

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051084.D
 Acq On : 10 Sep 2018 17:48
 Operator : MD\SY
 Sample : J4693-14DL 100X
 Misc : 6.44g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)DL

Quant Time: Sep 11 06:28:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	660769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	984605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	926888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	403406	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	385588	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
35) Dibromofluoromethane	7.59	113	379607	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.09	98	1399660	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.40	95	475906	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

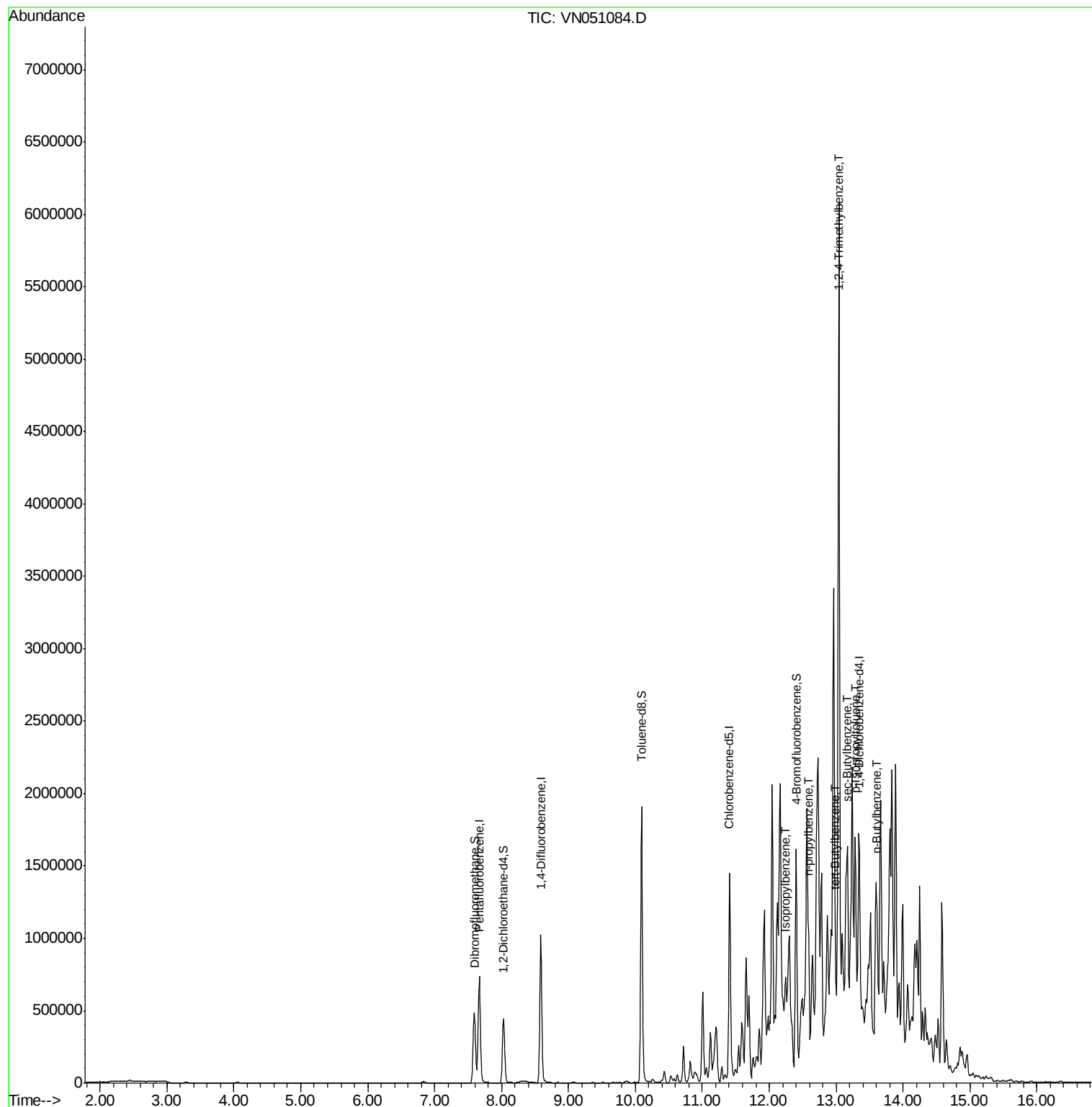
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
73) Isopropylbenzene	12.25	105	158602	4.69	ug/l	100
78) n-propylbenzene	12.59	91	609787	16.40	ug/l	98
83) tert-Butylbenzene	12.99	119	68063	2.82	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	3123669	116.15	ug/l	100
85) sec-Butylbenzene	13.17	105	541150	17.47	ug/l #	76
86) p-Isopropyltoluene	13.29	119	457159	17.41	ug/l	100
89) n-Butylbenzene	13.61	91	441412	21.60	ug/l #	77

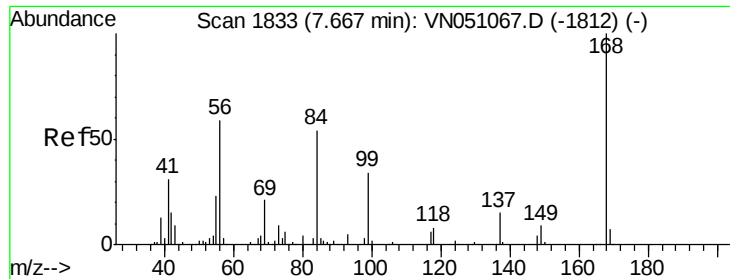
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
Data File : VN051084.D
Acq On : 10 Sep 2018 17:48
Operator : MD\SY
Sample : J4693-14DL 100X
Misc : 6.44g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(7-10)DL

