

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061671.D
 Acq On : 5 Jun 2020 15:54
 Operator : JC/MD
 Sample : L2903-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Quant Time: Jun 06 04:43:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

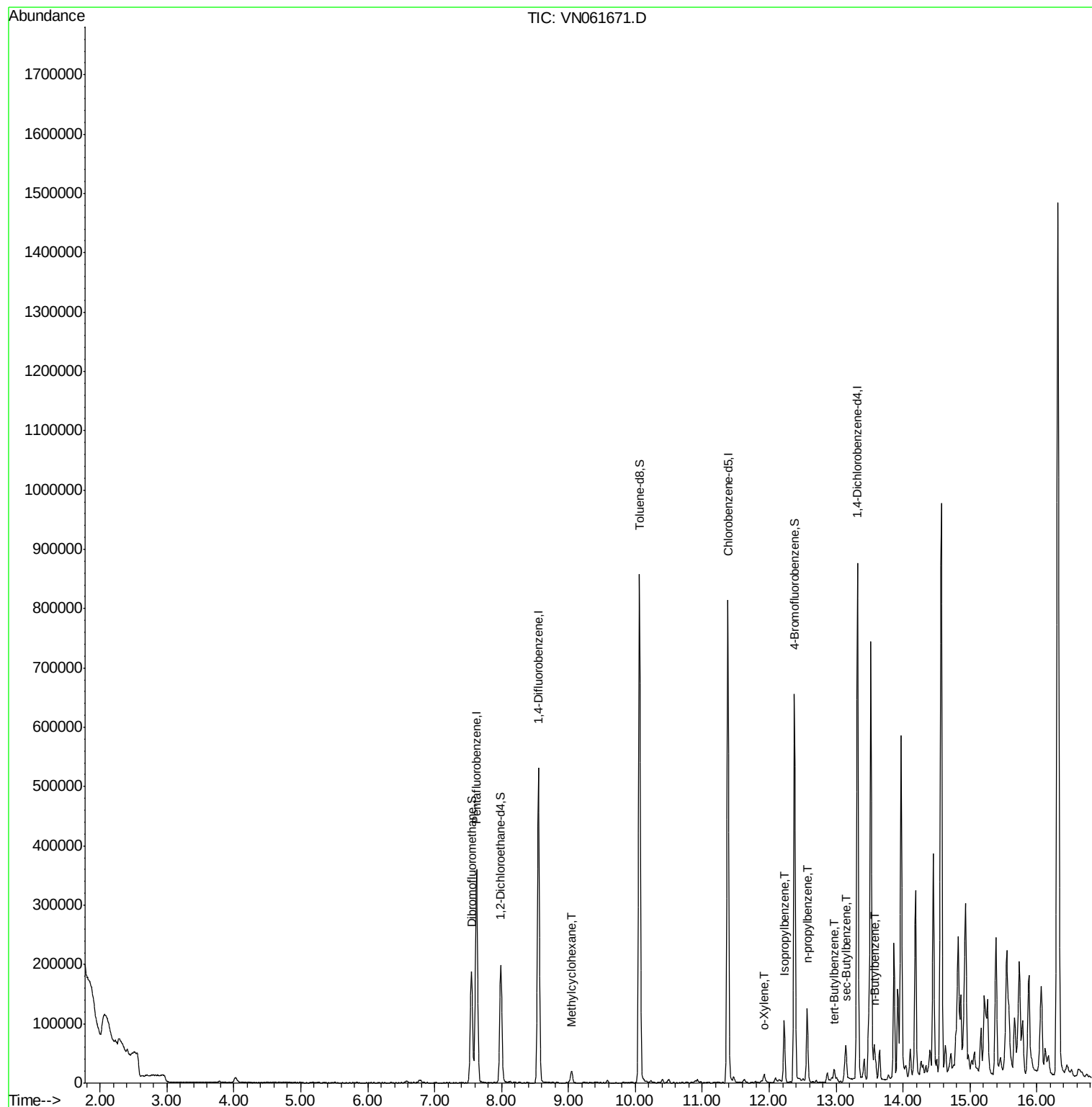
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	297083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	506285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	501618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	246429	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	167883	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
35) Dibromofluoromethane	7.55	113	144884	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.82%	
50) Toluene-d8	10.06	98	611976	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.38	95	234468	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.05	83	9991	1.809	ug/l	94
69) o-Xylene	11.92	106	4783	0.705	ug/l	91
73) Isopropylbenzene	12.22	105	69284	3.852	ug/l	100
78) n-propylbenzene	12.57	91	103951	5.177	ug/l	98
83) tert-Butylbenzene	12.97	119	10344	0.779	ug/l	97
85) sec-Butylbenzene	13.15	105	39212	2.291	ug/l	81
89) n-Butylbenzene	13.59	91	21236	1.609	ug/l #	72

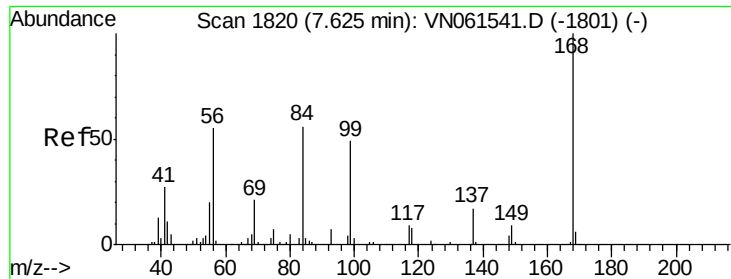
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061671.D

