

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055651.D
 Acq On : 18 May 2019 8:27
 Operator : JC/SP
 Sample : K2880-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 339-RBR-251608

Quant Time: May 20 03:05:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

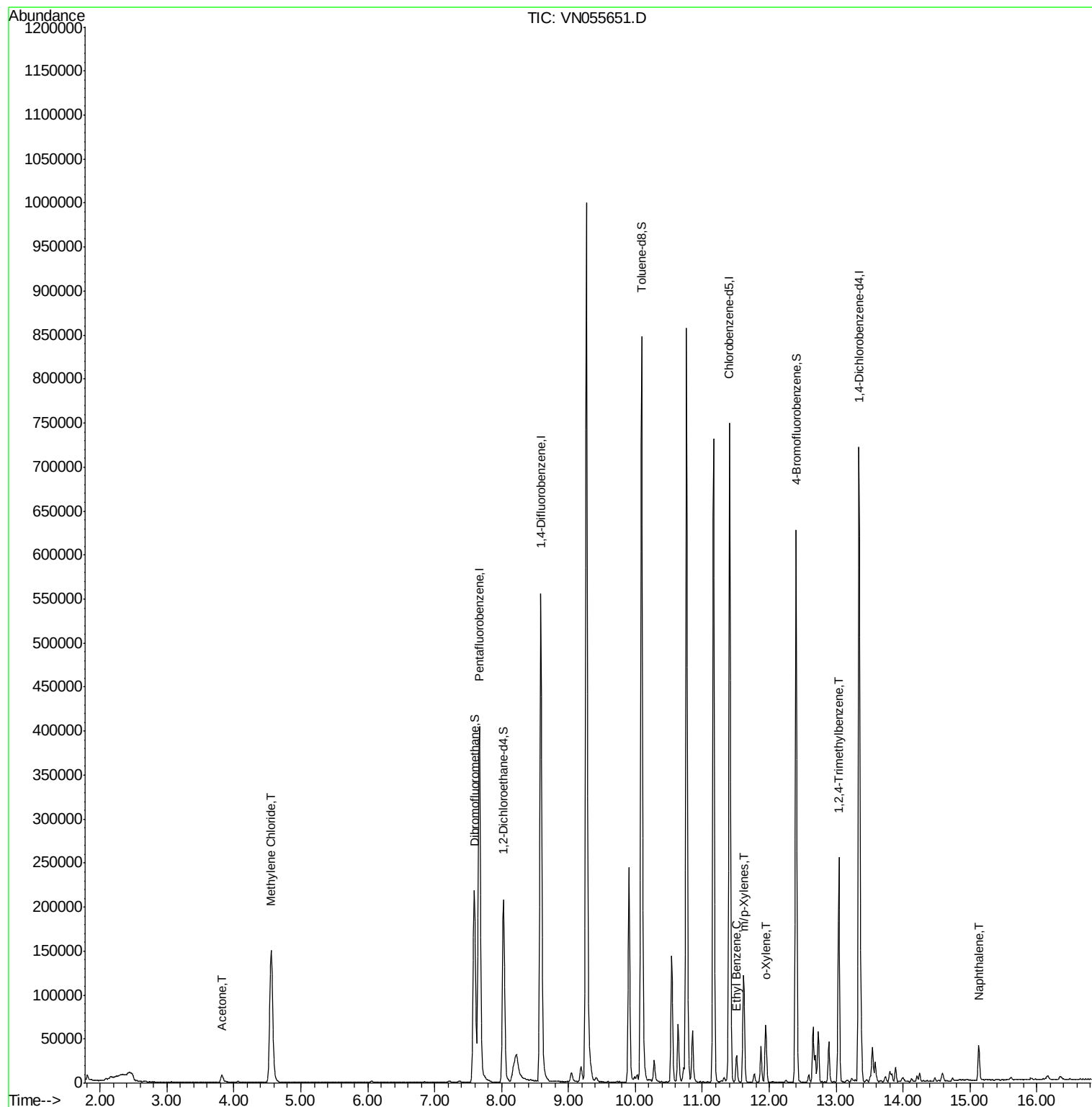
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	388707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	558005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	184258	43.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.48%	
35) Dibromofluoromethane	7.59	113	172247	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	10.09	98	644920	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.40	95	218969	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
Target Compounds						
16) Acetone	3.82	43	15614	8.979	ug/l	97
20) Methylene Chloride	4.56	84	126279	31.821	ug/l	98
67) Ethyl Benzene	11.51	91	24149	1.399	ug/l	98
68) m/p-Xylenes	11.62	106	42004	6.446	ug/l	98
69) o-Xylene	11.95	106	19092	2.995	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	150506	10.522	ug/l	99
95) Naphthalene	15.13	128	37352	5.044	ug/l	99

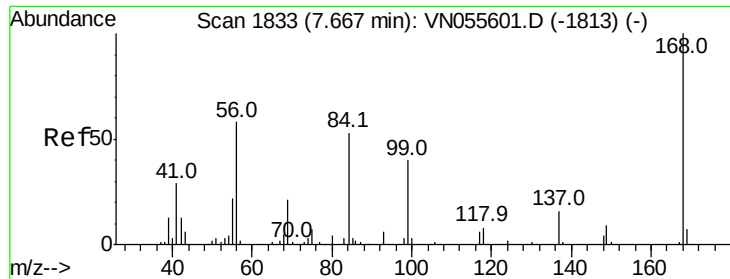
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051719\
Data File : VN055651.D
Acq On : 18 May 2019 8:27
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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

