

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059365.D
 Acq On : 22 Nov 2019 15:25
 Operator : JC/SP
 Sample : K5957-10DL 50X
 Misc : 5.69g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-(16-18)DL

Quant Time: Nov 22 16:50:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

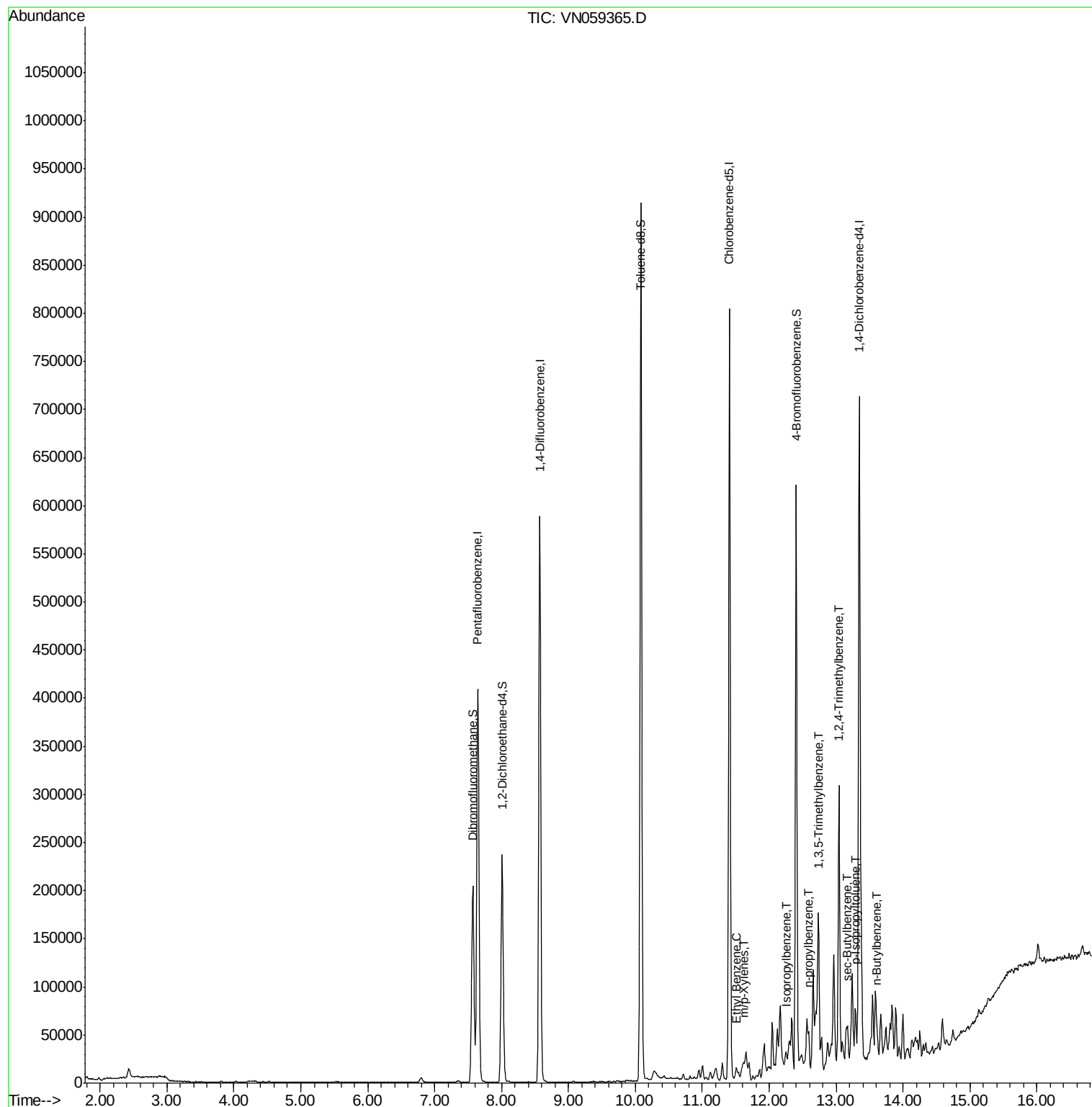
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	350701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	539040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	476889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	193705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	200855	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	7.57	113	161500	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.08	98	649575	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	217691	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
Target Compounds						
67) Ethyl Benzene	11.51	91	8410	0.459	ug/l	95
68) m/p-Xylenes	11.62	106	5624	0.827	ug/l	93
73) Isopropylbenzene	12.25	105	11252	0.709	ug/l	95
78) n-propylbenzene	12.59	91	33438	1.860	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	58345	4.374	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	165333	12.653	ug/l	100
85) sec-Butylbenzene	13.17	105	18024	1.190	ug/l #	72
86) p-Isopropyltoluene	13.29	119	15884	1.179	ug/l	98
89) n-Butylbenzene	13.62	91	13790	1.167	ug/l #	75

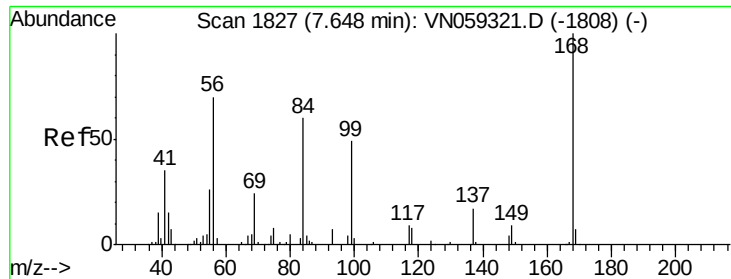
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
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MW-4-(16-18)DL