Acq: 5 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampled :

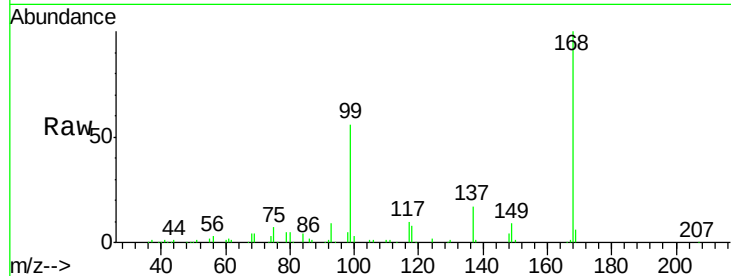
MW-16

Tot Ion:168 Resp: 297083

Ion Ratio Lower Upper

168 100

99 56.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

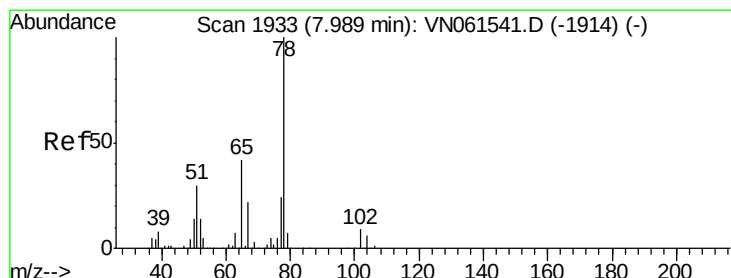
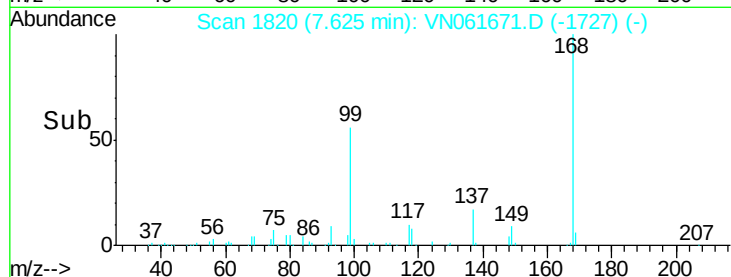
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.431 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061671.D

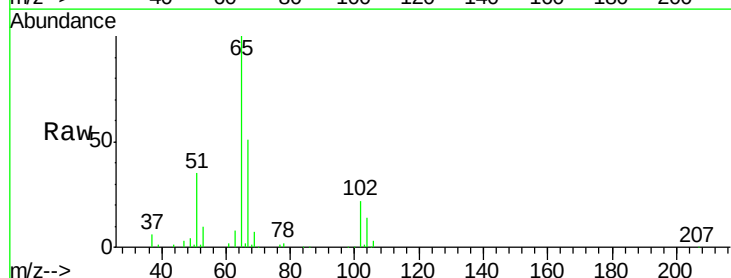
Acq: 5 Jun 2020 15:54

Tgt Ion: 65 Resp: 167883

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

80000

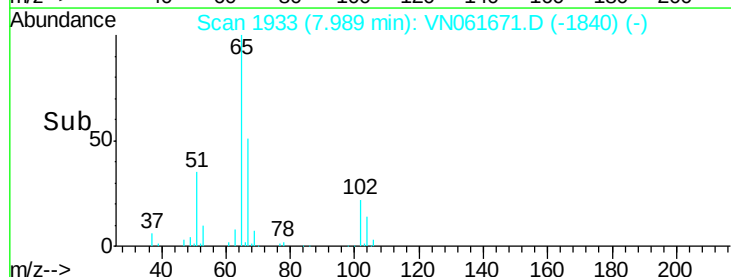
60000

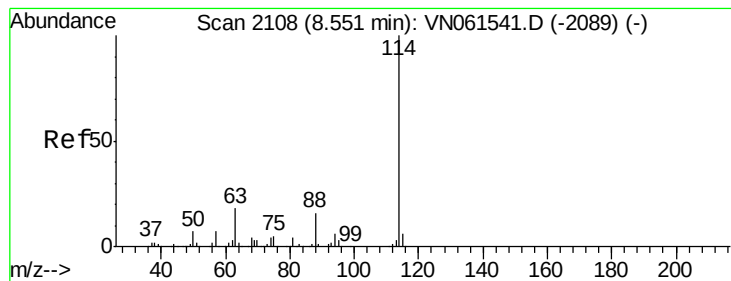
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061671.D

