

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054351.D
 Acq On : 16 Mar 2019 21:47
 Operator : JC/SP
 Sample : K1899-02DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2ADL

Quant Time: Mar 18 12:17:46 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

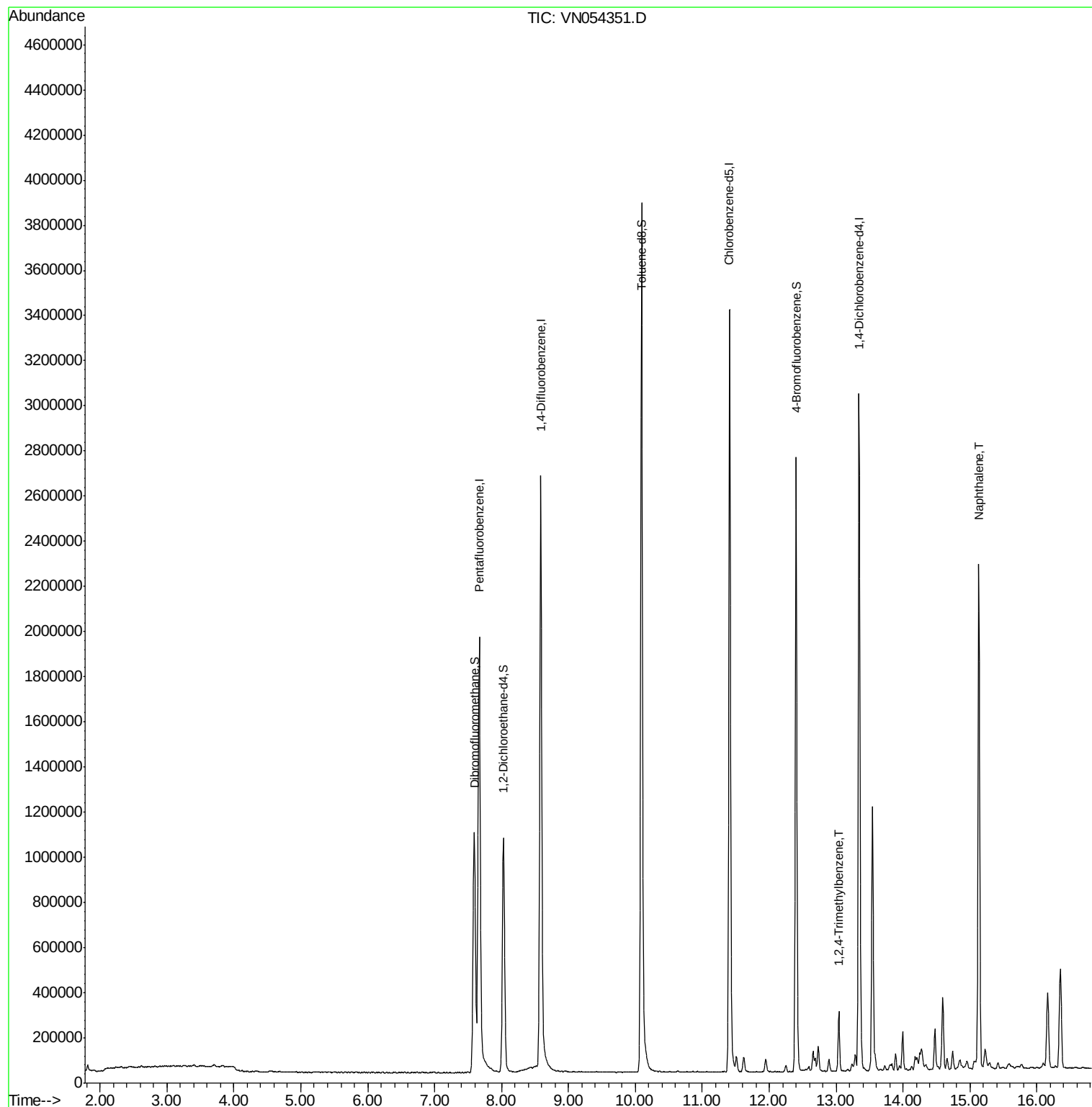
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1891921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2689570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2227767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	883655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	918470	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
35) Dibromofluoromethane	7.59	113	814366	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
50) Toluene-d8	10.09	98	3068539	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.40	95	932664	41.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.22%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.04	105	155767	2.700	ug/l	99
95) Naphthalene	15.13	128	2023223	52.050	ug/l	99

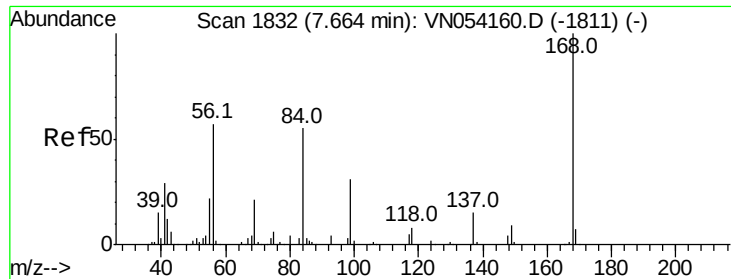
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054351.D