Quant Time: Nov 22 16:50:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

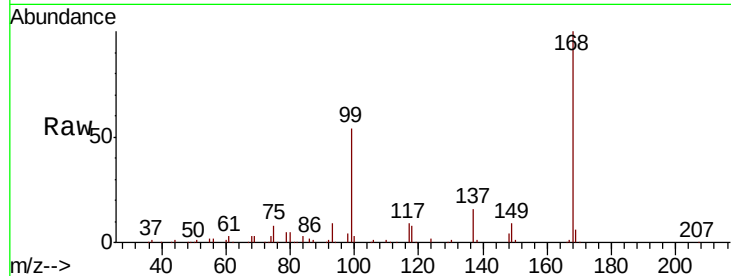
MW-4-(16-18)DL

Tot Ion:168 Resp: 350701

Ion Ratio Lower Upper

168 100

99 54.2 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

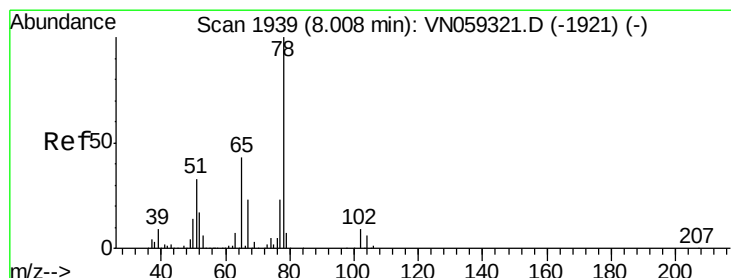
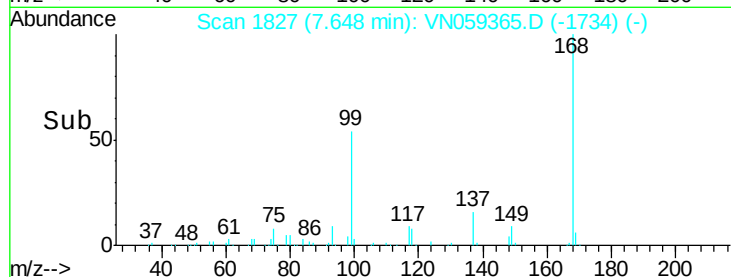
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 47.734 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059365.D

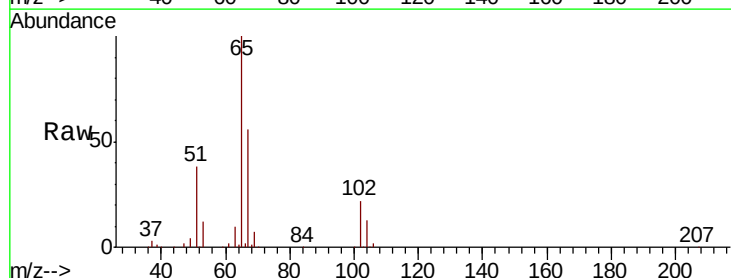
Acq: 22 Nov 2019 15:25

Tgt Ion: 65 Resp: 200855

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

100000

80000

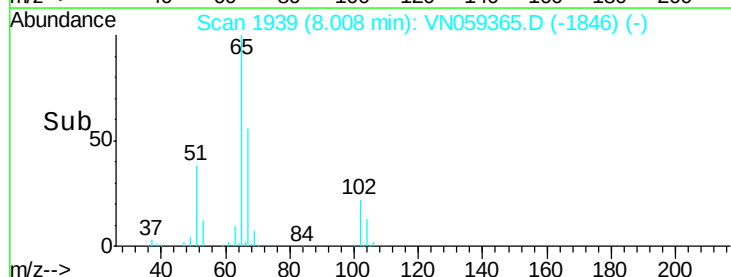
60000

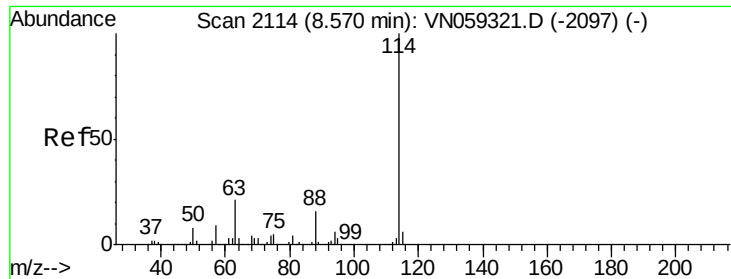
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10

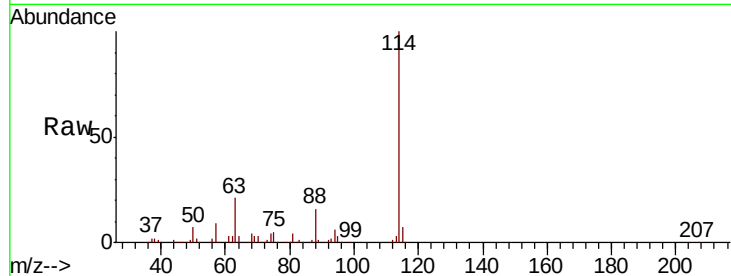




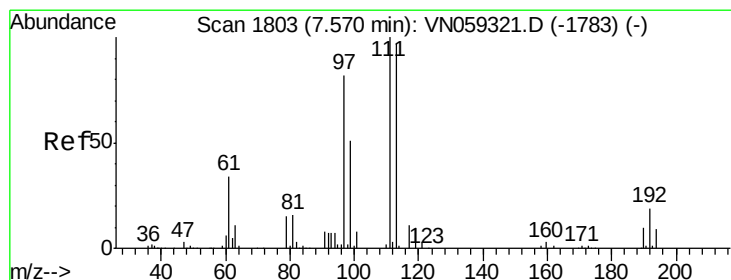
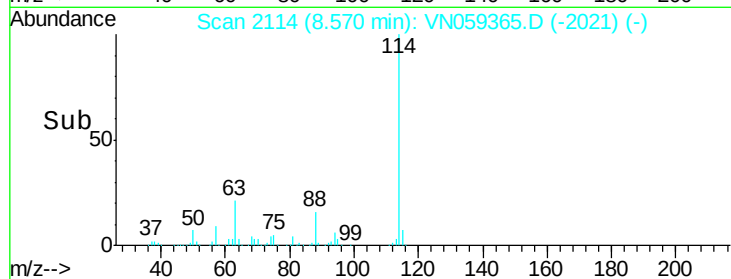
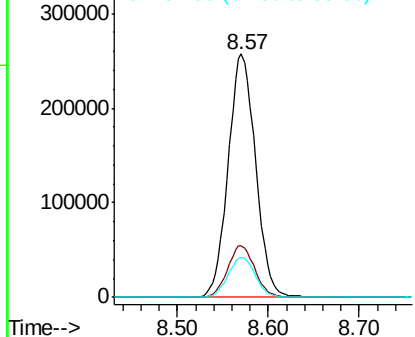
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059365.D
 Acq: 22 Nov 2019 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-(16-18)DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.2
88	16.5	0.0	32.2