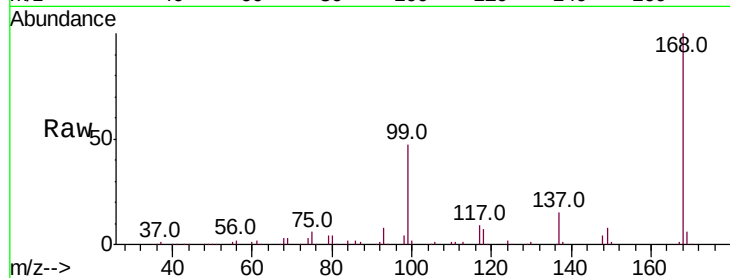
339-RBR-251608

Tot Ion:168 Resp: 388707

Ion Ratio Lower Upper

168 100

99 46.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055651.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055651.D (-1813) (-)

7.67

150000

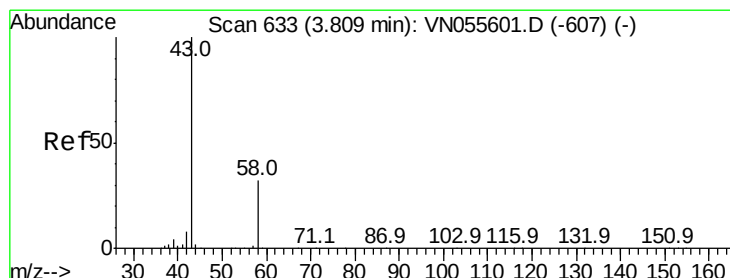
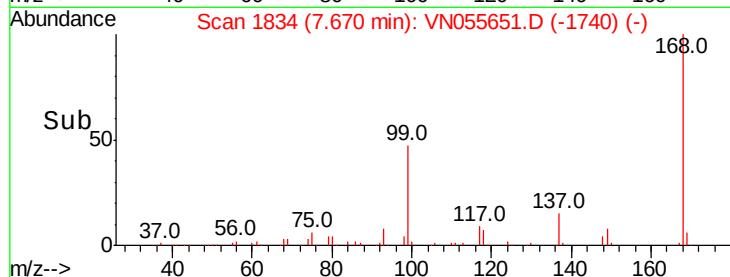
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.979 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055651.D

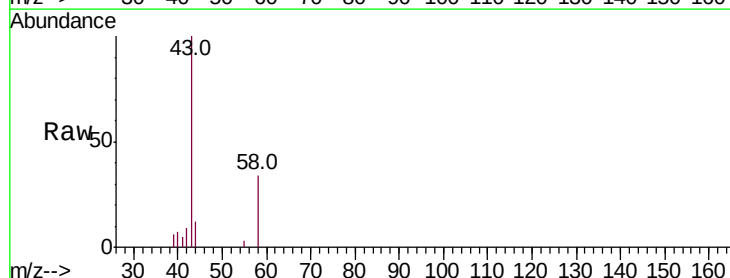
Acq: 18 May 2019 8:27

Tgt Ion: 43 Resp: 15614

Ion Ratio Lower Upper

43 100

58 34.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055651.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055651.D (-607) (-)

