

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059371.D
 Acq On : 22 Nov 2019 17:36
 Operator : JC/SP
 Sample : K5957-06DL 50X
 Misc : 5.45g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Nov 22 18:00:01 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

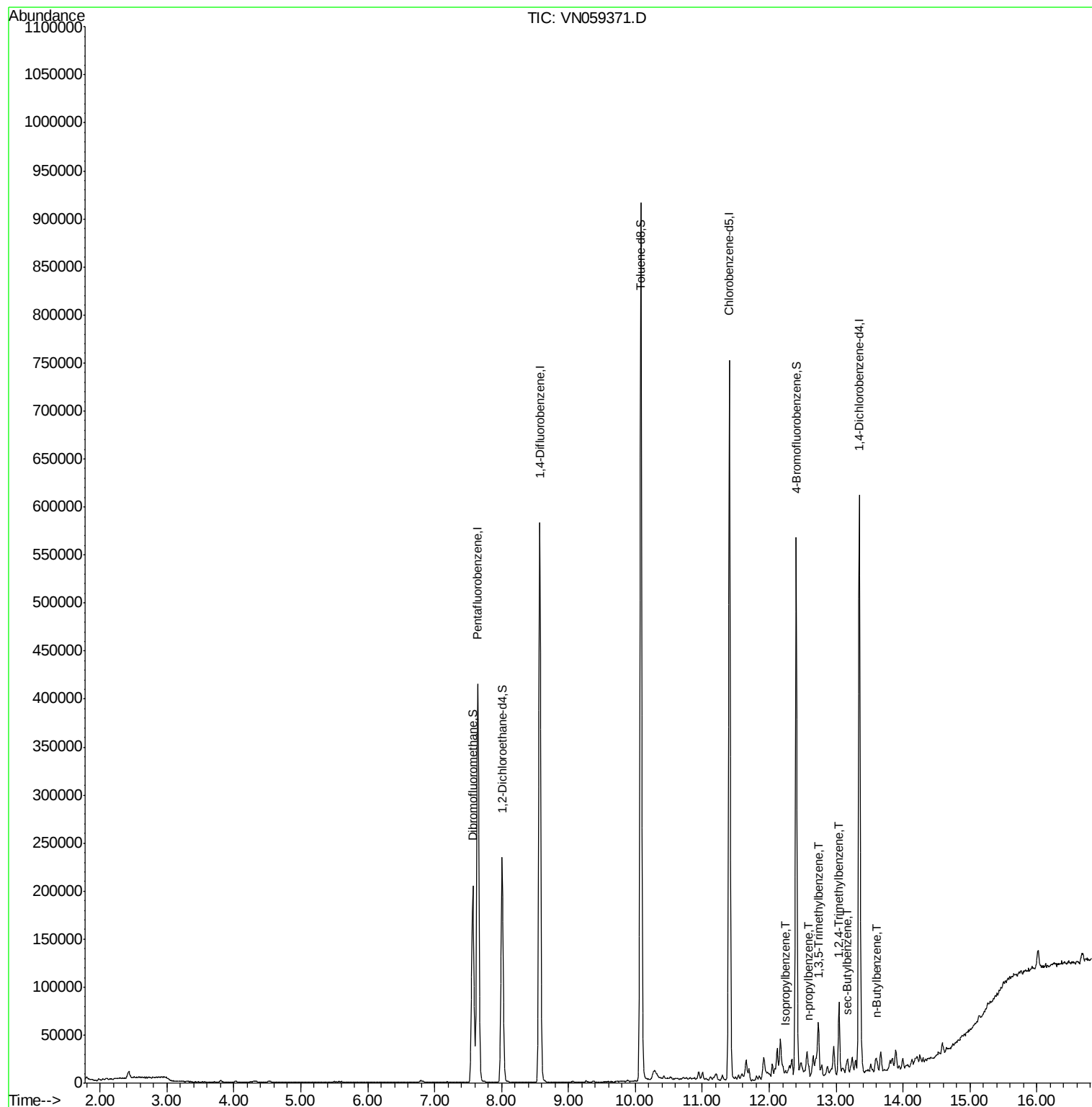
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	351960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	539253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	451511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	167571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	198516	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	7.57	113	158626	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.08	98	646833	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.40	95	200994	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
Target Compounds						
73) Isopropylbenzene	12.25	105	3003	0.219	ug/l	90
78) n-propylbenzene	12.59	91	8452	0.544	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	17738	1.537	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	41247	3.649	ug/l	99
85) sec-Butylbenzene	13.17	105	8486	0.648	ug/l #	74
89) n-Butylbenzene	13.62	91	6647	0.650	ug/l #	73

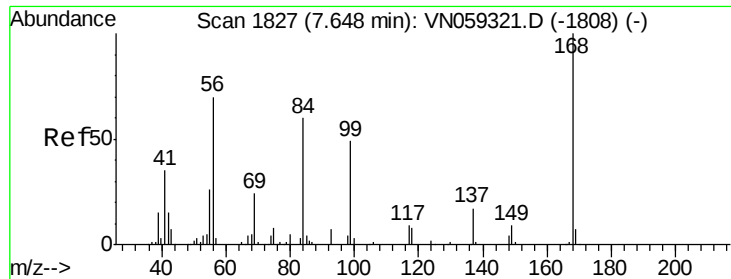
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112219\
Data File : VN059371.D
Acq On : 22 Nov 2019 17:36
Operator : JC/SP
Sample : K5957-06DL 50X
Misc : 5.45g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Nov 22 18:00:01 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: VN059371.D