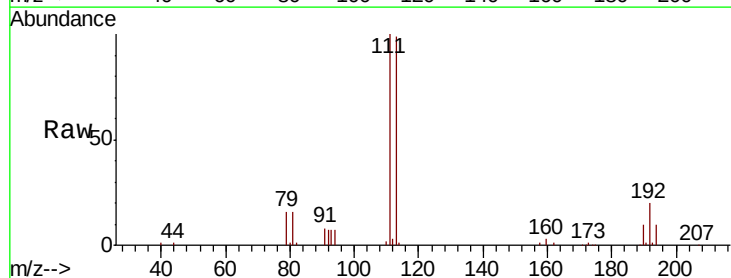


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

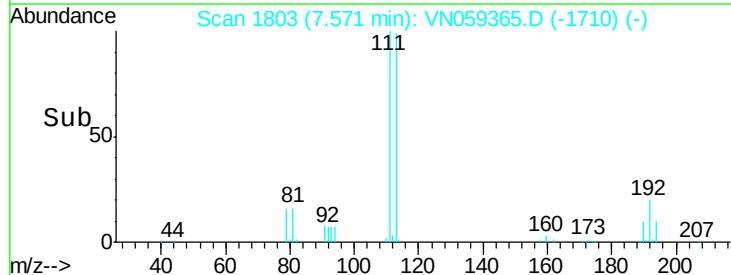
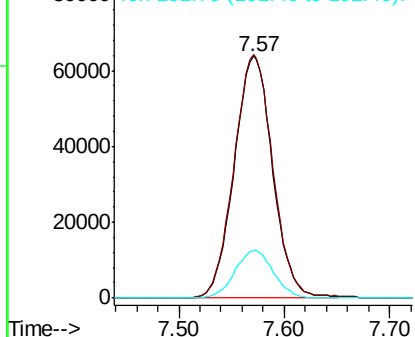


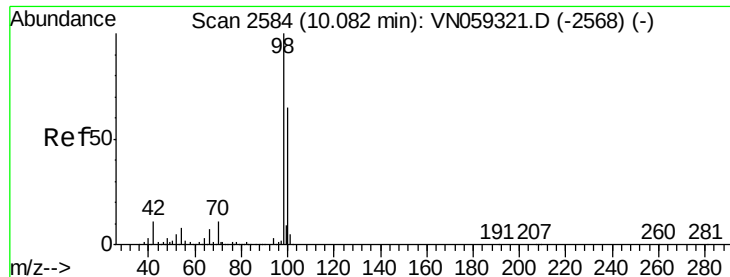
#35
 Dibromofluoromethane
 Concen: 49.939 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059365.D
 Acq: 22 Nov 2019 15:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.7	124.1
192	19.8	16.3	24.5



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: 50.526 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

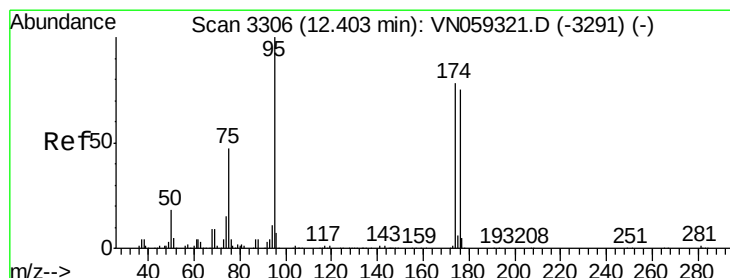
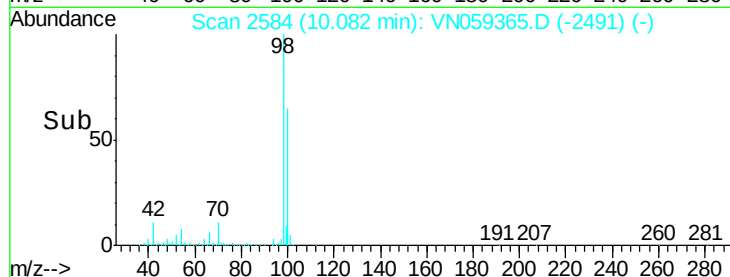
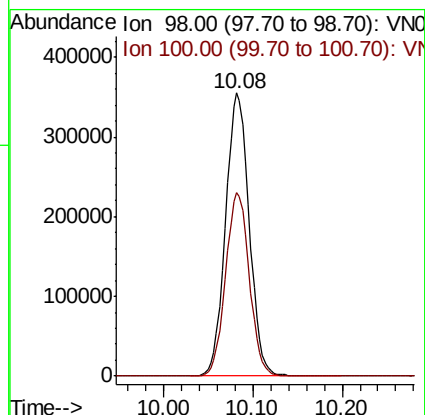
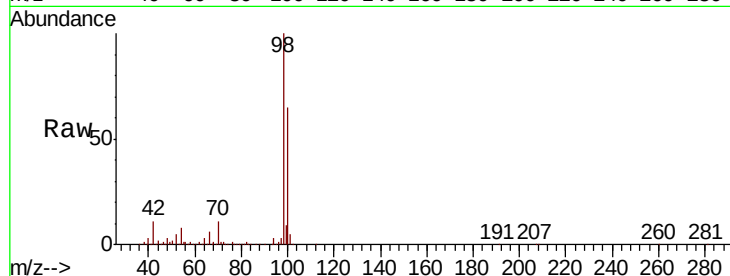
MW-4-(16-18)DL

Tot Ion: 98 Resp: 649575

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 48.427 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

