

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011419\
 Data File : VN053382.D
 Acq On : 14 Jan 2019 11:04
 Operator : JC/SP
 Sample : K1102-01ME 20X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-18(15-20)ME

Quant Time: Jan 14 23:17:01 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

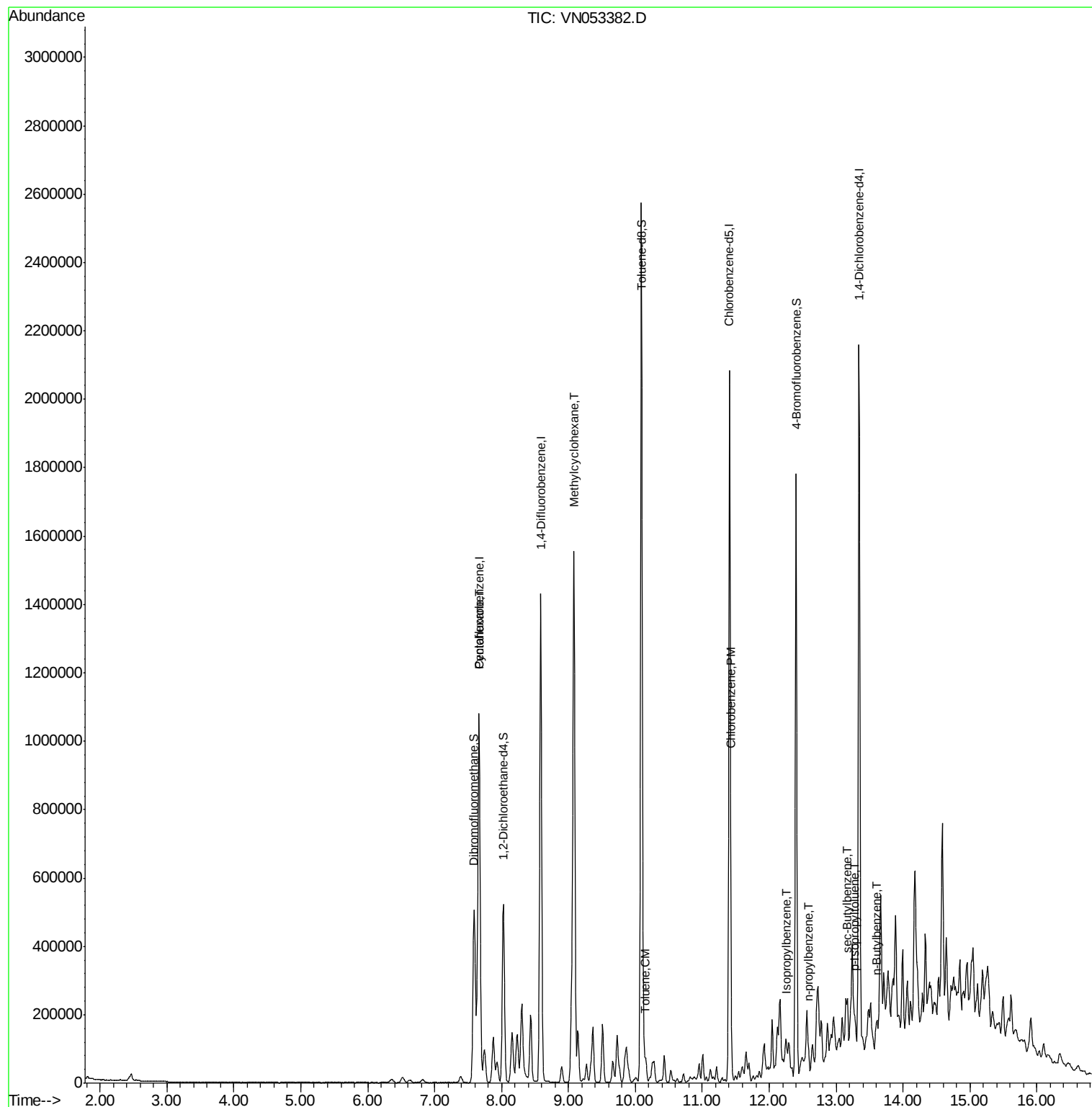
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	869855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1355667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1251719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	588266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	435424	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	7.59	113	391207	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.09	98	1691683	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	596130	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.65	56	81019	5.071	ug/l #	80
39) Methylcyclohexane	9.08	83	715110	48.773	ug/l	99
52) Toluene	10.16	92	28065	1.183	ug/l	98
65) Chlorobenzene	11.43	112	32443	1.193	ug/l	98
73) Isopropylbenzene	12.25	105	21596	0.493	ug/l	97
78) n-propylbenzene	12.59	91	44780	0.904	ug/l	99
85) sec-Butylbenzene	13.17	105	58278	1.428	ug/l	82
86) p-Isopropyltoluene	13.29	119	8001	0.226	ug/l	93
89) n-Butylbenzene	13.61	91	32877	1.110	ug/l #	85

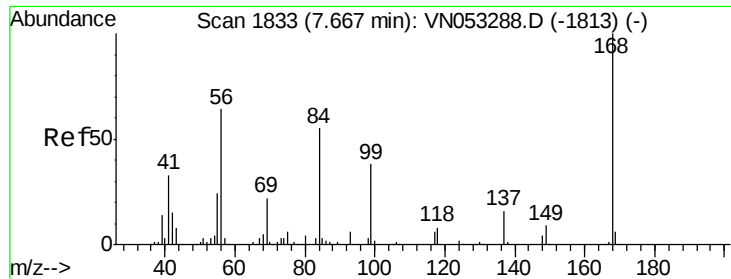
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011419\
Data File : VN053382.D
Acq On : 14 Jan 2019 11:04
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Sample : K1102-01ME 20X
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CPSB-18(15-20)ME

Quant Time: Jan 14 23:17:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
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: VN053382.D

