

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010819\
 Data File : VN053309.D
 Acq On : 8 Jan 2019 11:04
 Operator : MD\SY
 Sample : K1071-05ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-15(15-20)ME

Quant Time: Jan 09 00:31:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

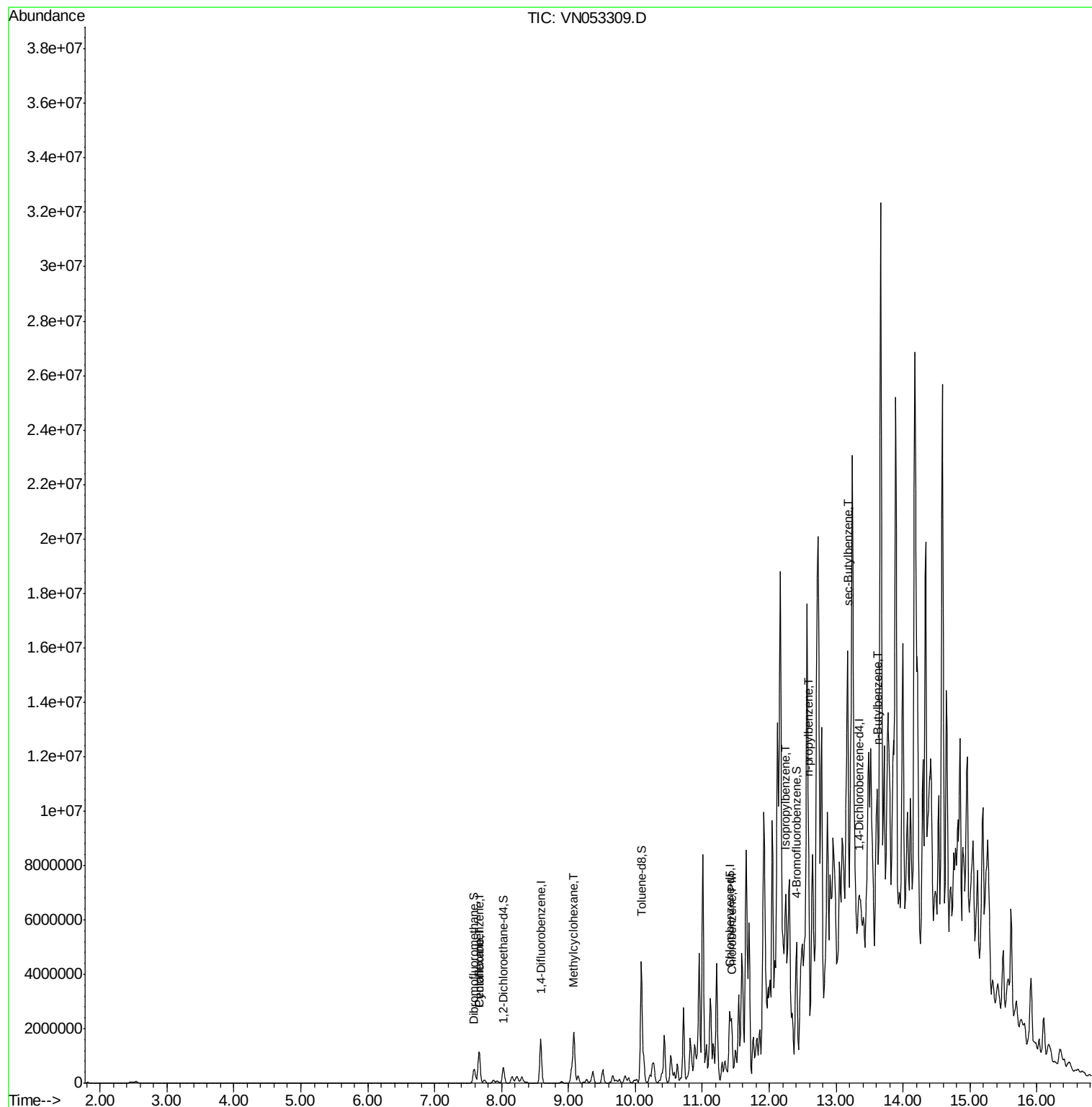
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	988910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1524479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1349699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	731518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	478553	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
35) Dibromofluoromethane	7.59	113	401420	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
50) Toluene-d8	10.09	98	1998816	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.40	95	864444	65.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.92%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.66	56	47567	2.524	ug/l #	51
39) Methylcyclohexane	9.08	83	871364	52.849	ug/l	98
65) Chlorobenzene	11.44	112	890964	30.387	ug/l	98
73) Isopropylbenzene	12.25	105	1610030	29.562	ug/l	100
78) n-propylbenzene	12.59	91	3983405	64.659	ug/l	99
85) sec-Butylbenzene	13.17	105	4618793	90.990	ug/l	85
89) n-Butylbenzene	13.62	91	2663206	72.276	ug/l #	85

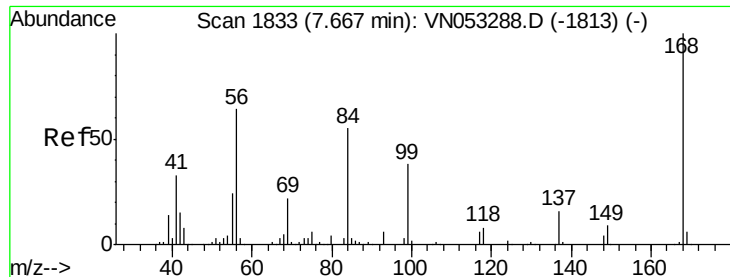
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CPSB-15(15-20)ME