Acq: 5 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

MW-16

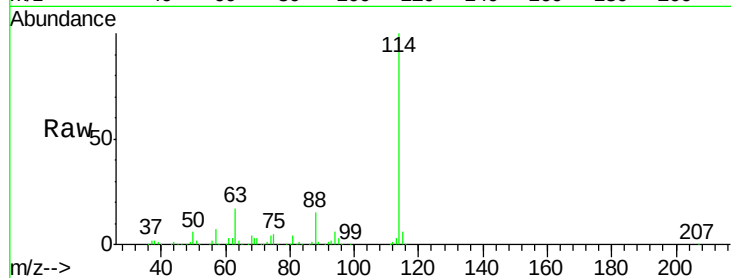
Tot Ion:114 Resp: 506285

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.8

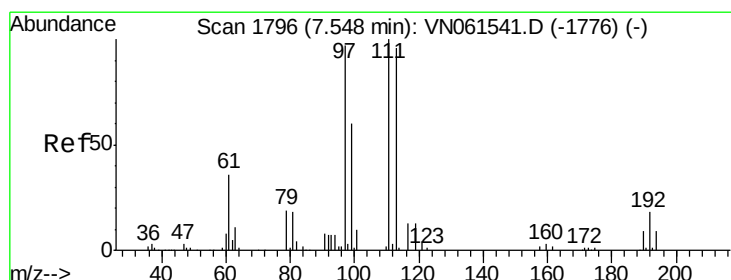
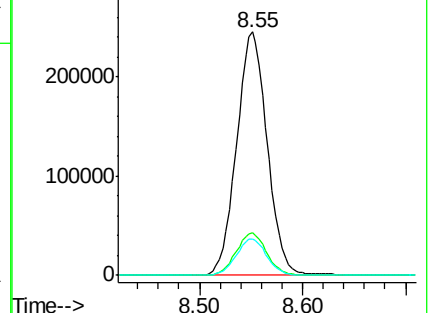
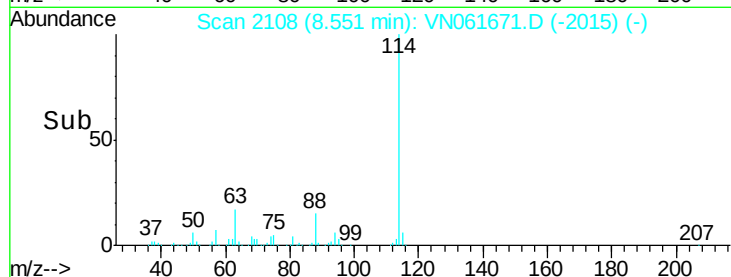
88 15.0 0.0 31.0



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: 56.413 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061671.D

Acq: 5 Jun 2020 15:54

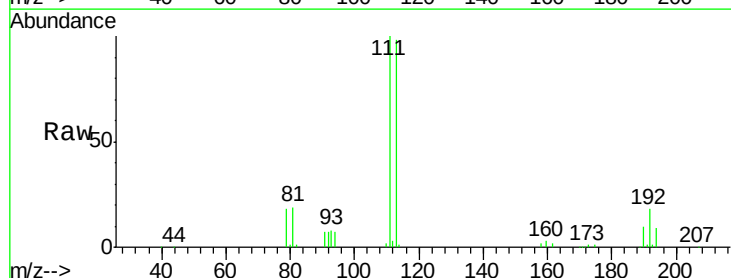
Tgt Ion:113 Resp: 144884

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.0

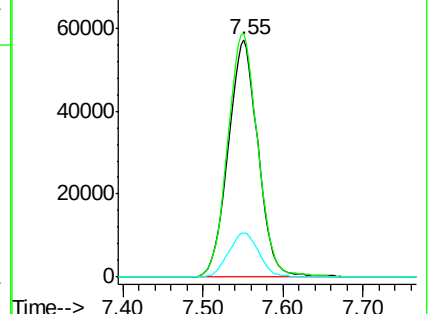
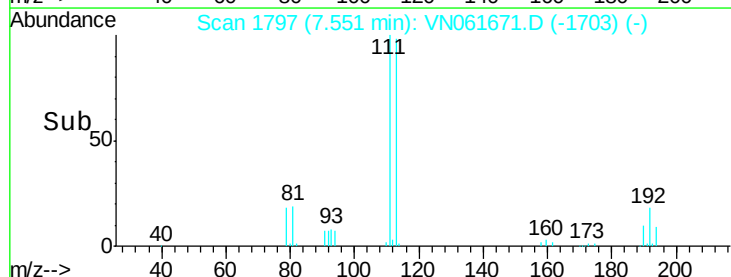
192 18.9 15.4 23.2

