

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059364.D
 Acq On : 22 Nov 2019 15:03
 Operator : JC/SP
 Sample : K5957-06DL 50X
 Misc : 5.45g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-(17-20)DL

Quant Time: Nov 22 16:17:23 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

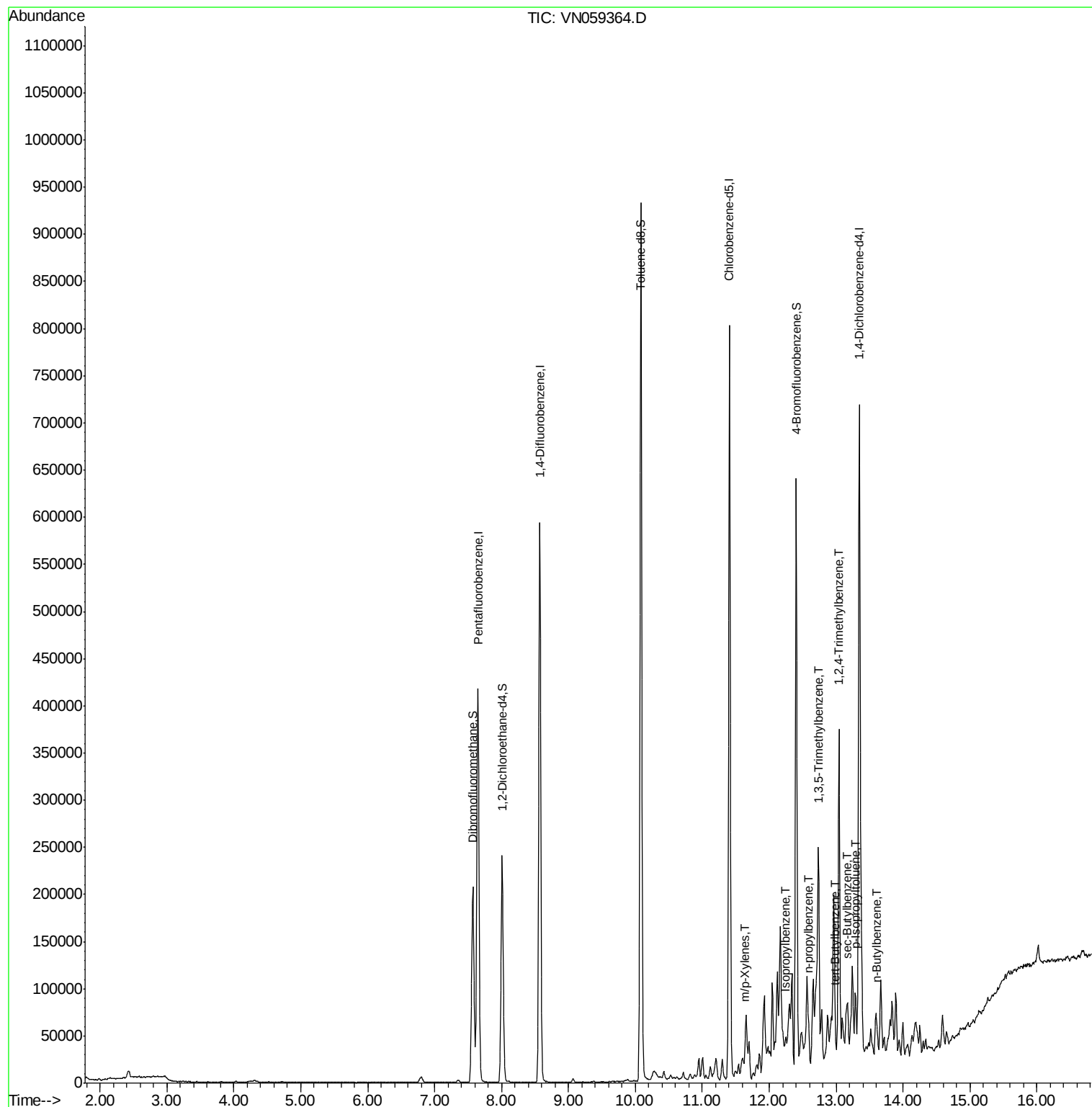
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	350137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	547476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	193389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	204104	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.57	113	162961	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.08	98	655959	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.40	95	224128	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.63	106	3577	0.524	ug/l	92
73) Isopropylbenzene	12.25	105	11693	0.738	ug/l	97
78) n-propylbenzene	12.59	91	33262	1.854	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	70775	5.314	ug/l	97
83) tert-Butylbenzene	13.00	119	3048	0.271	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	187822	14.397	ug/l	99
85) sec-Butylbenzene	13.17	105	23410	1.549	ug/l #	67
86) p-Isopropyltoluene	13.29	119	14689	1.092	ug/l	96
89) n-Butylbenzene	13.62	91	17832	1.511	ug/l #	75

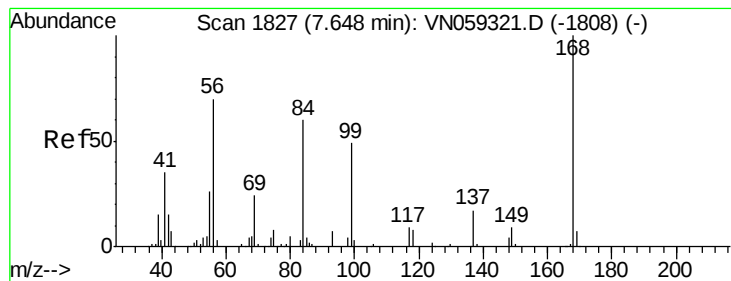
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-3-(17-20)DL

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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: VN059364.D