Acq: 14 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

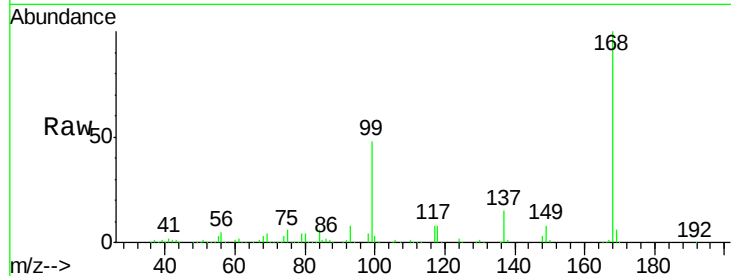
CPSB-18(15-20)ME

Tot Ion:168 Resp: 869855

Ion Ratio Lower Upper

168 100

99 48.4 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

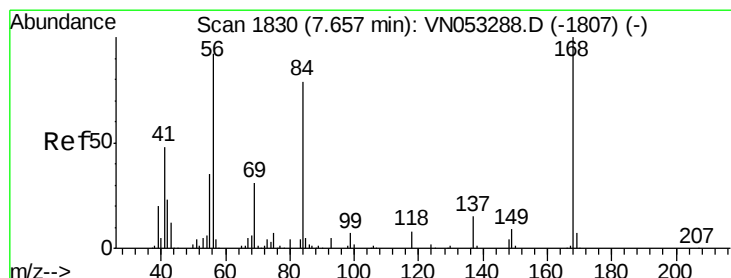
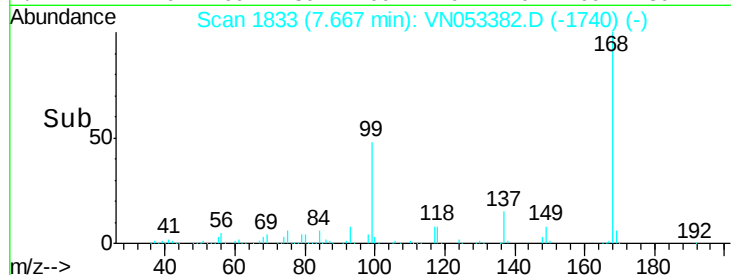
300000

200000

100000

0

Time-->



#31

Cyclohexane

Concen: 5.071 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN053382.D

Acq: 14 Jan 2019 11:04

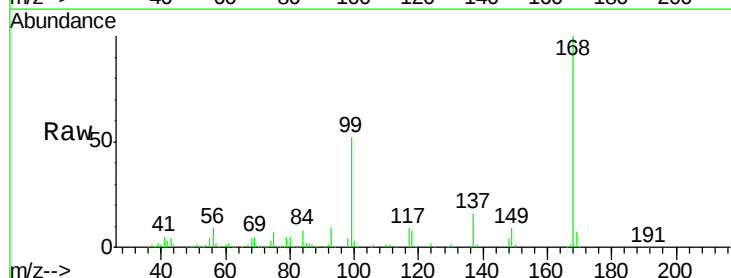
Tgt Ion: 56 Resp: 81019

Ion Ratio Lower Upper

56 100

69 58.9 26.7 40.1#

84 94.1 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

7.65

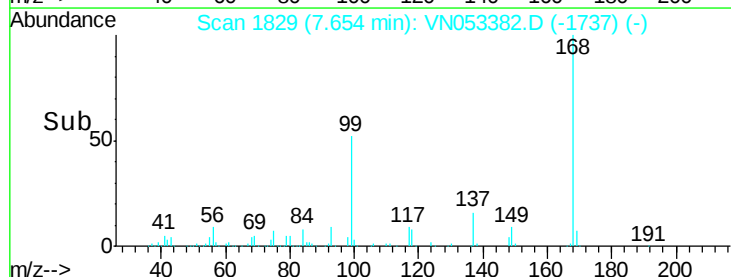
30000

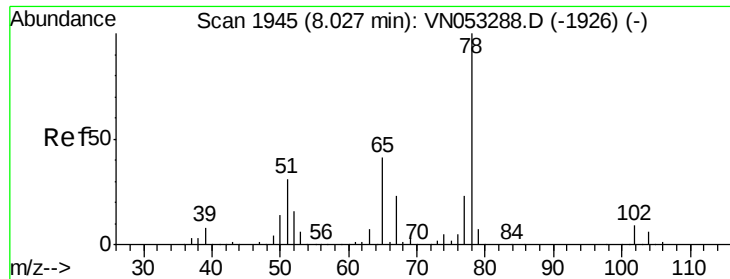
20000

10000

0

Time-->

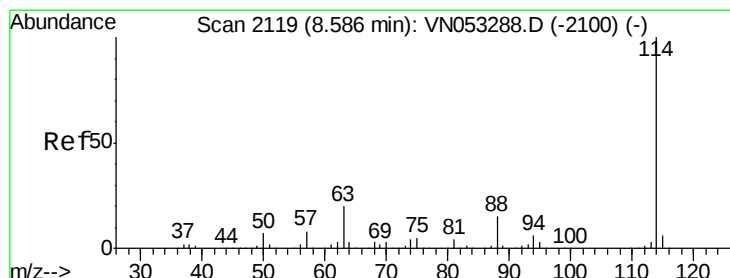
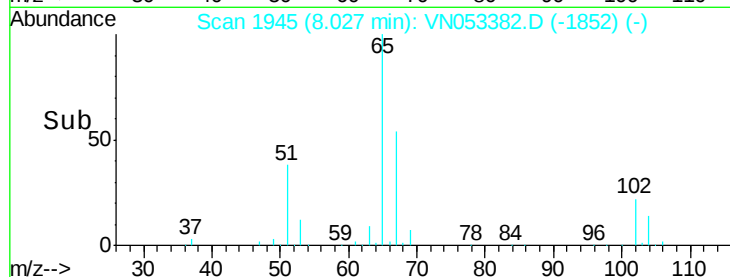
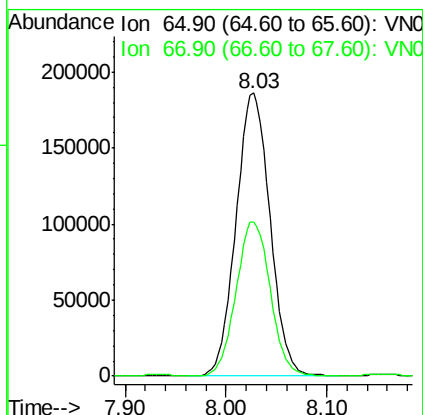
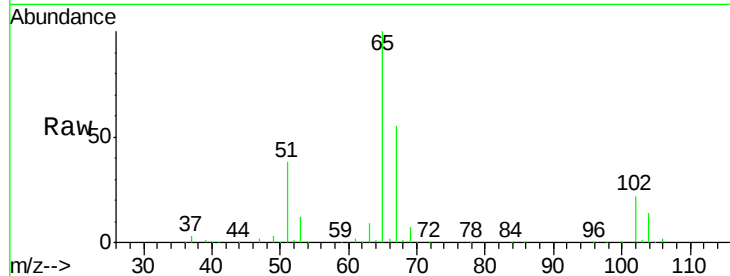




