

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054352.D
 Acq On : 16 Mar 2019 22:14
 Operator : JC/SP
 Sample : K1899-01DL2 200X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1ADL2

Quant Time: Mar 18 07:49:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

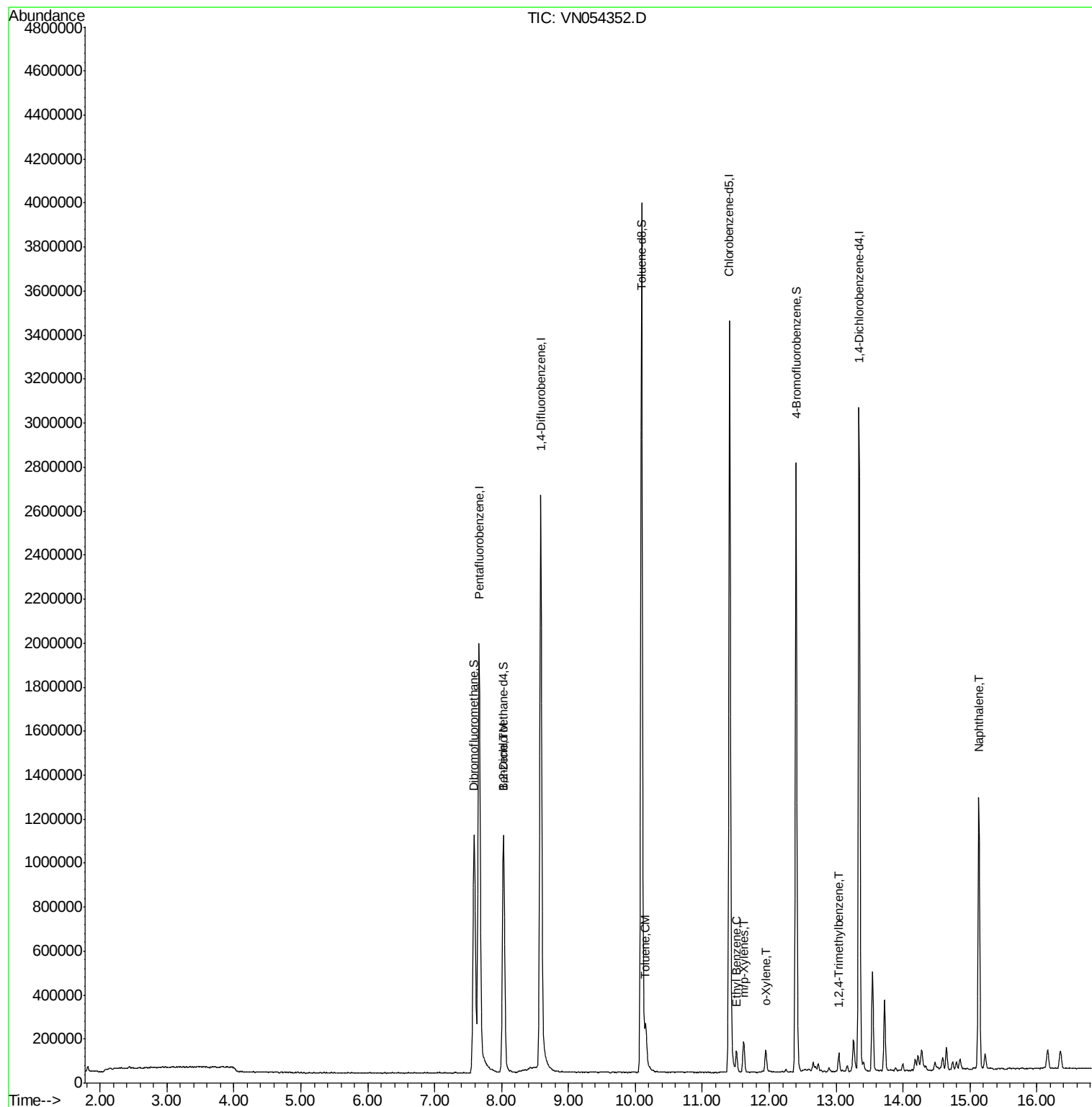
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1880280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2719677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2281719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	885240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	916442	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
35) Dibromofluoromethane	7.59	113	824481	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	10.09	98	3115971	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	12.40	95	944140	41.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.30%	
Target Compounds						
40) Benzene	8.04	78	80399	1.122	ug/l	98
52) Toluene	10.16	92	67070	1.476	ug/l	96
67) Ethyl Benzene	11.51	91	65610	0.790	ug/l	96
68) m/p-Xylenes	11.62	106	47725	1.470	ug/l	97
69) o-Xylene	11.95	106	29431	0.930	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	49208	0.851	ug/l	98
95) Naphthalene	15.13	128	1126701	30.475	ug/l	100

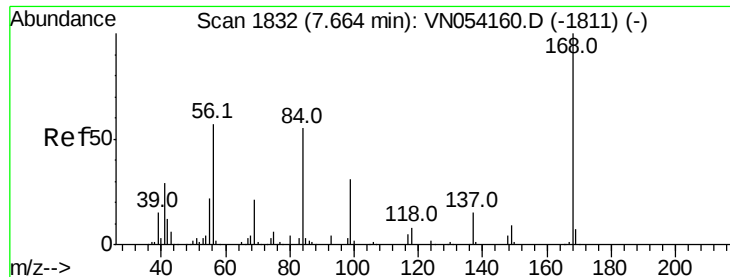
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031619\
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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054352.D