Acq: 22 Nov 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

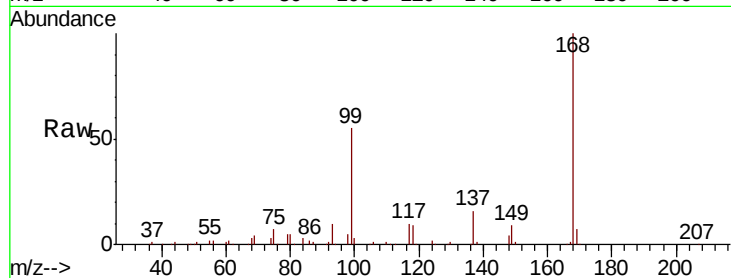
MW-3-(17-20)DL

Tot Ion:168 Resp: 350137

Ion Ratio Lower Upper

168 100

99 55.3 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

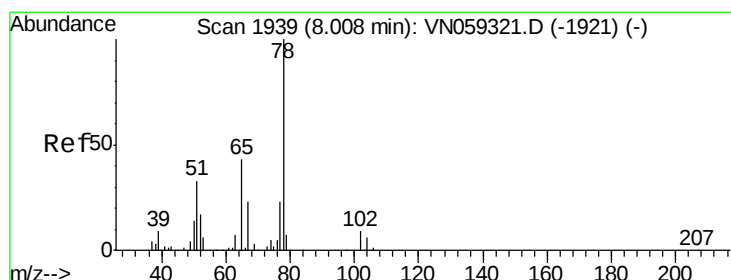
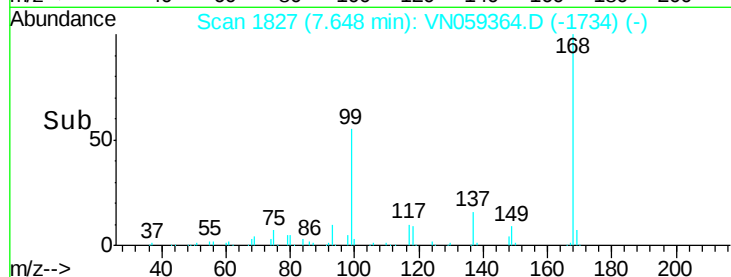
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.584 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059364.D

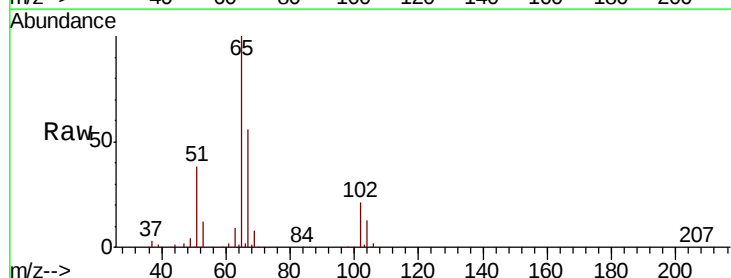
Acq: 22 Nov 2019 15:03

Tgt Ion: 65 Resp: 204104

Ion Ratio Lower Upper

65 100

67 53.8 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

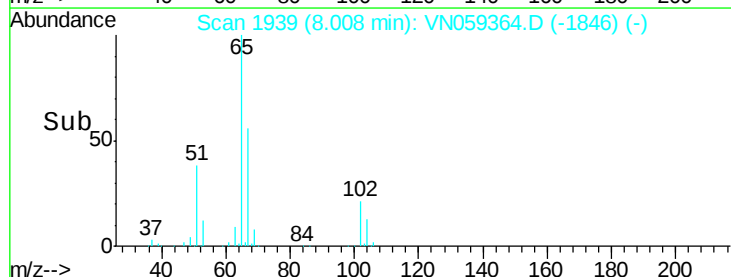
60000

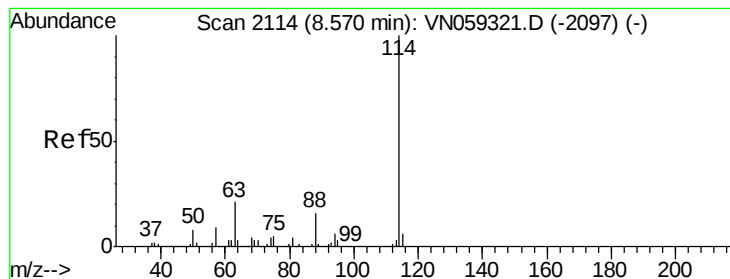
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059364.D

Acq: 22 Nov 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

MW-3-(17-20)DL

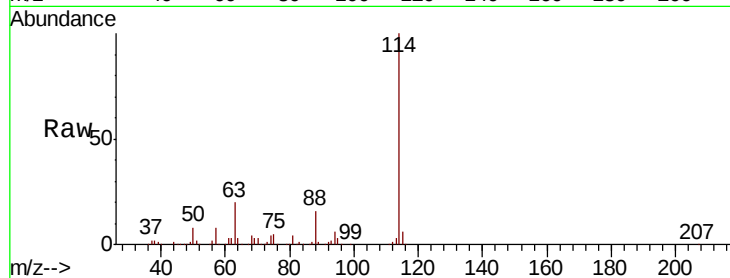
Tot Ion:114 Resp: 547476

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.2

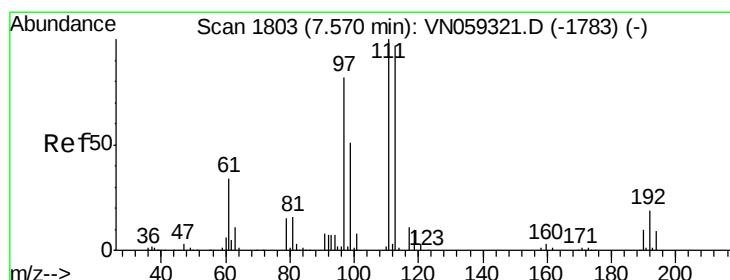
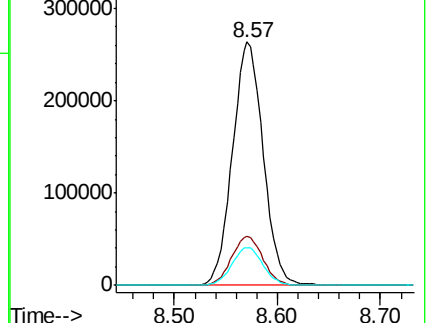
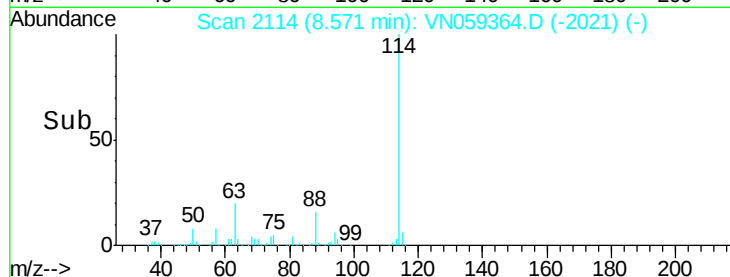
88 15.6 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.614 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059364.D