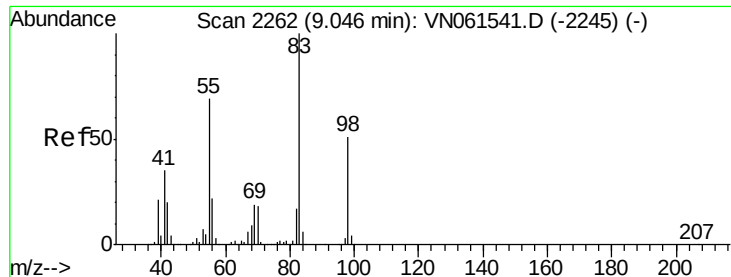


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

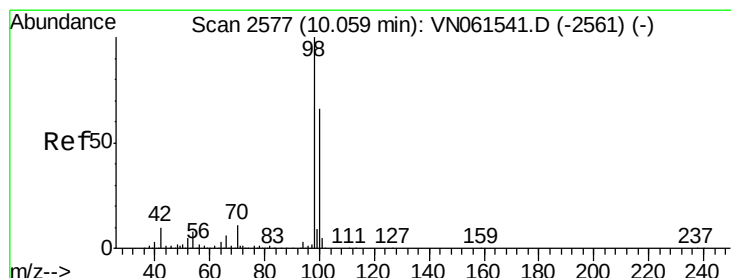
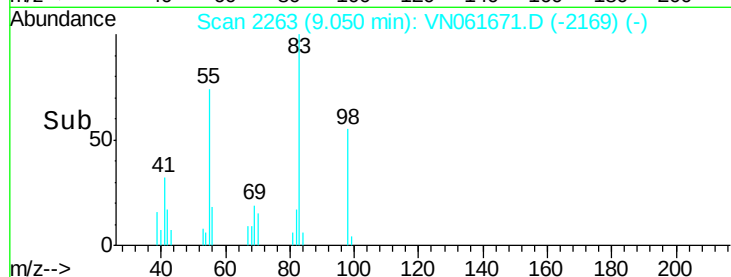
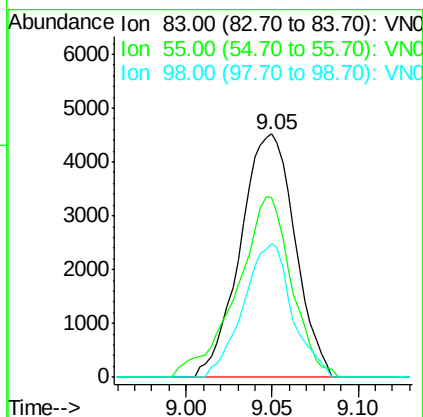
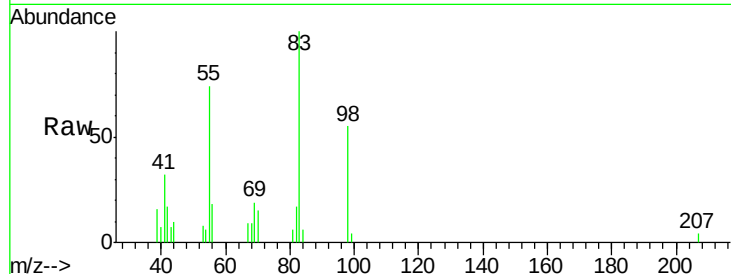




#39
Methylcyclohexane
Concen: 1.809 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN061671.D
Acq: 5 Jun 2020 15:54

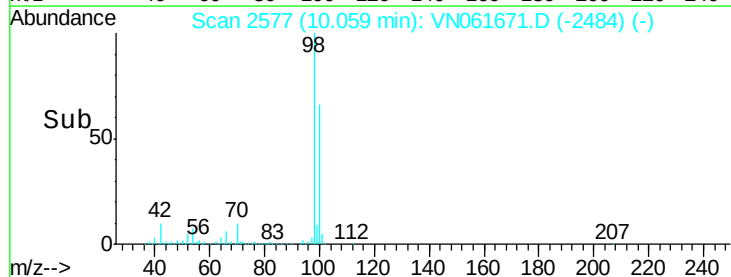
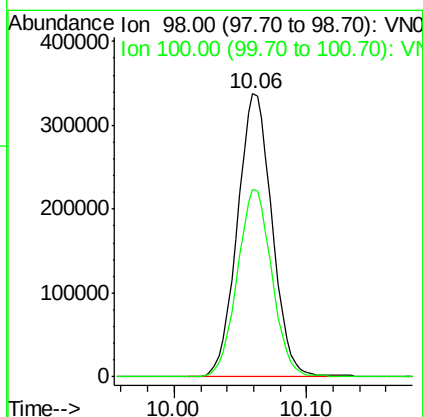
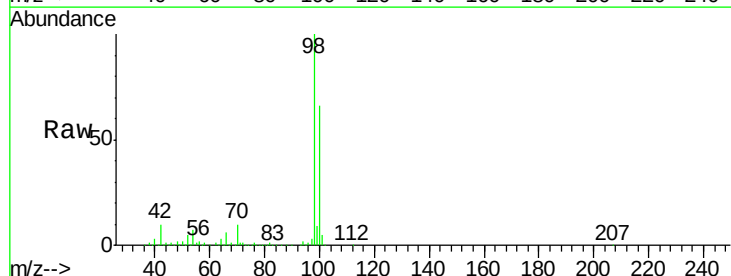
Instrument :
MSVOA_N
ClientSampleId :
MW-16

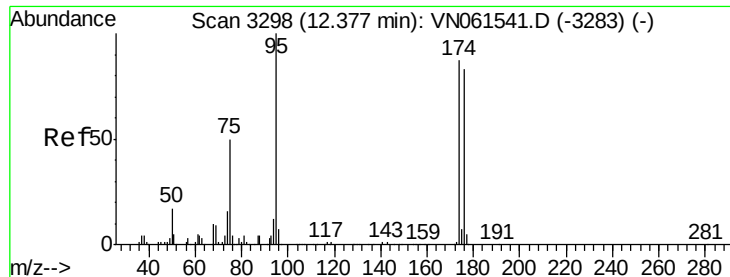
Tot Ion: 83 Resp: 9991
Ion Ratio Lower Upper
83 100
55 73.5 54.9 82.3
98 54.6 41.0 61.4



#50
Toluene-d8
Concen: 51.419 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061671.D
Acq: 5 Jun 2020 15:54

Tgt Ion: 98 Resp: 611976
Ion Ratio Lower Upper
98 100
100 66.3 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 53.998 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061671.D