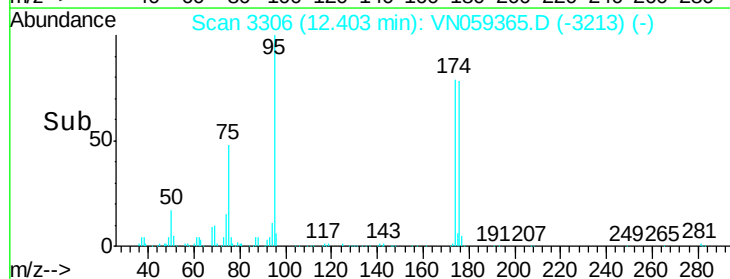
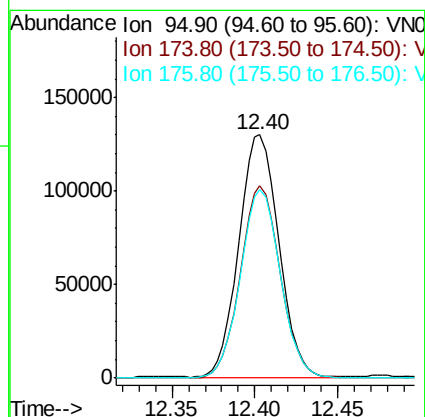
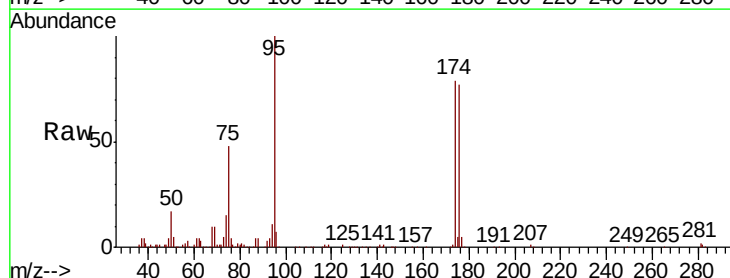
Tgt Ion: 95 Resp: 217691

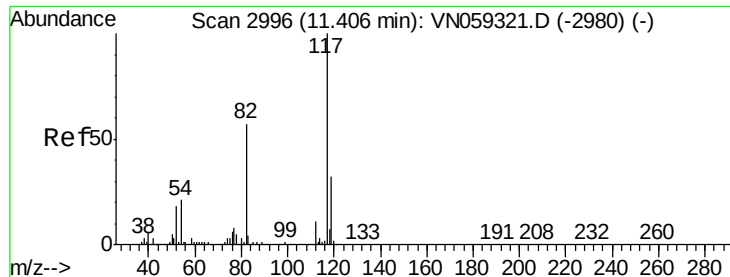
Ion Ratio Lower Upper

95 100

174 79.2 0.0 157.4

176 77.8 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampled :

MW-4-(16-18)DL

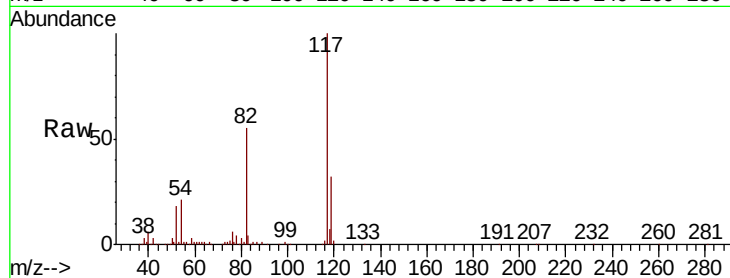
Tot Ion:117 Resp: 476889

Ion Ratio Lower Upper

117 100

82 55.4 45.7 68.5

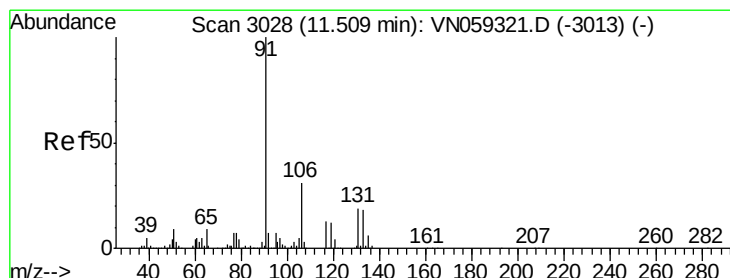
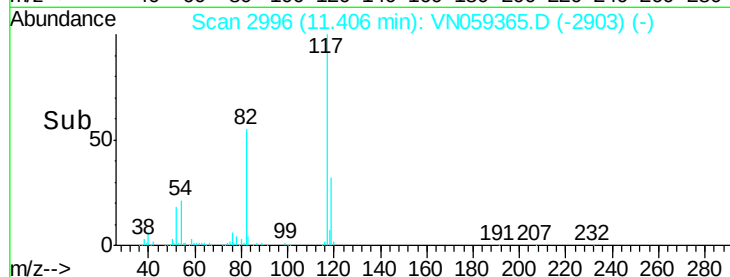
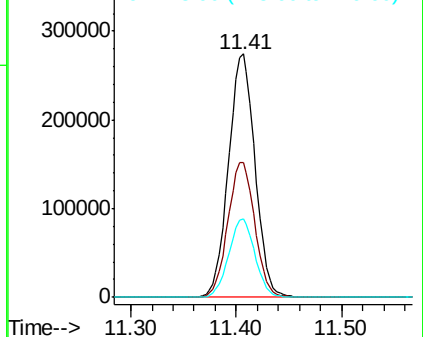
119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VNO

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 0.459 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059365.D

