

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059372.D
 Acq On : 22 Nov 2019 17:58
 Operator : JC/SP
 Sample : K5957-10DL 50X
 Misc : 5.69g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Nov 22 18:40:03 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

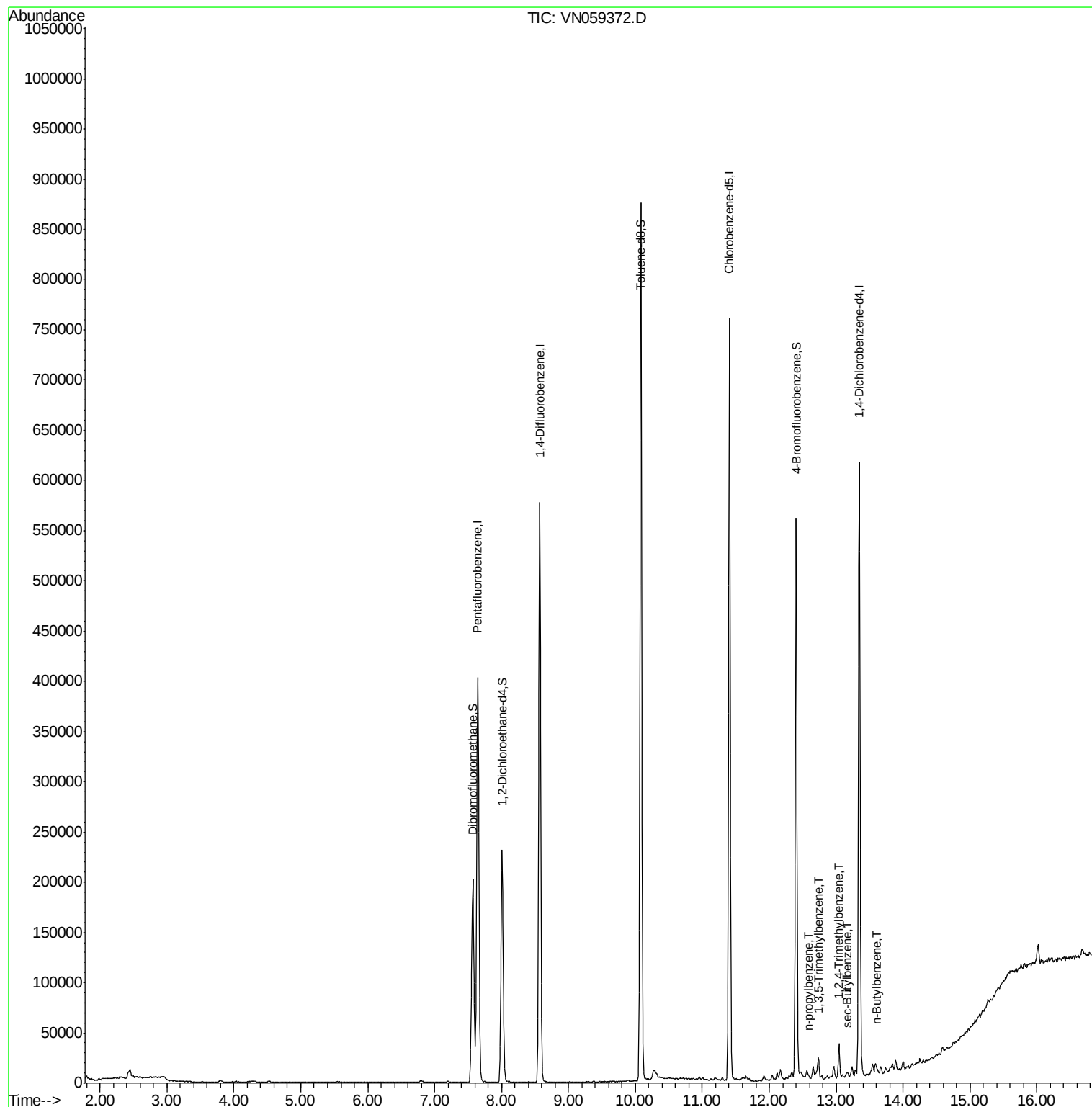
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	342118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	527270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	451559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	170577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	195464	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	7.57	113	158070	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.08	98	627492	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	200751	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
Target Compounds						
78) n-propylbenzene	12.59	91	4238	0.268	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	7416	0.631	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	18844	1.638	ug/l	99
85) sec-Butylbenzene	13.17	105	3476	0.261	ug/l	81
89) n-Butylbenzene	13.62	91	2919	0.280	ug/l #	79