Acq: 5 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

MW-16

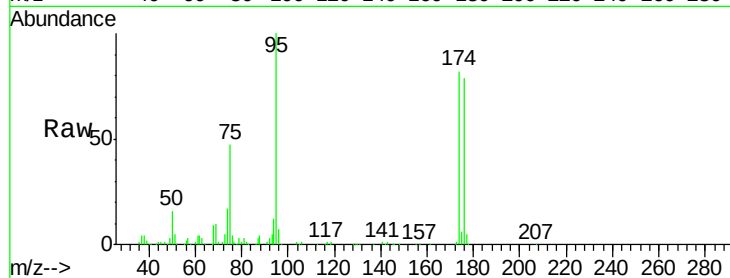
Tot Ion: 95 Resp: 234468

Ion Ratio Lower Upper

95 100

174 81.6 0.0 172.8

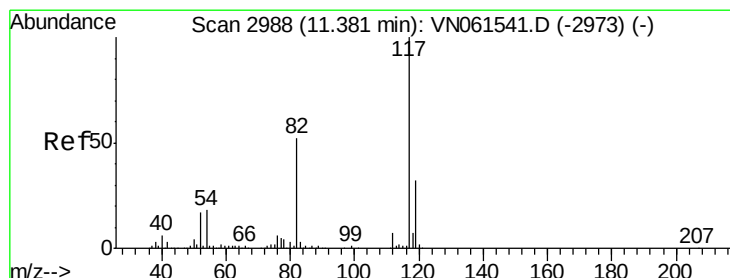
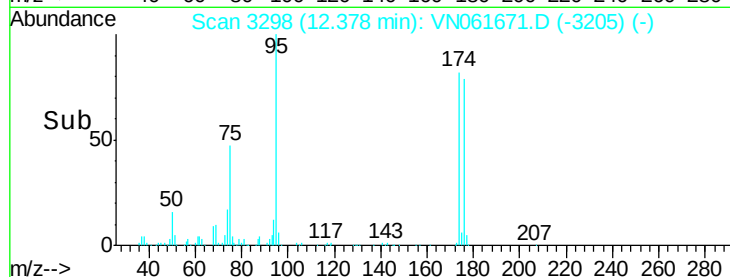
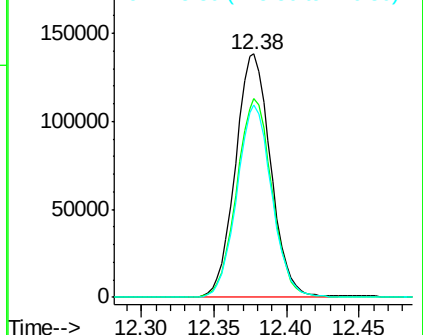
176 78.0 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061671.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061671.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061671.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061671.D

Acq: 5 Jun 2020 15:54

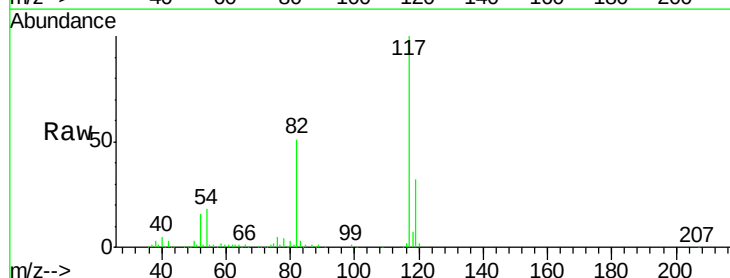
Tgt Ion: 117 Resp: 501618

Ion Ratio Lower Upper

117 100

82 51.3 41.5 62.3

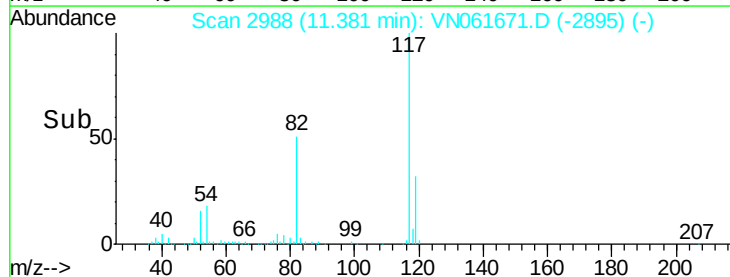
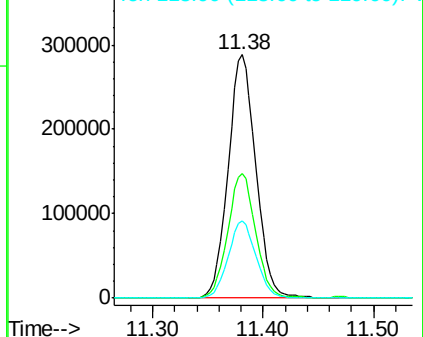
119 31.5 25.6 38.4

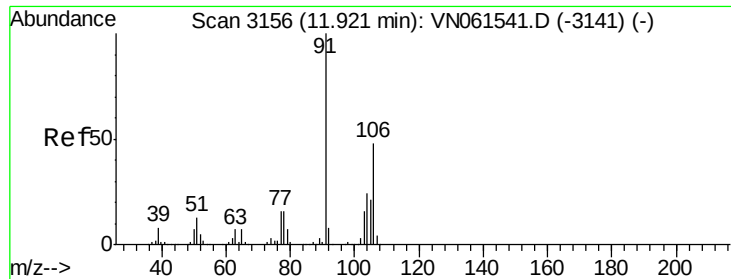


Abundance Ion 116.90 (116.60 to 117.60): VN061671.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061671.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061671.D (-2895) (-)