Acq: 22 Nov 2019 15:03

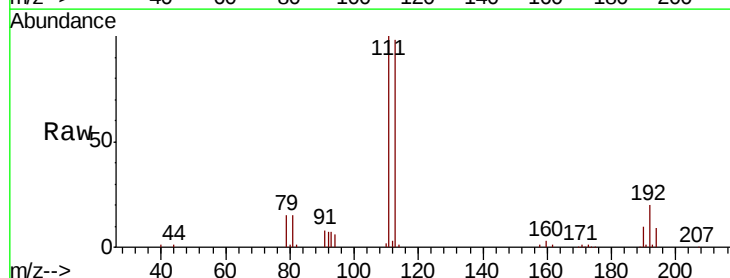
Tgt Ion:113 Resp: 162961

Ion Ratio Lower Upper

113 100

111 101.2 82.7 124.1

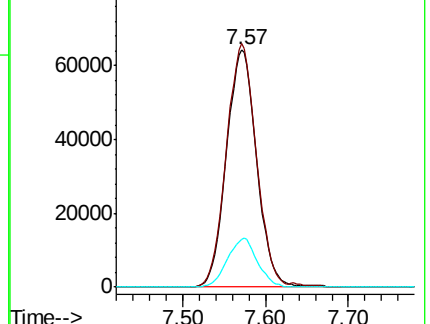
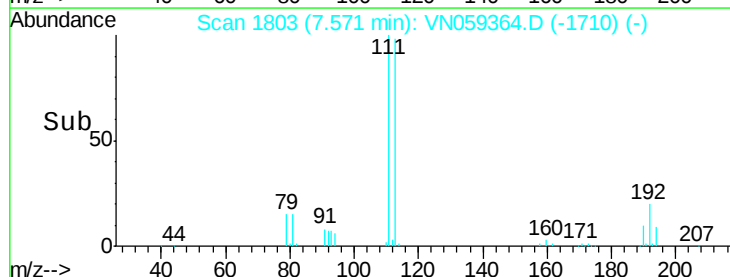
192 20.4 16.3 24.5

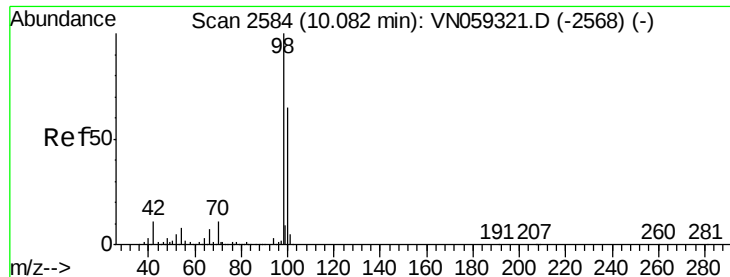


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.236 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059364.D

Acq: 22 Nov 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

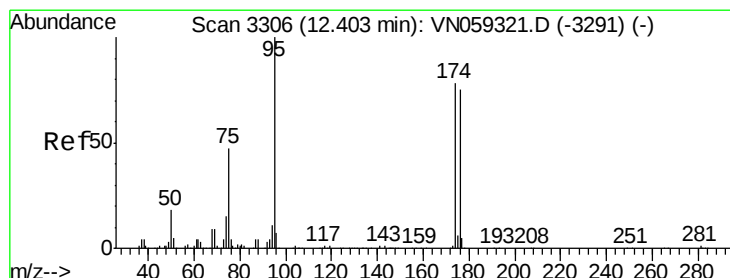
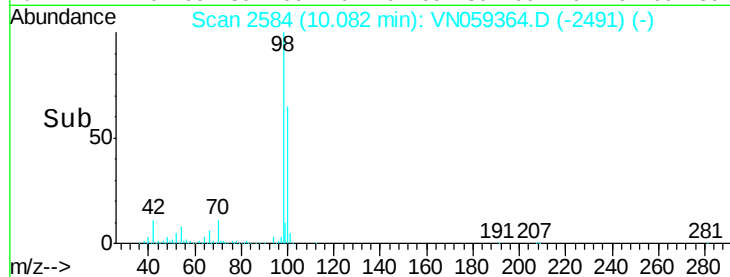
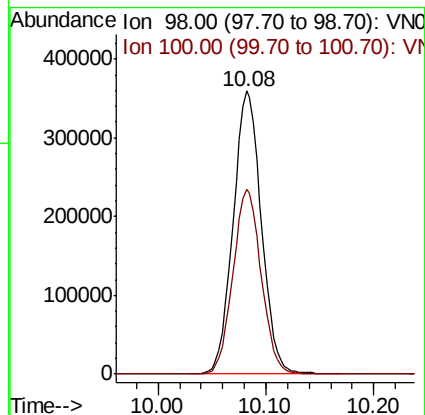
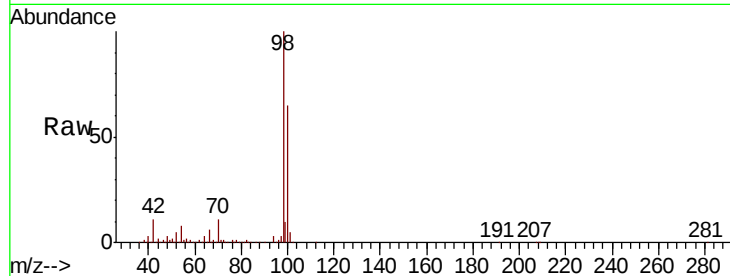
MW-3-(17-20)DL