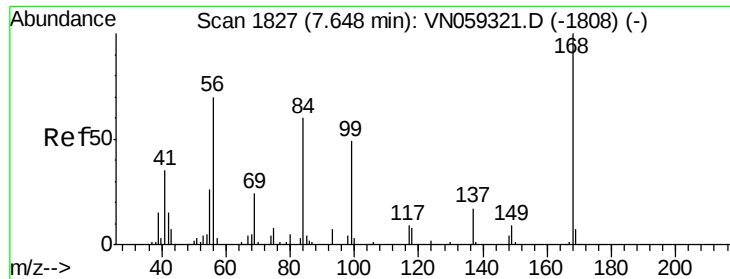
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112219\
Data File : VN059372.D
Acq On : 22 Nov 2019 17:58
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MW-4-(16-18)DL

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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: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059372.D

Acq: 22 Nov 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

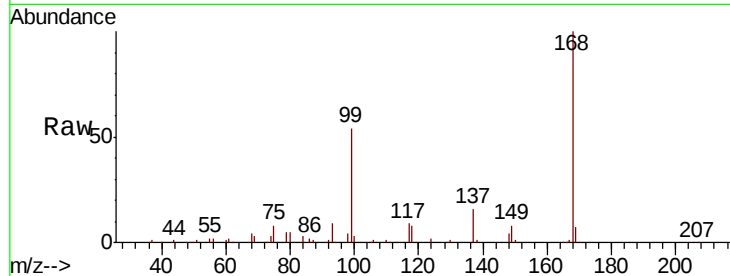
MW-4-(16-18)DL

Tot Ion:168 Resp: 342118

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): VNO

7.64

150000

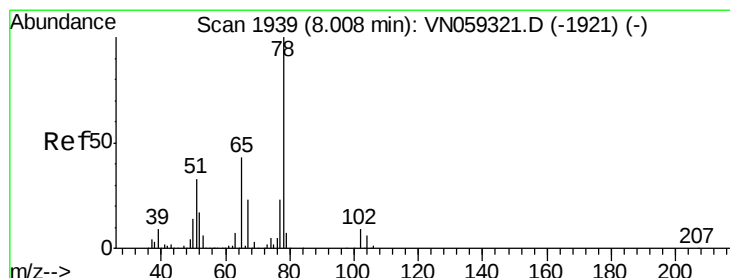
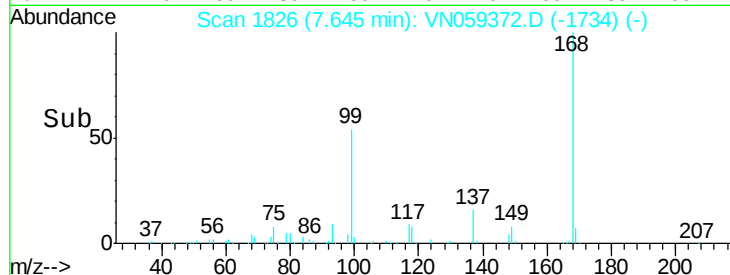
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.618 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059372.D

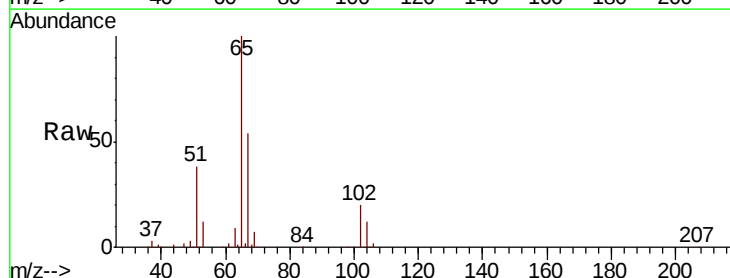
Acq: 22 Nov 2019 17:58

Tgt Ion: 65 Resp: 195464

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

100000

80000

60000

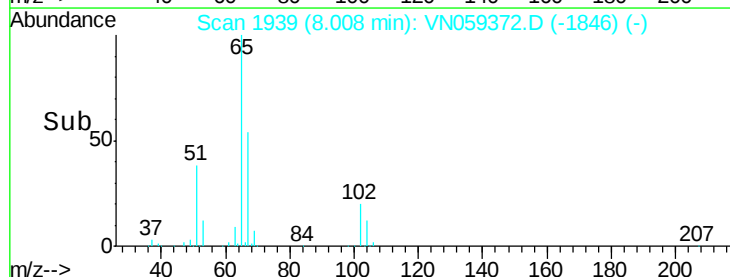
40000

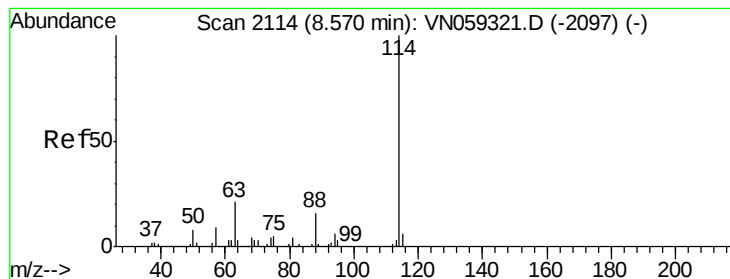
20000

0

7.90 7.95 8.00 8.05 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059372.D