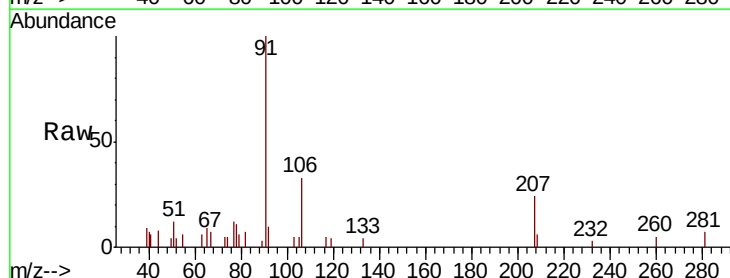
Acq: 22 Nov 2019 15:25

Tgt Ion: 91 Resp: 8410

Ion Ratio Lower Upper

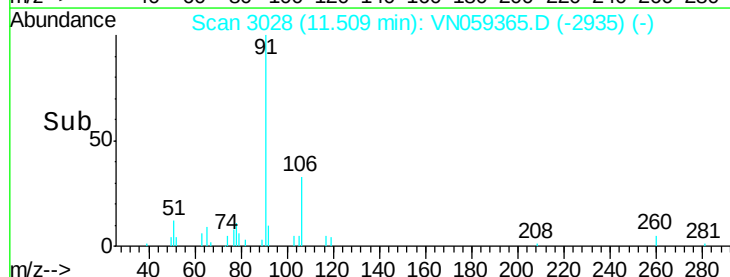
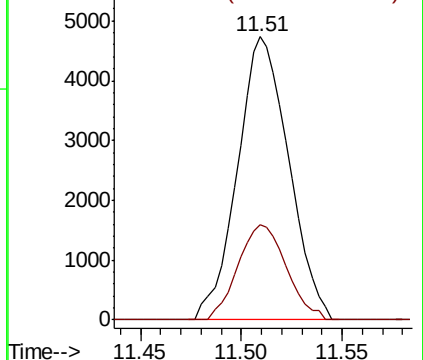
91 100

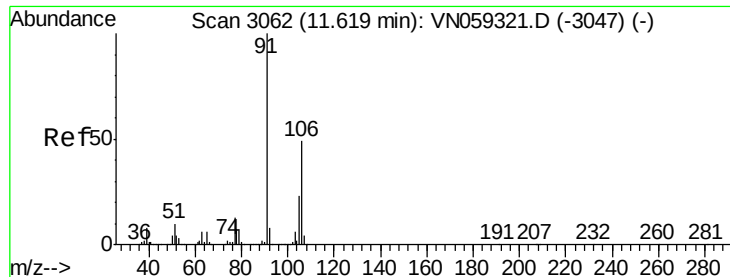
106 33.5 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 0.827 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

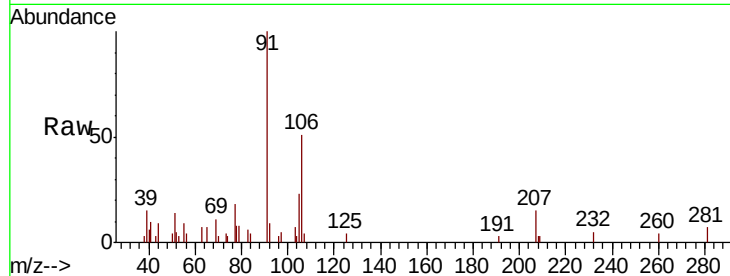
MW-4-(16-18)DL

Tot Ion:106 Resp: 5624

Ion Ratio Lower Upper

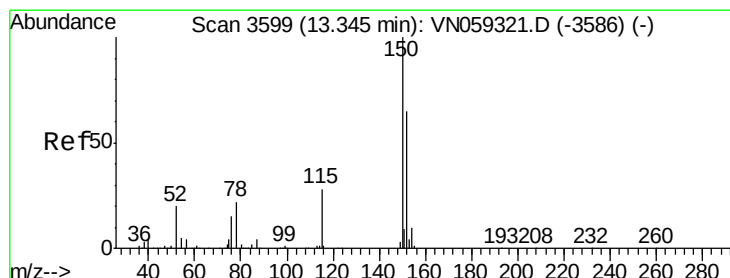
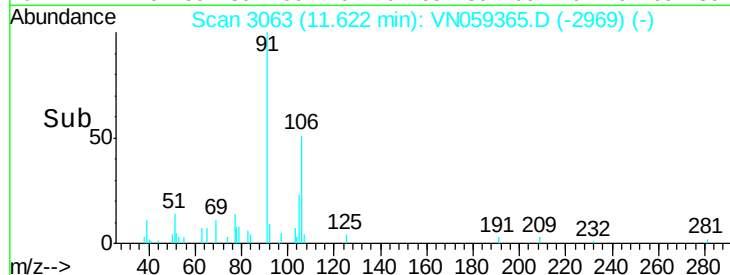
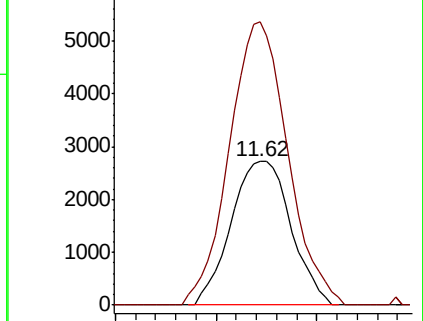
106 100

91 192.7 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): 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: VN059365.D

Acq: 22 Nov 2019 15:25

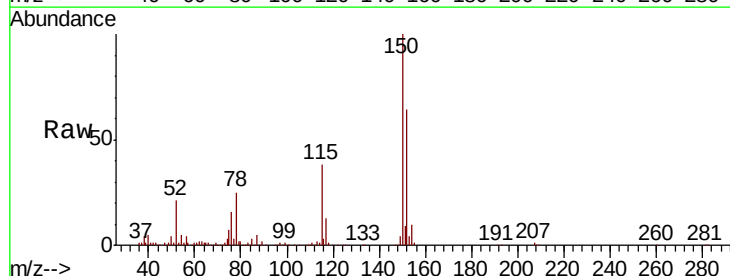
Tgt Ion:152 Resp: 193705

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

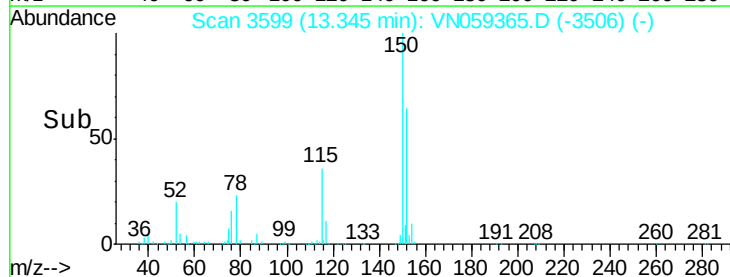
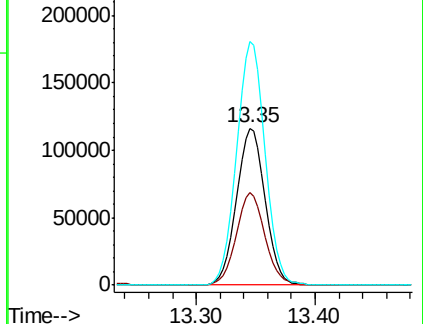
150 154.8 0.0 346.0