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

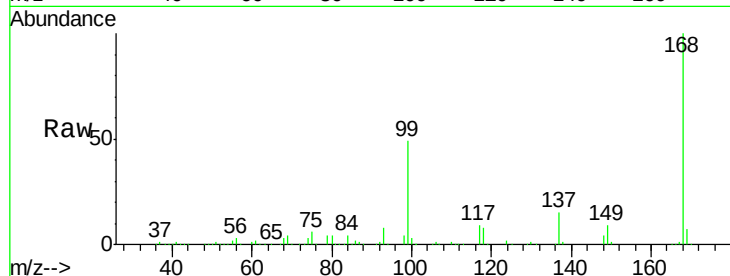
CPSB-15(15-20)ME

Tot Ion:168 Resp: 988910

Ion Ratio Lower Upper

168 100

99 49.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

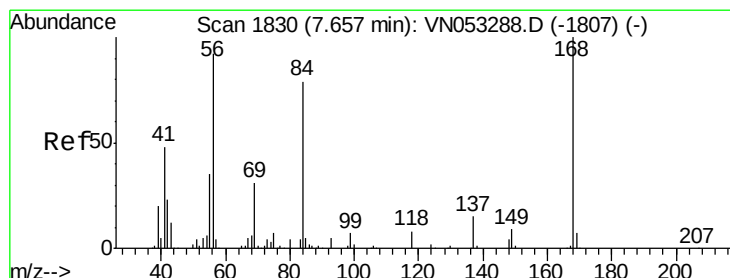
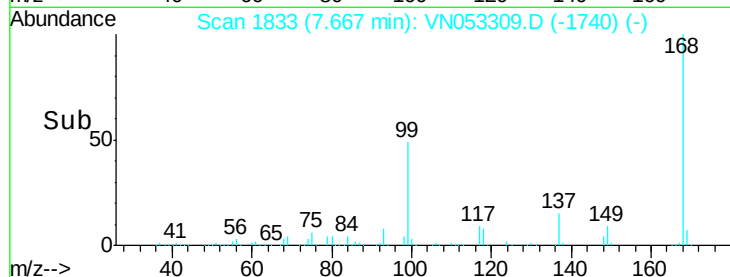
300000