Quant Time: Sep 11 06:28:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051084.D

Acq: 10 Sep 2018 17:48

Instrument :

MSVOA_N

ClientSampleId :

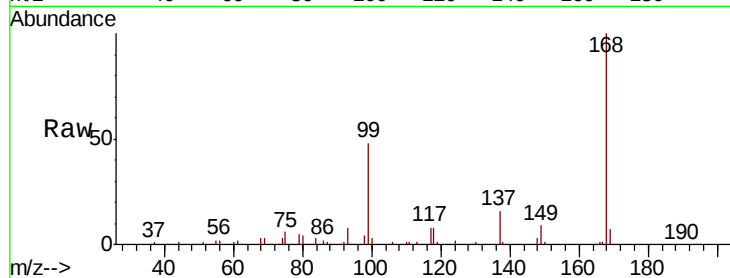
EP1-MW-D(7-10)DL

Tot Ion:168 Resp: 660769

Ion Ratio Lower Upper

168 100

99 48.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

150000

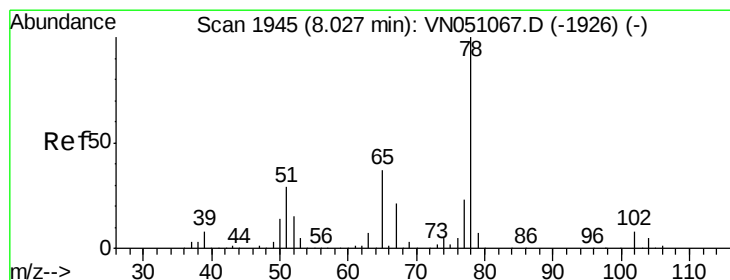
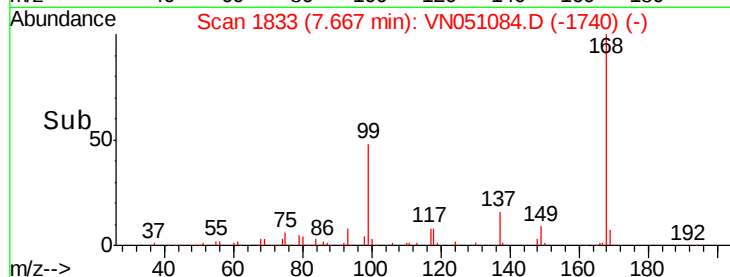
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 52.44 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051084.D