Tot Ion: 98 Resp: 655959

Ion Ratio Lower Upper

98 100

100 65.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 49.090 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059364.D

Acq: 22 Nov 2019 15:03

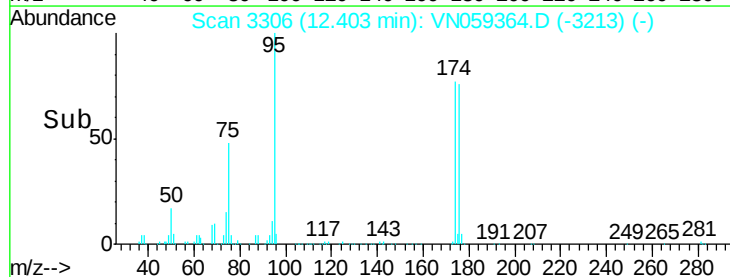
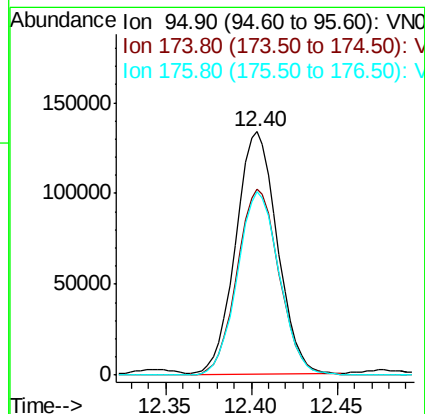
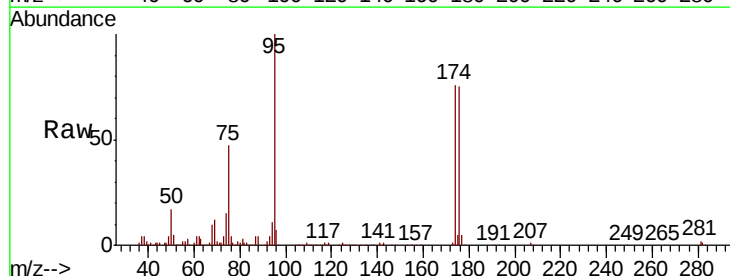
Tgt Ion: 95 Resp: 224128

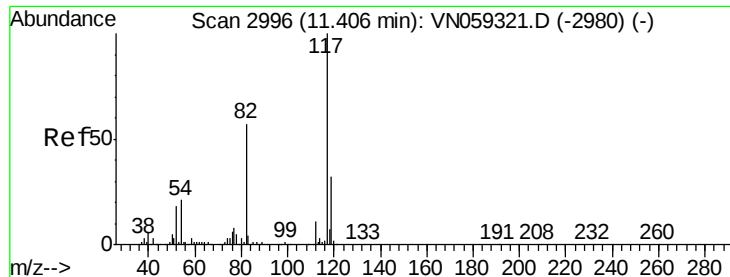
Ion Ratio Lower Upper

95 100

174 78.3 0.0 157.4

176 76.6 0.0 151.2

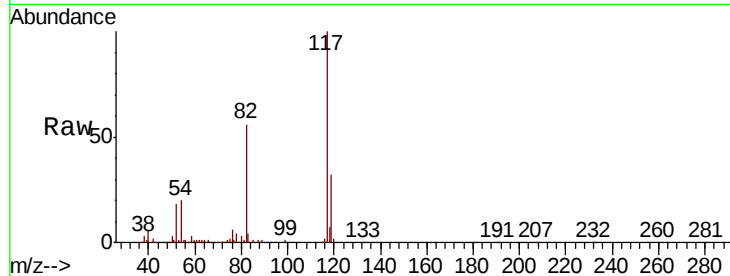




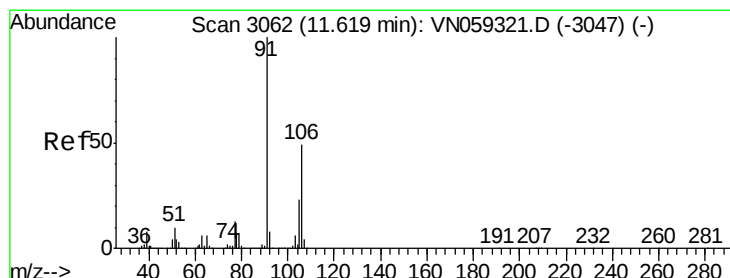
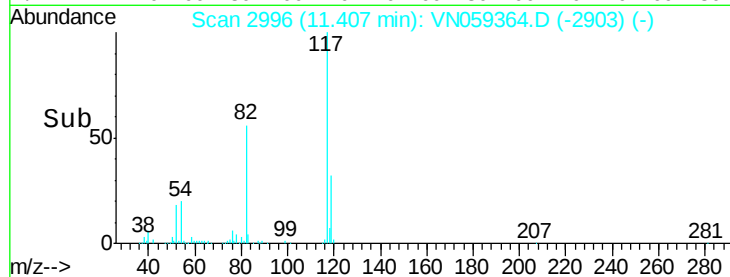
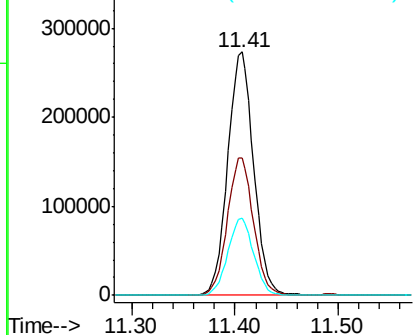
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059364.D
Acq: 22 Nov 2019 15:03

Instrument :
MSVOA_N
ClientSampled :
MW-3-(17-20)DL

Tot Ion:117 Resp: 478323
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 31.7 25.8 38.6