200000

100000

0

Time-->



#31

Cyclohexane

Concen: 2.524 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

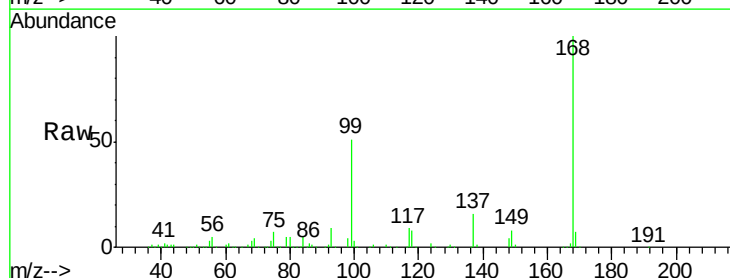
Tgt Ion: 56 Resp: 47567

Ion Ratio Lower Upper

56 100

69 88.8 26.7 40.1#

84 112.2 68.2 102.4#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

7.66

30000

25000

20000

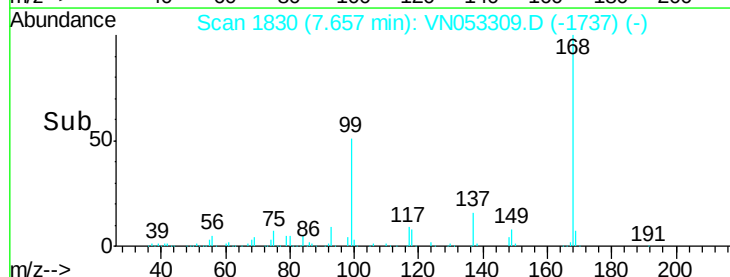
15000

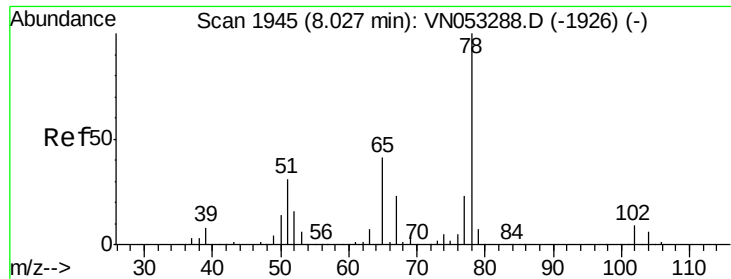
10000

5000

0

Time-->

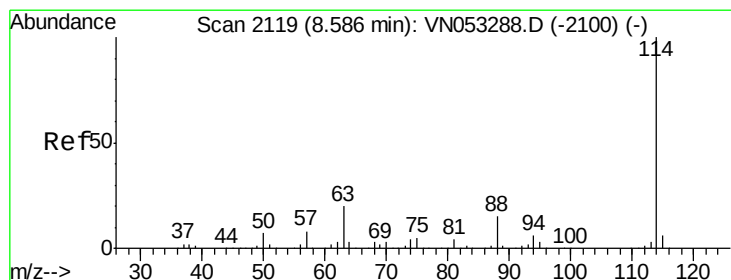
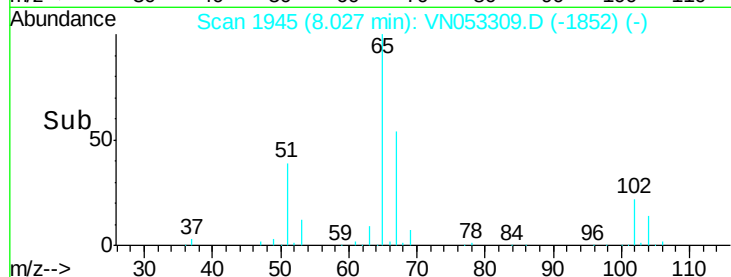
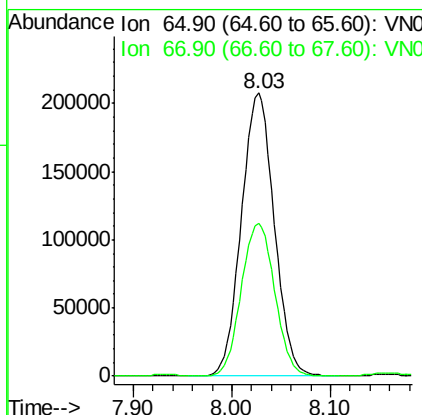
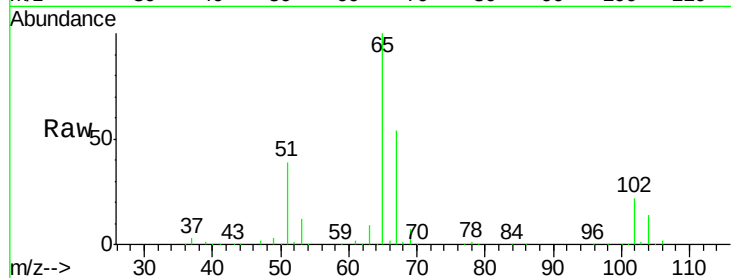




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

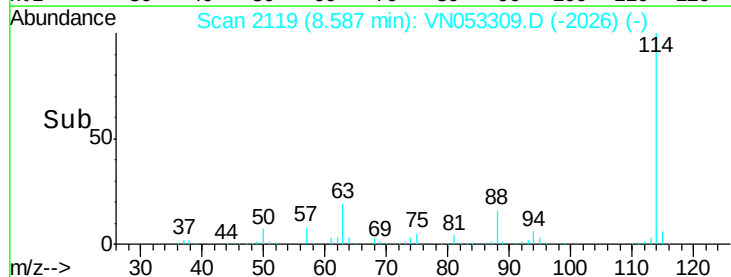
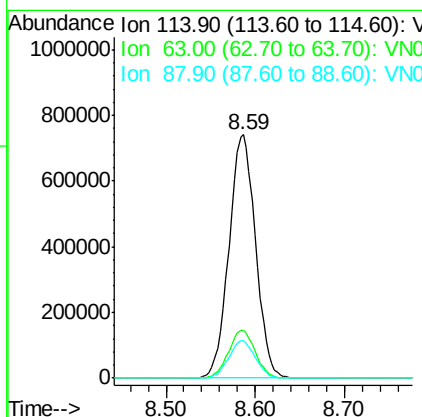
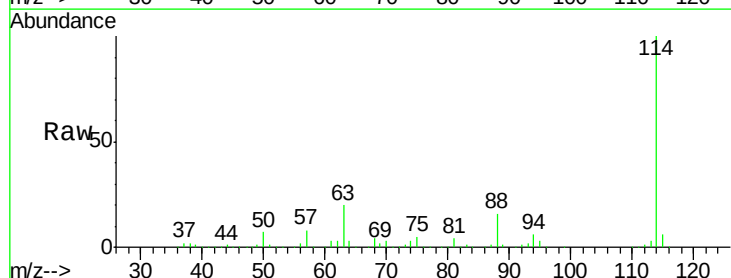
Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-15(15-20)ME

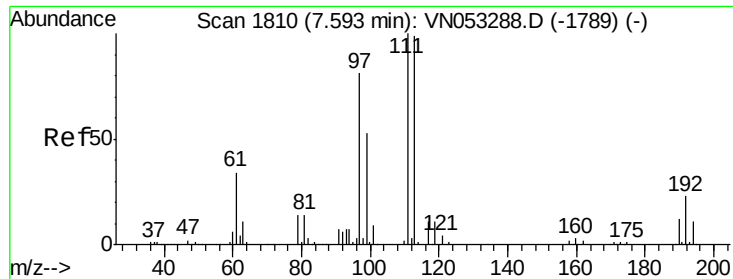
Tot Ion: 65 Resp: 478553
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

Tgt Ion: 114 Resp: 1524479
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.6 0.0 30.8