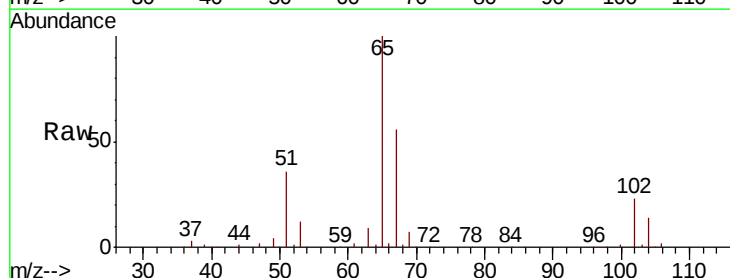
Acq: 10 Sep 2018 17:48

Tgt Ion: 65 Resp: 385588

Ion Ratio Lower Upper

65 100

67 54.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

150000

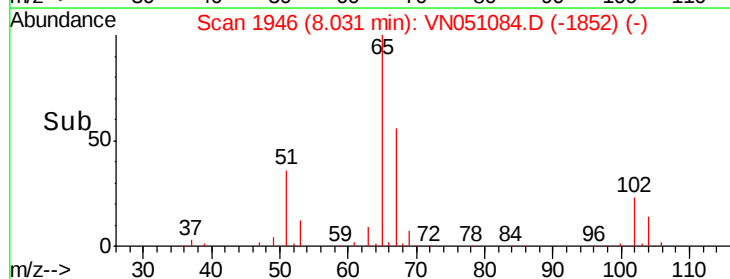
100000

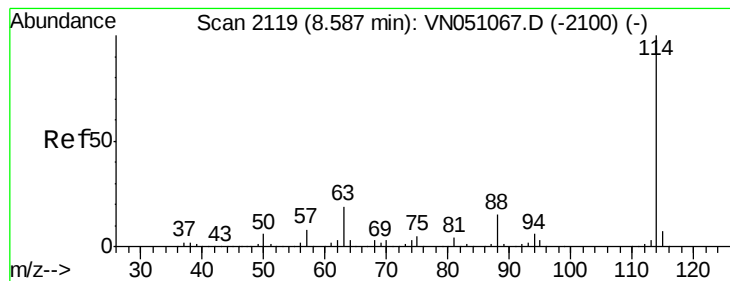
50000

0

Time-->

7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051084.D

Acq: 10 Sep 2018 17:48

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(7-10)DL

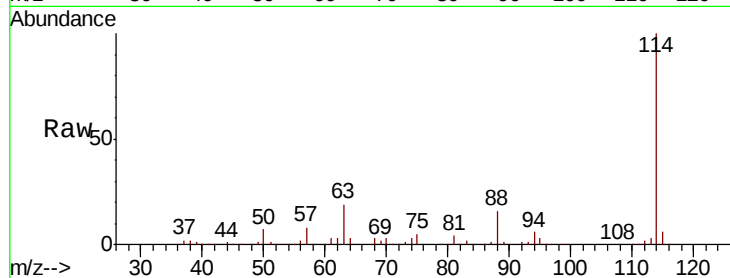
Tot Ion:114 Resp: 984605

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.8

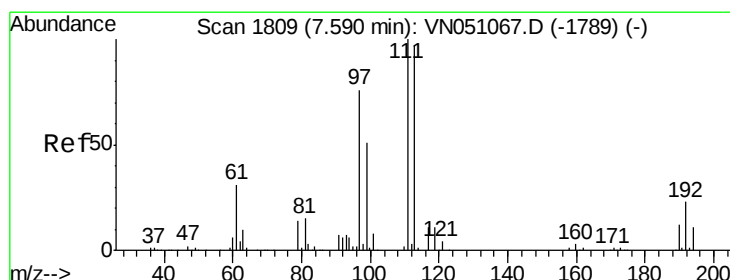
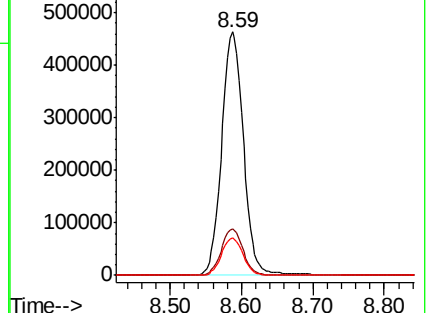
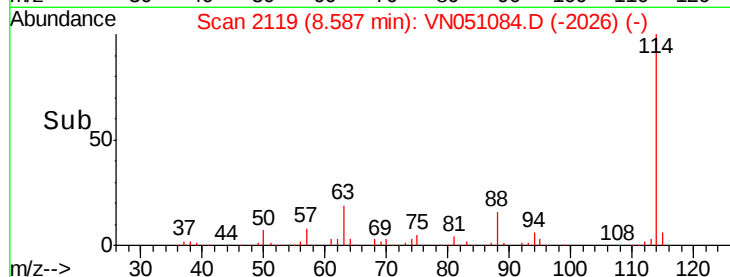
88 15.6 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.31 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051084.D

Acq: 10 Sep 2018 17:48

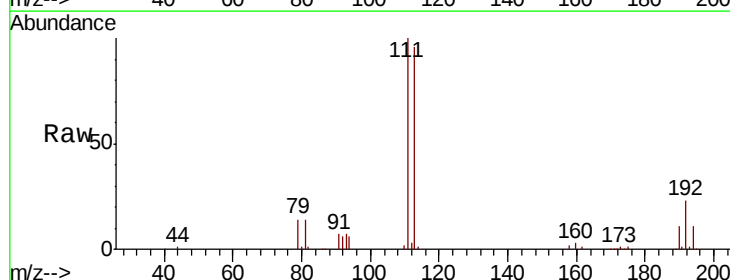
Tgt Ion:113 Resp: 379607

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.6

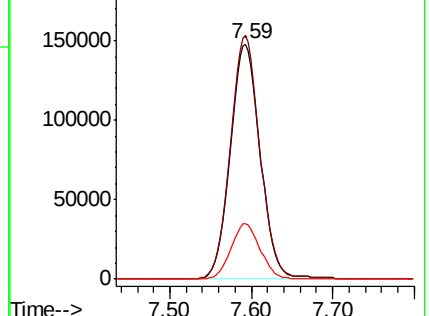
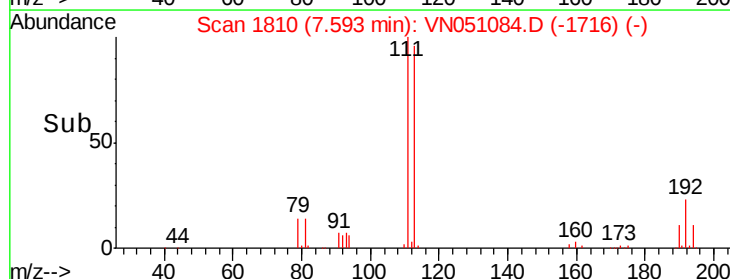
192 23.0 18.7 28.1

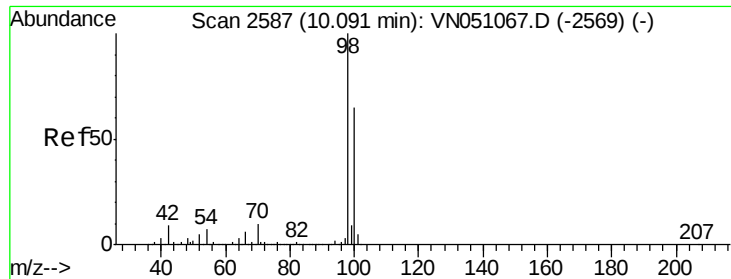


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.85 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051084.D

Acq: 10 Sep 2018 17:48

Instrument :

MSVOA_N

ClientSampleId :