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053382.D
 Acq: 14 Jan 2019 11:04

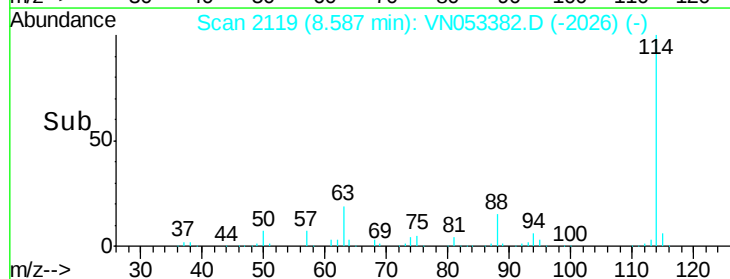
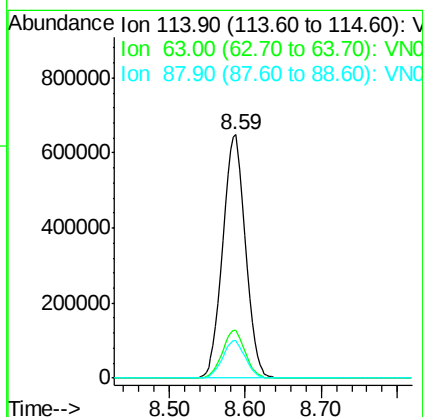
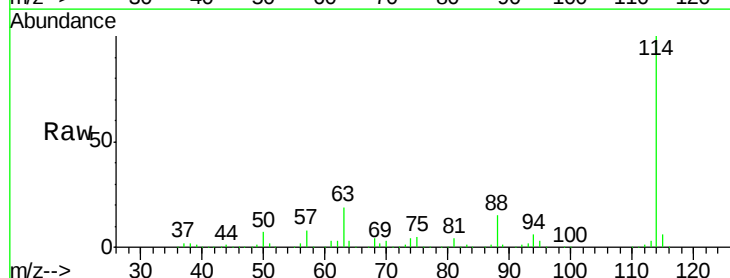
Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-18(15-20)ME

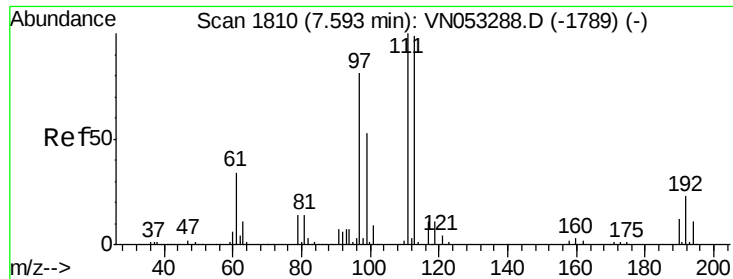
Tot Ion: 65 Resp: 435424
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053382.D
 Acq: 14 Jan 2019 11:04

Tgt Ion: 114 Resp: 1355667
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.4 0.0 30.8

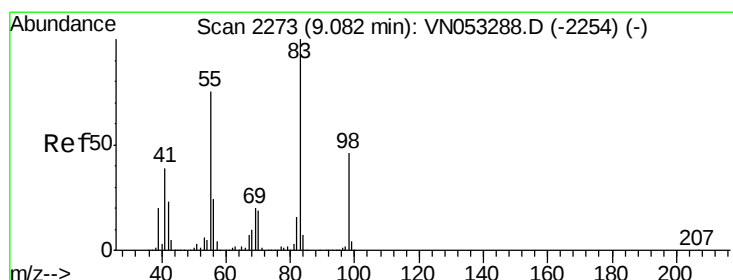
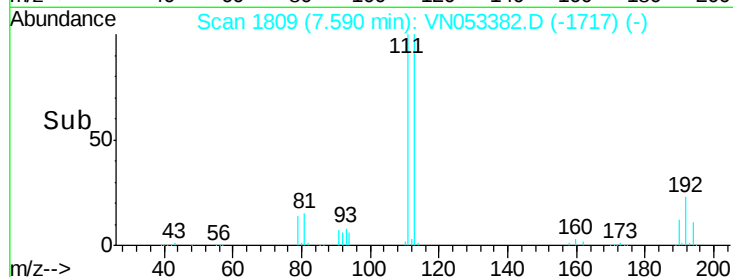
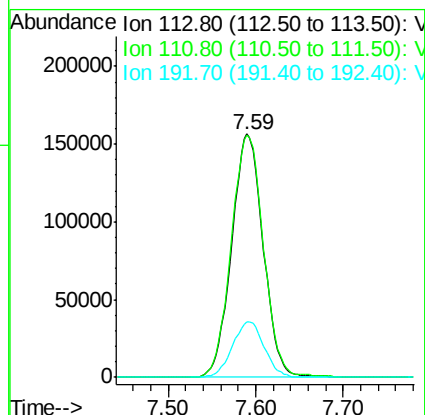
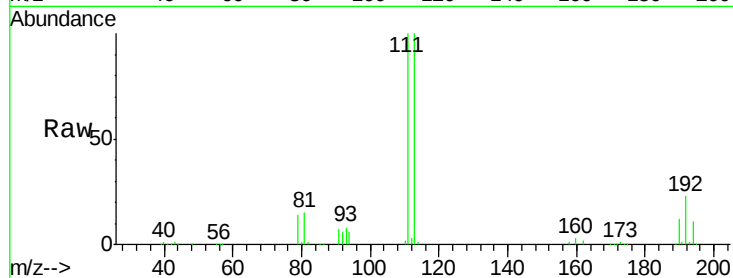