3.82

6000

5000

4000

3000

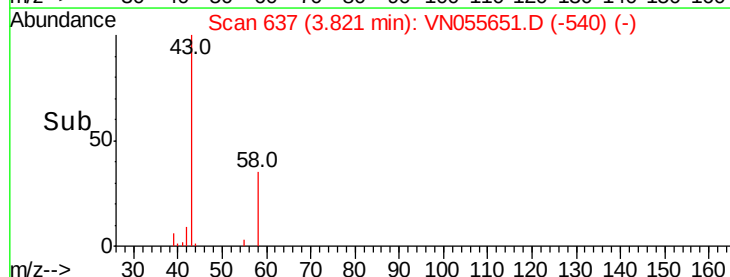
2000

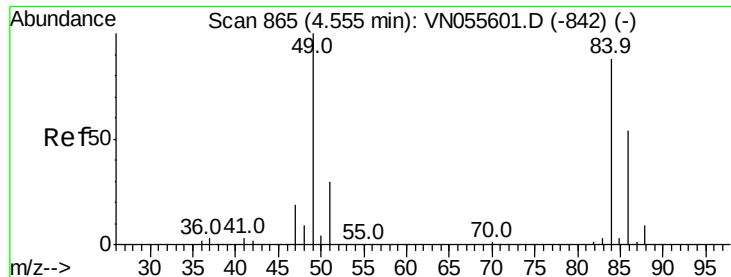
1000

0

3.75 3.80 3.85 3.90

Time-->

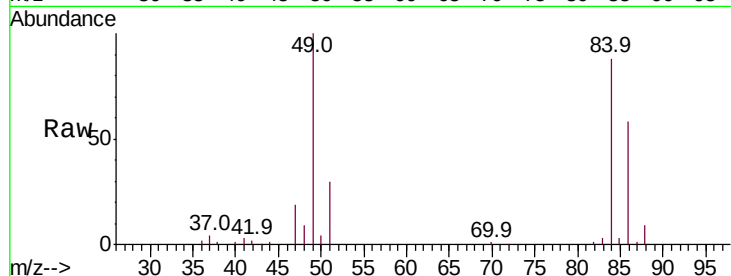




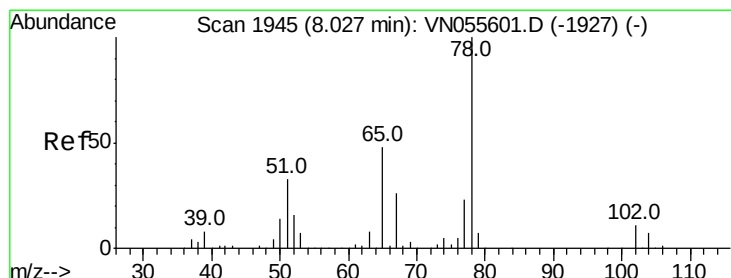
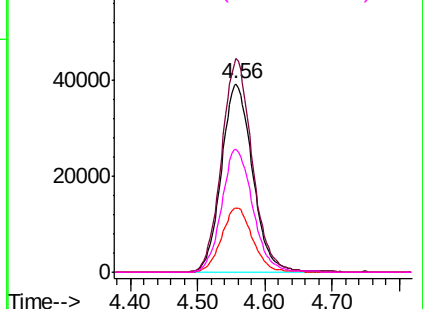
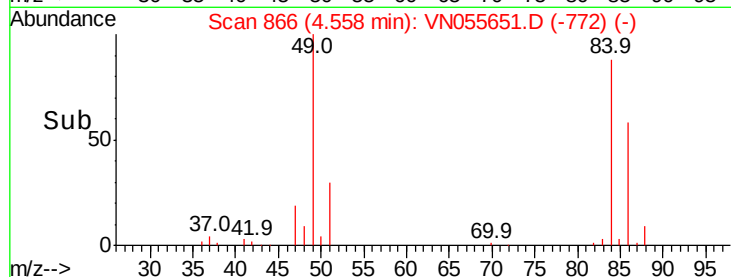
#20
Methylene Chloride
Concen: 31.821 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Instrument :
MSVOA_N
ClientSampleId :
339-RBR-251608

Tot Ion: 84 Resp: 126279
Ion Ratio Lower Upper
84 100
49 113.5 91.0 136.4
51 34.1 27.5 41.3
86 65.6 49.4 74.0

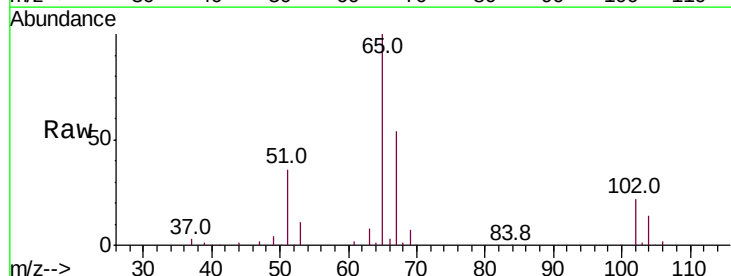


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

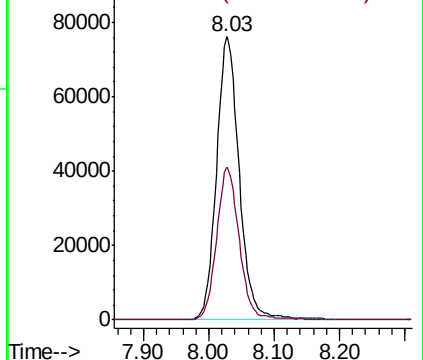
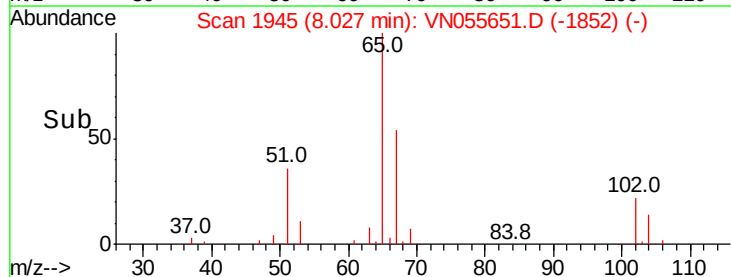


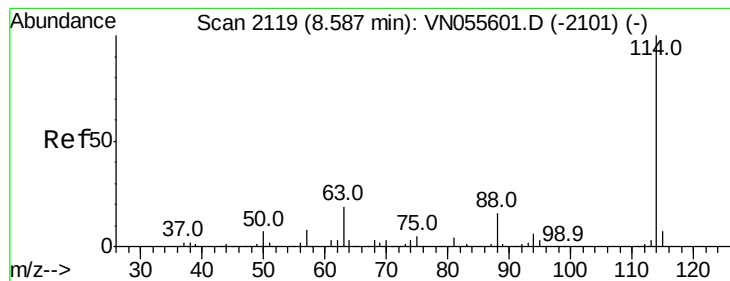
#33
1,2-Dichloroethane-d4
Concen: 43.243 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Tgt Ion: 65 Resp: 184258
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