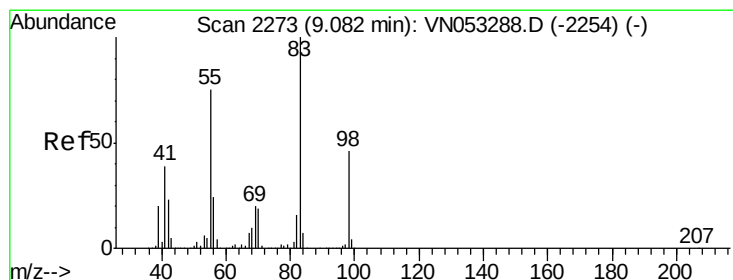
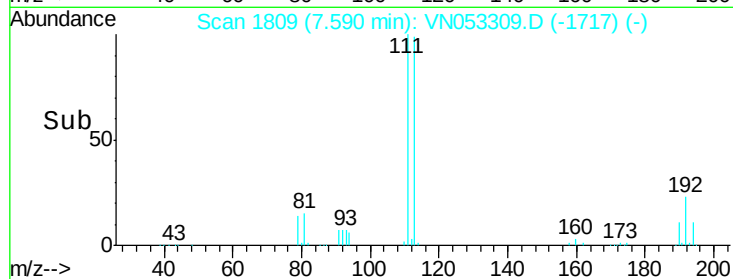
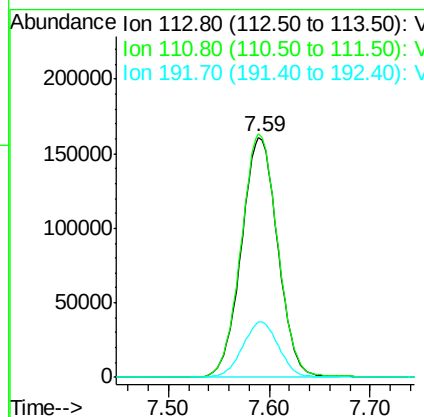
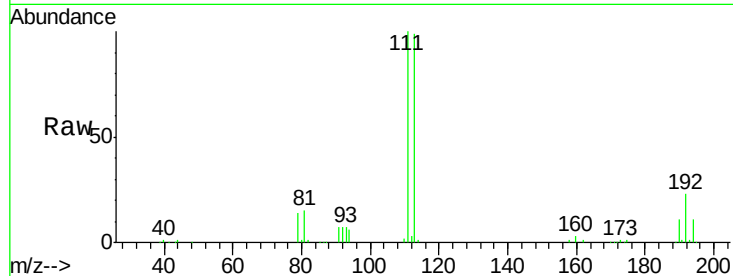




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

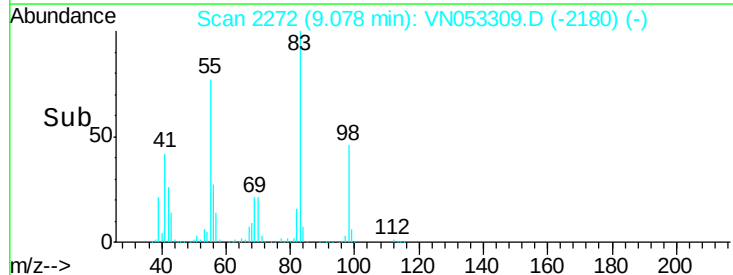
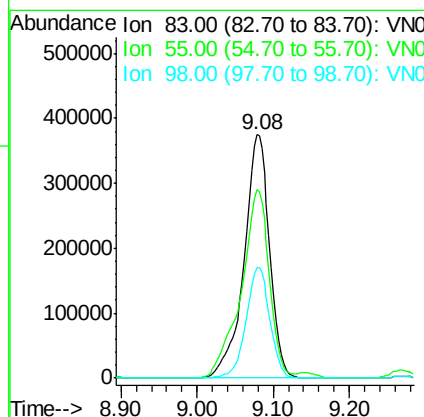
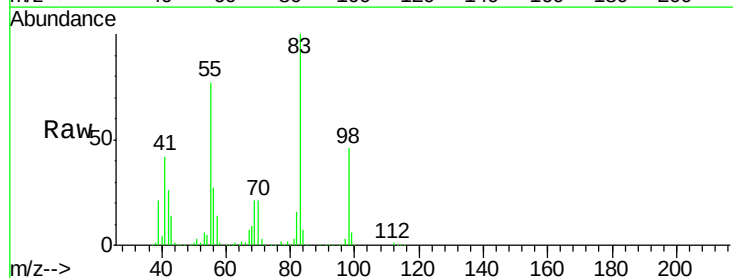
Instrument :
MSVOA_N
ClientSampleId :
CPSB-15(15-20)ME

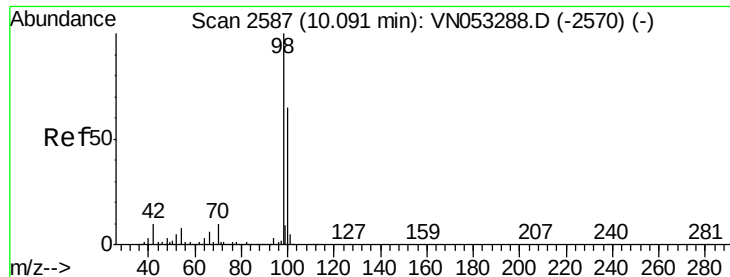
Tot Ion:113 Resp: 401420
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.2
192 22.9 17.9 26.9



#39
Methylcyclohexane
Concen: 52.849 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

Tgt Ion: 83 Resp: 871364
Ion Ratio Lower Upper
83 100
55 77.1 60.1 90.1
98 45.5 36.7 55.1