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053382.D
 Acq: 14 Jan 2019 11:04

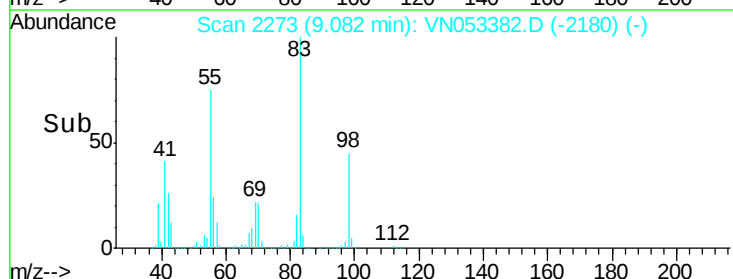
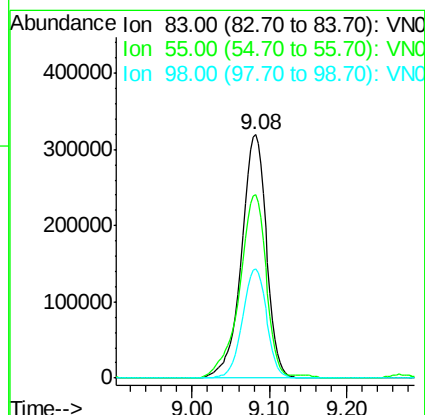
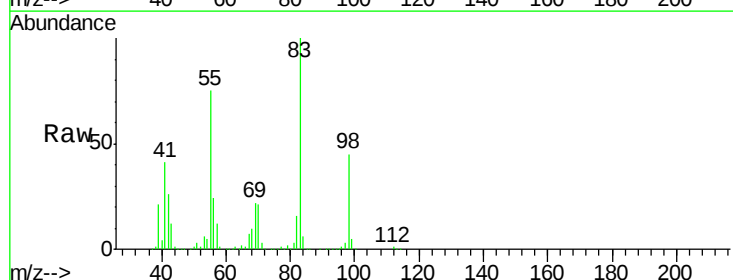
Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-18(15-20)ME

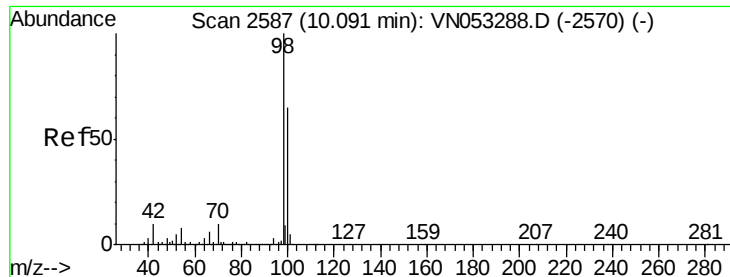
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.2
192	22.9	17.9	26.9



#39
 Methylcyclohexane
 Concen: 48.773 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN053382.D
 Acq: 14 Jan 2019 11:04

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.1	90.1
98	44.8	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: VN053382.D

Acq: 14 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

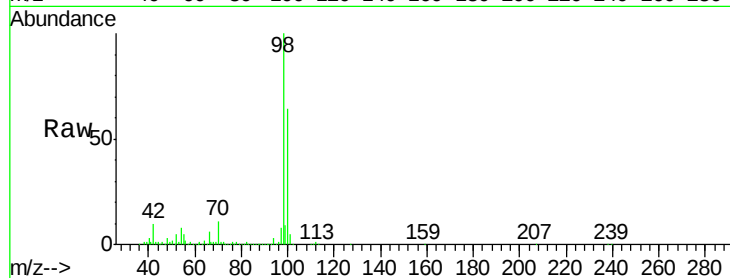
CPSB-18(15-20)ME

Tot Ion: 98 Resp: 1691683

Ion Ratio Lower Upper

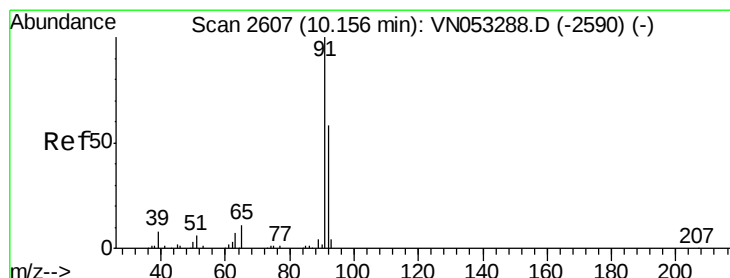
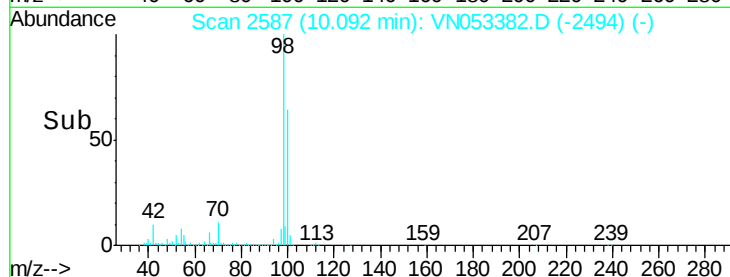
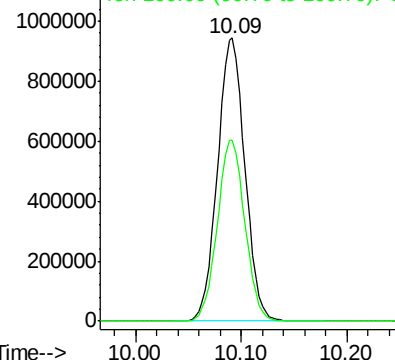
98 100

100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 1.183 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053382.D