Acq: 22 Nov 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

MW-4-(16-18)DL

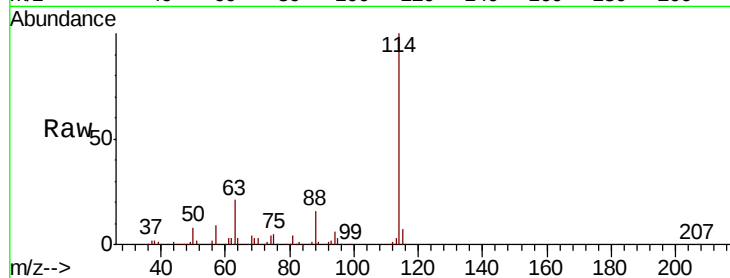
Tot Ion:114 Resp: 527270

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

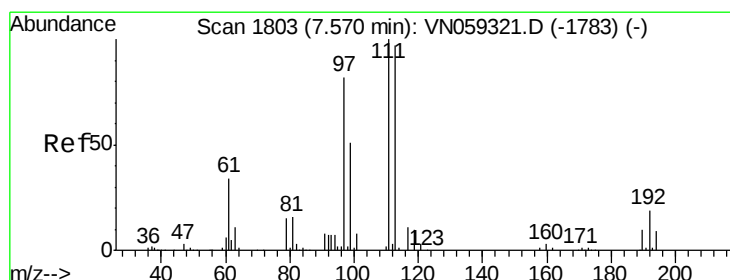
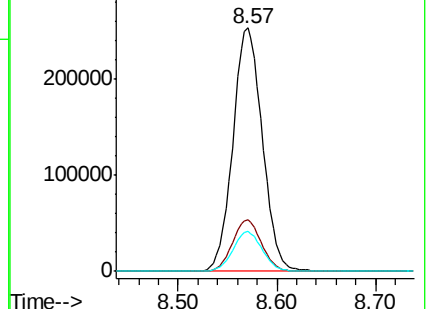
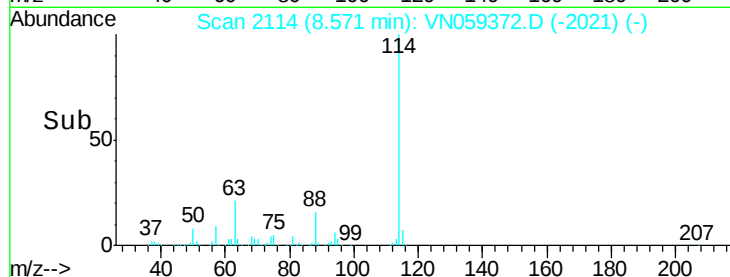
88 16.2 0.0 32.2



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: 49.970 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059372.D

Acq: 22 Nov 2019 17:58

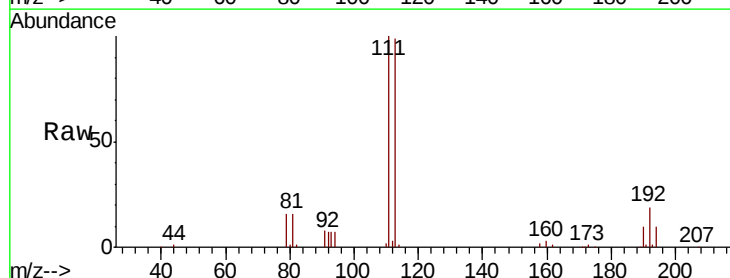
Tgt Ion:113 Resp: 158070

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

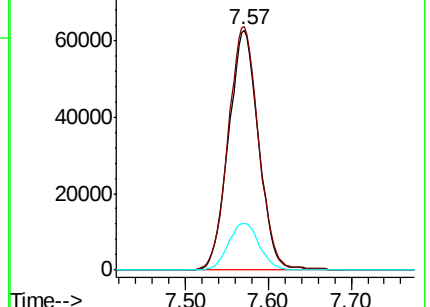
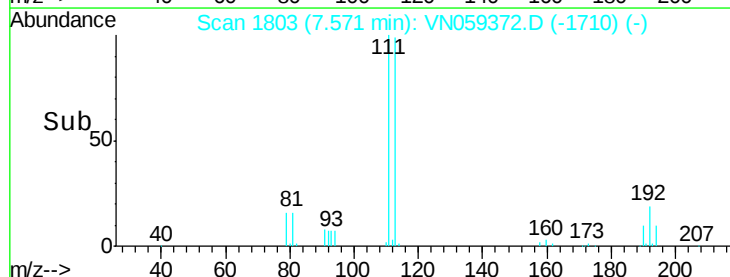
192 20.1 16.3 24.5