Acq: 16 Mar 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

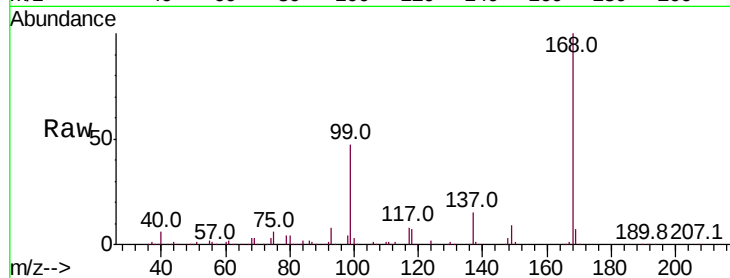
MW-1ADL2

Tot Ion:168 Resp: 1880280

Ion Ratio Lower Upper

168 100

99 47.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

800000

600000

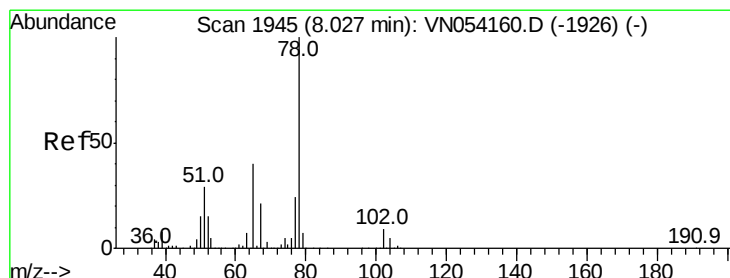
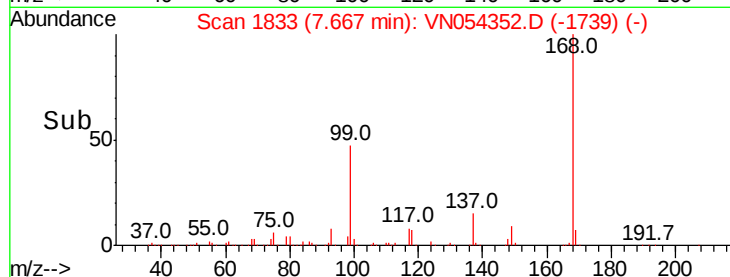
400000

200000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.894 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054352.D

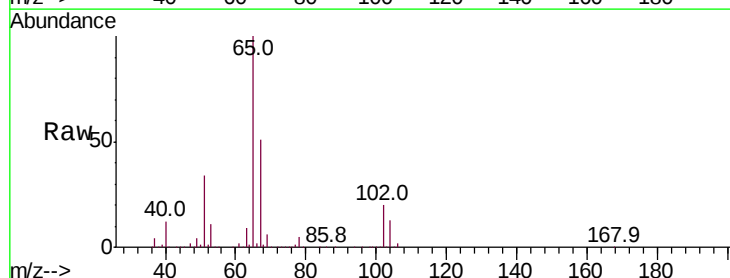
Acq: 16 Mar 2019 22:14

Tgt Ion: 65 Resp: 916442

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

400000

300000

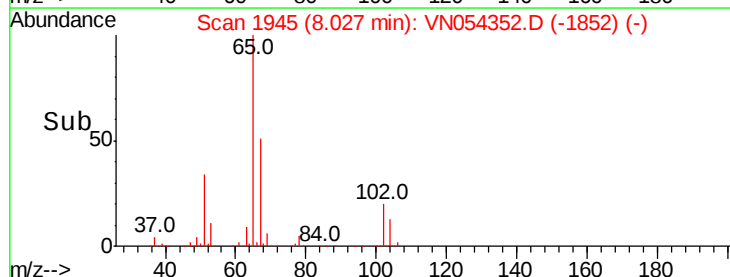
200000

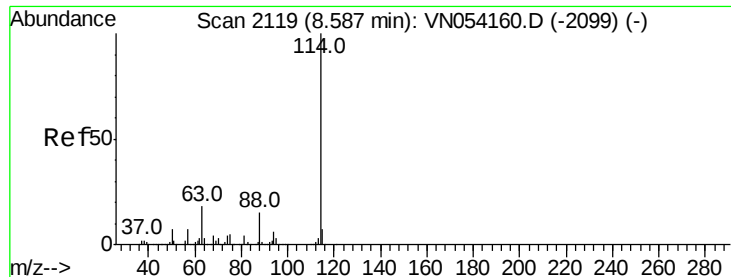
100000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054352.D