Acq: 22 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

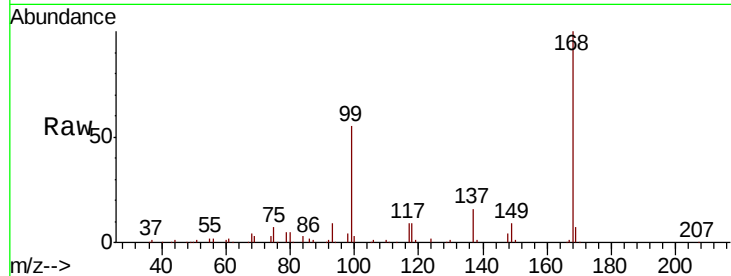
MW-3-(17-20)DL

Tot Ion:168 Resp: 351960

Ion Ratio Lower Upper

168 100

99 55.5 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059371.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059371.D (-1808) (-)

7.65

150000

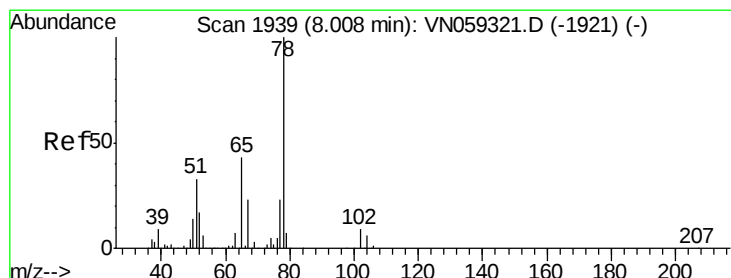
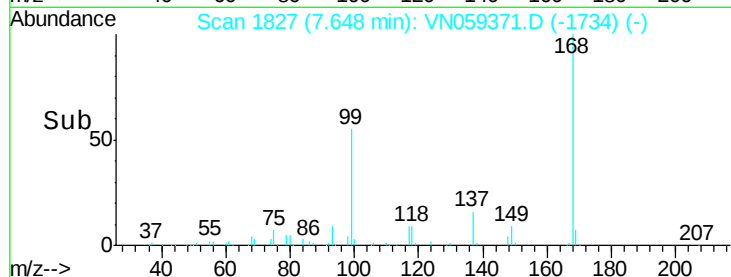
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.009 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059371.D

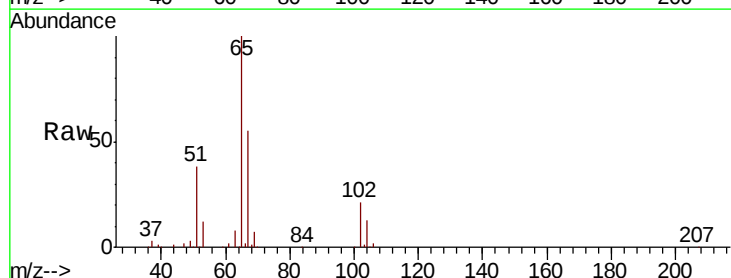
Acq: 22 Nov 2019 17:36

Tgt Ion: 65 Resp: 198516

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN059371.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN059371.D (-1921) (-)