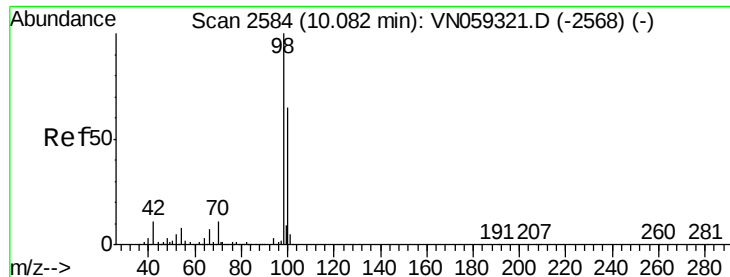


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.898 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059372.D

Acq: 22 Nov 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

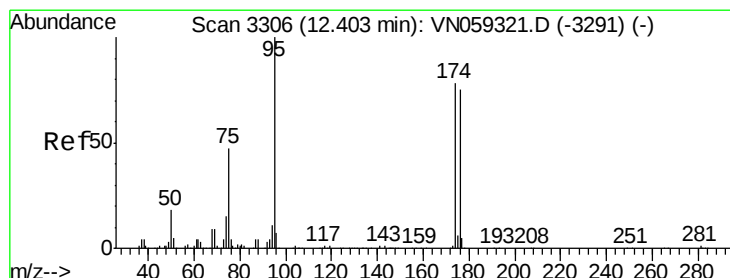
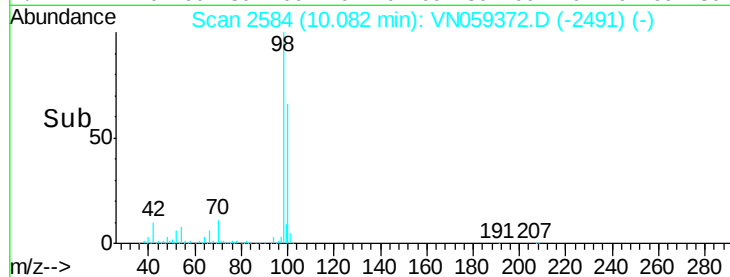
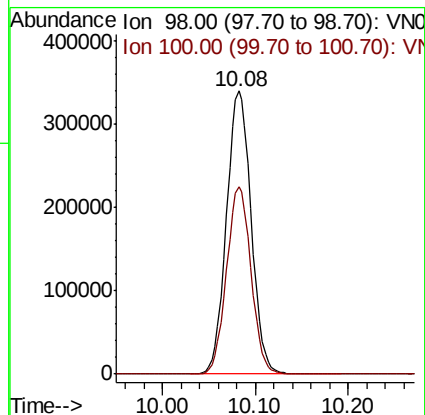
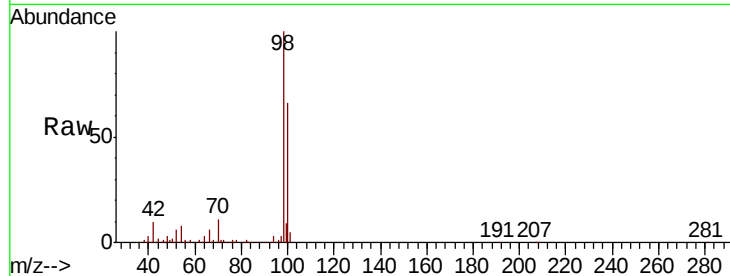
MW-4-(16-18)DL

Tot Ion: 98 Resp: 627492

Ion Ratio Lower Upper

98 100

100 65.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.655 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059372.D

Acq: 22 Nov 2019 17:58

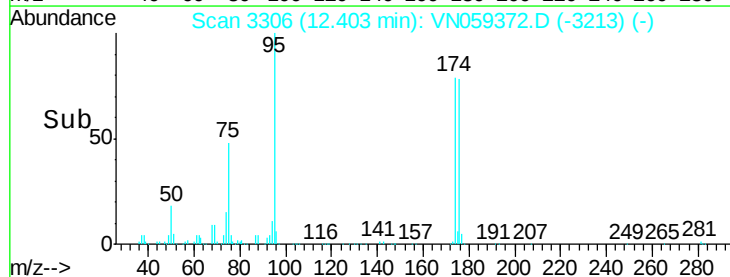
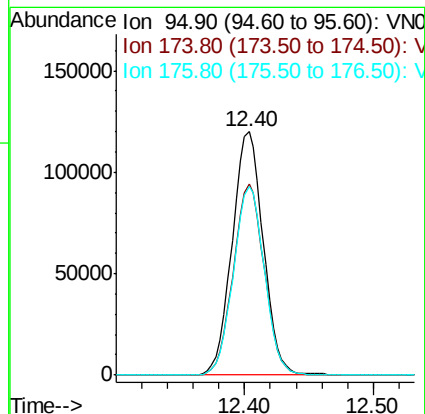
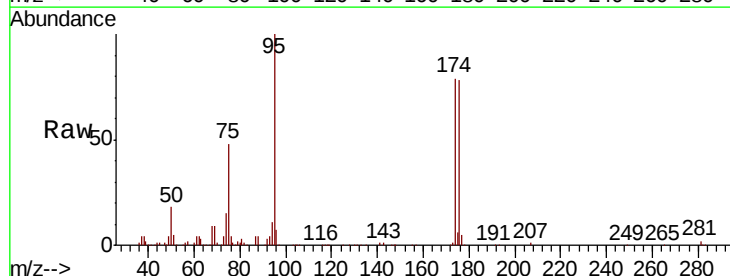
Tgt Ion: 95 Resp: 200751