Acq: 16 Mar 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

MW-1ADL2

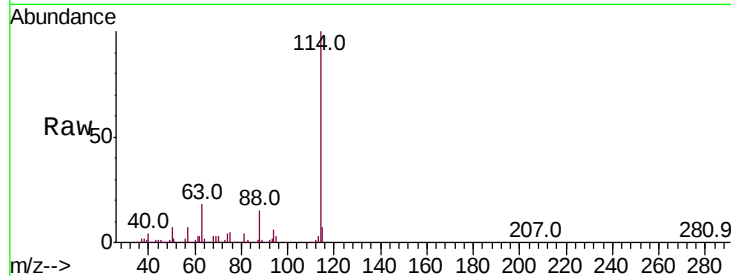
Tot Ion:114 Resp: 2719677

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

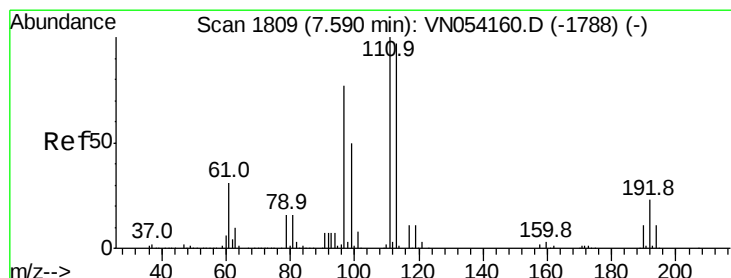
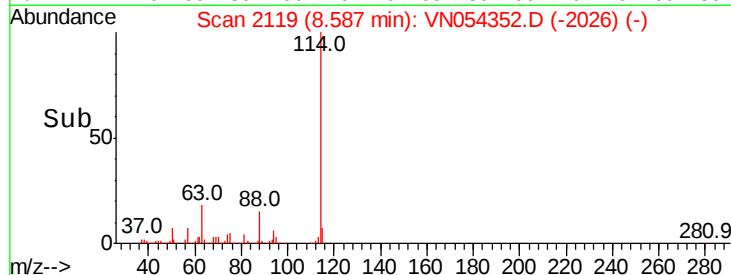
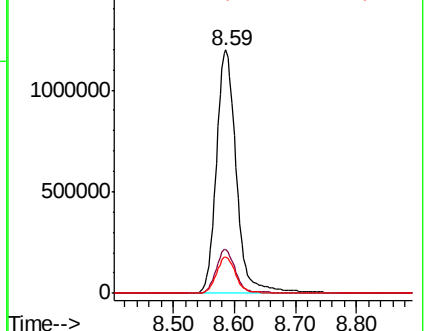
88 15.1 0.0 30.2



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: 47.004 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054352.D

Acq: 16 Mar 2019 22:14

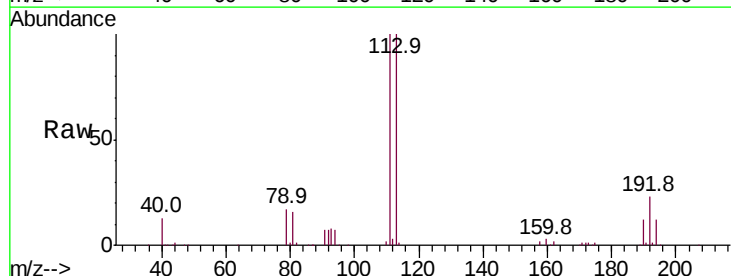
Tgt Ion:113 Resp: 824481

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

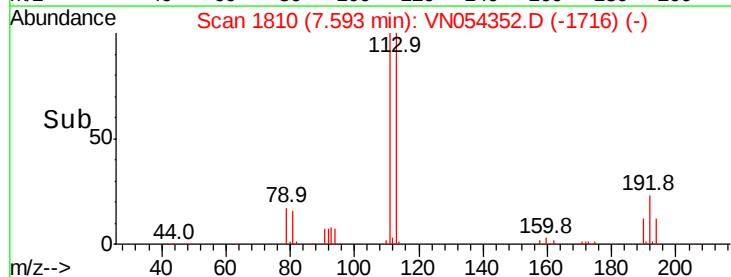
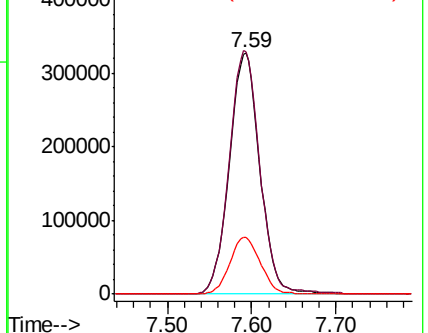
192 23.5 19.2 28.8

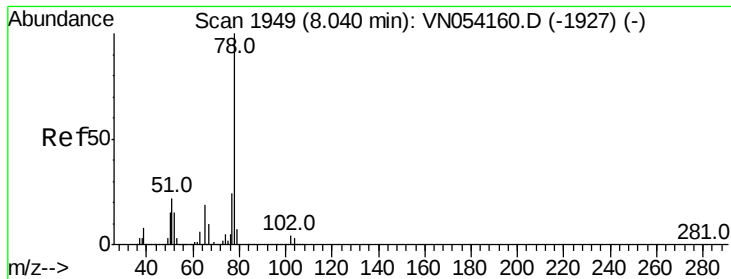


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.122 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN054352.D

Acq: 16 Mar 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

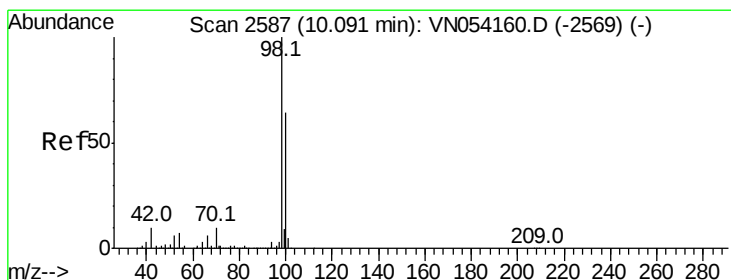
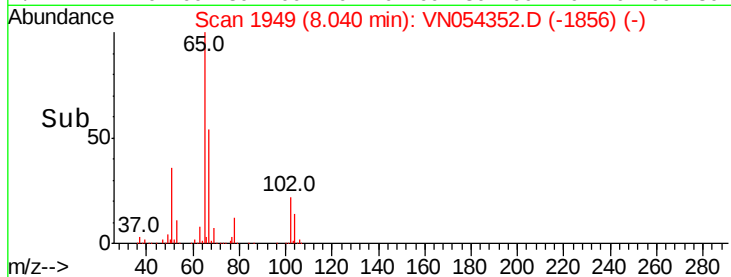
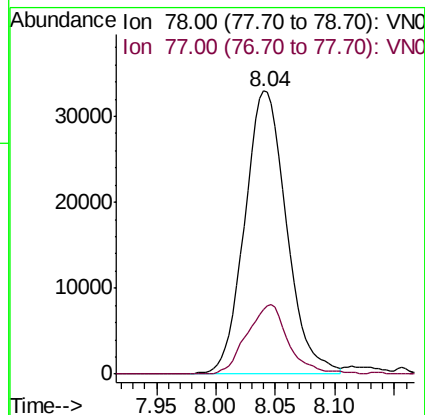
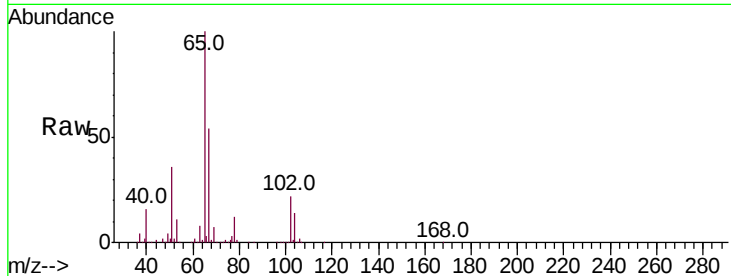
MW-1ADL2