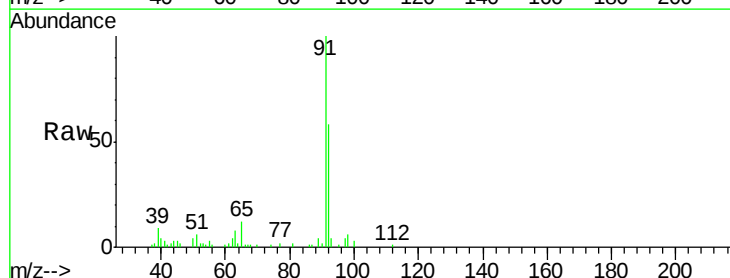
Acq: 14 Jan 2019 11:04

Tgt Ion: 92 Resp: 28065

Ion Ratio Lower Upper

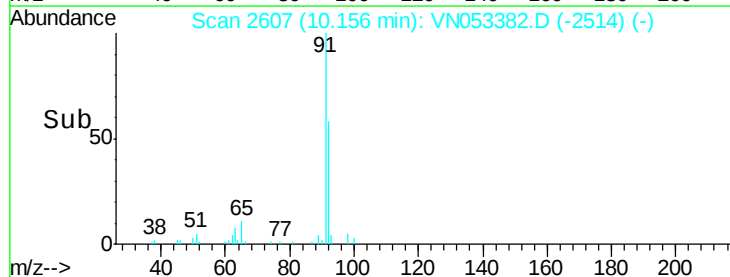
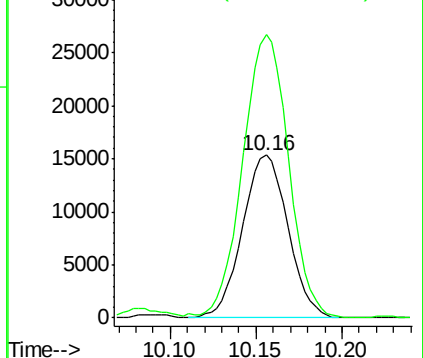
92 100

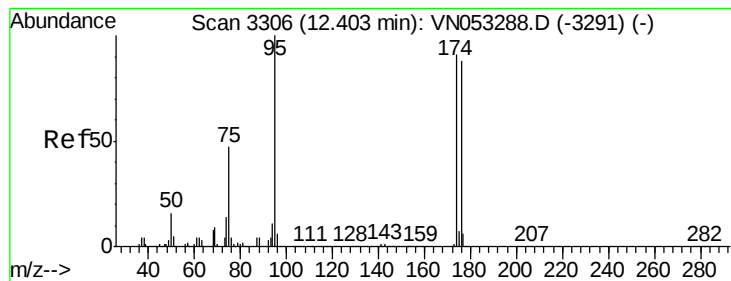
91 175.8 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053382.D

Acq: 14 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

CPSB-18(15-20)ME

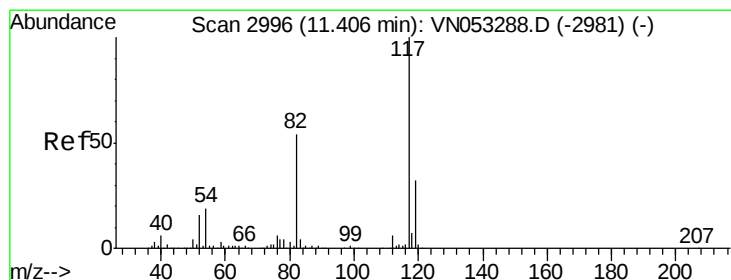
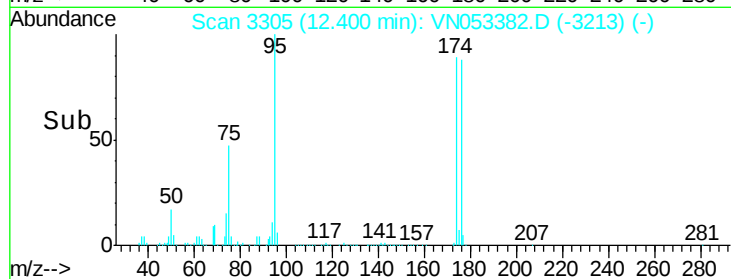
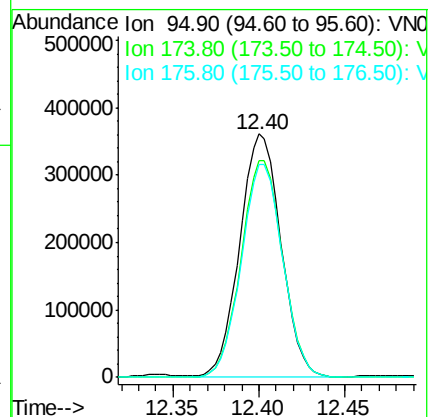
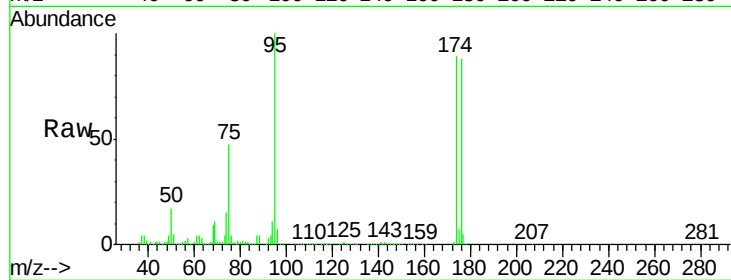
Tot Ion: 95 Resp: 596130

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.4

176 88.5 0.0 175.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053382.D

Acq: 14 Jan 2019 11:04

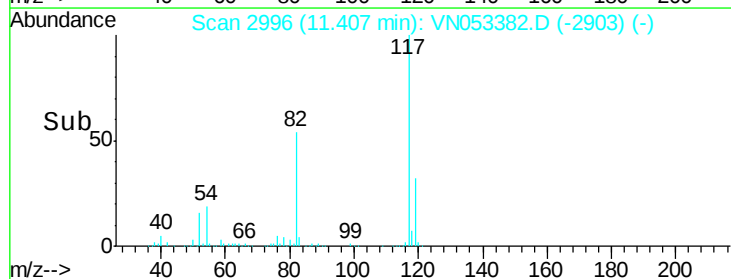
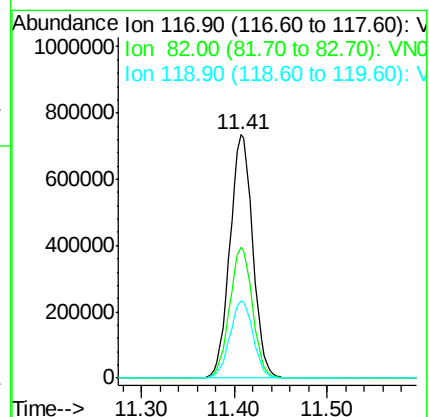
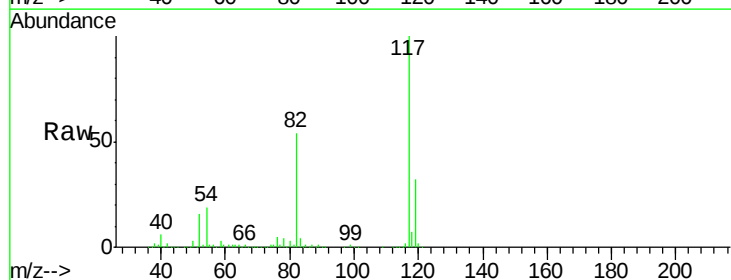
Tgt Ion: 117 Resp: 1251719