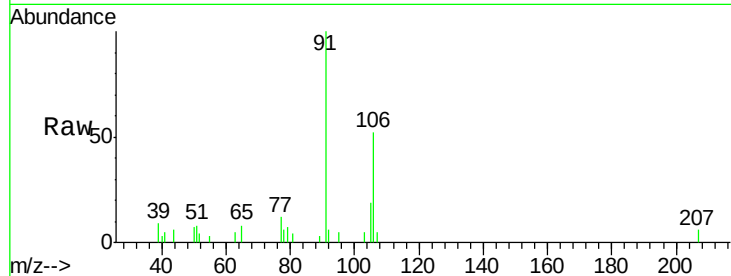




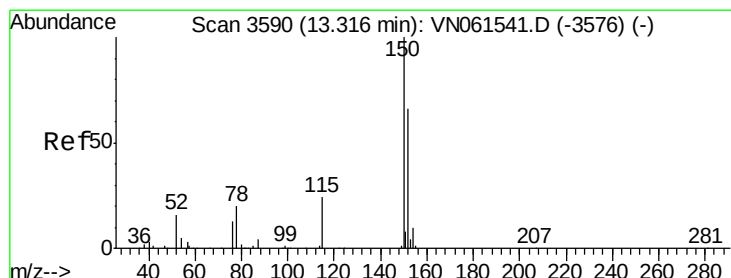
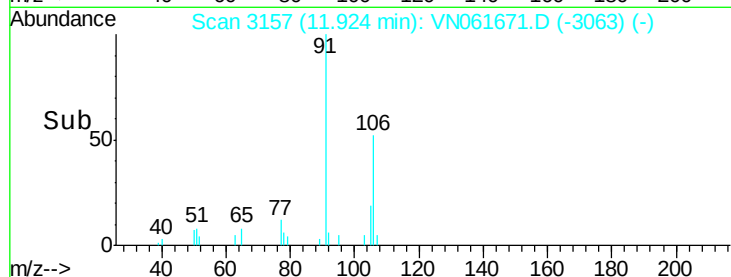
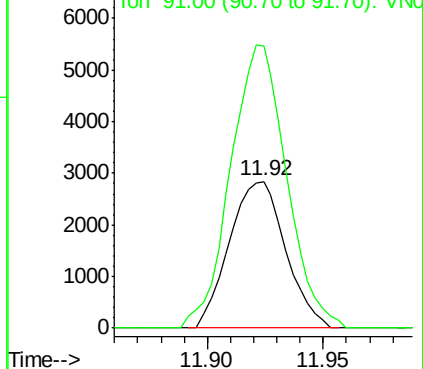
#69
o-Xylene
Concen: 0.705 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN061671.D
Acq: 5 Jun 2020 15:54

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tot Ion:106 Resp: 4783
Ion Ratio Lower Upper
106 100
91 192.0 103.3 309.8

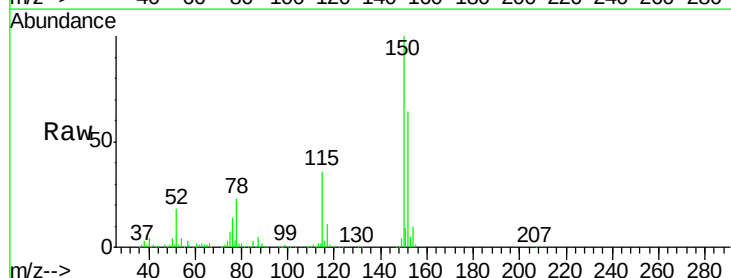


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

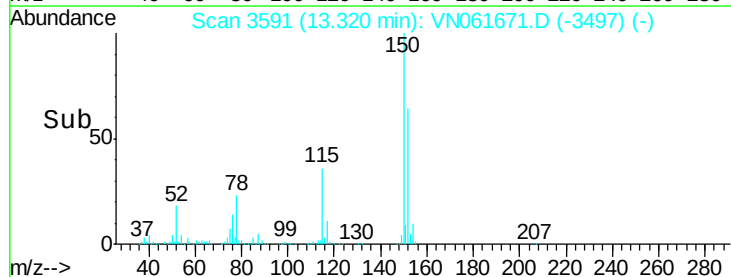
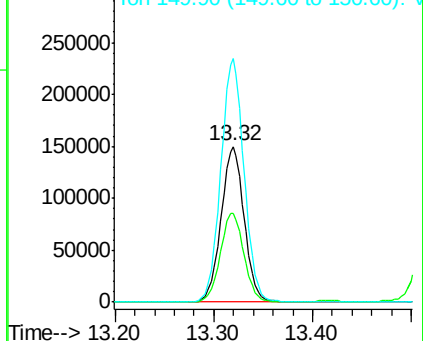


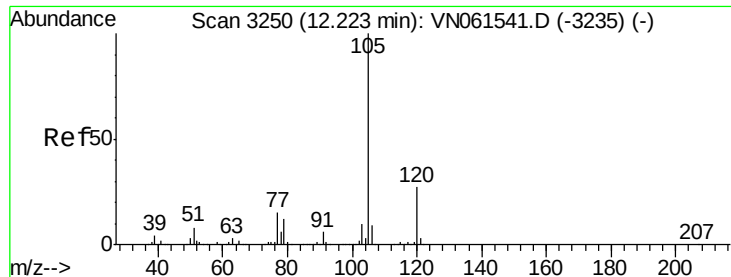
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061671.D
Acq: 5 Jun 2020 15:54

Tgt Ion:152 Resp: 246429
Ion Ratio Lower Upper
152 100
115 57.9 28.0 84.0
150 157.7 0.0 344.0



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: 3.852 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061671.D