Tot Ion: 78 Resp: 80399

Ion Ratio Lower Upper

78 100

77 22.7 19.1 28.7



#50

Toluene-d8

Concen: 48.100 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054352.D

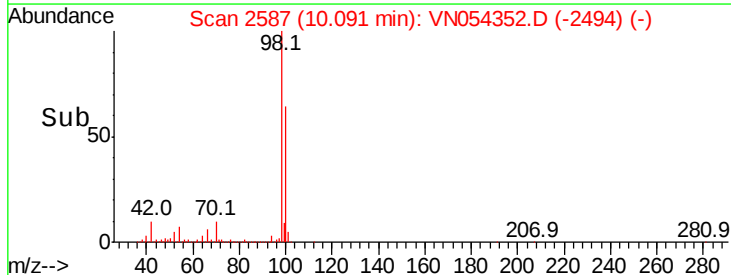
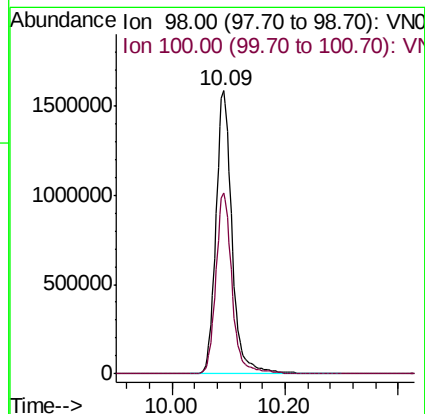
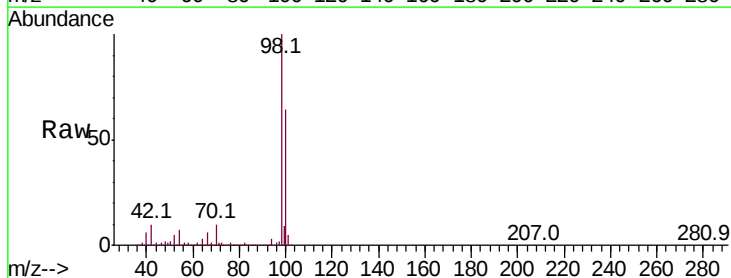
Acq: 16 Mar 2019 22:14