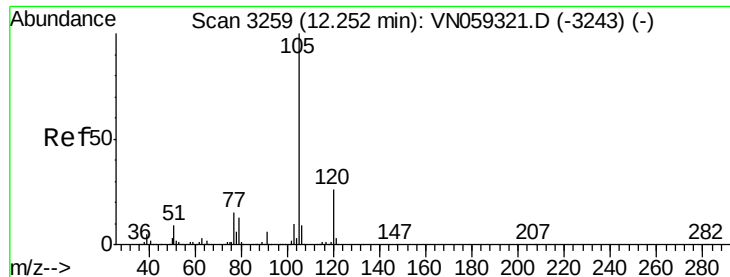


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.709 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

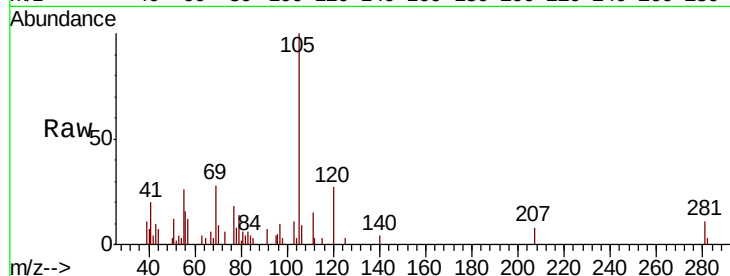
MW-4-(16-18)DL

Tot Ion: 105 Resp: 11252

Ion Ratio Lower Upper

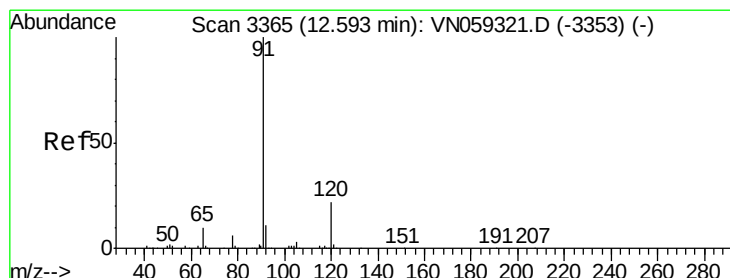
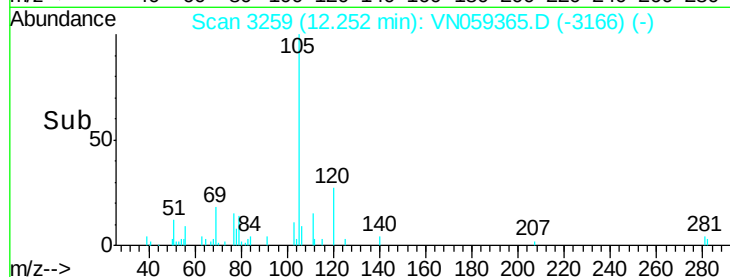
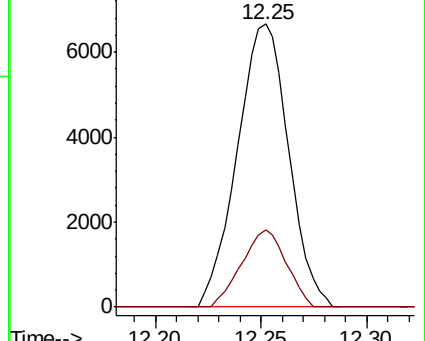
105 100

120 23.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.860 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059365.D

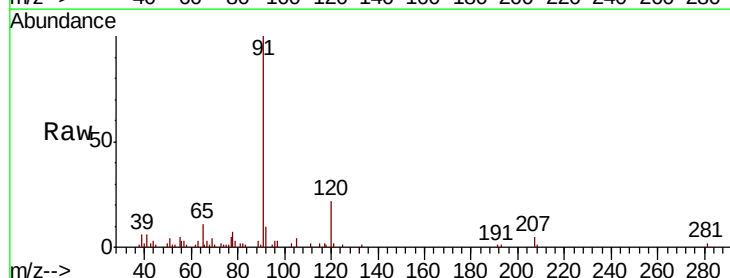
Acq: 22 Nov 2019 15:25

Tgt Ion: 91 Resp: 33438

Ion Ratio Lower Upper

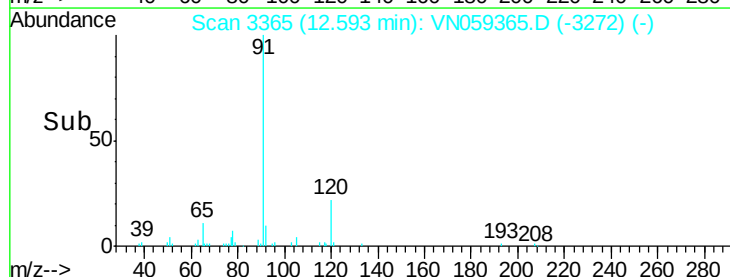
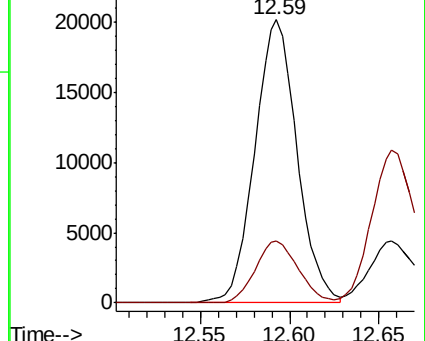
91 100