Acq: 5 Jun 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

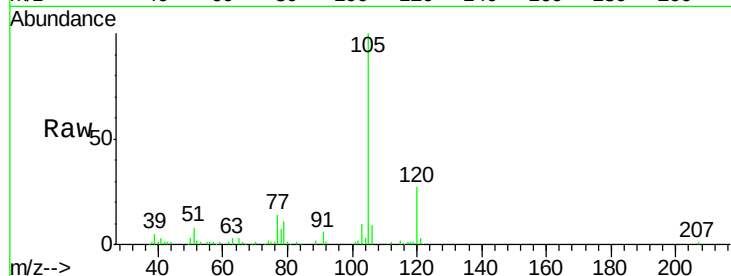
MW-16

Tot Ion:105 Resp: 69284

Ion Ratio Lower Upper

105 100

120 27.7 13.8 41.3

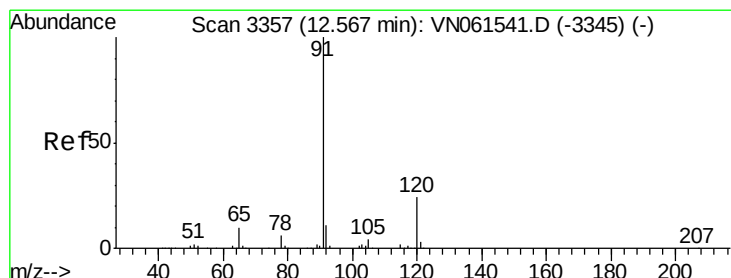
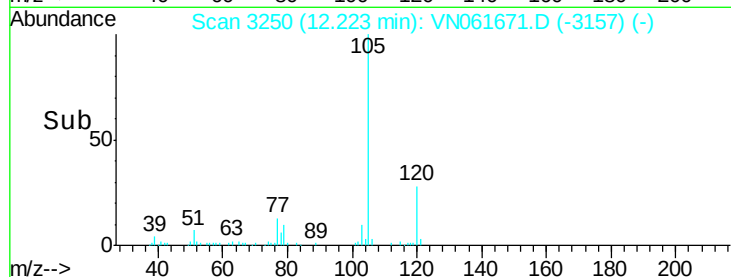


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

Time-->



#78

n-propylbenzene

Concen: 5.177 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061671.D

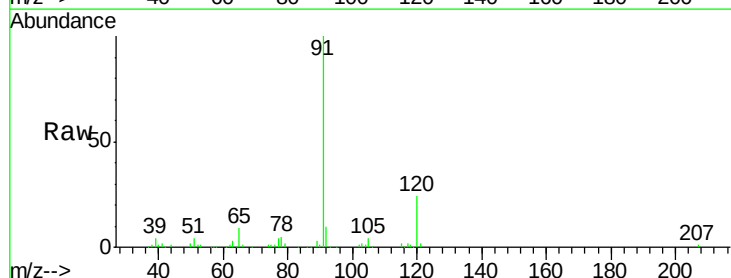
Acq: 5 Jun 2020 15:54

Tgt Ion: 91 Resp: 103951

Ion Ratio Lower Upper

91 100

120 23.5 12.3 36.9

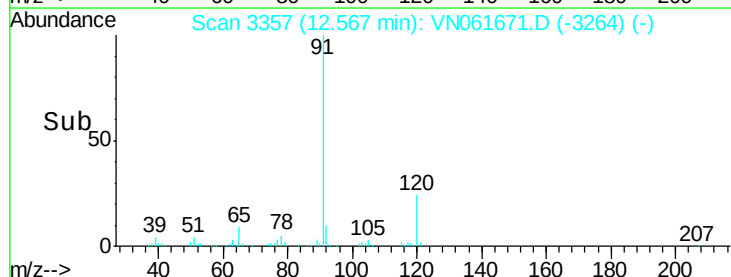


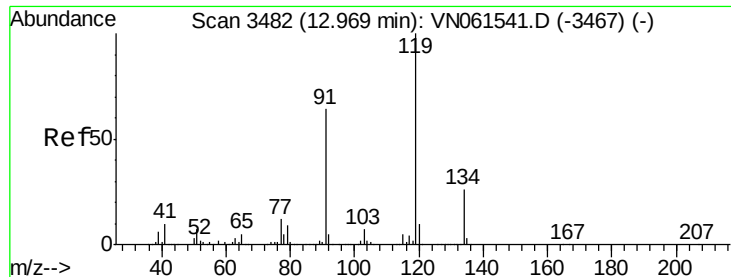
Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