339-RBR-251608

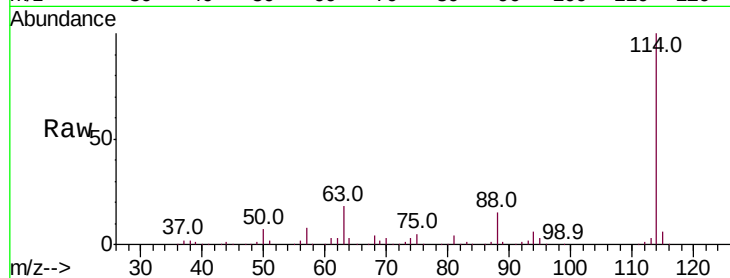
Tot Ion:114 Resp: 558005

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.2

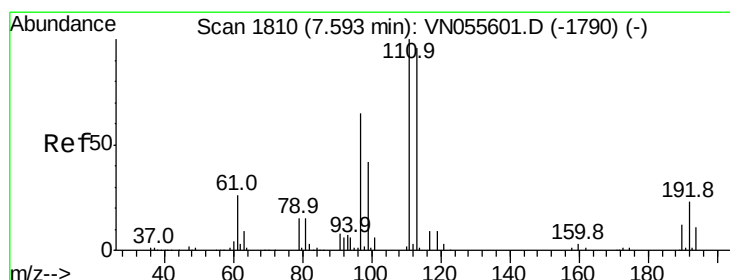
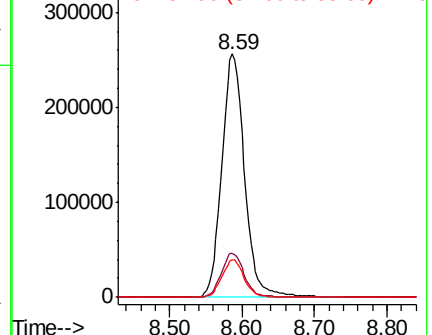
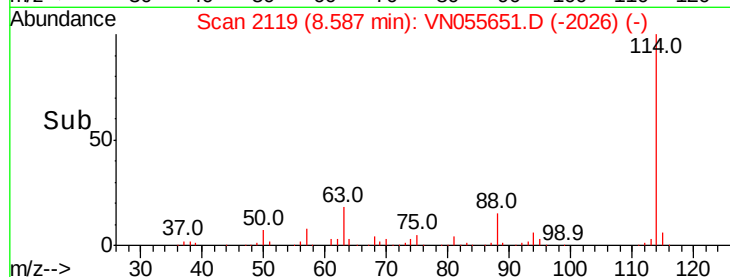
88 15.4 0.0 31.0



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: 48.593 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

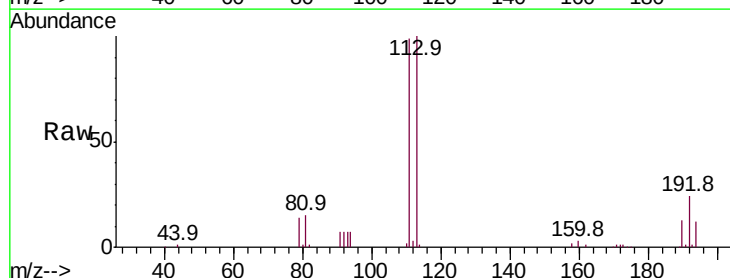
Tgt Ion:113 Resp: 172247

Ion Ratio Lower Upper

113 100

111 102.6 82.5 123.7

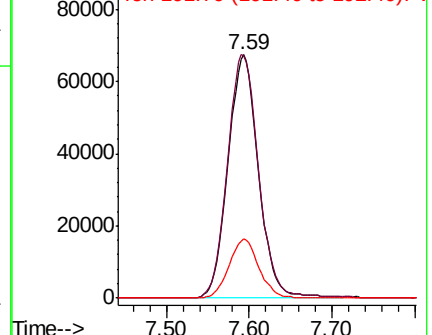
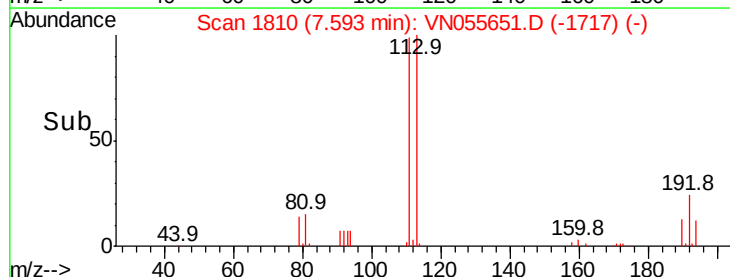
192 23.7 18.7 28.1