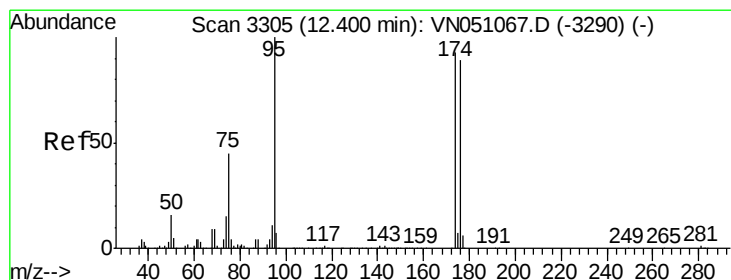
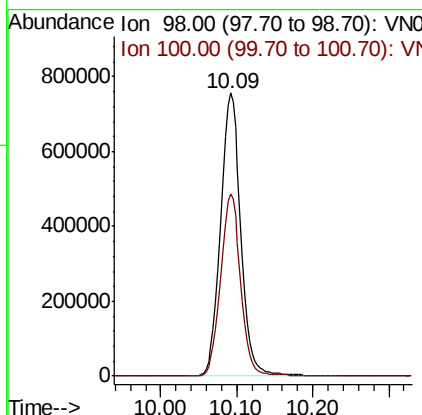
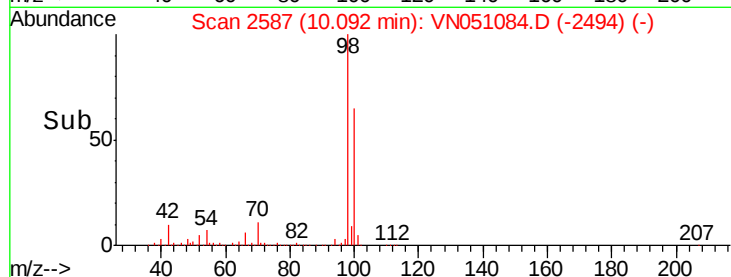
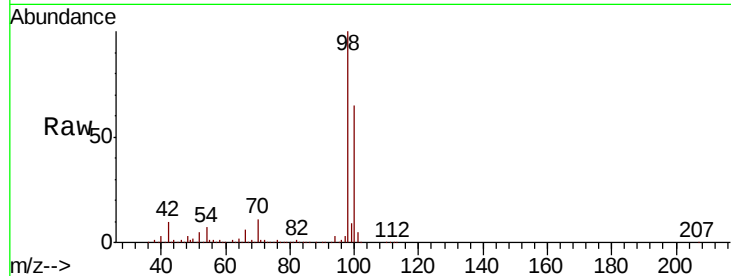
EP1-MW-D(7-10)DL

Tot Ion: 98 Resp: 1399660

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.25 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051084.D

Acq: 10 Sep 2018 17:48

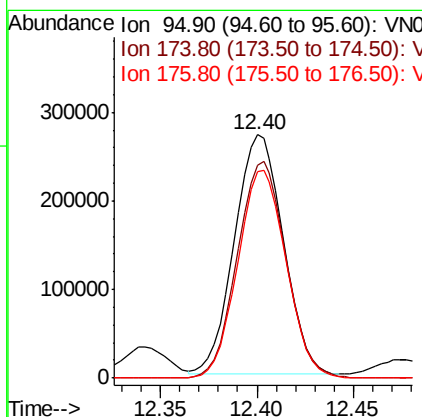
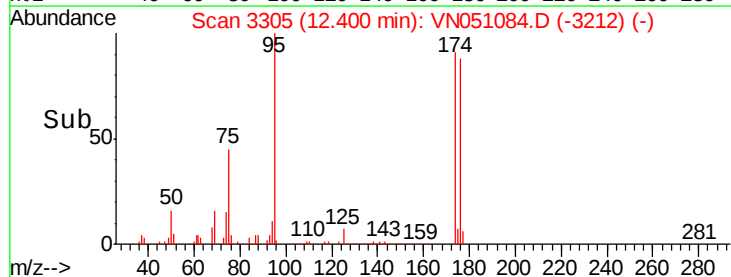
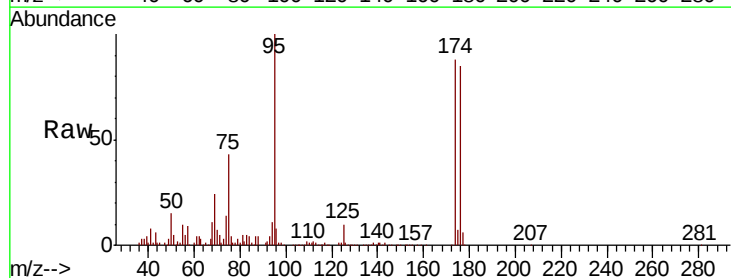
Tgt Ion: 95 Resp: 475906