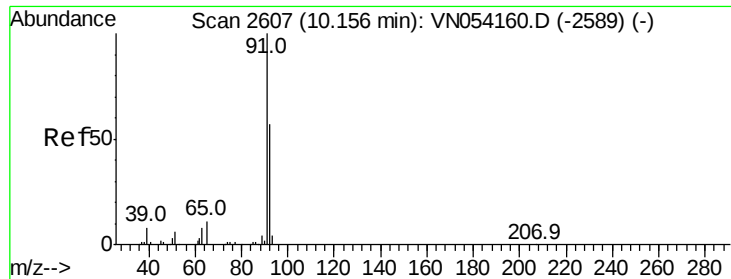
Tgt Ion: 98 Resp: 3115971

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8





#52

Toluene

Concen: 1.476 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054352.D

Acq: 16 Mar 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

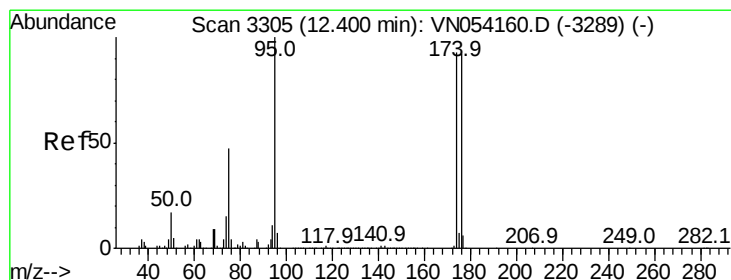
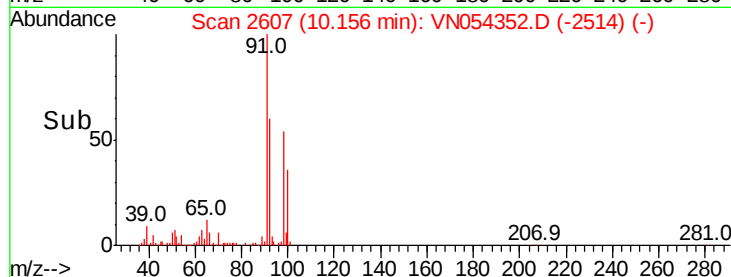
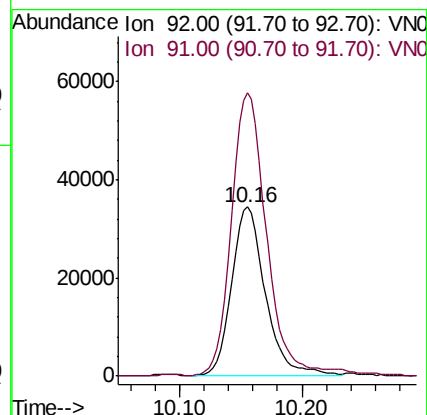
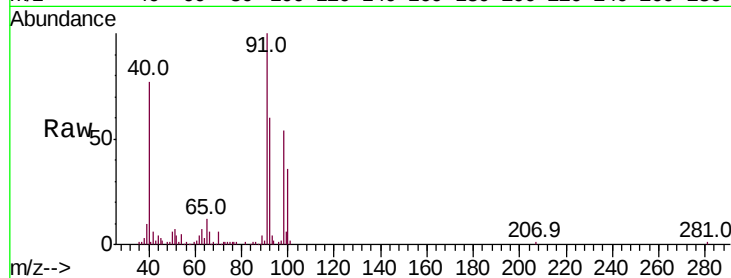
MW-1ADL2

Tot Ion: 92 Resp: 67070

Ion Ratio Lower Upper

92 100

91 170.1 140.7 211.1



#62

4-Bromofluorobenzene

Concen: 41.653 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054352.D

Acq: 16 Mar 2019 22:14

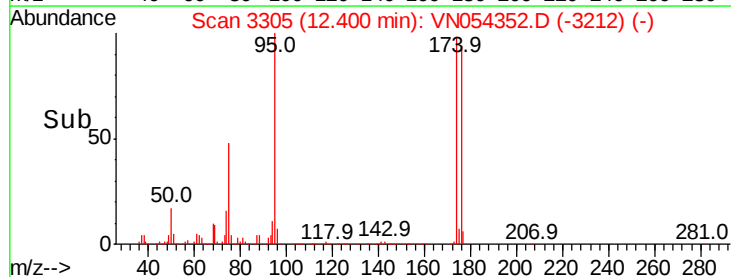
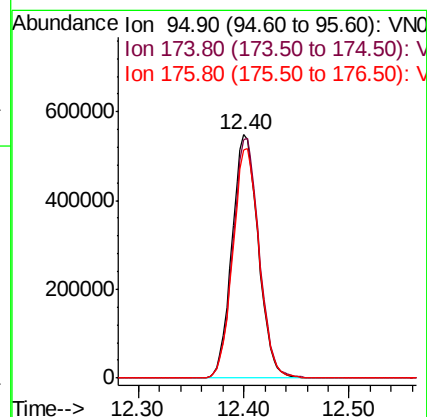
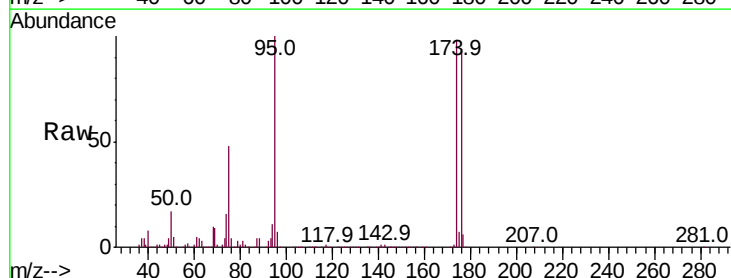
Tgt Ion: 95 Resp: 944140