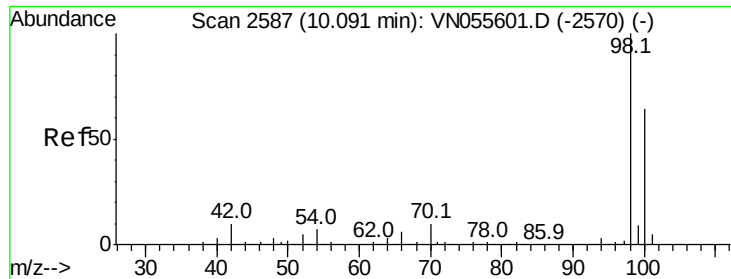


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

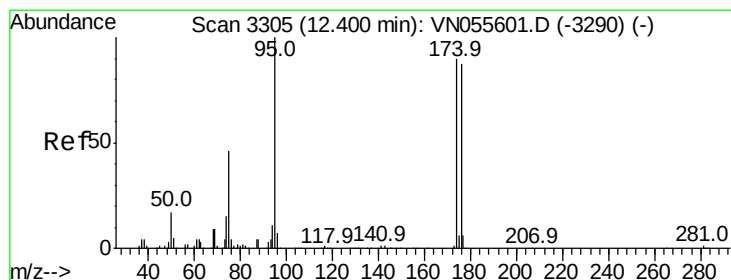
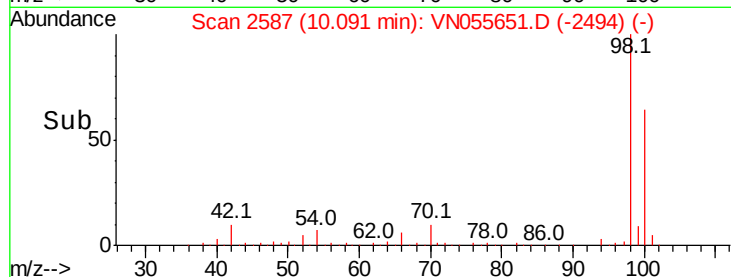
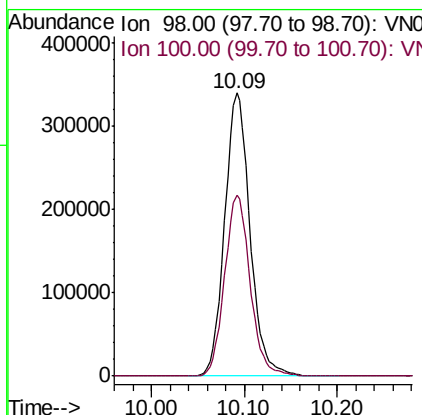
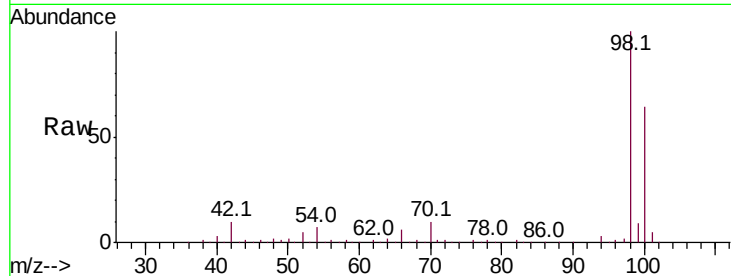




#50
Toluene-d8
Concen: 48.118 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

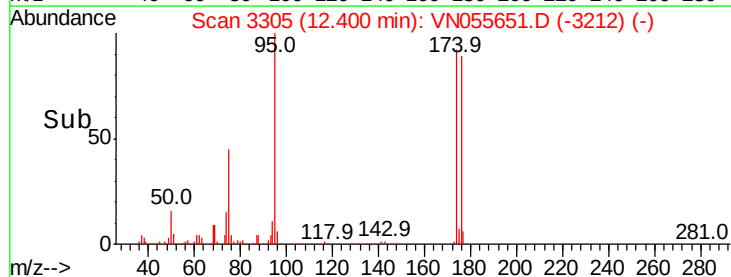
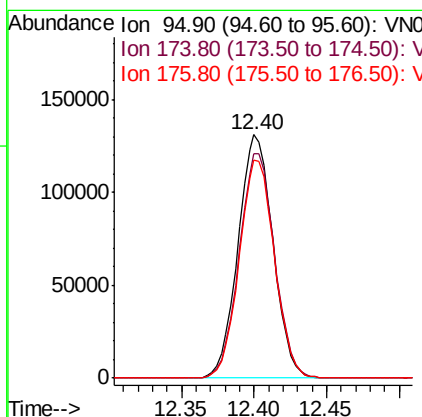
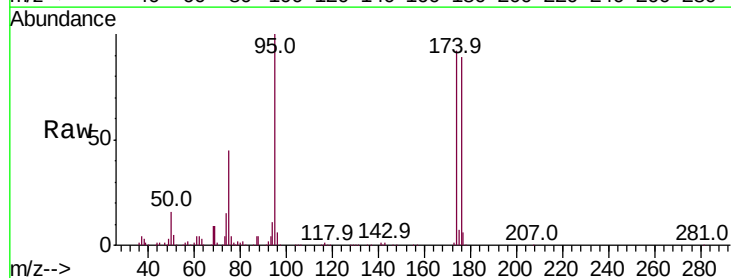
Instrument :
MSVOA_N
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339-RBR-251608

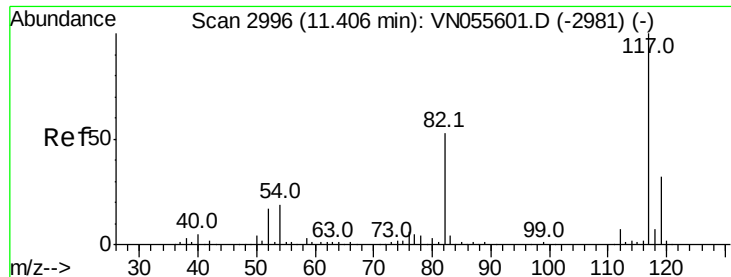
Tot Ion: 98 Resp: 644920
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.311 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Tgt Ion: 95 Resp: 218969
Ion Ratio Lower Upper
95 100
174 93.5 0.0 180.6
176 90.7 0.0 177.4