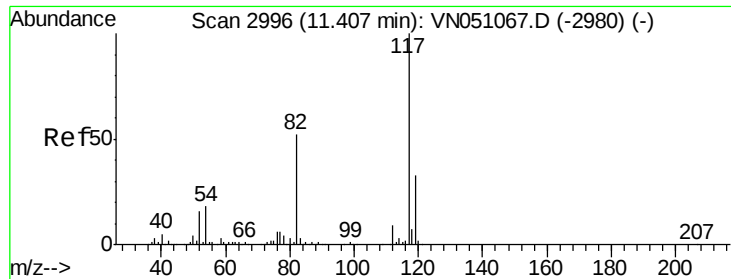
Ion Ratio Lower Upper

95 100

174 90.3 0.0 184.8

176 86.3 0.0 178.6

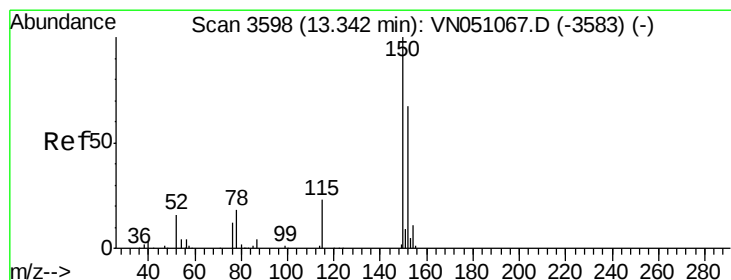
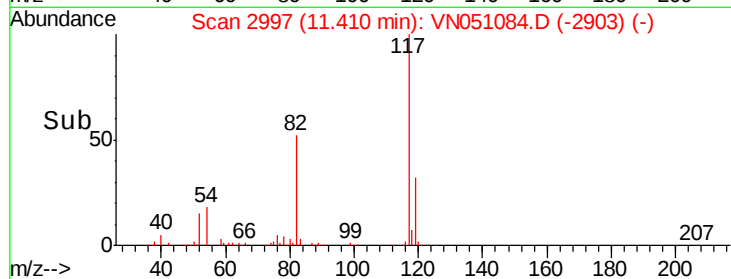
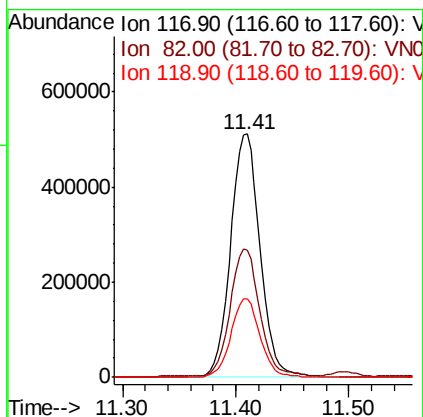
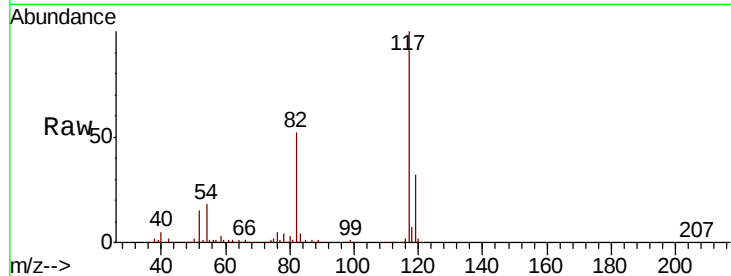




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051084.D
Acq: 10 Sep 2018 17:48

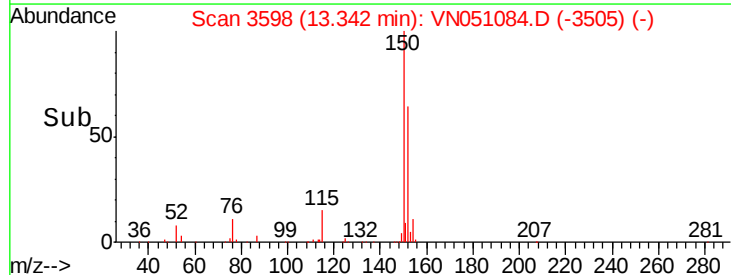
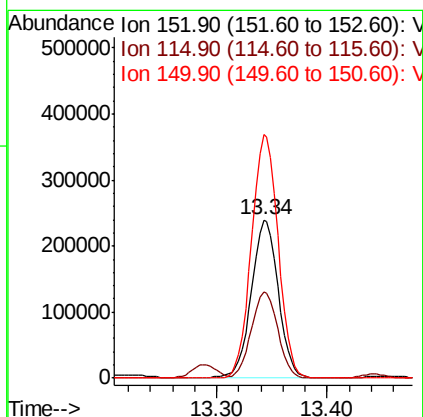
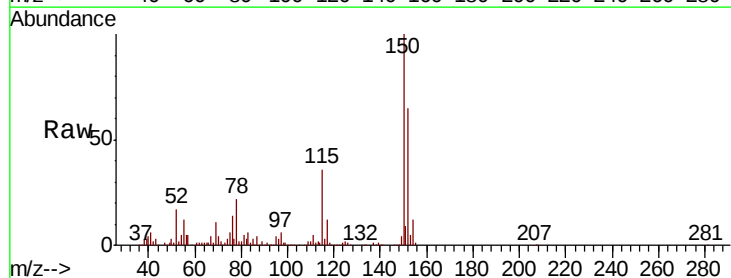
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(7-10)DL

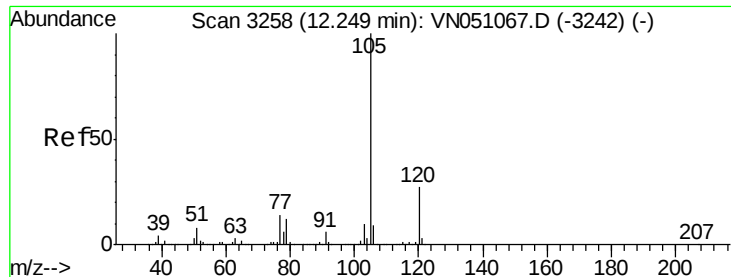
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.8	62.6
119	32.2	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051084.D
Acq: 10 Sep 2018 17:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	28.2	84.7
150	153.2	0.0	349.0





#73

Isopropylbenzene

Concen: 4.69 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051084.D

Acq: 10 Sep 2018 17:48

Instrument :

MSVOA_N

ClientSampleId :