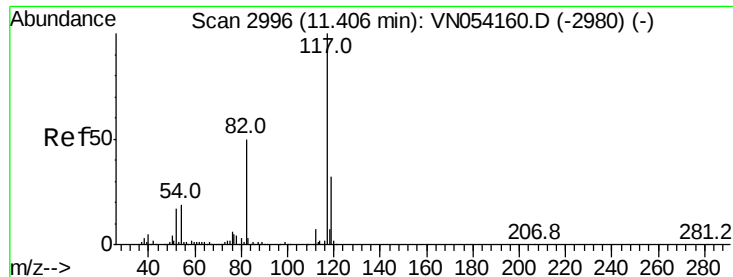
Ion Ratio Lower Upper

95 100

174 98.8 0.0 191.0

176 94.7 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054352.D

Acq: 16 Mar 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

MW-1ADL2

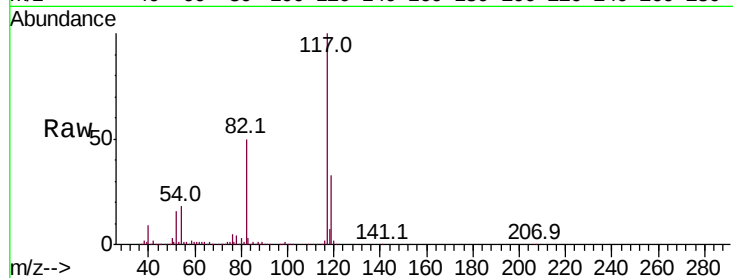
Tot Ion:117 Resp: 2281719

Ion Ratio Lower Upper

117 100

82 50.4 40.0 60.0

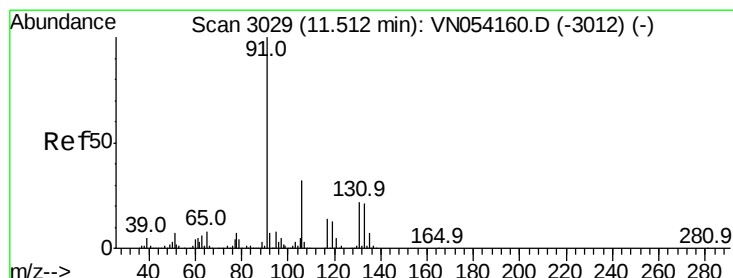
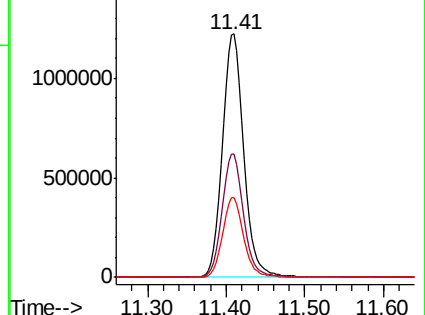
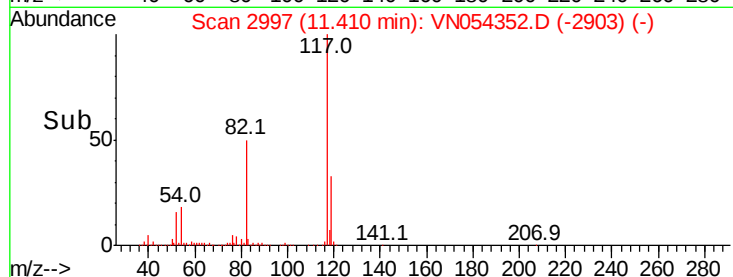
119 32.7 25.8 38.6



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: 0.790 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN054352.D

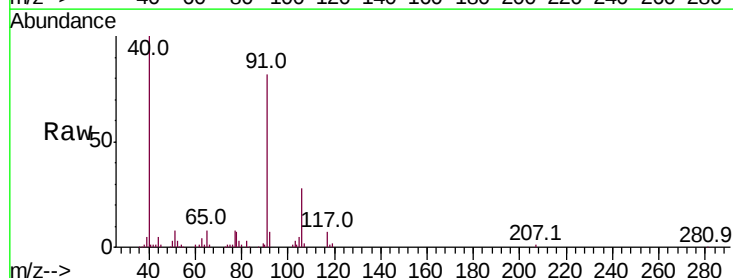
Acq: 16 Mar 2019 22:14

Tgt Ion: 91 Resp: 65610

Ion Ratio Lower Upper

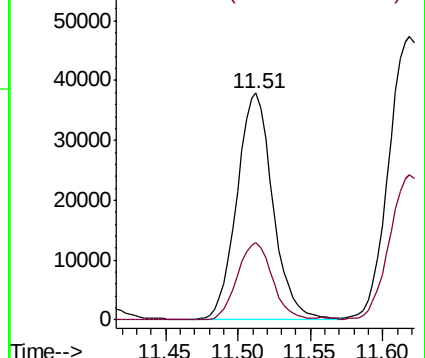
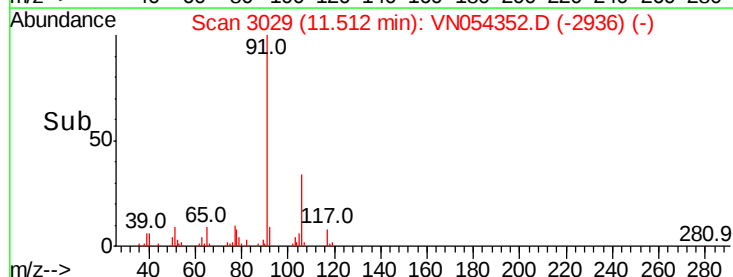
91 100

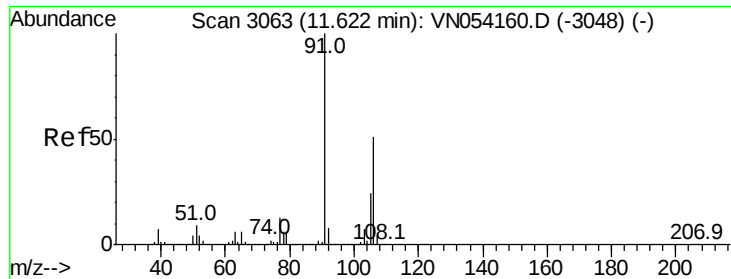
106 34.2 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