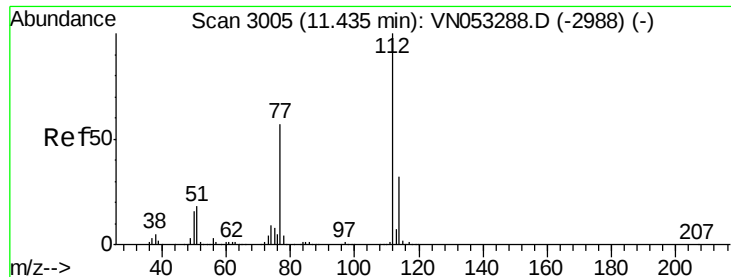
Ion Ratio Lower Upper

117 100

82 53.7 42.9 64.3

119 31.6 25.6 38.4





#65

Chlorobenzene

Concen: 1.193 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN053382.D

Acq: 14 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

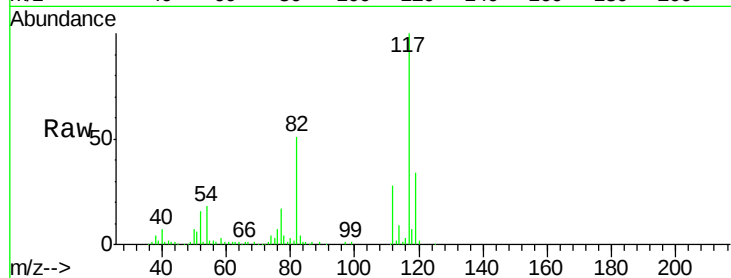
CPSB-18(15-20)ME

Tot Ion:112 Resp: 32443

Ion Ratio Lower Upper

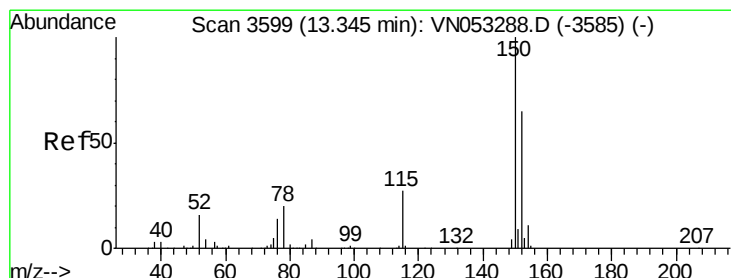
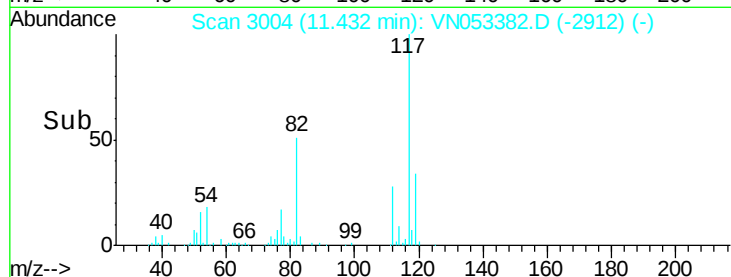
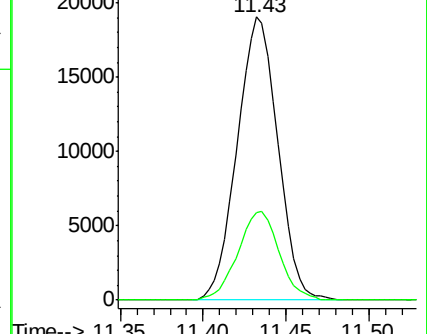
112 100

114 31.1 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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053382.D

Acq: 14 Jan 2019 11:04

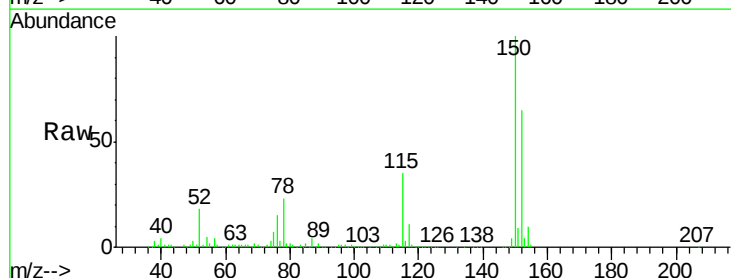
Tgt Ion:152 Resp: 588266

Ion Ratio Lower Upper

152 100

115 55.2 28.0 84.0

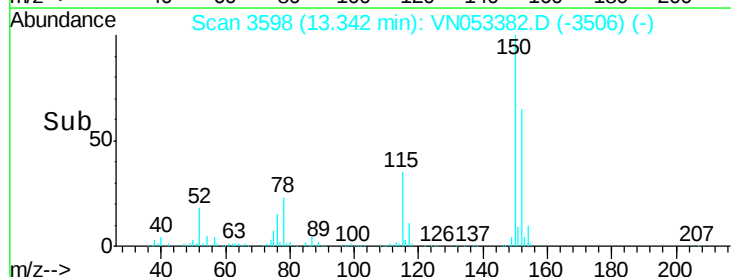
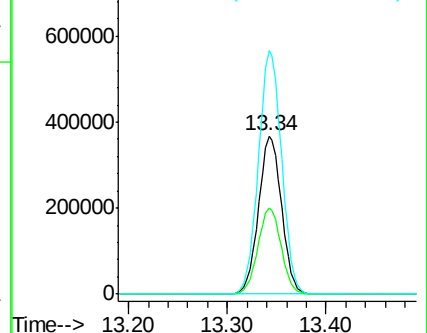
150 155.3 0.0 346.6