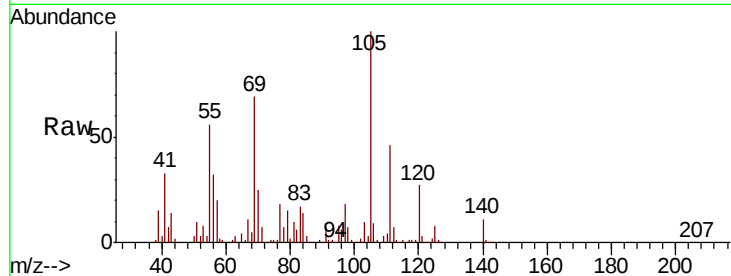
EP1-MW-D(7-10)DL

Tot Ion:105 Resp: 158602

Ion Ratio Lower Upper

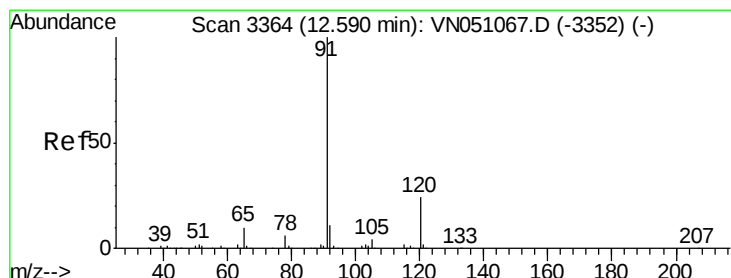
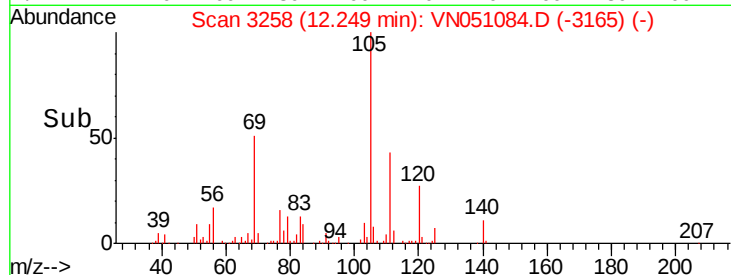
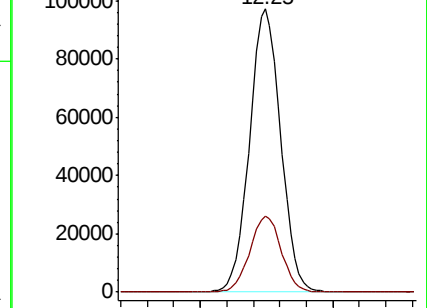
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 16.40 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051084.D

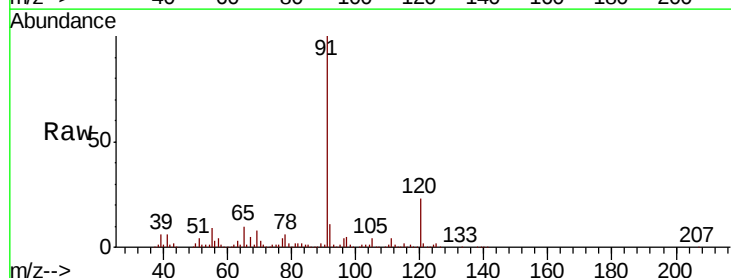
Acq: 10 Sep 2018 17:48

Tgt Ion: 91 Resp: 609787

Ion Ratio Lower Upper

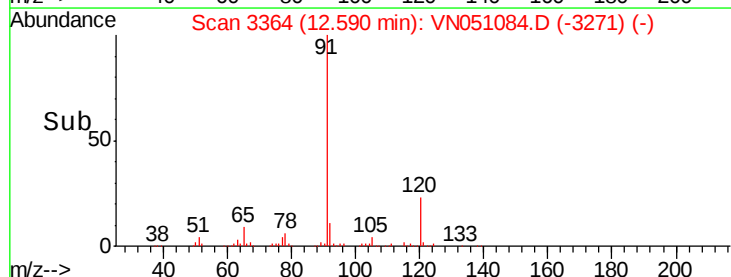
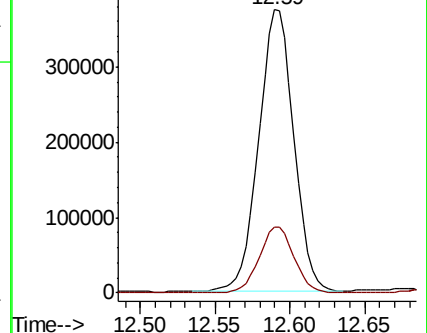
91 100

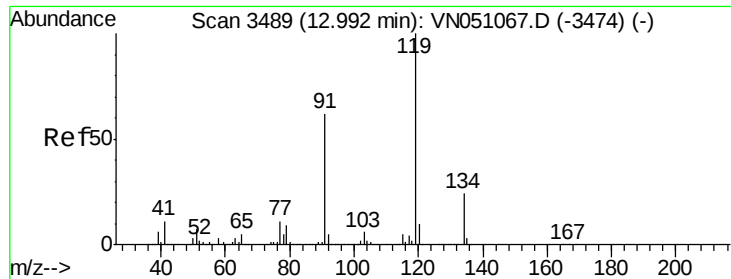
120 23.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