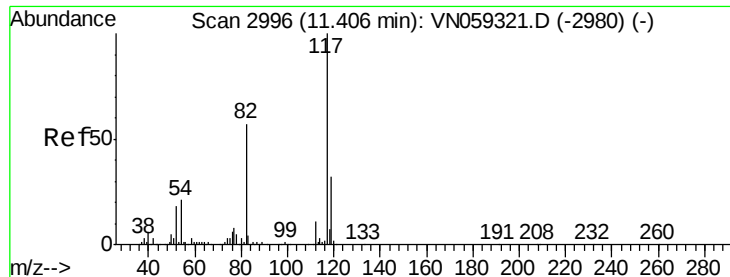
Ion Ratio Lower Upper

95 100

174 78.6 0.0 157.4

176 77.4 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059372.D

Acq: 22 Nov 2019 17:58

Instrument :

MSVOA_N

ClientSampled :

MW-4-(16-18)DL

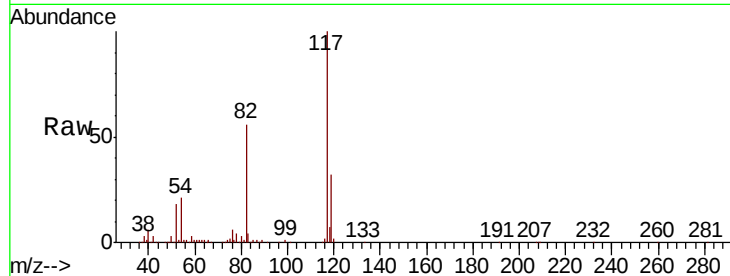
Tot Ion:117 Resp: 451559

Ion Ratio Lower Upper

117 100

82 56.1 45.7 68.5

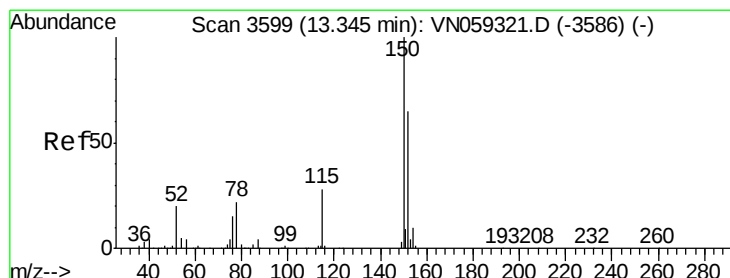
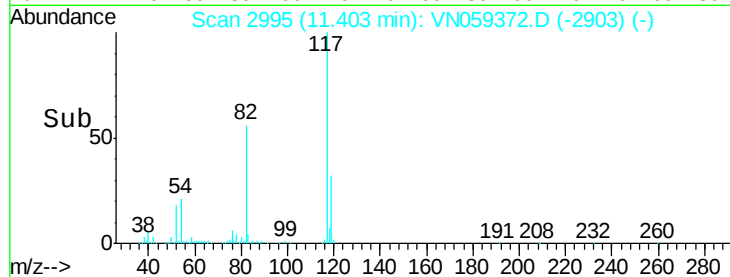
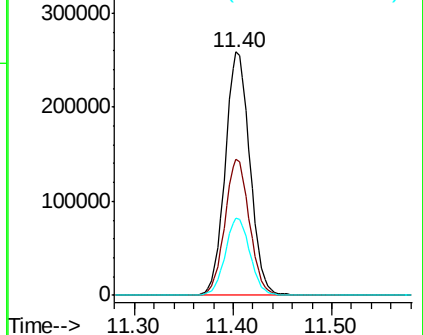
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): 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: VN059372.D