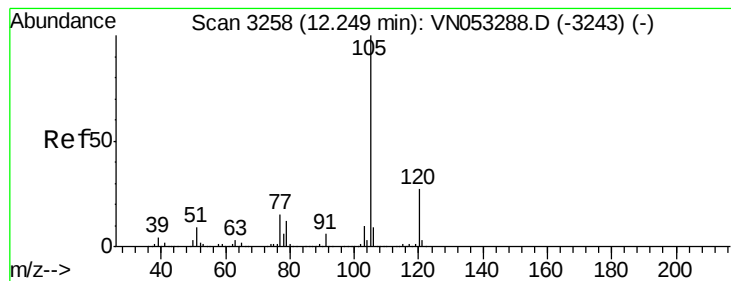


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.493 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053382.D

Acq: 14 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

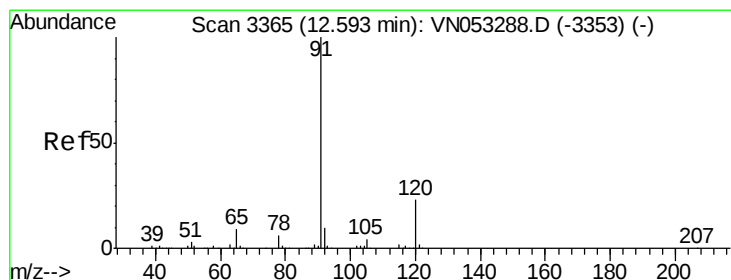
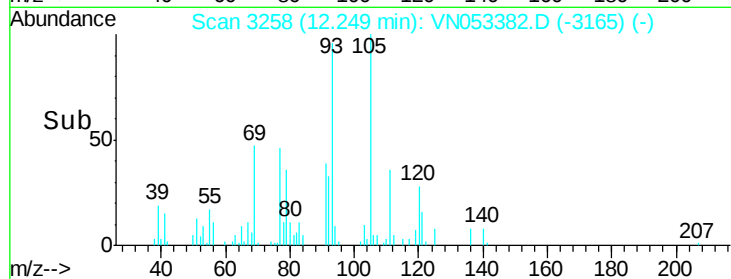
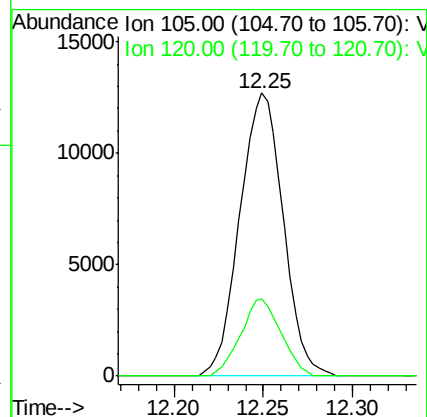
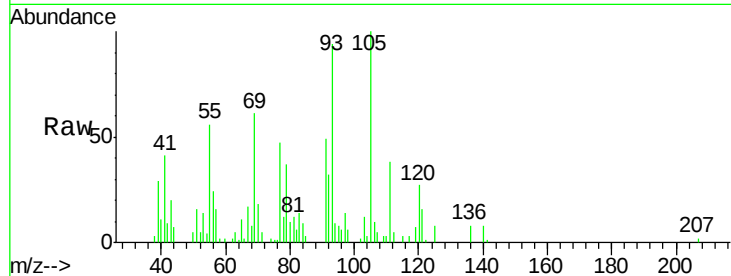
CPSB-18(15-20)ME

Tot Ion:105 Resp: 21596

Ion Ratio Lower Upper

105 100

120 25.3 13.4 40.2



#78

n-propylbenzene

Concen: 0.904 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053382.D

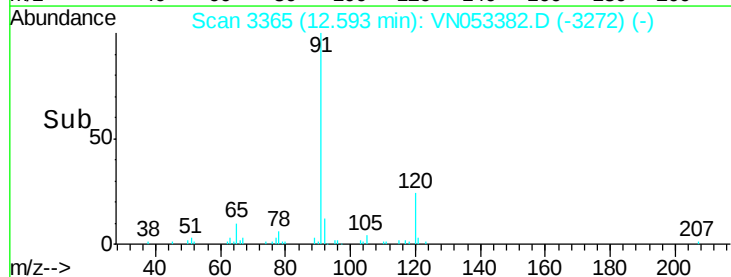
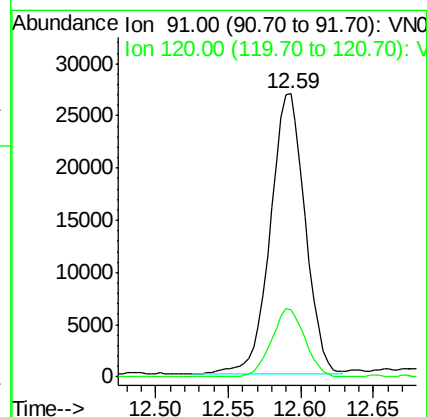
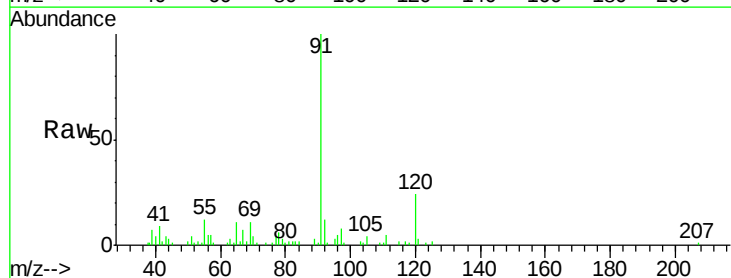
Acq: 14 Jan 2019 11:04