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

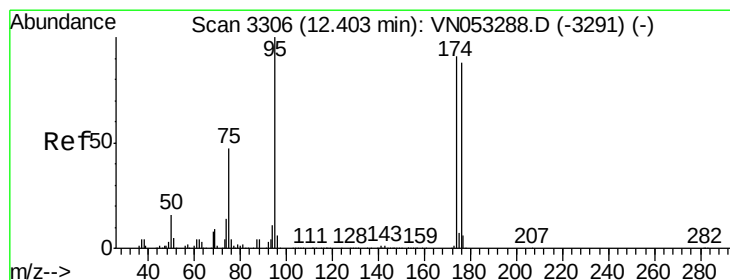
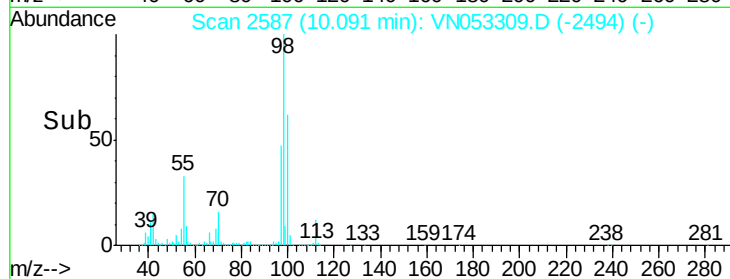
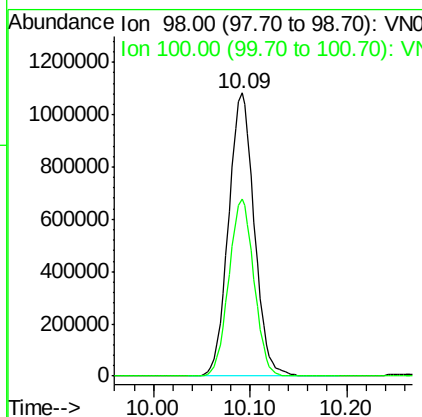
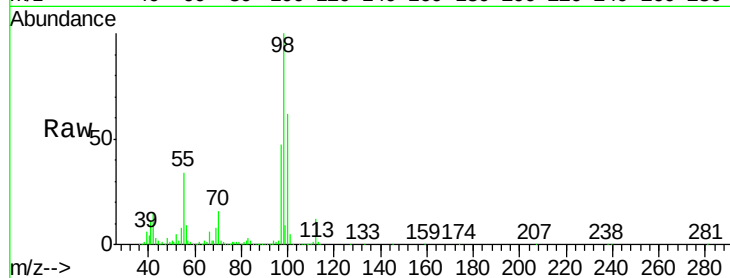
CPSB-15(15-20)ME

Tot Ion: 98 Resp: 1998816

Ion Ratio Lower Upper

98 100

100 61.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

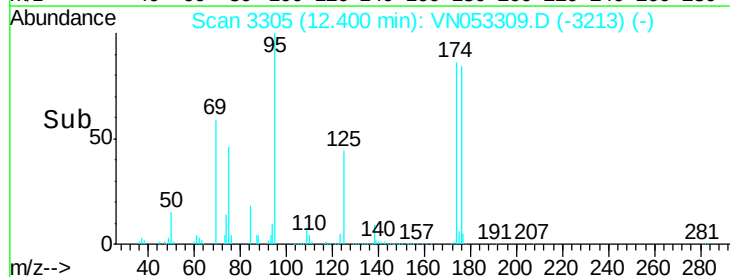
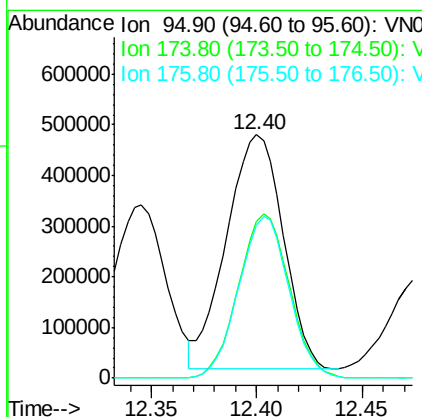
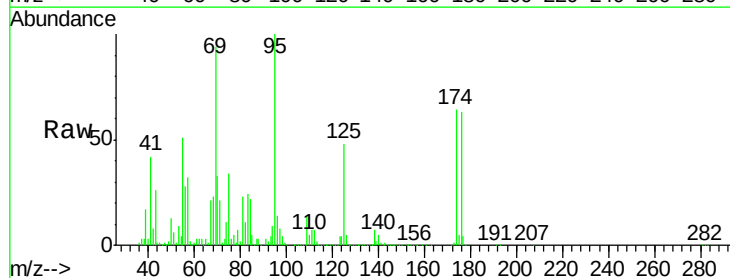
Tgt Ion: 95 Resp: 864444