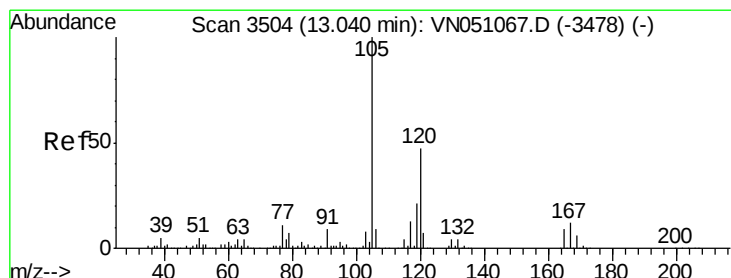
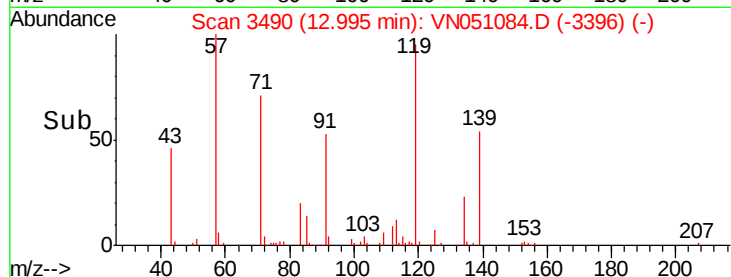
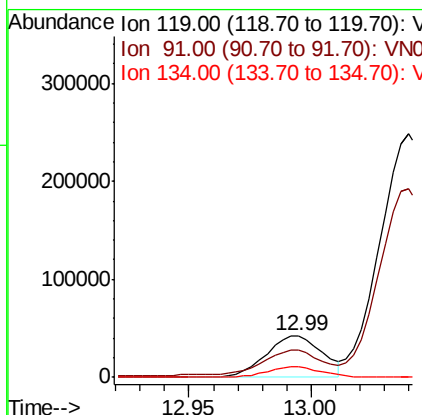
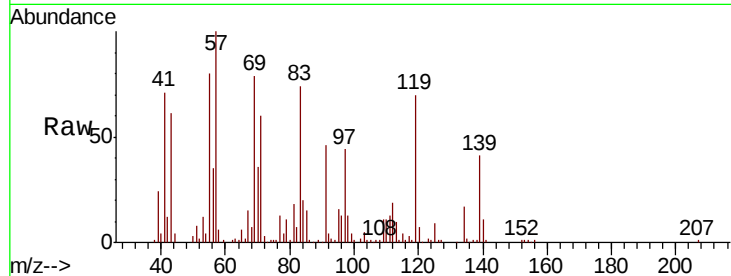




#83
 tert-Butylbenzene
 Concen: 2.82 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051084.D
 Acq: 10 Sep 2018 17:48

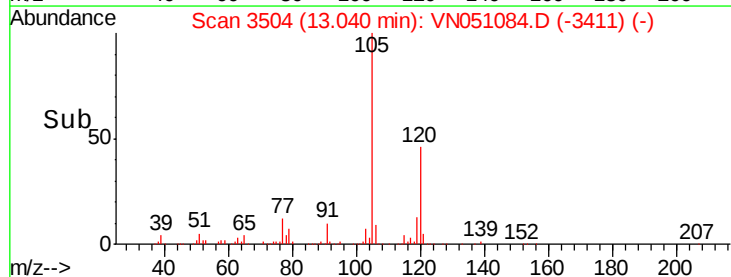
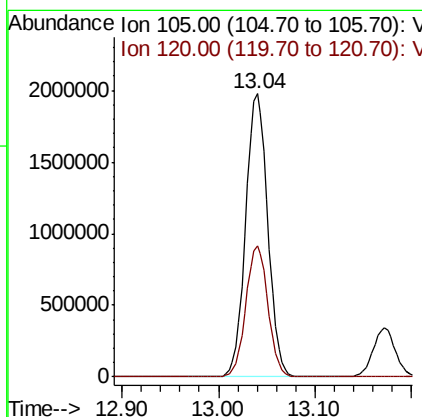
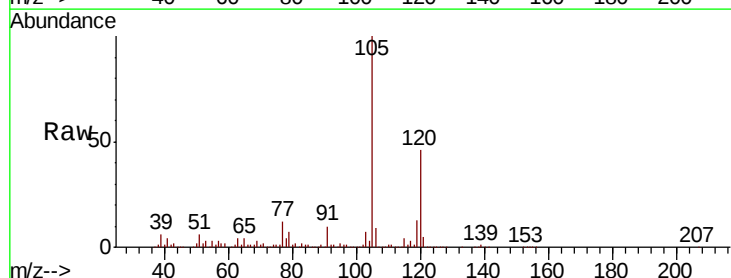
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)DL

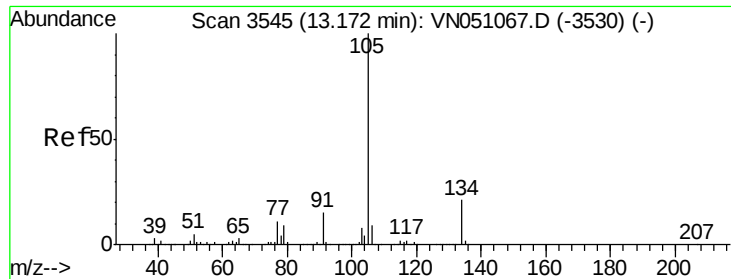
Tot Ion:119 Resp: 68063
 Ion Ratio Lower Upper
 119 100
 91 68.2 30.8 92.3
 134 24.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 116.15 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051084.D
 Acq: 10 Sep 2018 17:48

Tgt Ion:105 Resp: 3123669
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.3 69.8





#85

sec-Butylbenzene

Concen: 17.47 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051084.D

Acq: 10 Sep 2018 17:48

Instrument :

MSVOA_N

ClientSampleId :