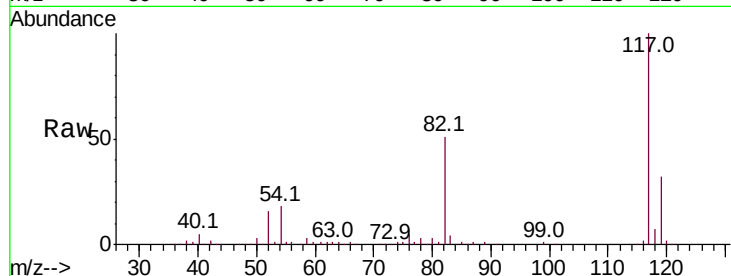




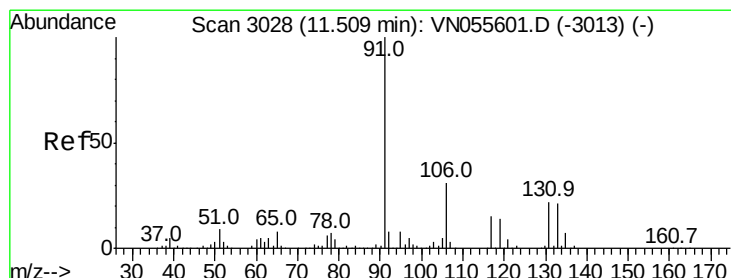
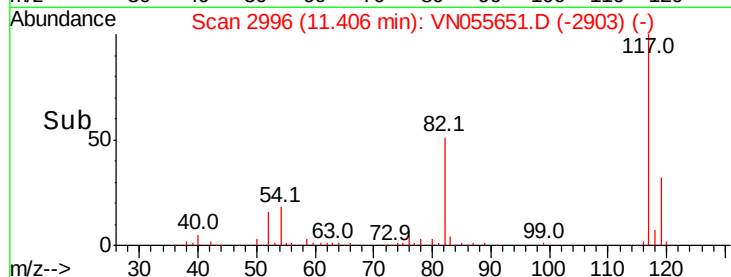
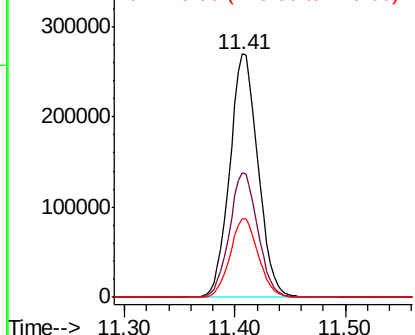
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Instrument :
MSVOA_N
ClientSampleId :
339-RBR-251608

Tot Ion:117 Resp: 478927
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 32.4 25.4 38.2

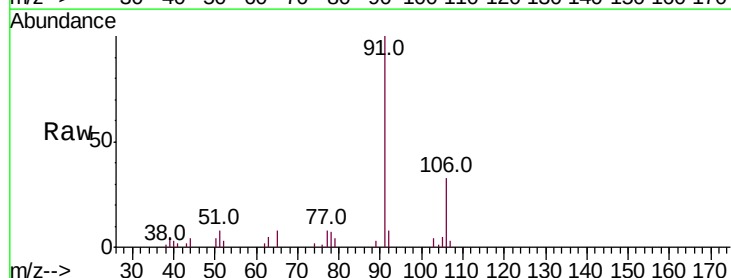


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

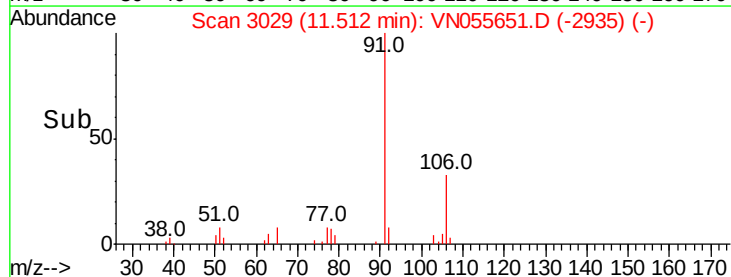
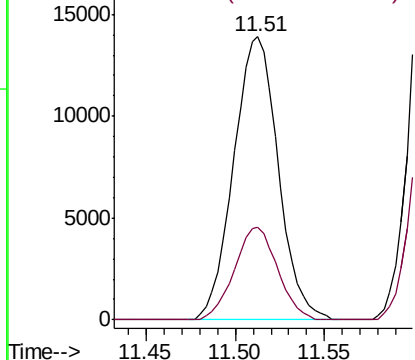


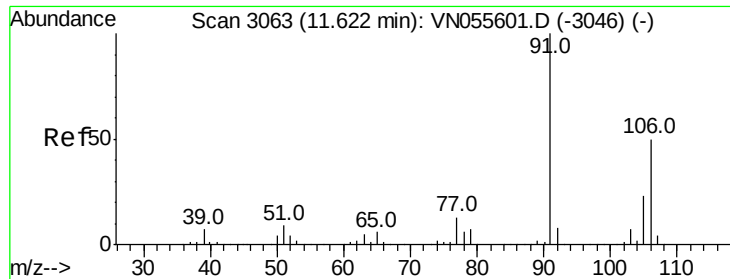
#67
Ethyl Benzene
Concen: 1.399 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Tgt Ion: 91 Resp: 24149
Ion Ratio Lower Upper
91 100
106 32.8 25.2 37.8