8.01

100000

80000

60000

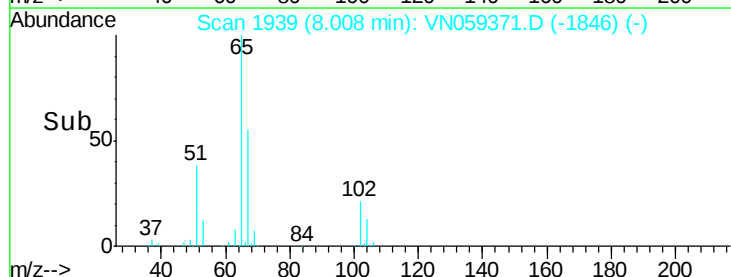
40000

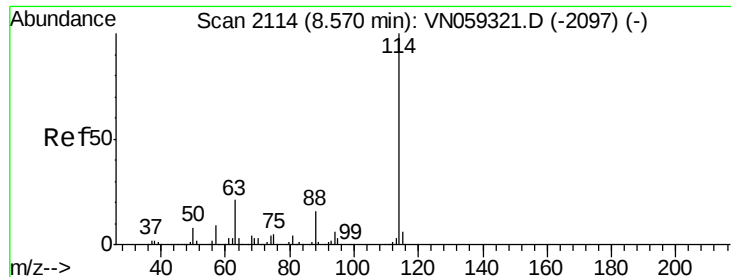
20000

0

7.90 8.00 8.10

Time-->

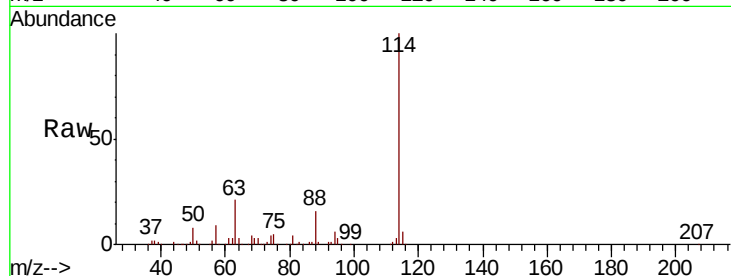




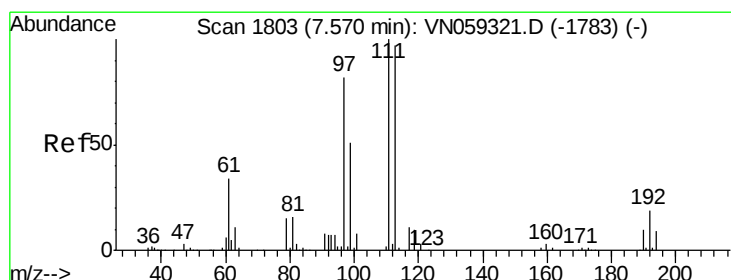
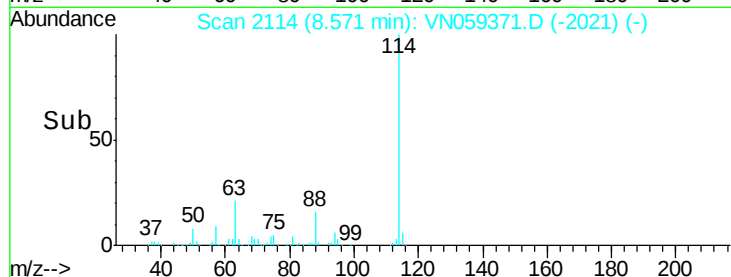
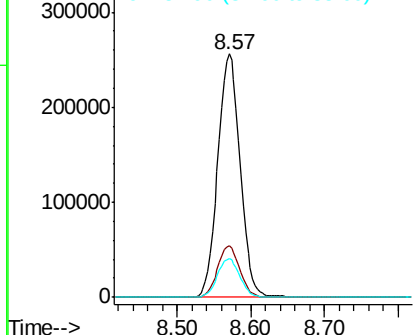
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059371.D
 Acq: 22 Nov 2019 17:36

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.2
88	15.8	0.0	32.2

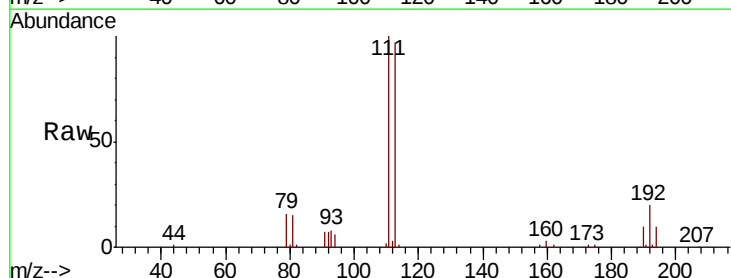


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

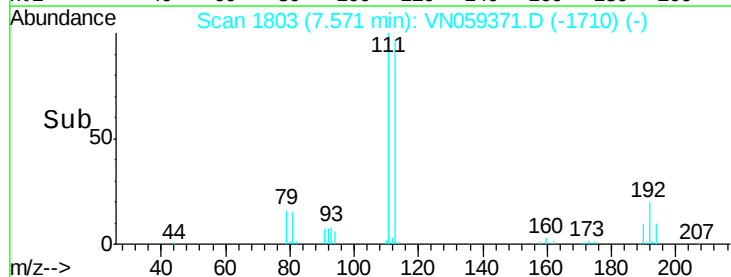
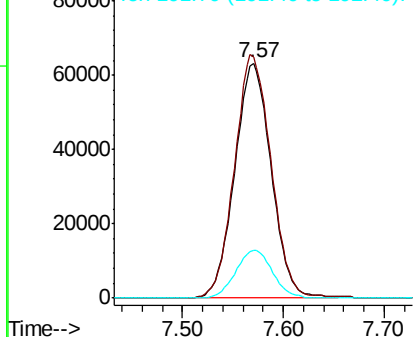


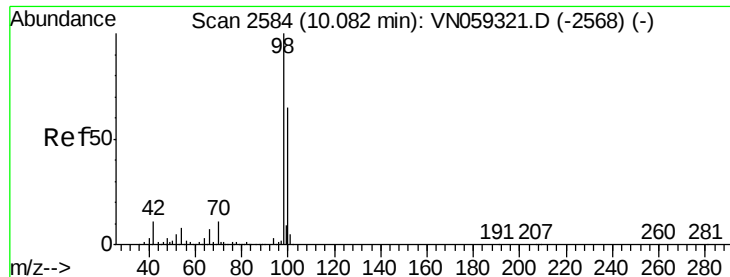
#35
 Dibromofluoromethane
 Concen: 49.031 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059371.D
 Acq: 22 Nov 2019 17:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.7	124.1
192	20.6	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: 50.293 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059371.D