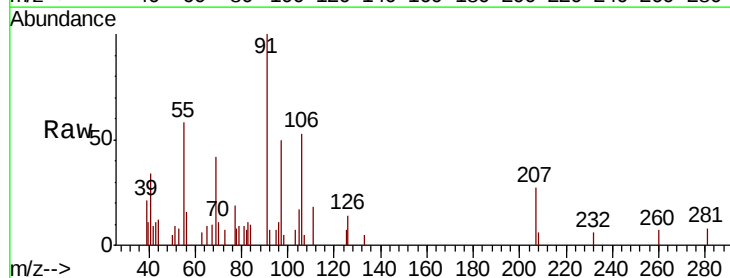


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

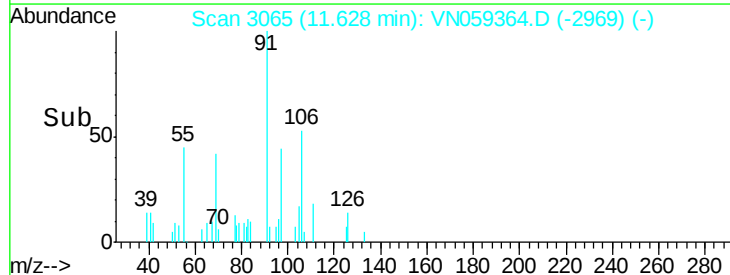
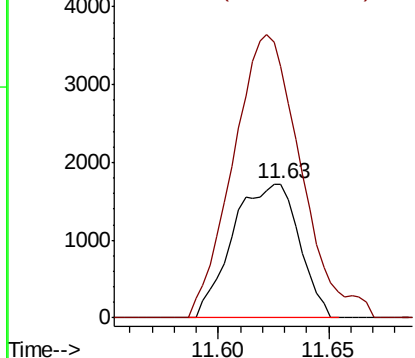


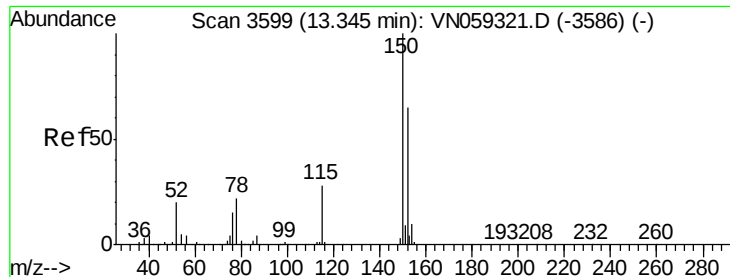
#68
m/p-Xylenes
Concen: 0.524 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN059364.D
Acq: 22 Nov 2019 15:03

Tgt Ion:106 Resp: 3577
Ion Ratio Lower Upper
106 100
91 216.3 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059364.D

Acq: 22 Nov 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

MW-3-(17-20)DL

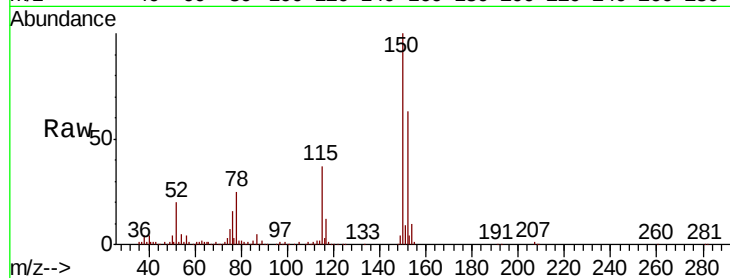
Tot Ion:152 Resp: 193389

Ion Ratio Lower Upper

152 100

115 59.9 29.3 88.0

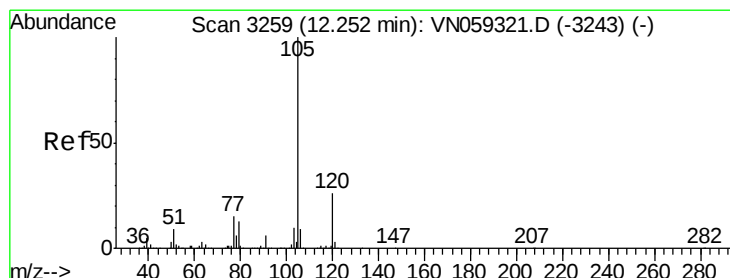
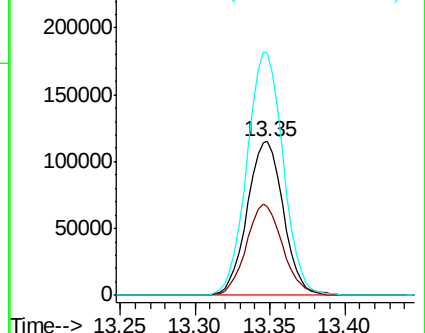
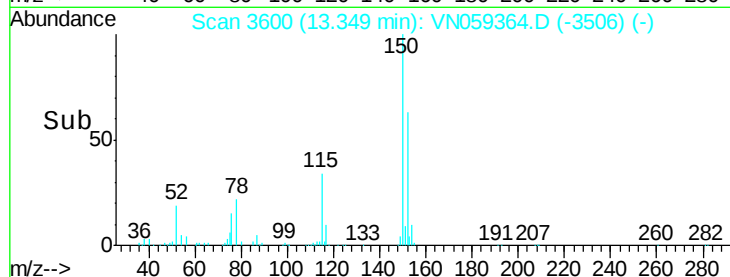
150 159.2 0.0 346.0



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: 0.738 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059364.D