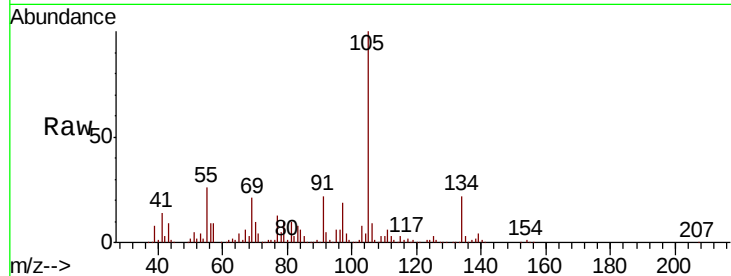
EP1-MW-D(7-10)DL

Tot Ion:105 Resp: 541150

Ion Ratio Lower Upper

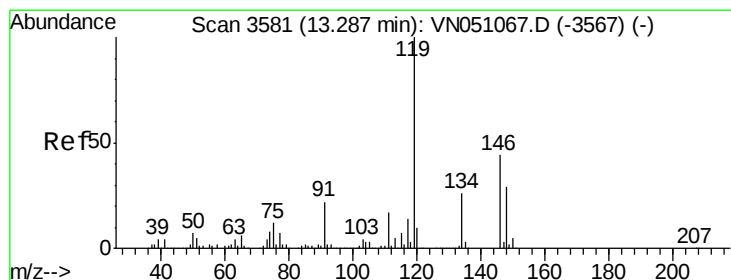
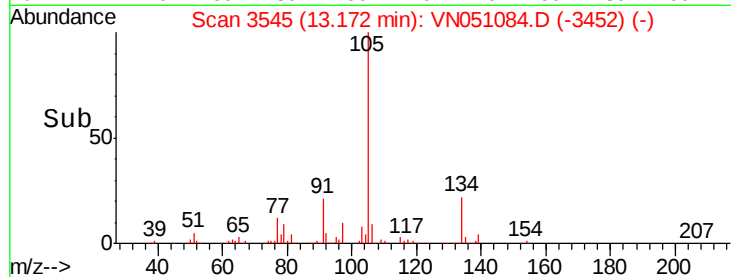
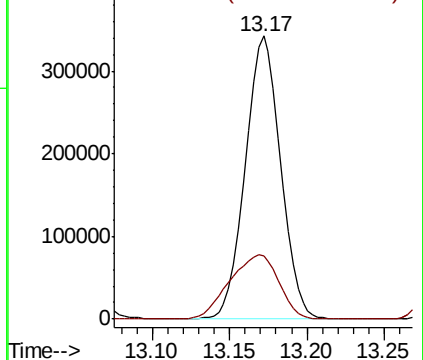
105 100

134 32.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.41 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051084.D

Acq: 10 Sep 2018 17:48

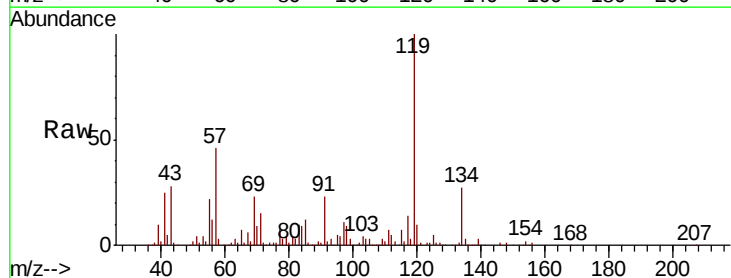
Tgt Ion:119 Resp: 457159

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

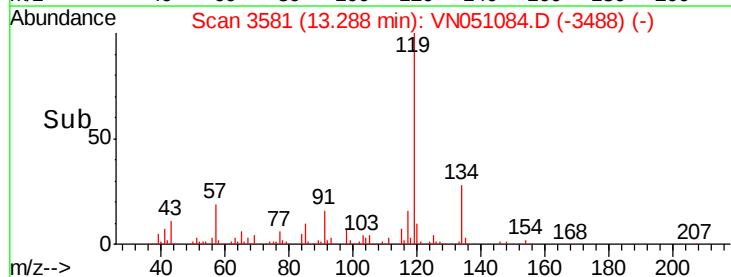
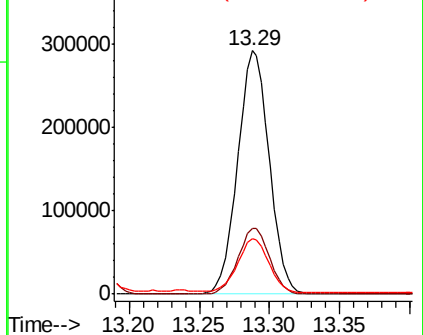
91 21.7 10.9 32.9

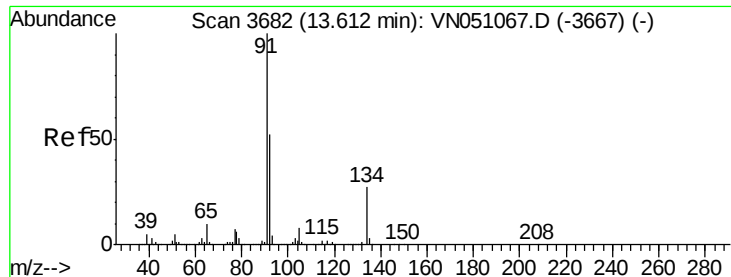


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 21.60 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN051084.D

Acq: 10 Sep 2018 17:48

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(7-10)DL

Tot Ion: 91 Resp: 441412

Ion Ratio Lower Upper

91 100

92 47.1 26.2 78.6

134 0.0 13.7 41.1#