Acq: 22 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

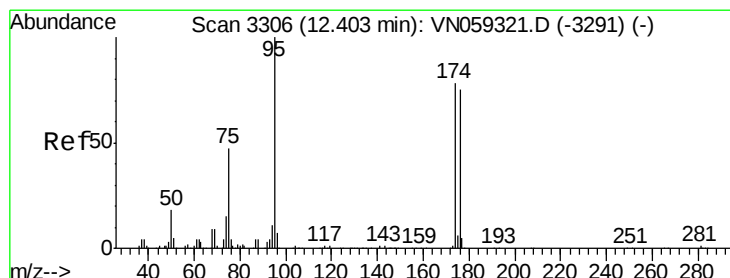
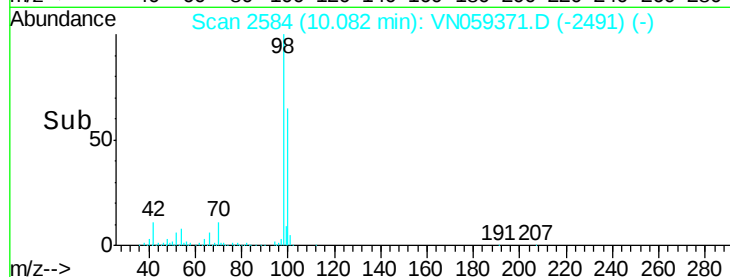
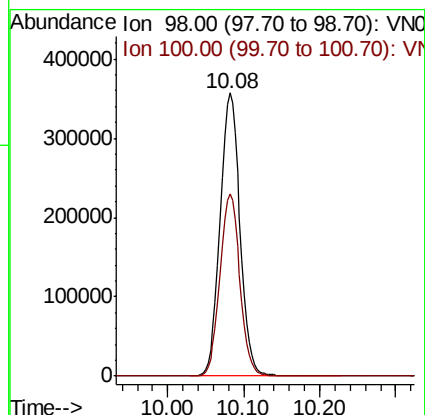
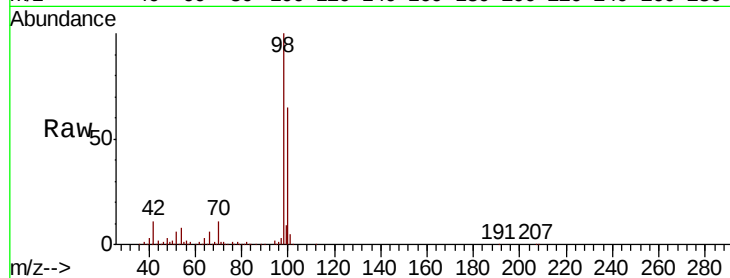
MW-3-(17-20)DL

Tot Ion: 98 Resp: 646833

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 44.695 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059371.D

Acq: 22 Nov 2019 17:36

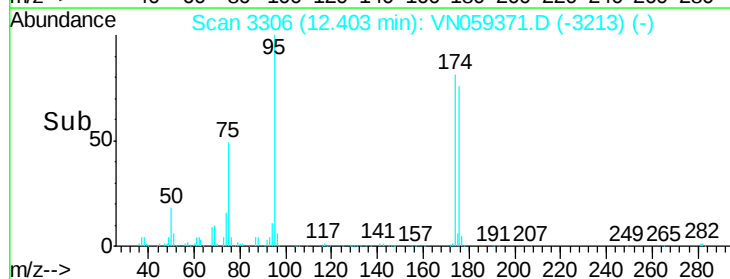
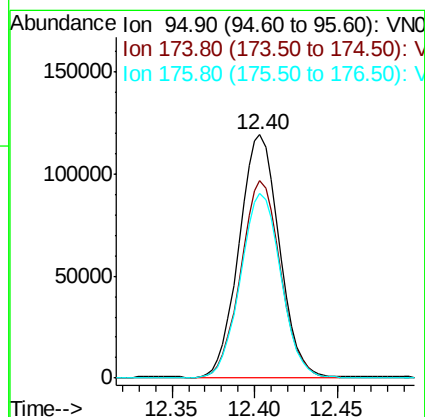
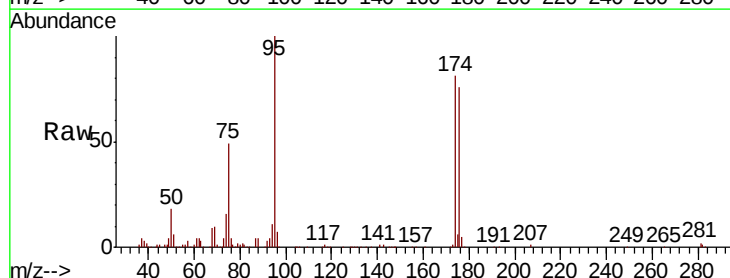
Tgt Ion: 95 Resp: 200994