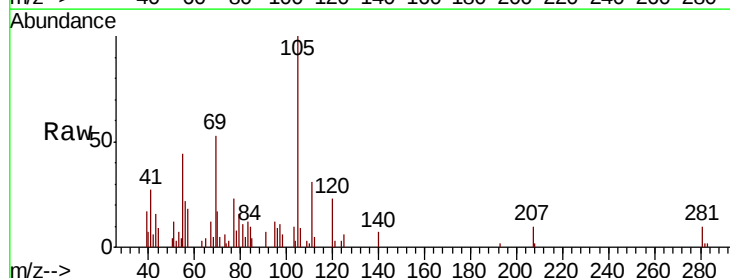
Acq: 22 Nov 2019 15:03

Tgt Ion:105 Resp: 11693

Ion Ratio Lower Upper

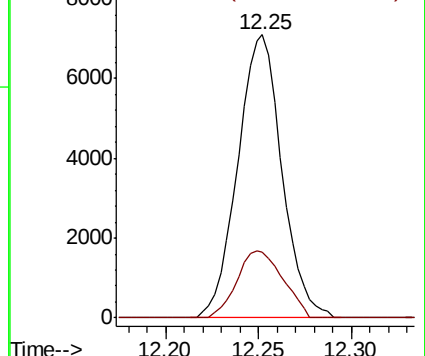
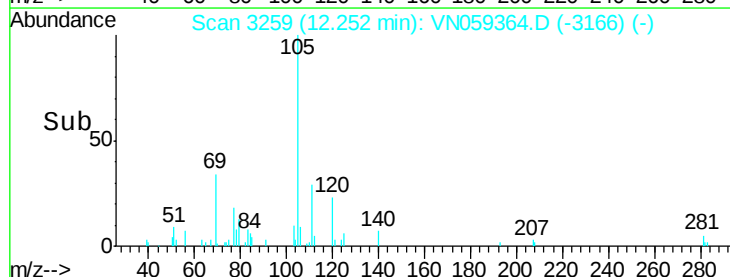
105 100

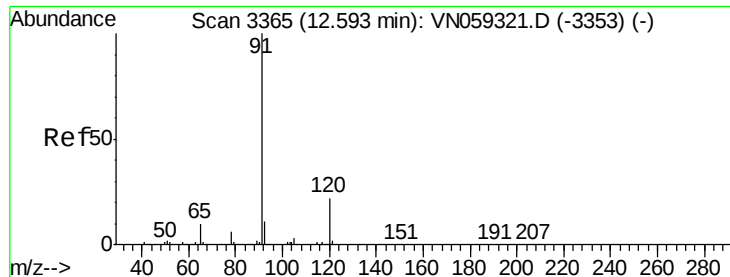
120 24.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.854 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059364.D

Acq: 22 Nov 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

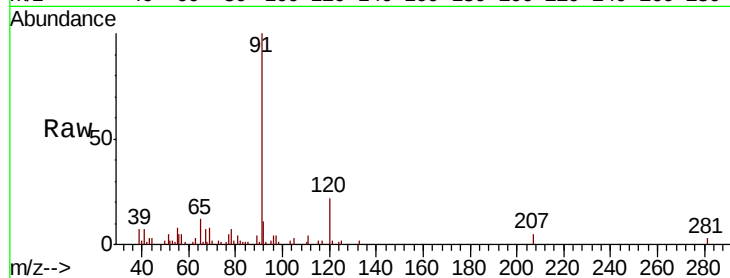
MW-3-(17-20)DL

Tot Ion: 91 Resp: 33262

Ion Ratio Lower Upper

91 100

120 21.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN059321.D (-3353) (-)

Ion 120.00 (119.70 to 120.70): VN059321.D (-3353) (-)

12.59

20000

15000

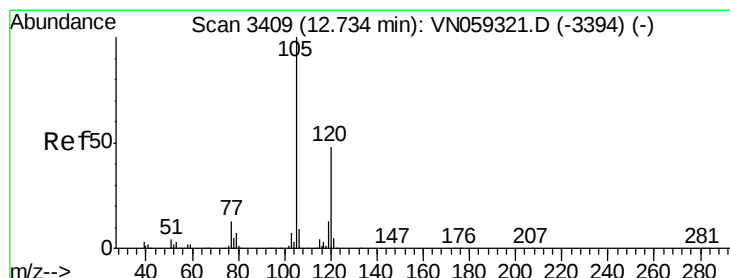
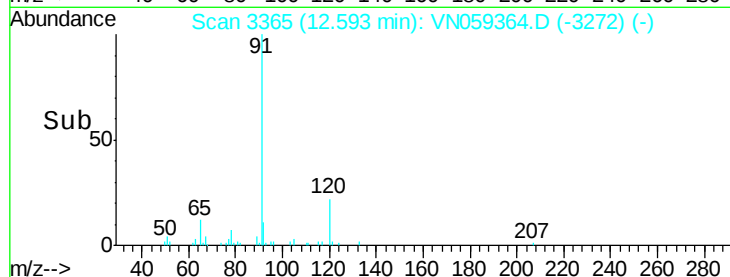
10000

5000

0

Time-->

12.50 12.55 12.60 12.65



#80

1,3,5-Trimethylbenzene

Concen: 5.314 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059364.D

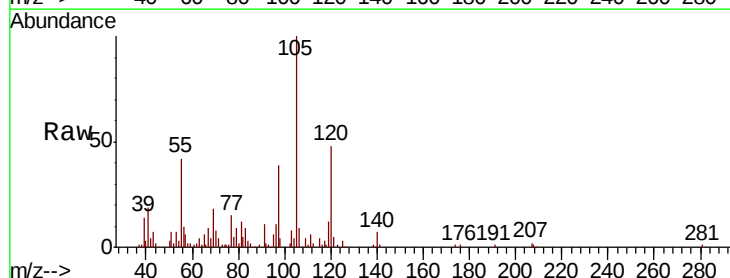
Acq: 22 Nov 2019 15:03

Tgt Ion: 105 Resp: 70775

Ion Ratio Lower Upper

105 100

120 50.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059321.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN059321.D (-3394) (-)

12.73

50000

40000

30000

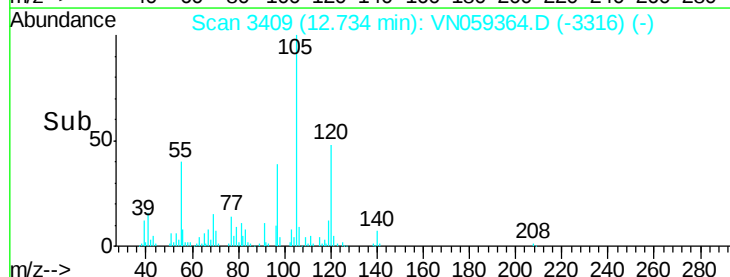
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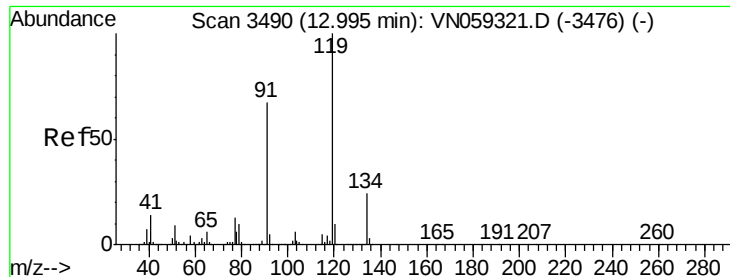
10000