Acq: 22 Nov 2019 17:58

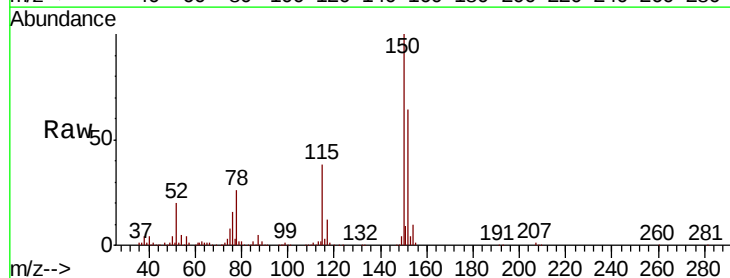
Tgt Ion:152 Resp: 170577

Ion Ratio Lower Upper

152 100

115 59.3 29.3 88.0

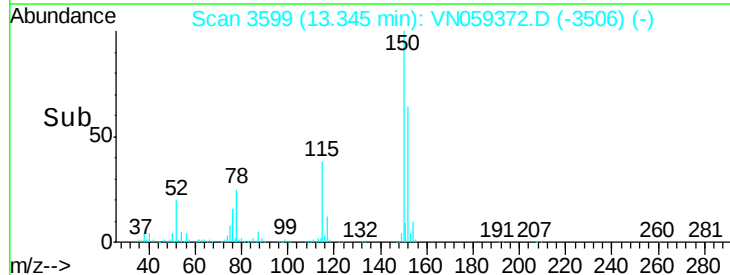
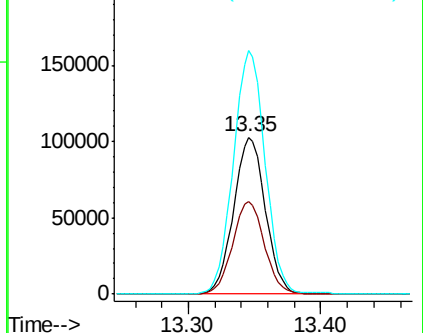
150 155.8 0.0 346.0

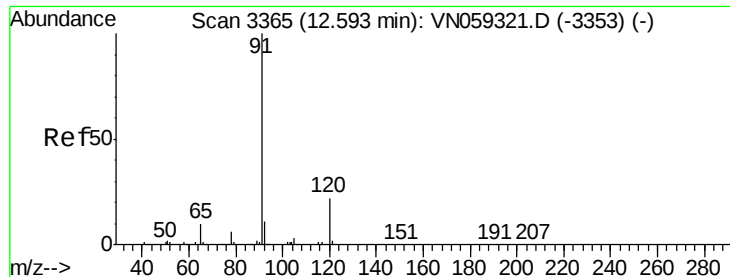


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 0.268 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059372.D

Acq: 22 Nov 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

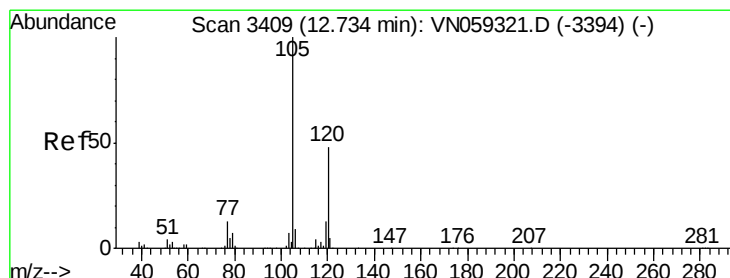
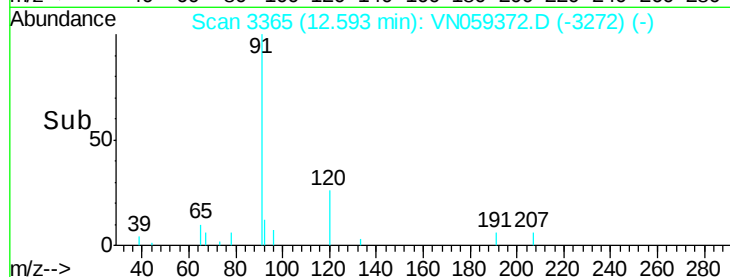
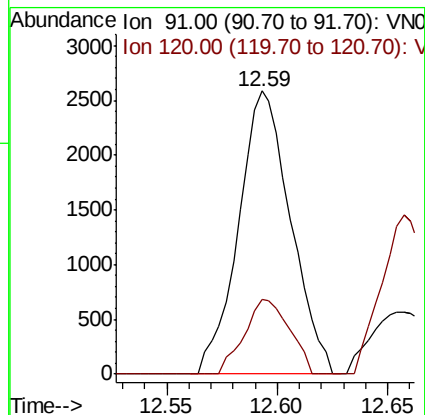
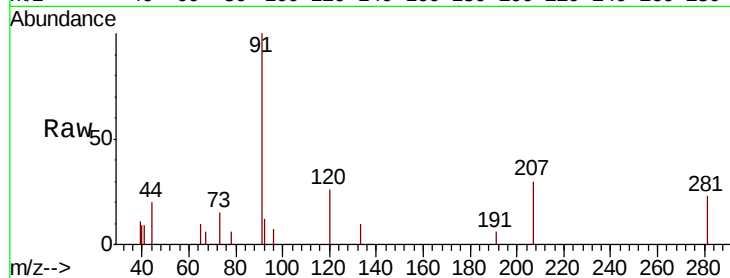
MW-4-(16-18)DL