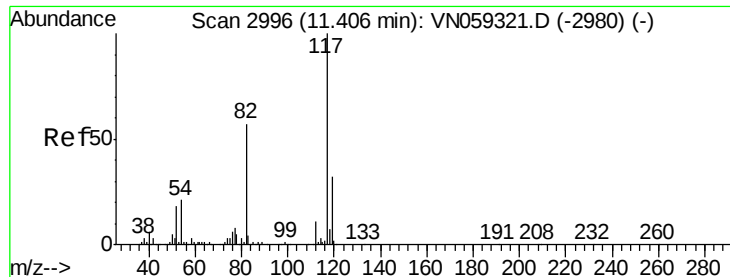
Ion Ratio Lower Upper

95 100

174 80.9 0.0 157.4

176 76.8 0.0 151.2

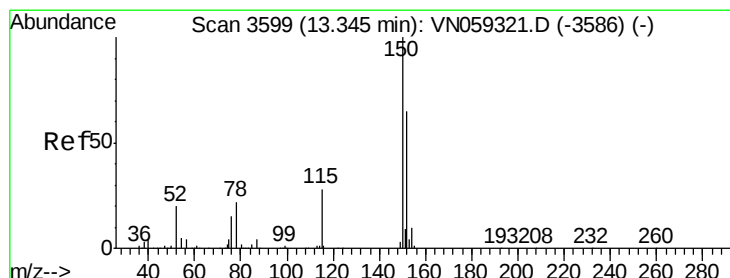
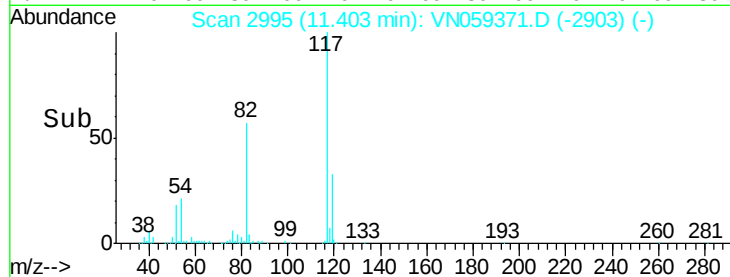
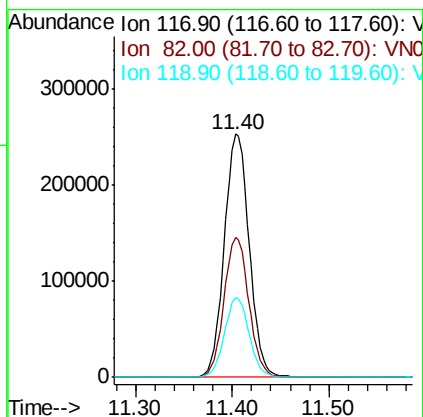
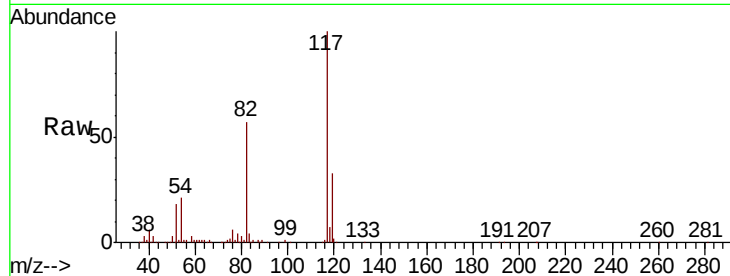




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059371.D
Acq: 22 Nov 2019 17:36

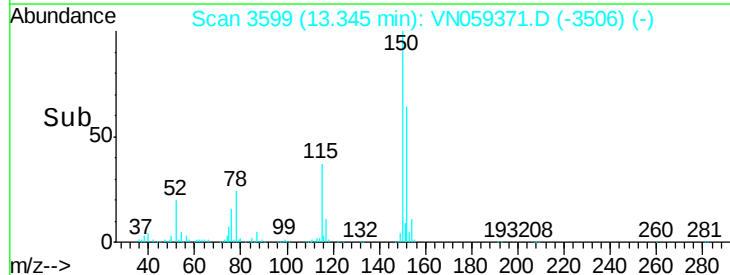
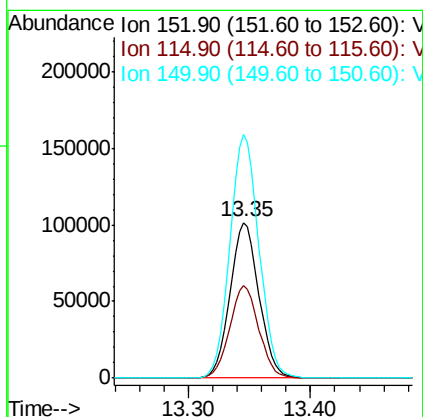
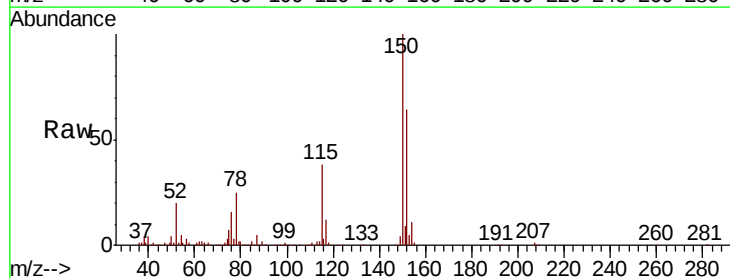
Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)DL