0

Time-->

12.70 12.75 12.80

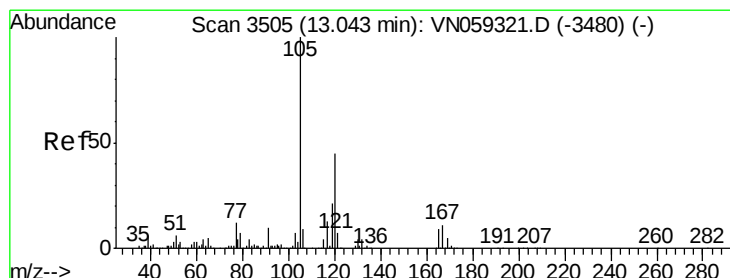
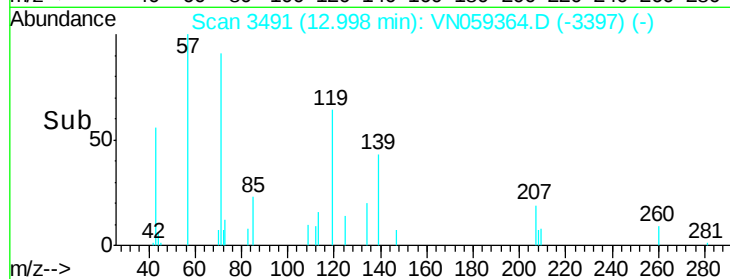
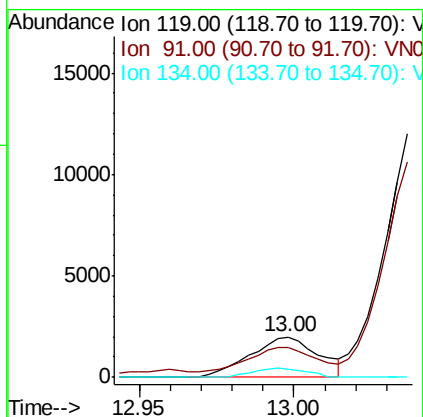
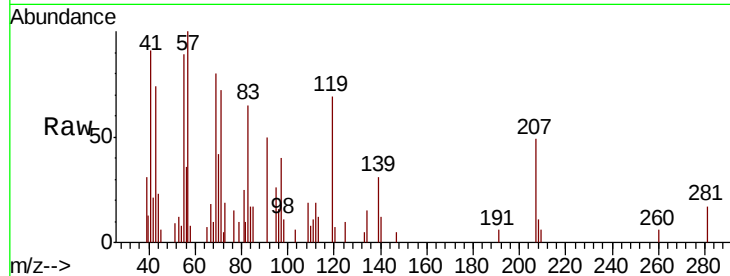




#83
tert-Butylbenzene
Concen: 0.271 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN059364.D
Acq: 22 Nov 2019 15:03

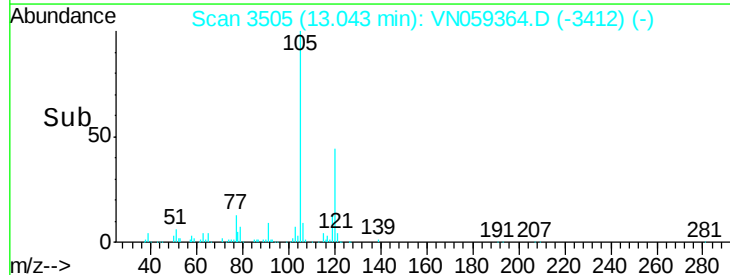
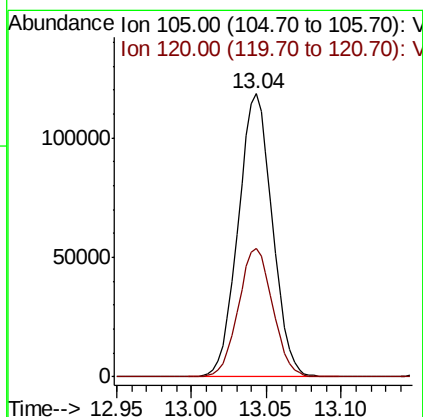
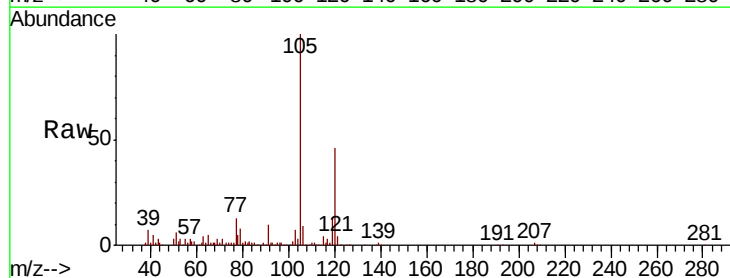
Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

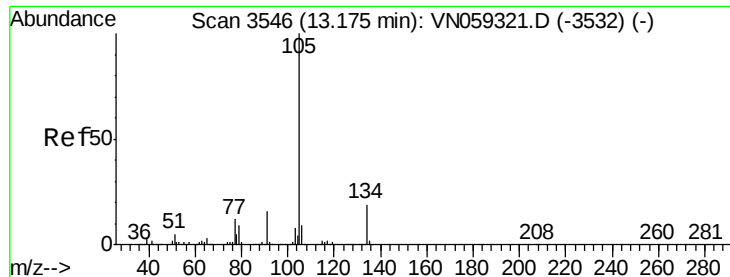
Tot Ion:119 Resp: 3048
Ion Ratio Lower Upper
119 100
91 71.9 32.8 98.4
134 17.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 14.397 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN059364.D
Acq: 22 Nov 2019 15:03