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

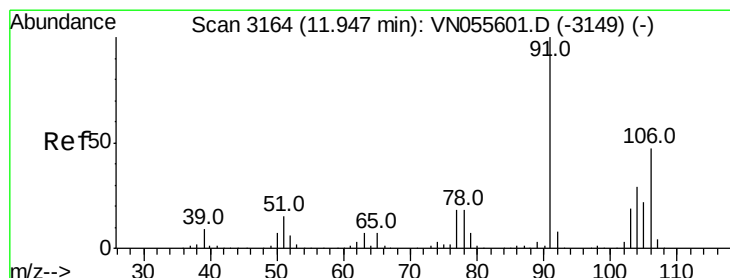
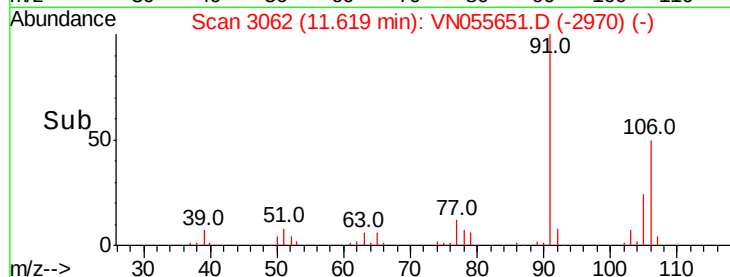
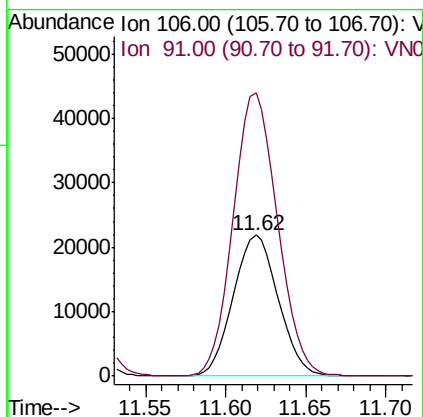
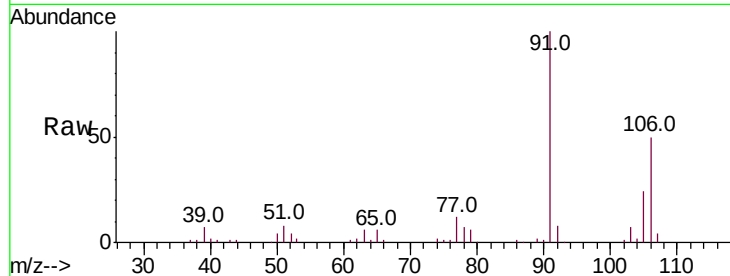




#68
m/p-Xylenes
Concen: 6.446 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

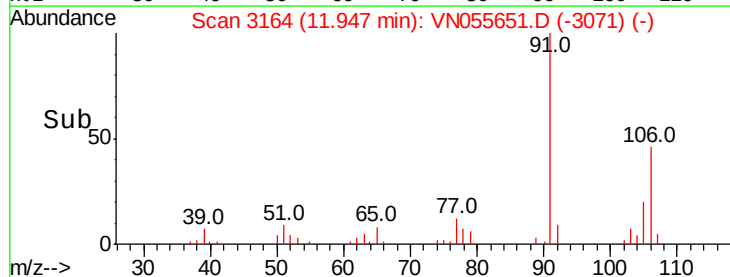
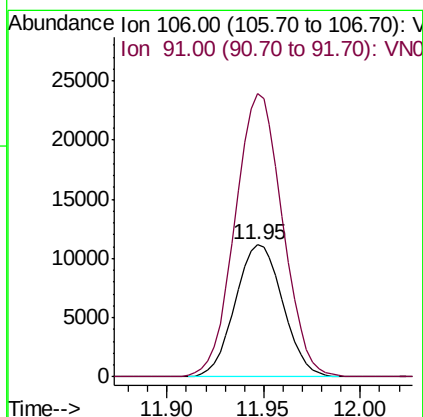
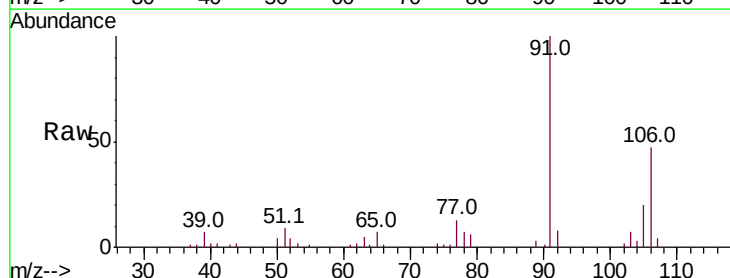
Instrument :
MSVOA_N
ClientSampleId :
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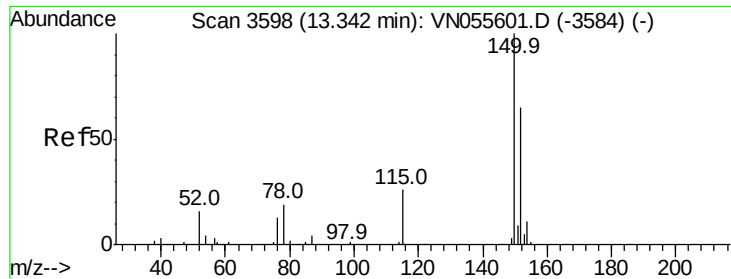
Tot Ion:106 Resp: 42004
Ion Ratio Lower Upper
106 100
91 198.1 160.5 240.7



#69
o-Xylene
Concen: 2.995 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Tgt Ion:106 Resp: 19092
Ion Ratio Lower Upper
106 100
91 214.0 106.7 320.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