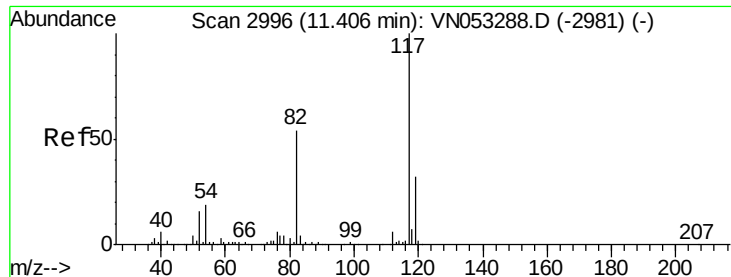
Ion Ratio Lower Upper

95 100

174 63.0 0.0 180.4

176 61.4 0.0 175.6

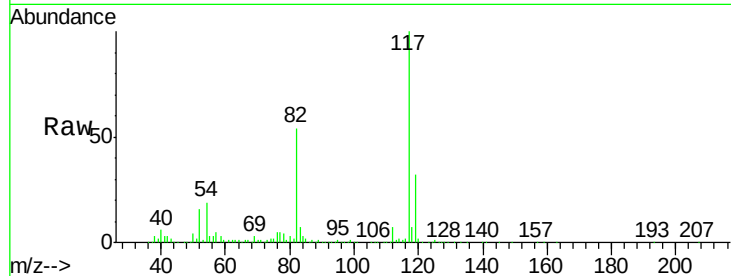




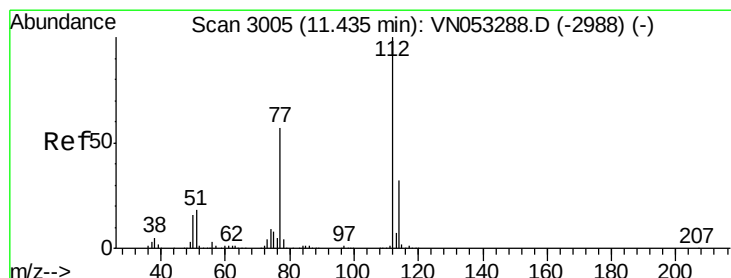
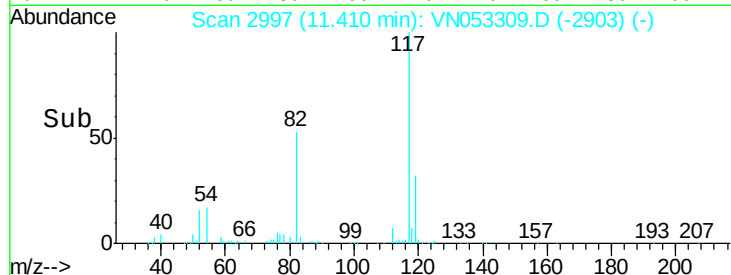
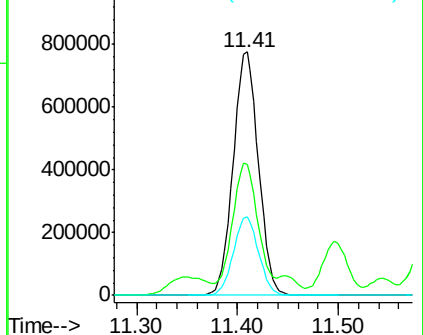
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

Instrument :
MSVOA_N
ClientSampleId :
CPSB-15(15-20)ME

Tot Ion:117 Resp: 1349699
Ion Ratio Lower Upper
117 100
82 46.6 42.9 64.3
119 32.3 25.6 38.4

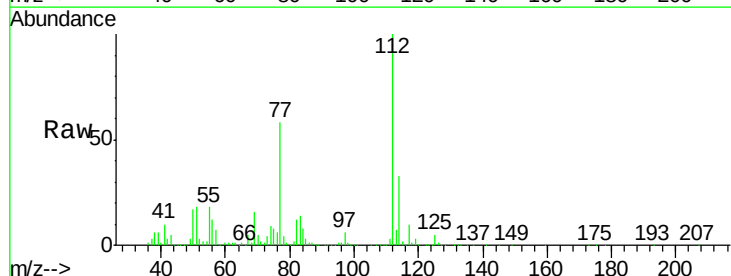


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

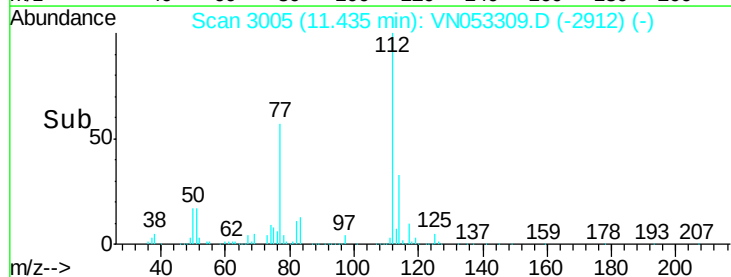
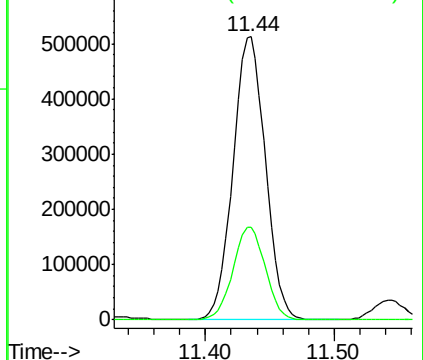


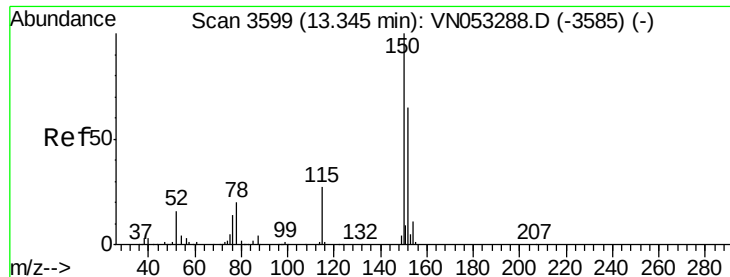
#65
Chlorobenzene
Concen: 30.387 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

