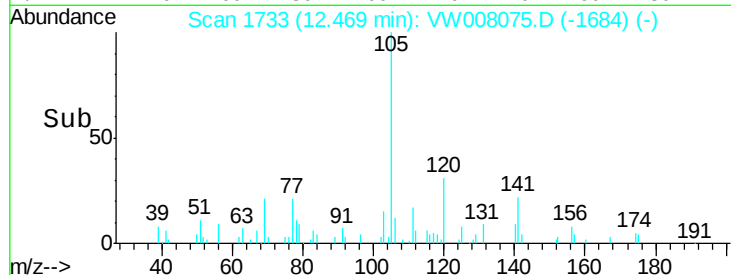
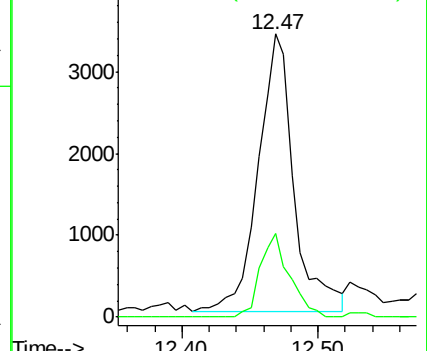
105 100

120 24.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 3.503 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008075.D

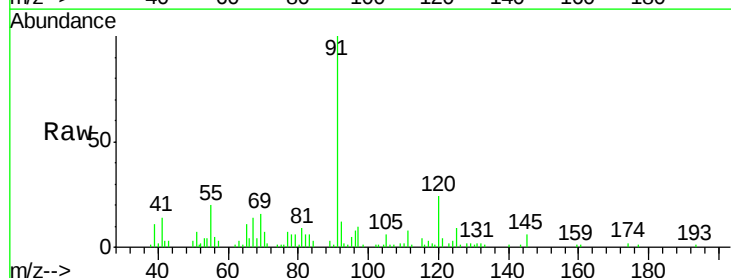
Acq: 07 Jan 2019 17:42

Tgt Ion: 91 Resp: 14055

Ion Ratio Lower Upper

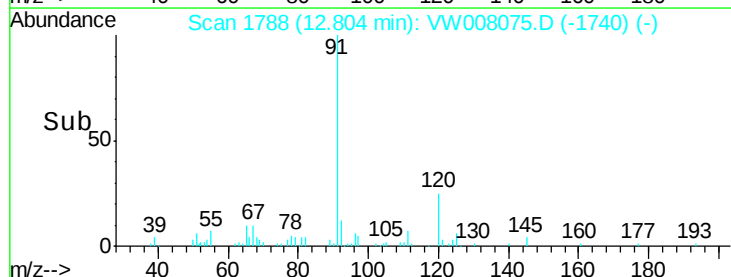
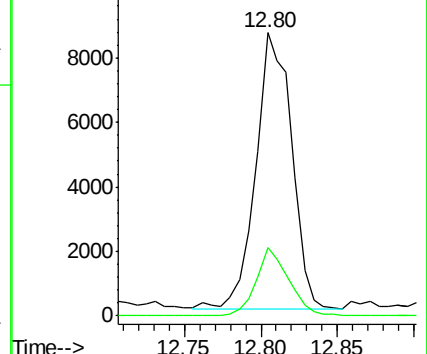
91 100

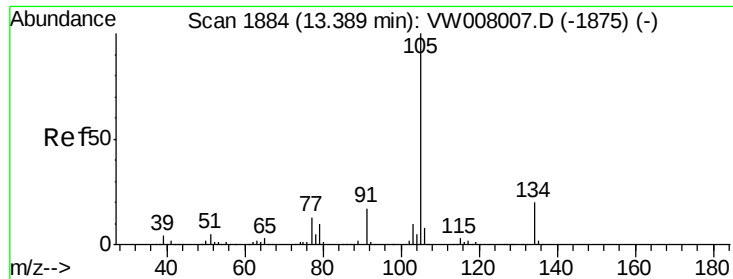
120 22.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 3.791 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008075.D