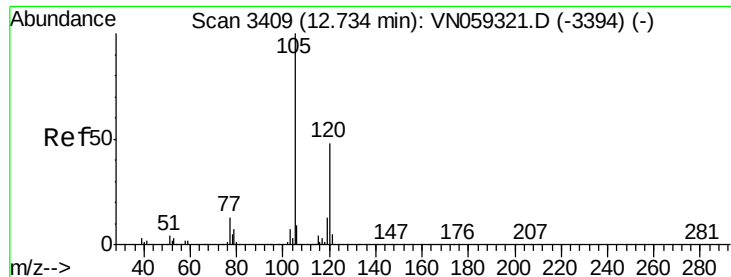
120 22.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 4.374 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

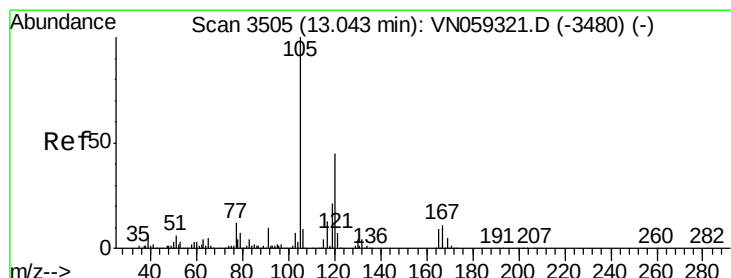
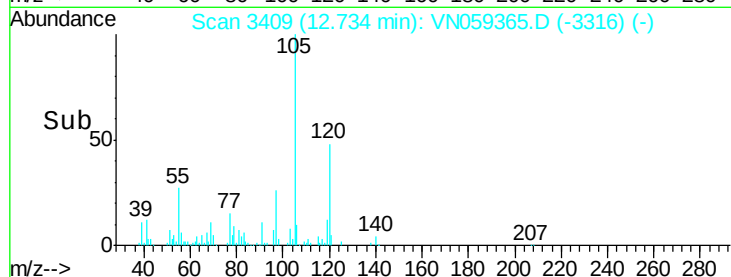
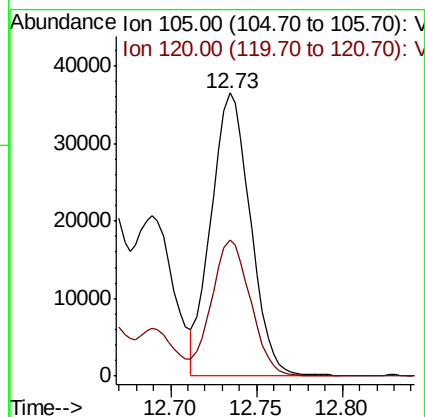
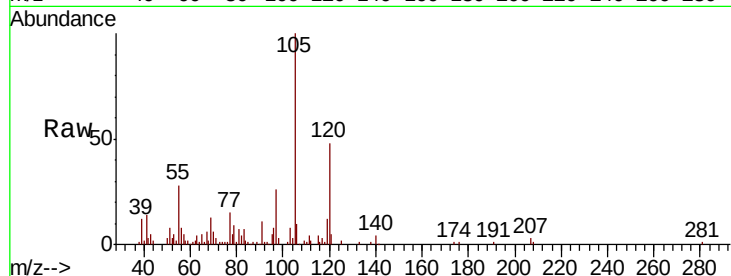
MW-4-(16-18)DL

Tot Ion:105 Resp: 58345

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.4



#84

1,2,4-Trimethylbenzene

Concen: 12.653 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059365.D

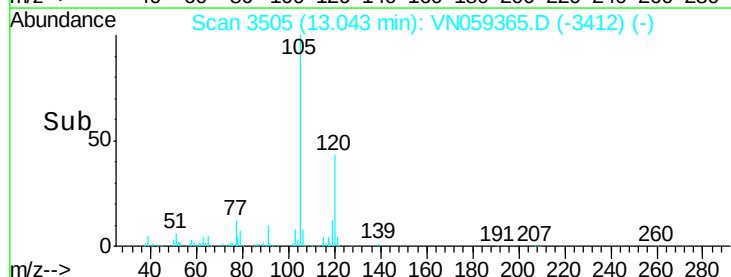
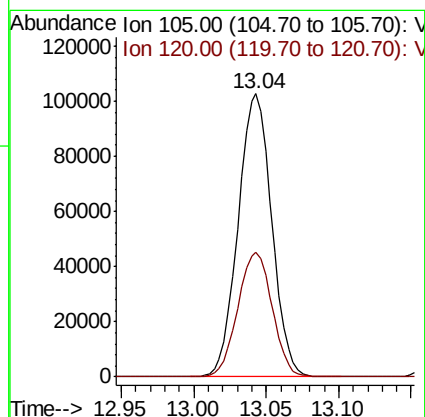
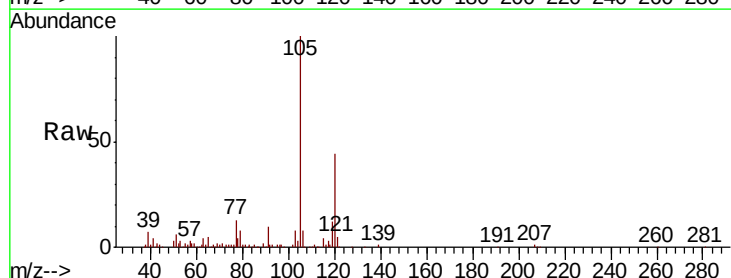
Acq: 22 Nov 2019 15:25