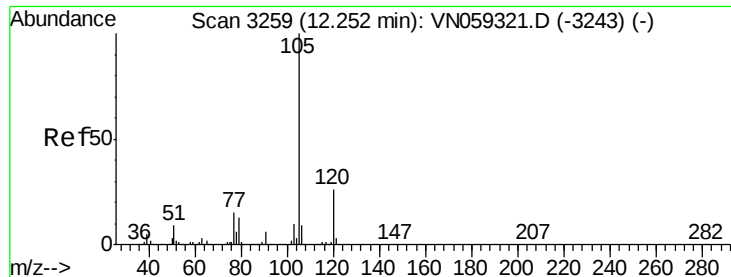
Tot Ion:117 Resp: 451511
Ion Ratio Lower Upper
117 100
82 57.2 45.7 68.5
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059371.D
Acq: 22 Nov 2019 17:36

Tgt Ion:152 Resp: 167571
Ion Ratio Lower Upper
152 100
115 59.2 29.3 88.0
150 157.8 0.0 346.0





#73

Isopropylbenzene

Concen: 0.219 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059371.D

Acq: 22 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

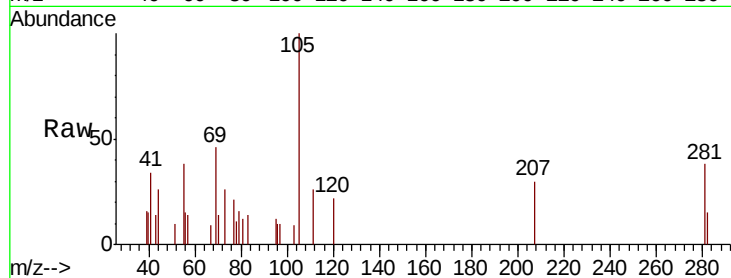
MW-3-(17-20)DL

Tot Ion: 105 Resp: 3003

Ion Ratio Lower Upper

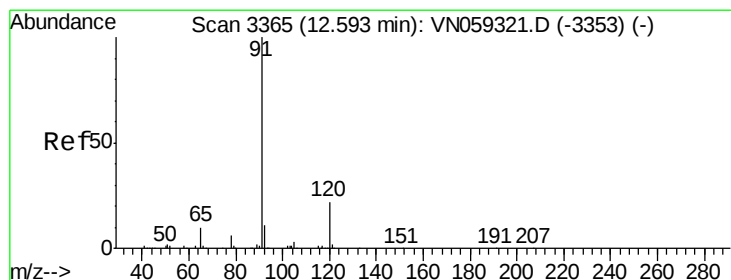
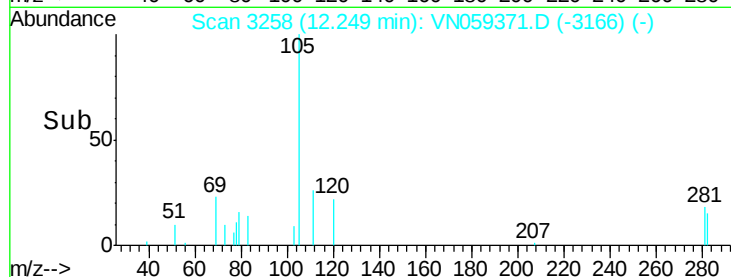
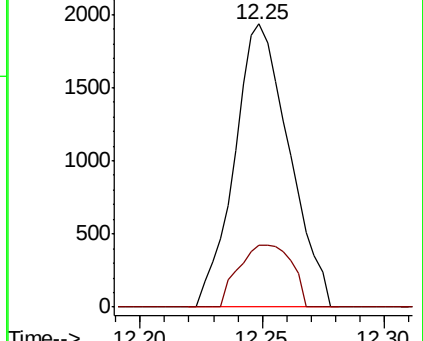
105 100

120 21.2 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: 0.544 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059371.D

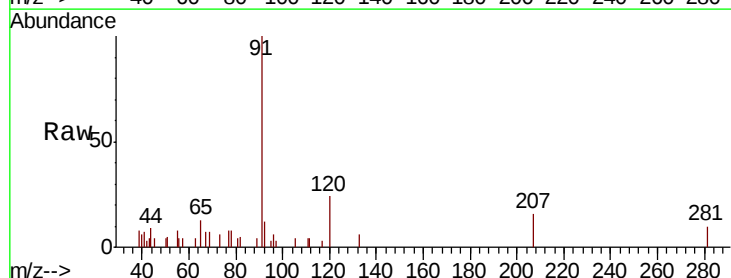
Acq: 22 Nov 2019 17:36

Tgt Ion: 91 Resp: 8452

Ion Ratio Lower Upper

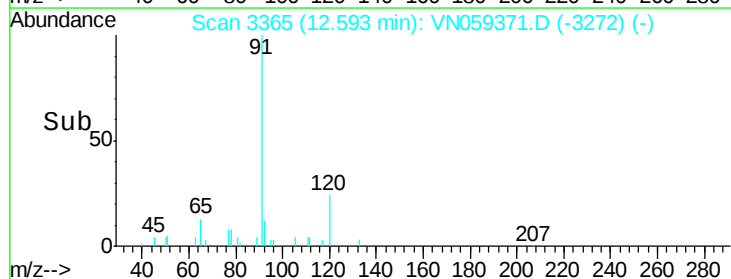
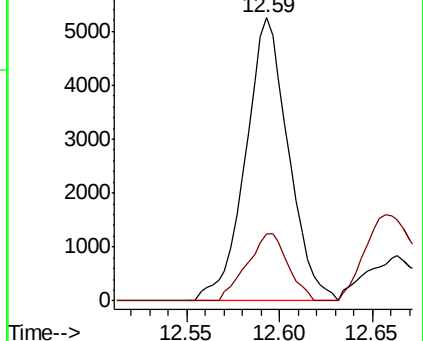
91 100