12.57

Time-->

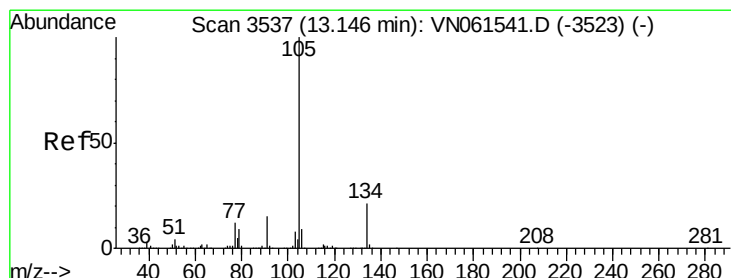
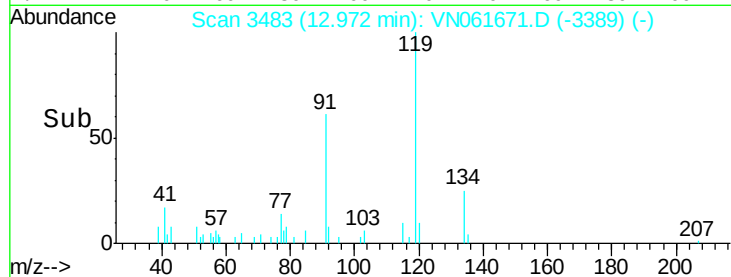
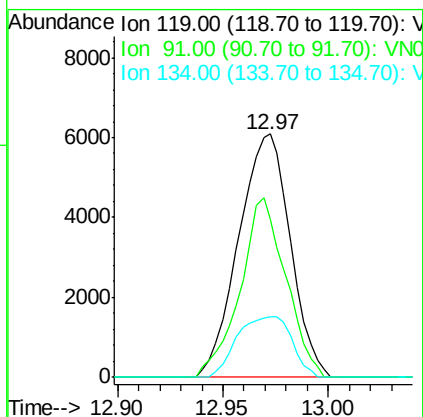
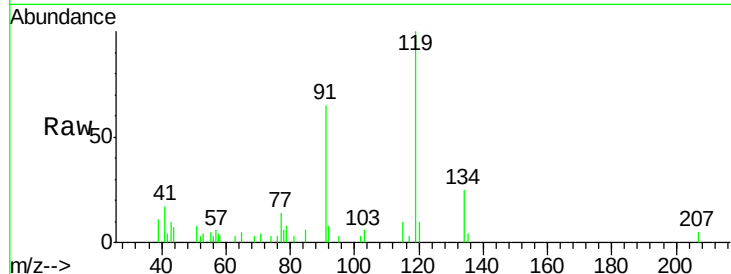




#83
tert-Butylbenzene
Concen: 0.779 ug/l
RT: 12.97 min Scan# 3483
Delta R.T. 0.00 min
Lab File: VN061671.D
Acq: 5 Jun 2020 15:54

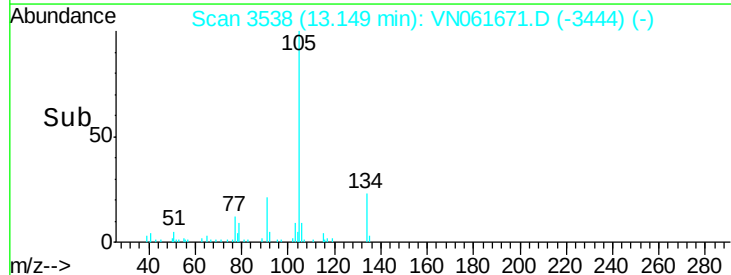
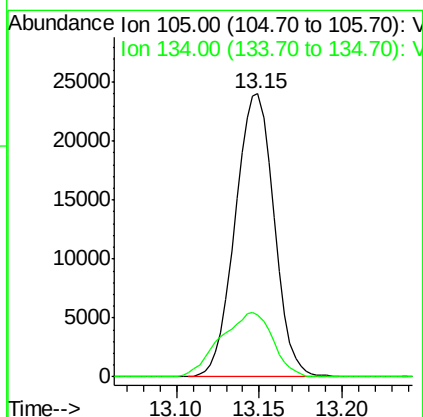
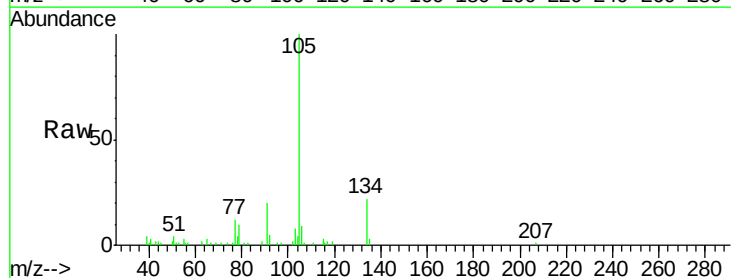
Instrument :
MSVOA_N
ClientSampled :
MW-16

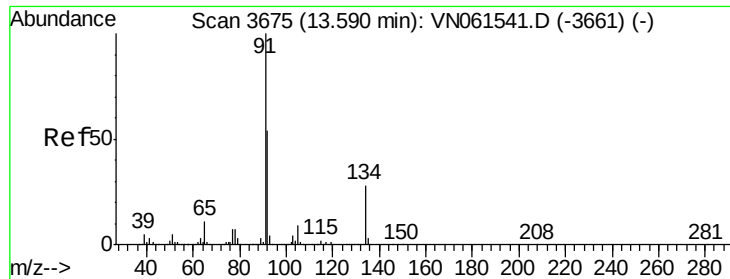
Tot Ion:119 Resp: 10344
Ion Ratio Lower Upper
119 100
91 65.2 31.3 93.8
134 26.3 13.5 40.4



#85
sec-Butylbenzene
Concen: 2.291 ug/l
RT: 13.15 min Scan# 3538
Delta R.T. 0.00 min
Lab File: VN061671.D
Acq: 5 Jun 2020 15:54

Tgt Ion:105 Resp: 39212
Ion Ratio Lower Upper
105 100
134 30.5 10.7 31.9





#89
 n-Butylbenzene
 Concen: 1.609 ug/l
 RT: 13.59 min Scan# 3674
 Delta R.T. -0.00 min
 Lab File: VN061671.D
 Acq: 5 Jun 2020 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Tot Ion	Ratio	Lower	Upper
91	100		
92	43.5	27.2	81.6
134	0.0	14.0	42.0