339-RBR-251608

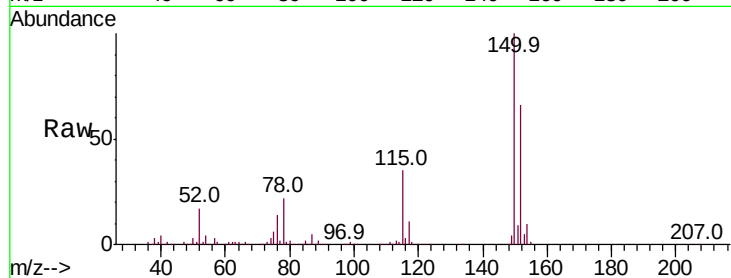
Tot Ion:152 Resp: 211283

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.2

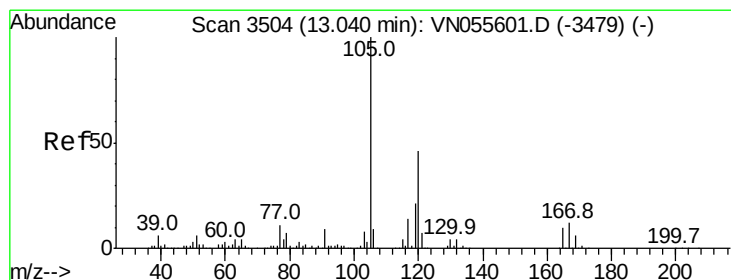
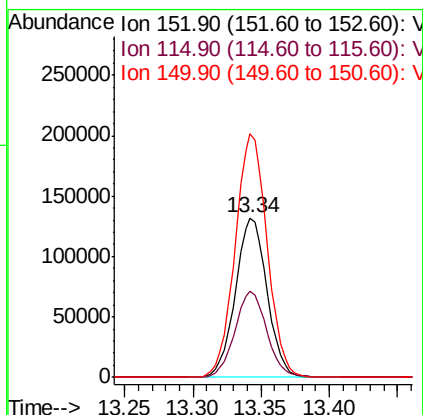
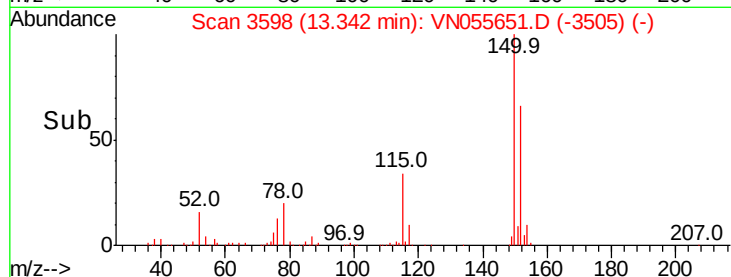
150 154.3 0.0 348.0



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



#84

1,2,4-Trimethylbenzene

Concen: 10.522 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055651.D

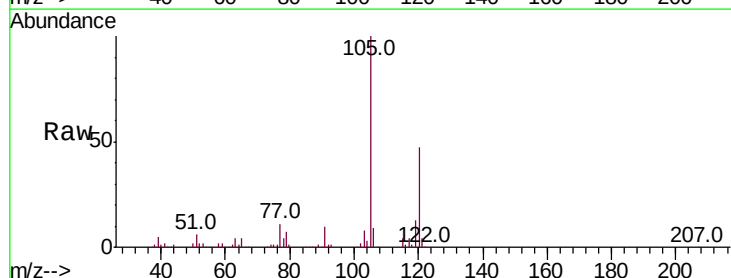
Acq: 18 May 2019 8:27

Tgt Ion:105 Resp: 150506

Ion Ratio Lower Upper

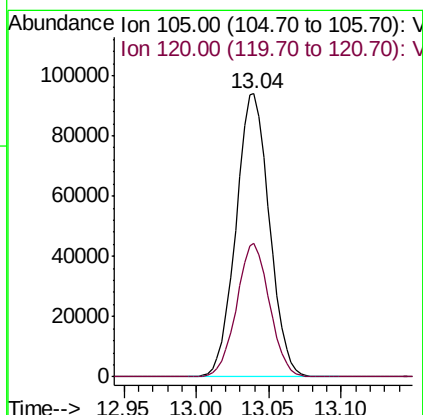
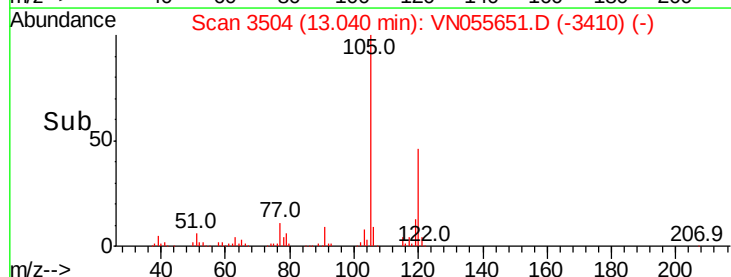
105 100

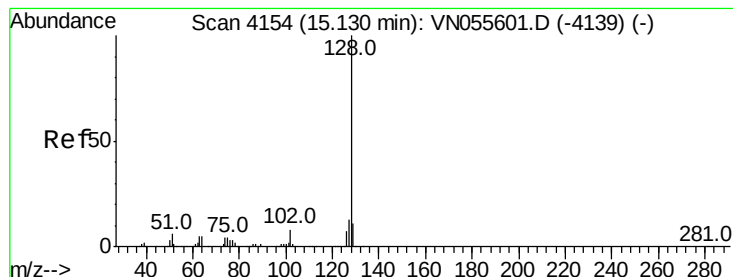
120 46.5 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 5.044 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

339-RBR-251608

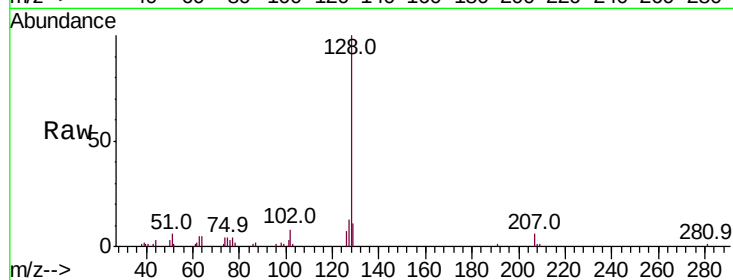
Tot Ion:128 Resp: 37352

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