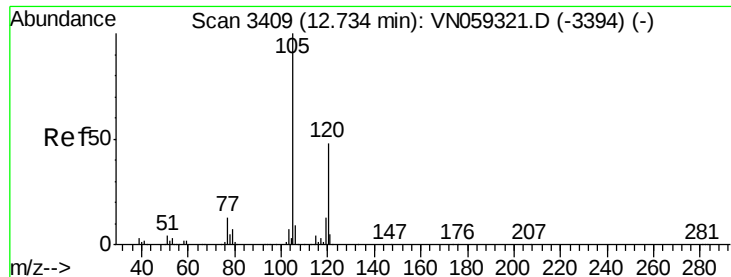
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.537 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059371.D

Acq: 22 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

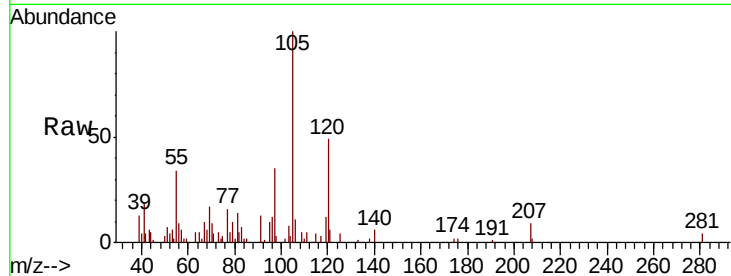
MW-3-(17-20)DL

Tot Ion:105 Resp: 17738

Ion Ratio Lower Upper

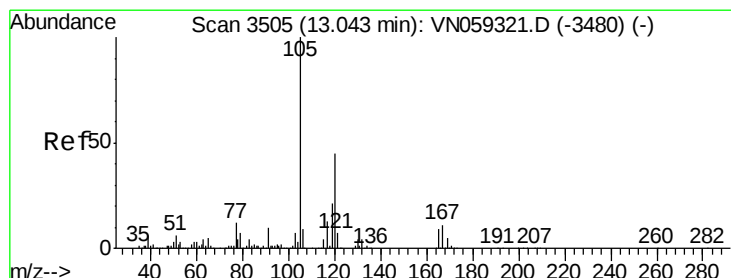
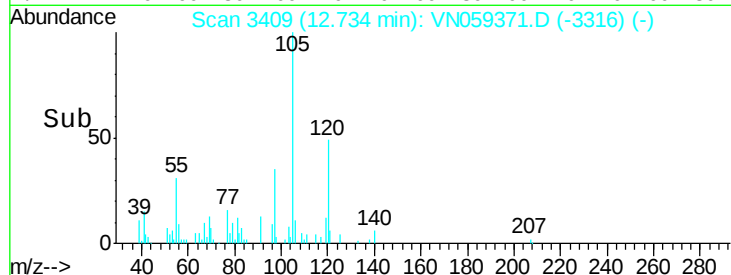
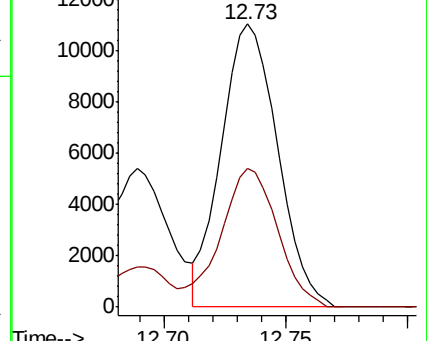
105 100

120 48.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.649 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059371.D