Tot Ion: 91 Resp: 4238

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9



#80

1,3,5-Trimethylbenzene

Concen: 0.631 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN059372.D

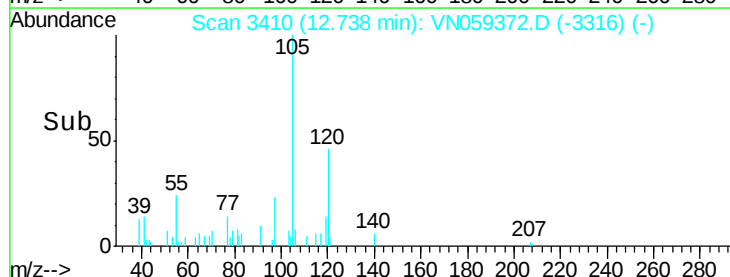
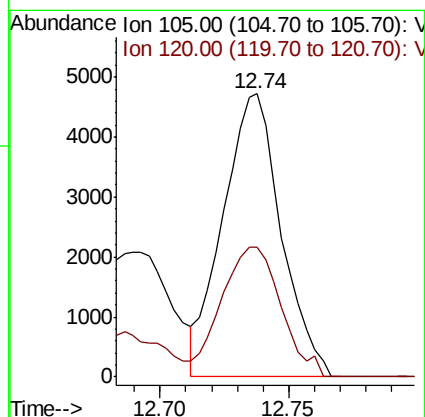
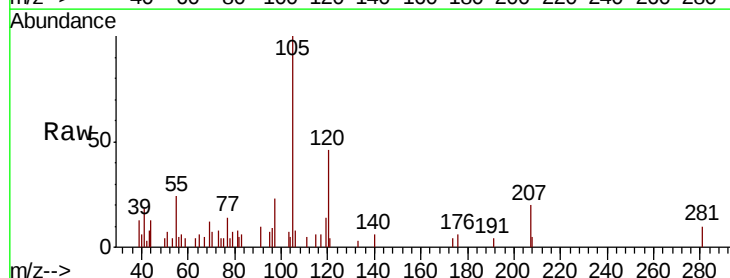
Acq: 22 Nov 2019 17:58