Acq: 07 Jan 2019 17:42

Instrument :

MSVOA_W

ClientSampleId :

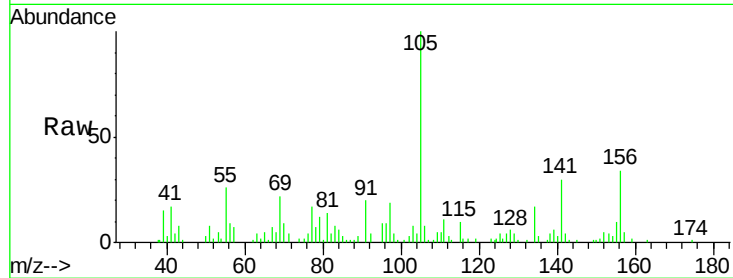
CPSB-16(20-25)

Tot Ion:105 Resp: 13590

Ion Ratio Lower Upper

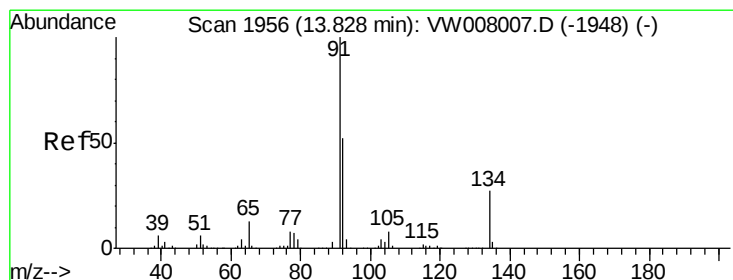
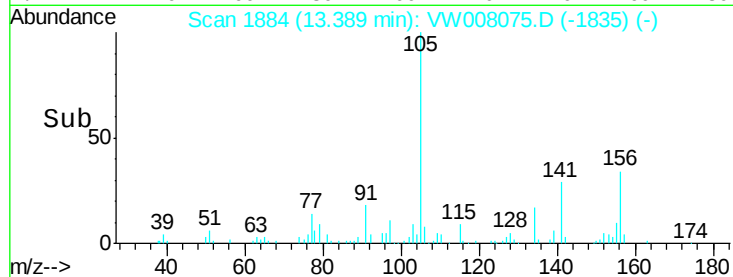
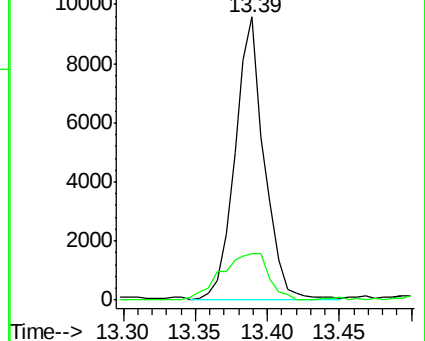
105 100

134 26.8 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 3.177 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008075.D

Acq: 07 Jan 2019 17:42

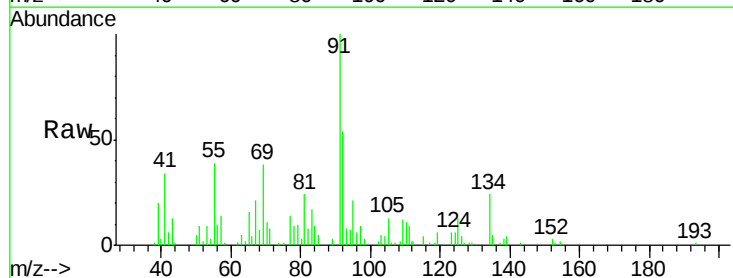
Tgt Ion: 91 Resp: 9398

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.2

134 42.0 13.4 40.2#



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