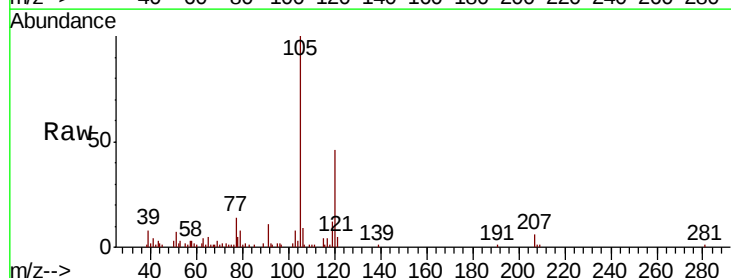
Acq: 22 Nov 2019 17:36

Tgt Ion:105 Resp: 41247

Ion Ratio Lower Upper

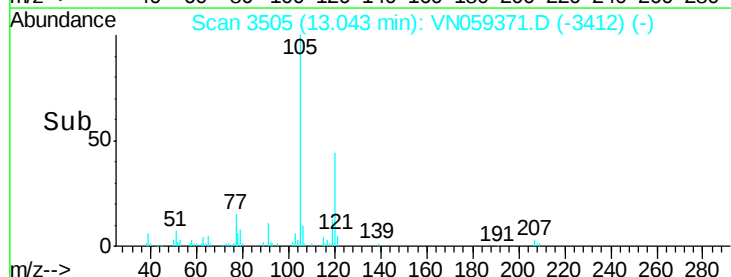
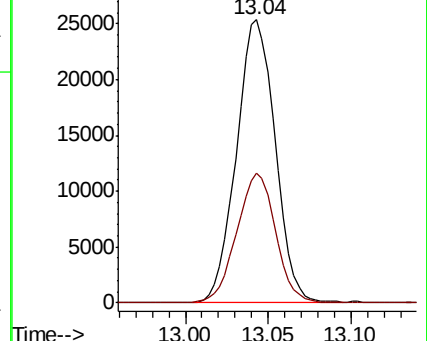
105 100

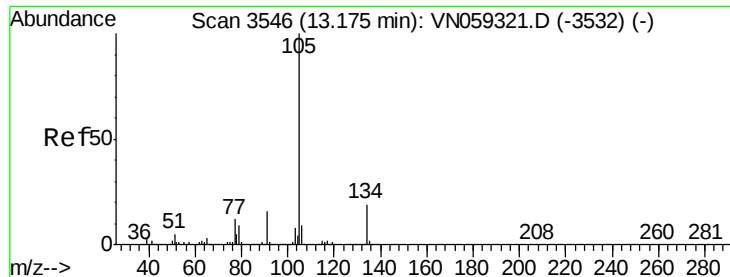
120 45.7 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.648 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059371.D

Acq: 22 Nov 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

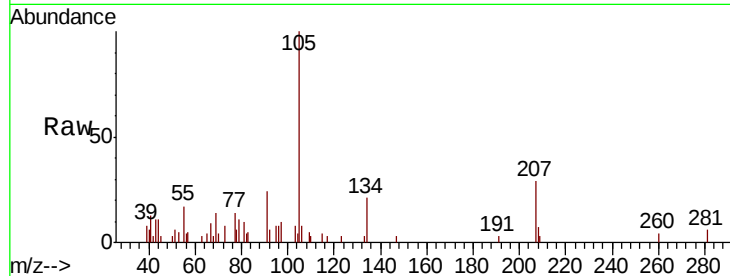
MW-3-(17-20)DL

Tot Ion:105 Resp: 8486

Ion Ratio Lower Upper

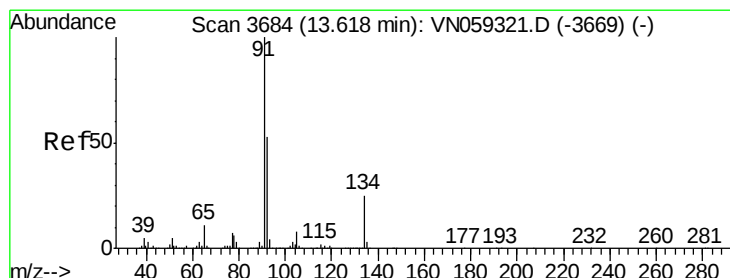
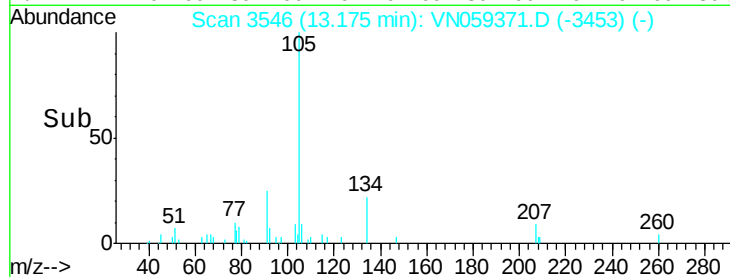
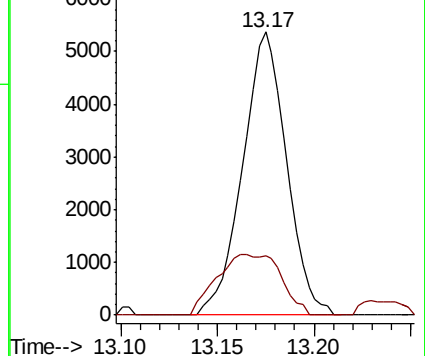
105 100

134 31.2 9.8 29.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.650 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059371.D

Acq: 22 Nov 2019 17:36

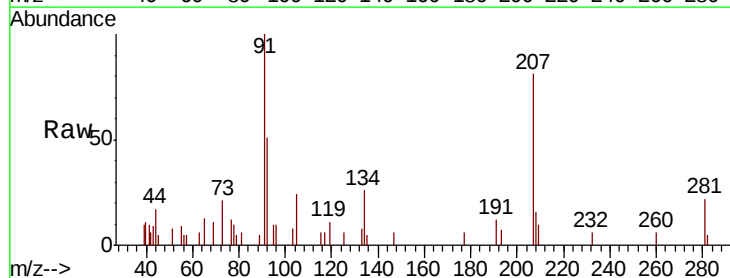
Tgt Ion: 91 Resp: 6647

Ion Ratio Lower Upper

91 100

92 41.2 26.0 78.0

134 0.0 12.7 38.1#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