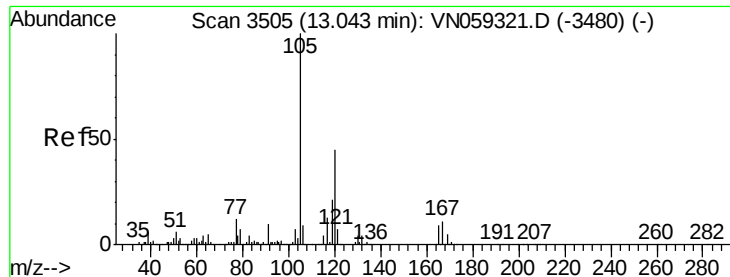
Tgt Ion: 105 Resp: 7416

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.4

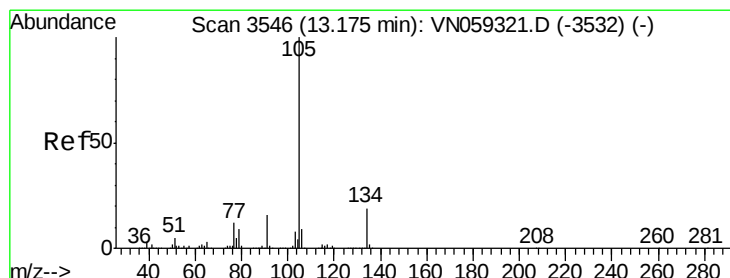
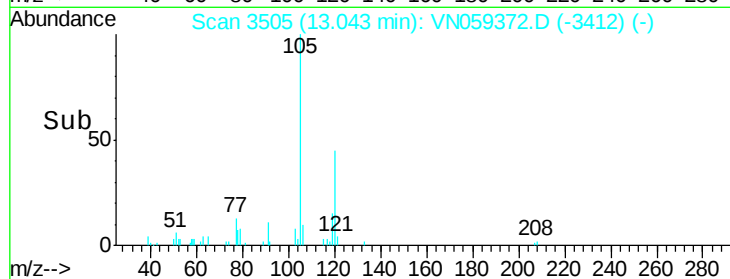
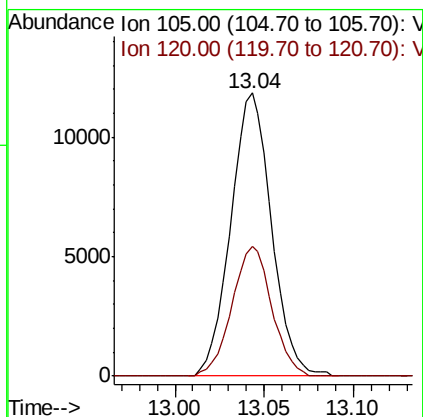
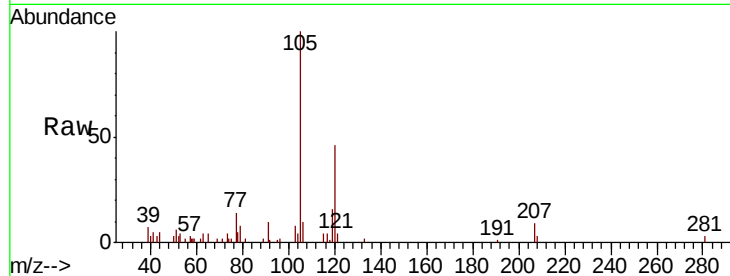




#84
 1,2,4-Trimethylbenzene
 Concen: 1.638 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059372.D
 Acq: 22 Nov 2019 17:58

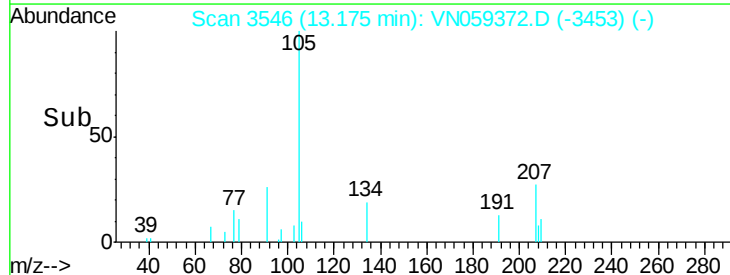
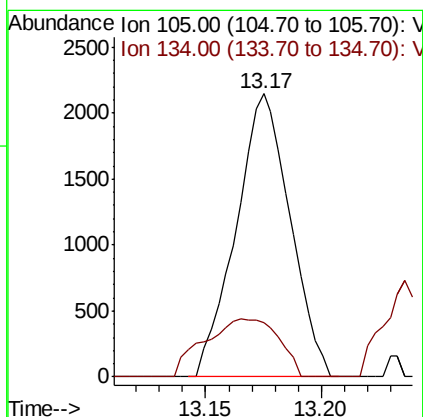
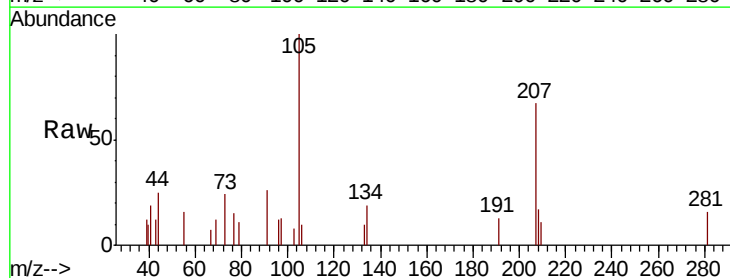
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4-(16-18)DL

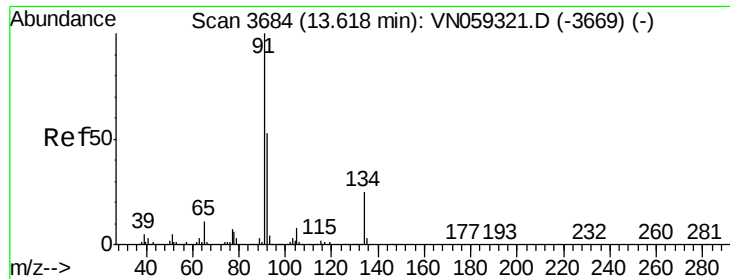
Tot Ion:105 Resp: 18844
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 0.261 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059372.D
 Acq: 22 Nov 2019 17:58

Tgt Ion:105 Resp: 3476
 Ion Ratio Lower Upper
 105 100
 134 28.0 9.8 29.3





#89

n-Butylbenzene

Concen: 0.280 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059372.D

Acq: 22 Nov 2019 17:58

Instrument :

MSVOA_N

ClientSampleId :

MW-4-(16-18)DL

Tot Ion: 91 Resp: 2919

Ion Ratio Lower Upper

91 100

92 47.8 26.0 78.0

134 0.0 12.7 38.1#