Tgt Ion:112 Resp: 890964
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



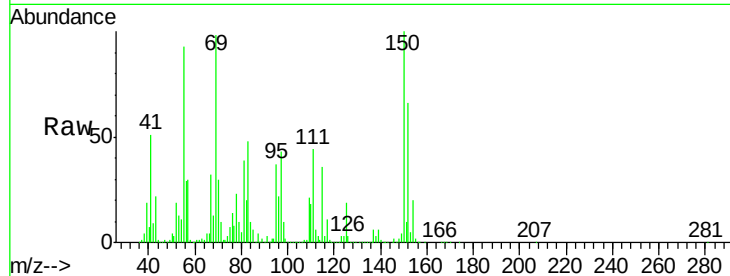


#72

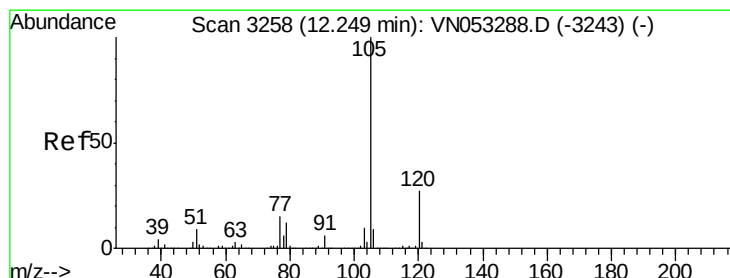
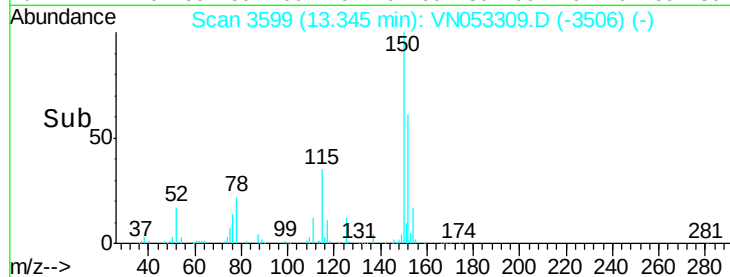
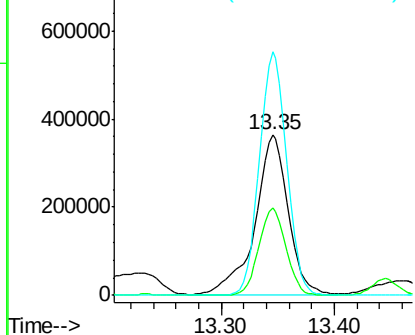
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

Instrument :
MSVOA_N
ClientSampleId :
CPSB-15(15-20)ME

Tot Ion:152 Resp: 731518
Ion Ratio Lower Upper
152 100
115 44.4 28.0 84.0
150 125.8 0.0 346.6



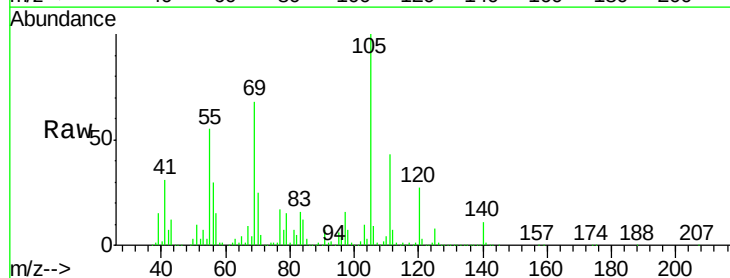
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



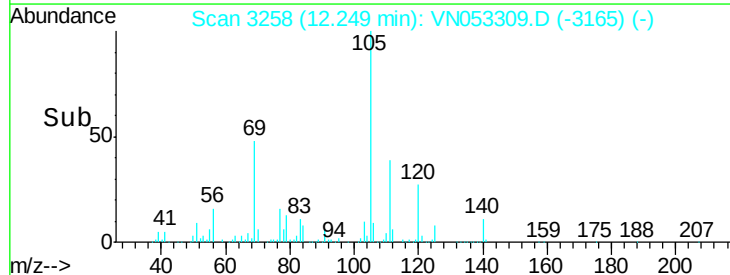
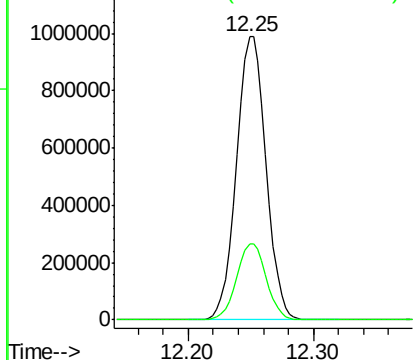
#73

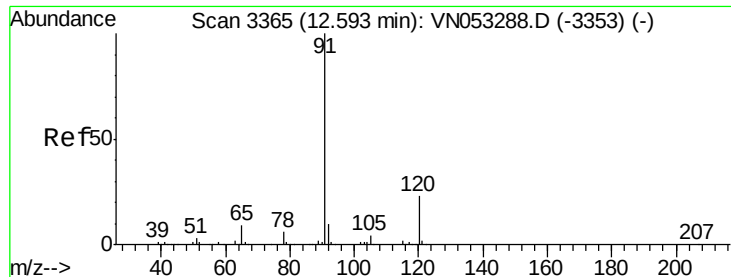
Isopropylbenzene
Concen: 29.562 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

Tgt Ion:105 Resp: 1610030
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 64.659 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