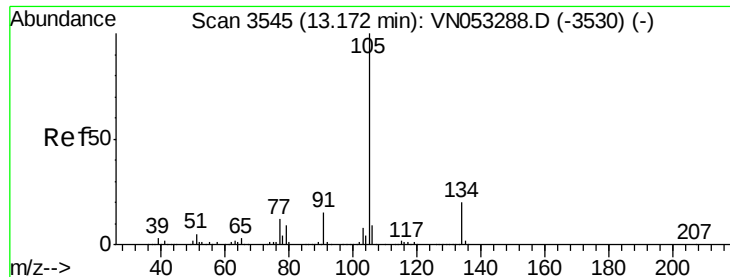
Tgt Ion: 91 Resp: 44780

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5





#85

sec-Butylbenzene

Concen: 1.428 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053382.D

Acq: 14 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

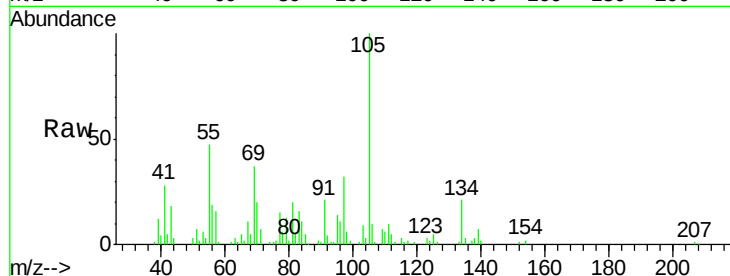
CPSB-18(15-20)ME

Tot Ion:105 Resp: 58278

Ion Ratio Lower Upper

105 100

134 28.7 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

40000

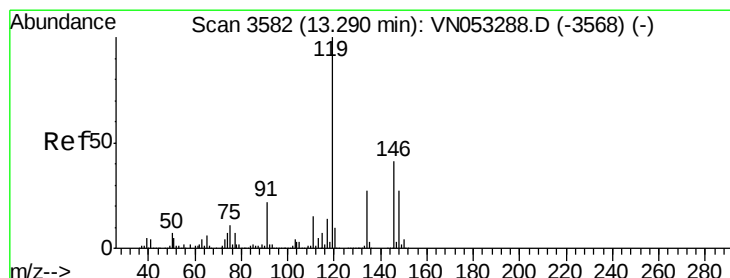
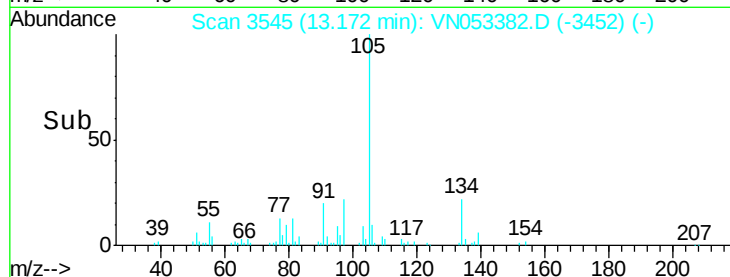
30000

20000

10000

0

Time--> 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 0.226 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053382.D

Acq: 14 Jan 2019 11:04

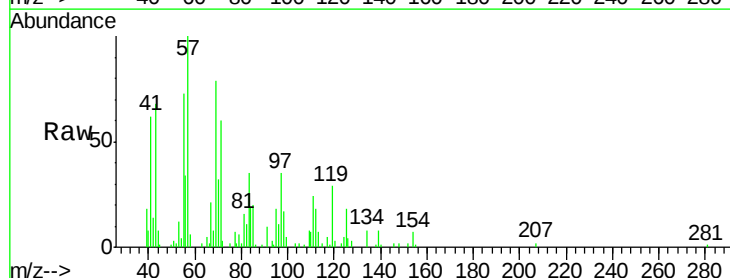
Tgt Ion:119 Resp: 8001

Ion Ratio Lower Upper

119 100

134 28.6 13.4 40.1

91 16.5 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

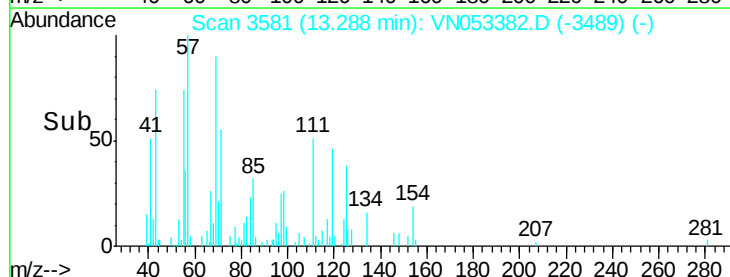
6000

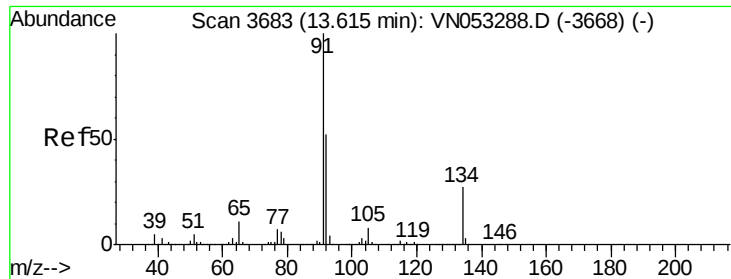
4000

2000

0

Time--> 13.25 13.30 13.35





#89

n-Butylbenzene

Concen: 1.110 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN053382.D

Acq: 14 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

CPSB-18(15-20)ME

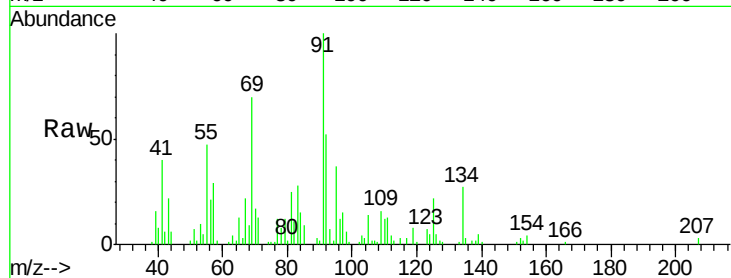
Tot Ion: 91 Resp: 32877

Ion Ratio Lower Upper

91 100

92 48.8 26.3 78.8

134 44.4 13.5 40.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