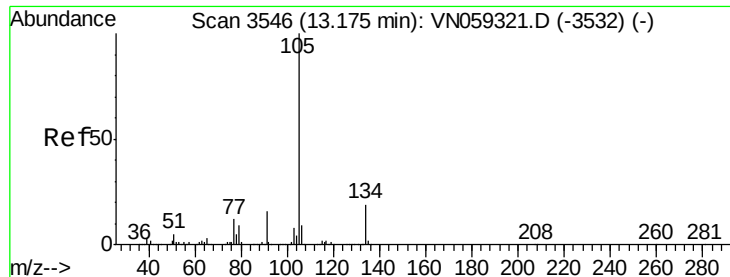
Tgt Ion:105 Resp: 165333

Ion Ratio Lower Upper

105 100

120 45.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 1.190 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampled :

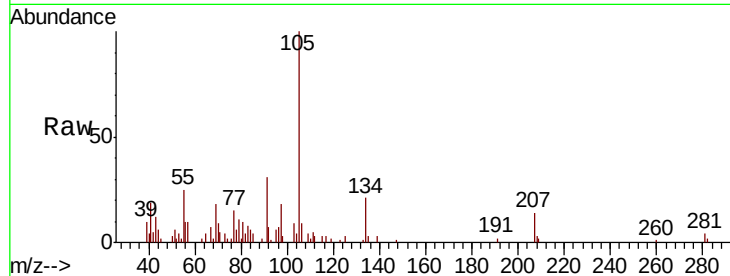
MW-4-(16-18)DL

Tot Ion:105 Resp: 18024

Ion Ratio Lower Upper

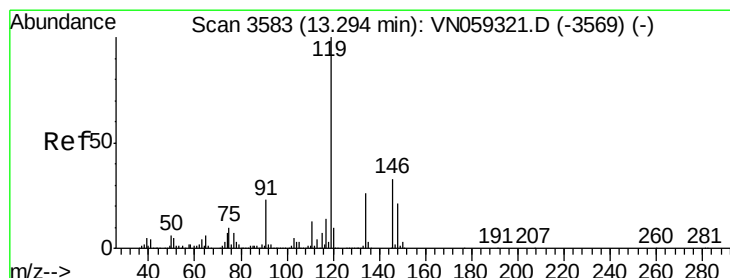
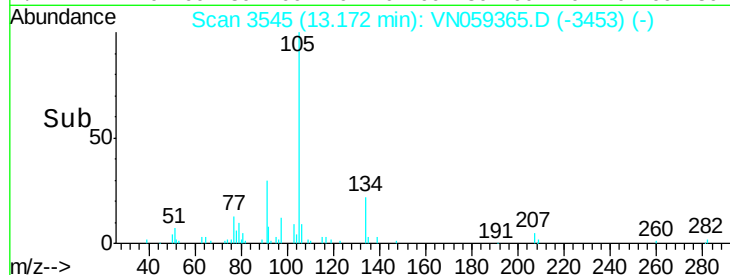
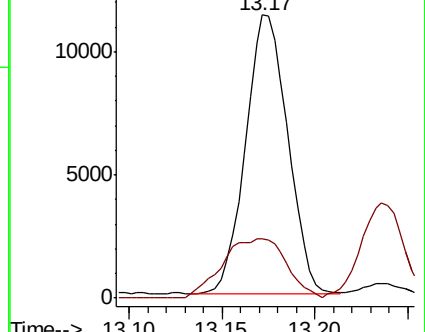
105 100

134 32.1 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.179 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

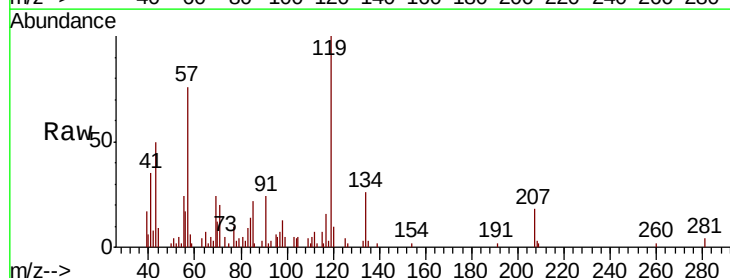
Tgt Ion:119 Resp: 15884

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

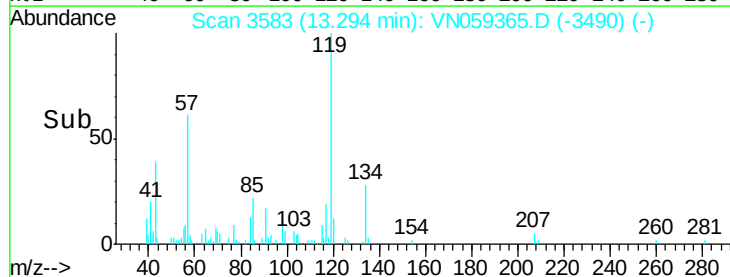
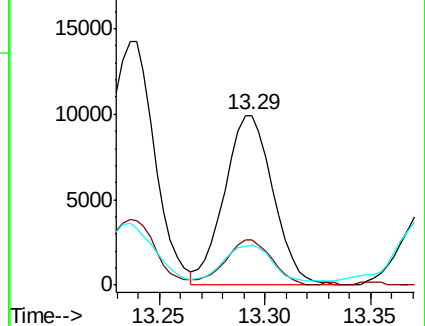
91 20.6 11.6 34.7

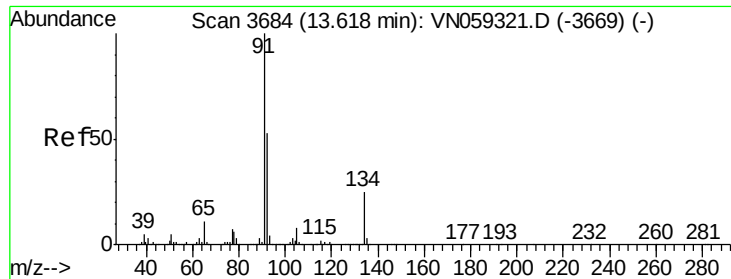


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 1.167 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059365.D

Acq: 22 Nov 2019 15:25

Instrument :

MSVOA_N

ClientSampleId :

MW-4-(16-18)DL

Tot Ion: 91 Resp: 13790

Ion Ratio Lower Upper

91 100

92 60.4 26.0 78.0

134 0.0 12.7 38.1#