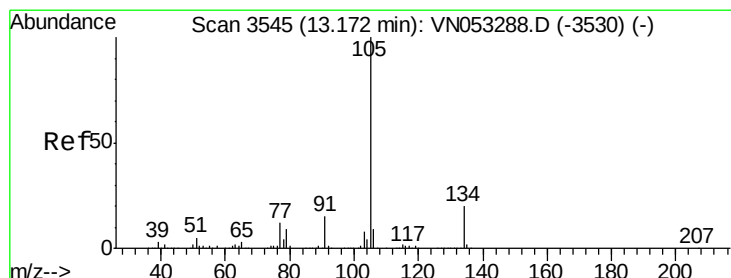
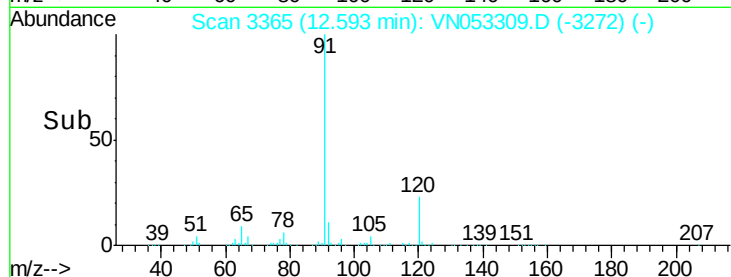
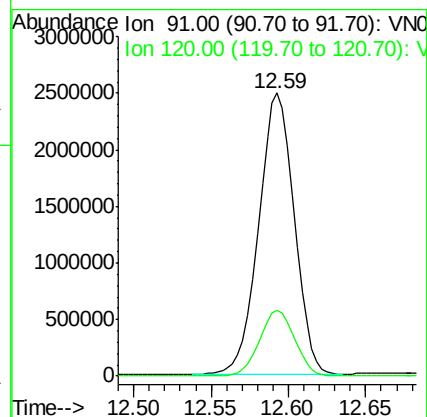
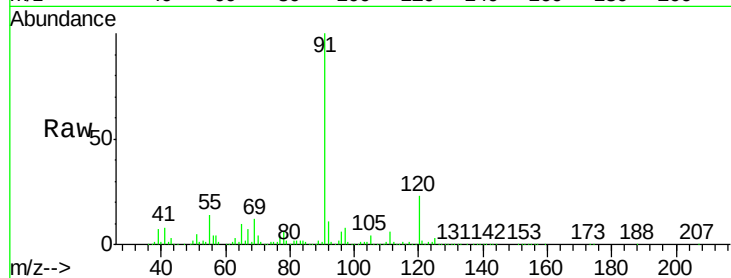
CPSB-15(15-20)ME

Tot Ion: 91 Resp: 3983405

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5



#85

sec-Butylbenzene

Concen: 90.990 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053309.D

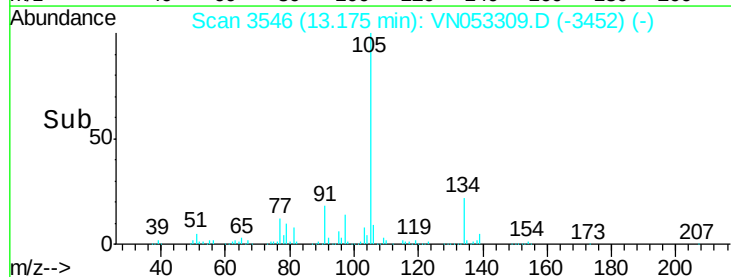
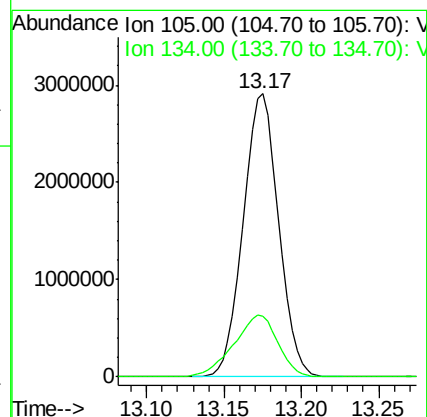
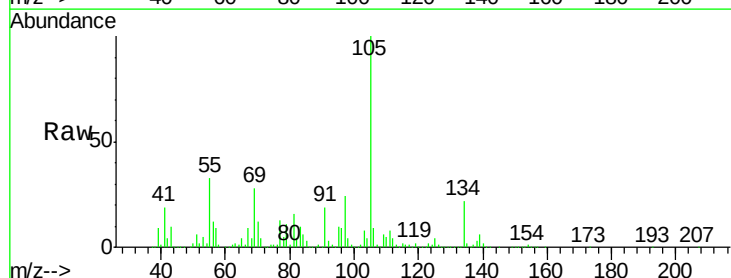
Acq: 8 Jan 2019 11:04

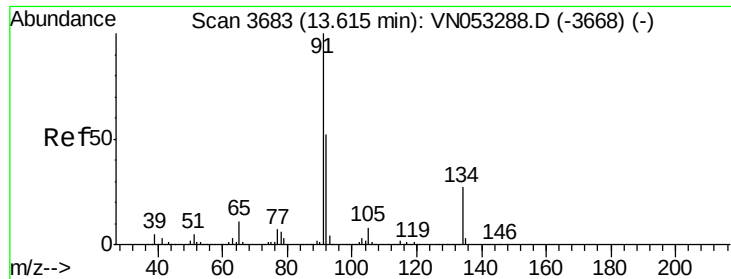
Tgt Ion: 105 Resp: 4618793

Ion Ratio Lower Upper

105 100

134 27.4 10.2 30.6





#89
 n-Butylbenzene
 Concen: 72.276 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-15(15-20)ME

Tot Ion: 91 Resp: 2663206

Ion	Ratio	Lower	Upper
91	100		
92	48.8	26.3	78.8
134	44.2	13.5	40.5#