Tgt Ion:105 Resp: 187822
Ion Ratio Lower Upper
105 100
120 45.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 1.549 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059364.D

Acq: 22 Nov 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

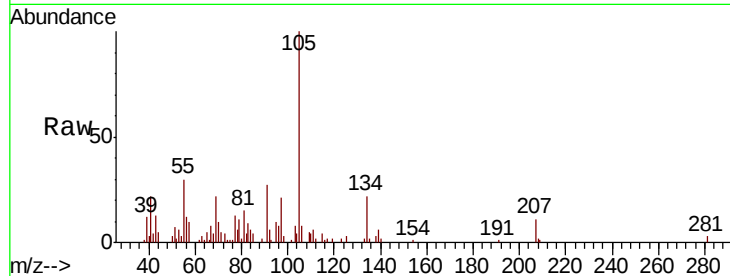
MW-3-(17-20)DL

Tot Ion:105 Resp: 23410

Ion Ratio Lower Upper

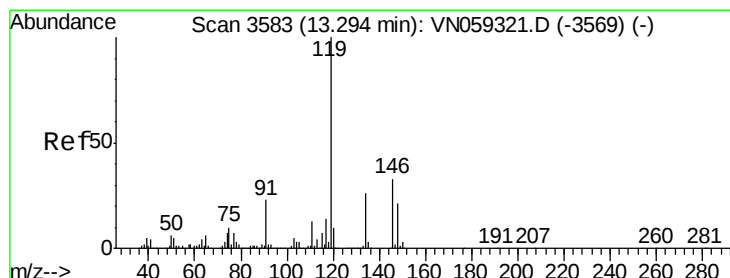
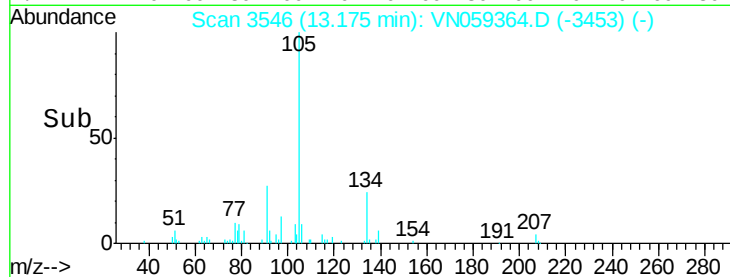
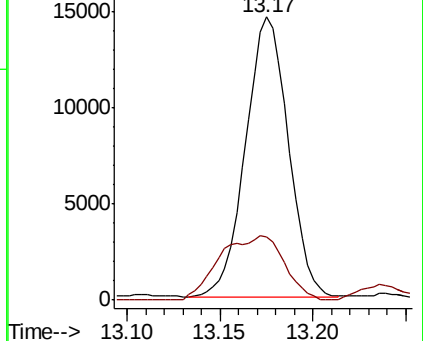
105 100

134 34.6 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: 1.092 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN059364.D

Acq: 22 Nov 2019 15:03

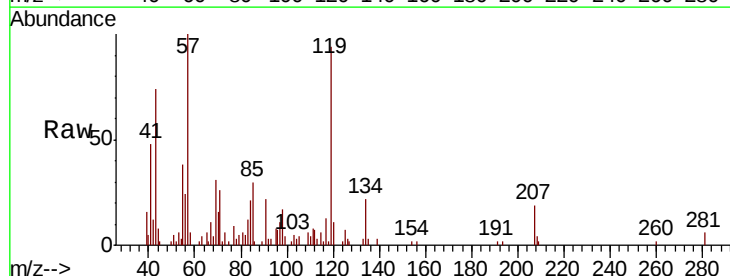
Tgt Ion:119 Resp: 14689

Ion Ratio Lower Upper

119 100

134 23.4 13.0 38.9

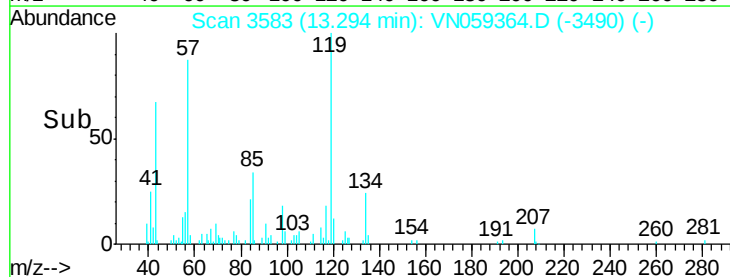
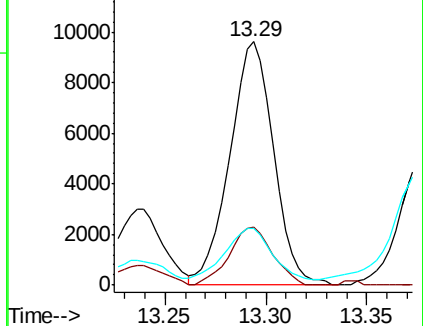
91 21.9 11.6 34.7

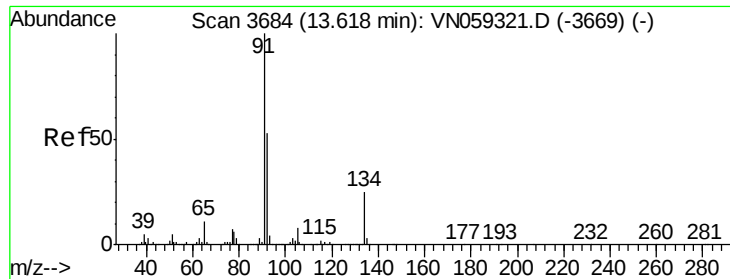


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 1.511 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059364.D

Acq: 22 Nov 2019 15:03

Instrument :

MSVOA_N

ClientSampleId :

MW-3-(17-20)DL

Tot Ion: 91 Resp: 17832

Ion Ratio Lower Upper

91 100

92 43.5 26.0 78.0

134 0.0 12.7 38.1#