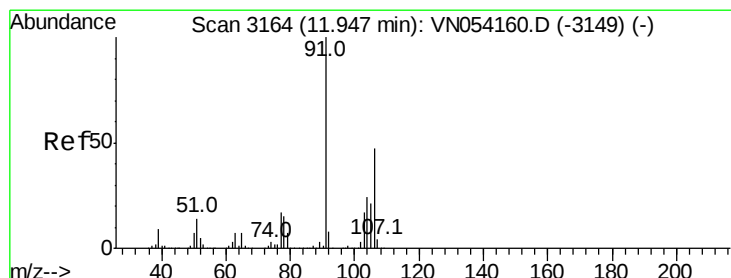
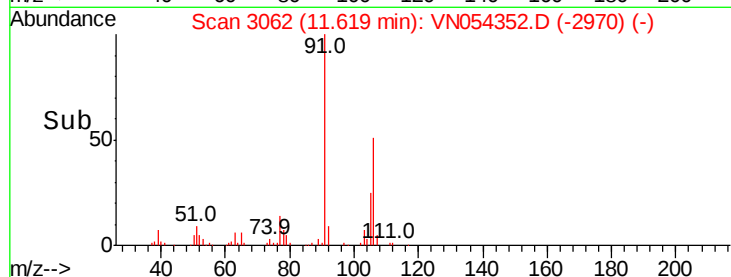
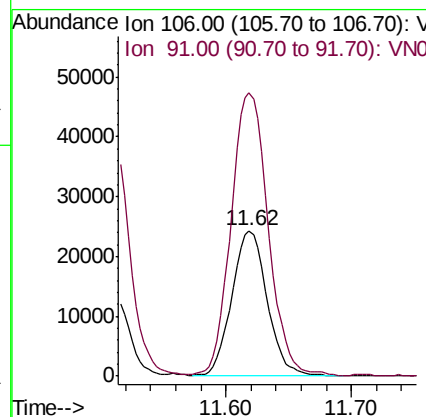
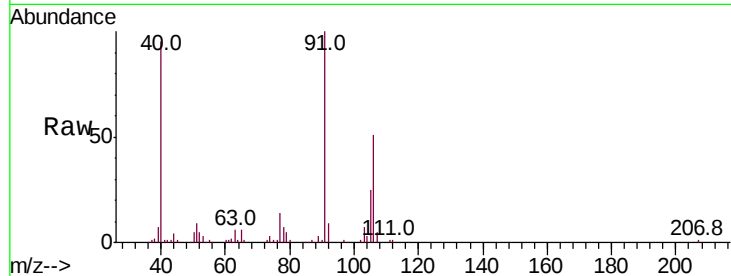




#68
m/p-Xylenes
Concen: 1.470 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054352.D
Acq: 16 Mar 2019 22:14

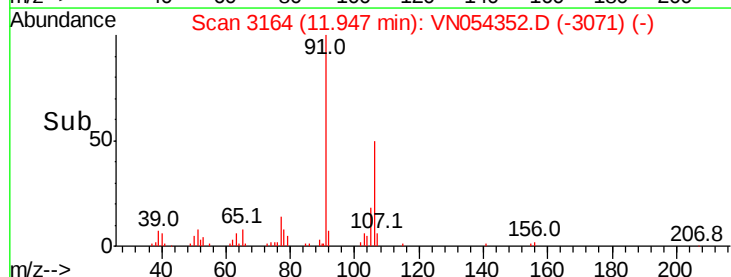
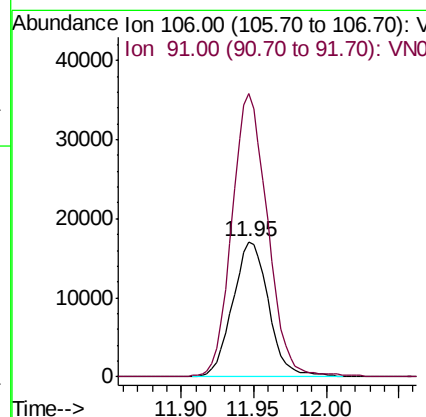
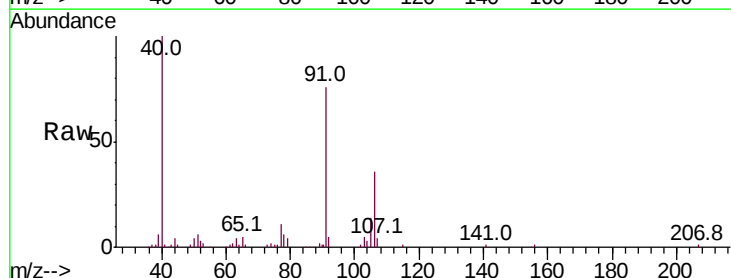
Instrument :
MSVOA_N
ClientSampled :
MW-1ADL2

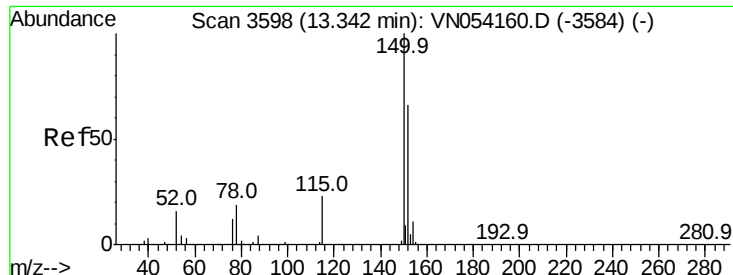
Tot Ion:106 Resp: 47725
Ion Ratio Lower Upper
106 100
91 204.5 159.4 239.2



#69
o-Xylene
Concen: 0.930 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054352.D
Acq: 16 Mar 2019 22:14

Tgt Ion:106 Resp: 29431
Ion Ratio Lower Upper
106 100
91 208.5 105.7 317.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054352.D

Acq: 16 Mar 2019 22:14

Instrument :

MSVOA_N

ClientSampled :

MW-1ADL2

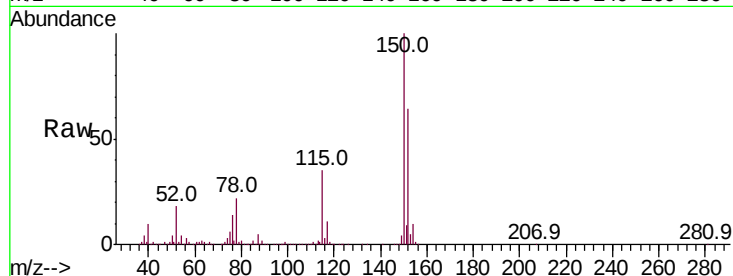
Tot Ion:152 Resp: 885240

Ion Ratio Lower Upper

152 100

115 55.0 27.2 81.6

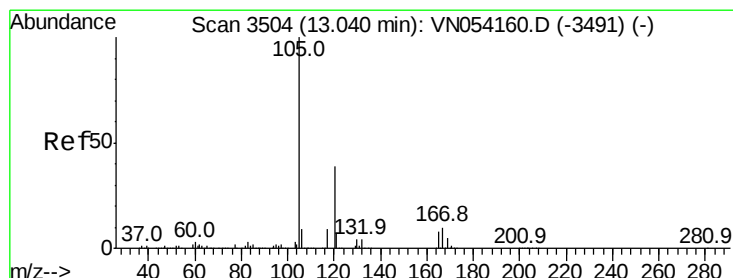
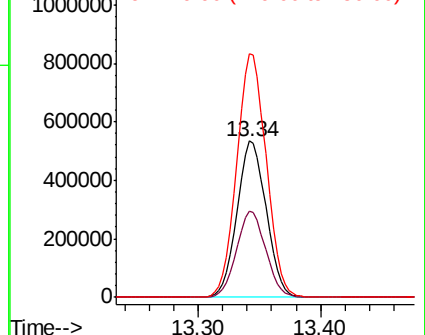
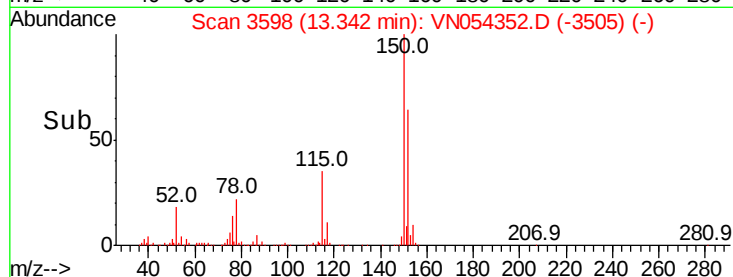
150 157.5 0.0 349.2



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: 0.851 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054352.D

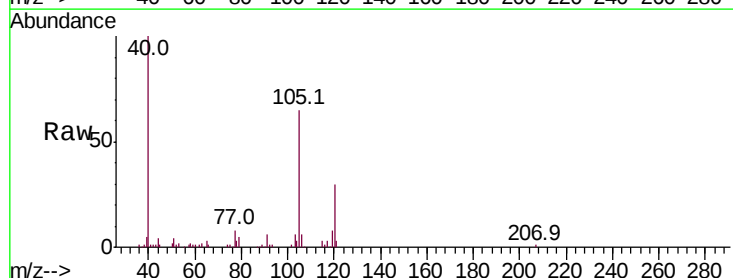
Acq: 16 Mar 2019 22:14

Tgt Ion:105 Resp: 49208

Ion Ratio Lower Upper

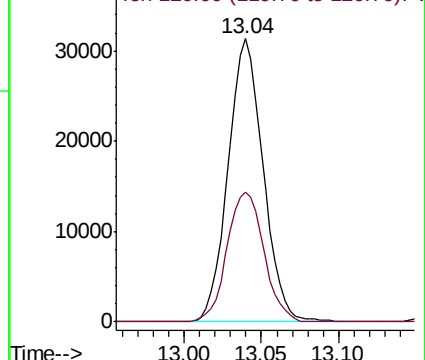
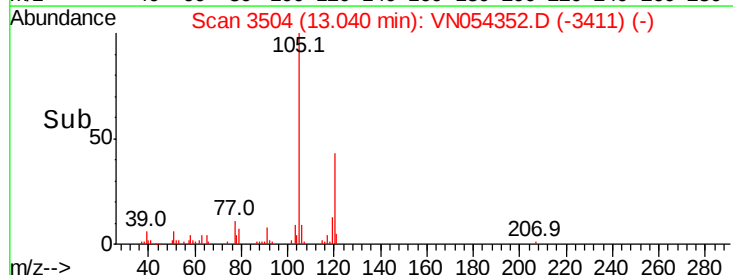
105 100

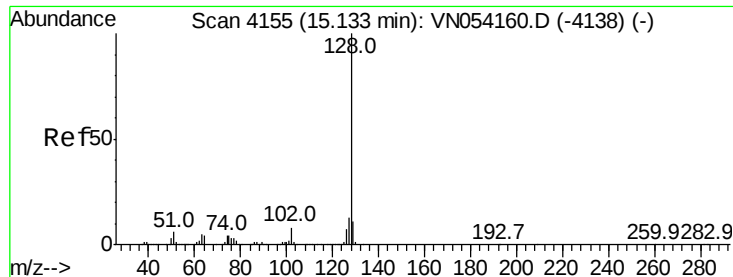
120 48.0 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 30.475 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054352.D

Acq: 16 Mar 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

MW-1ADL2

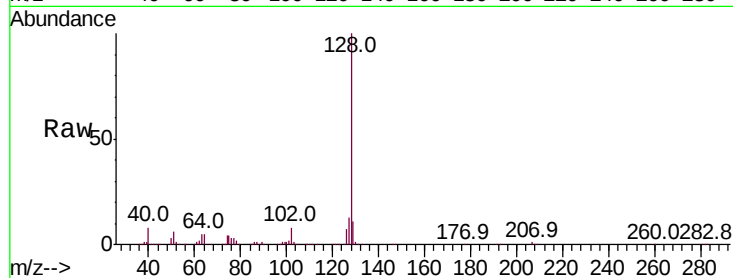
Tot Ion:128 Resp: 1126701

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.8 8.7 13.1



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