Acq: 16 Mar 2019 21:47

Instrument :

MSVOA_N

ClientSampleId :

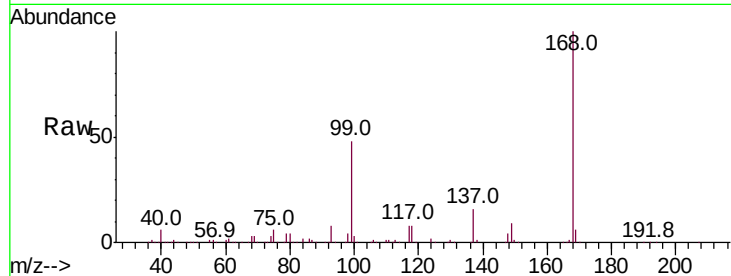
MW-2ADL

Tot Ion:168 Resp: 1891921

Ion Ratio Lower Upper

168 100

99 47.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

800000

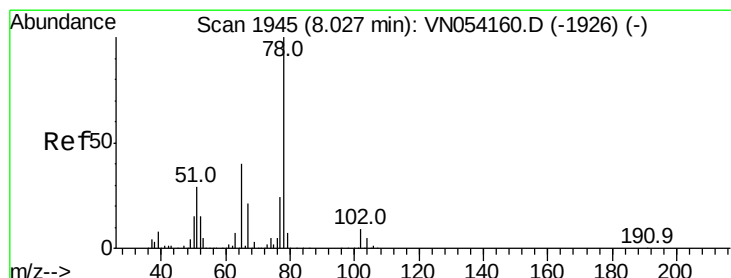
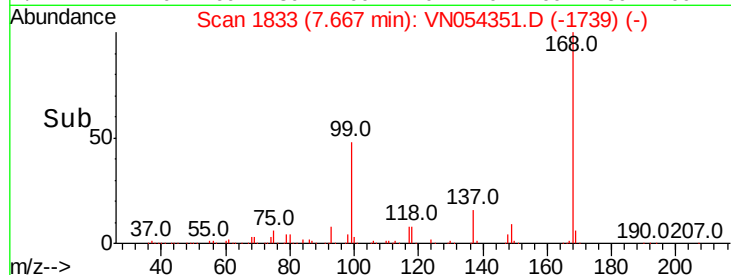
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 45.713 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054351.D

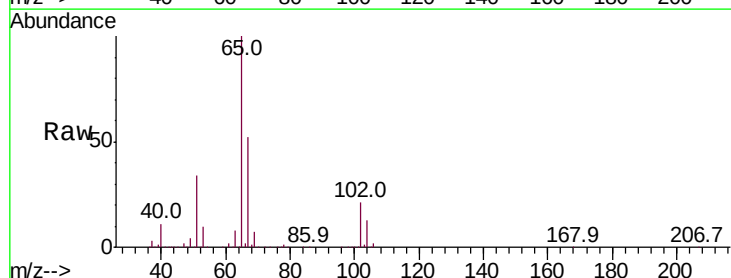
Acq: 16 Mar 2019 21:47

Tgt Ion: 65 Resp: 918470

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

400000

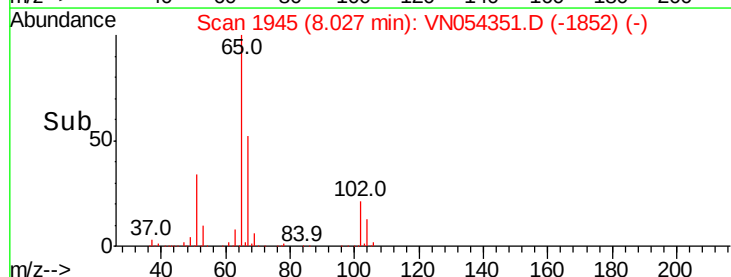
300000

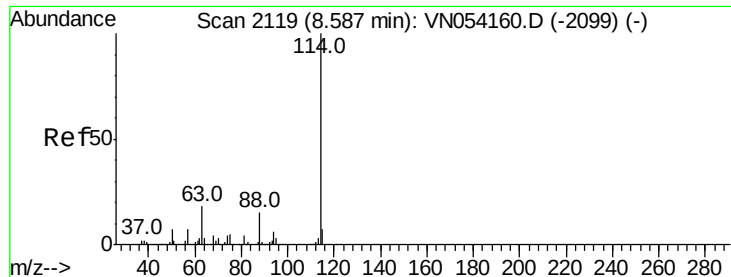
200000

100000

0

Time--> 7.90 8.00 8.10 8.20



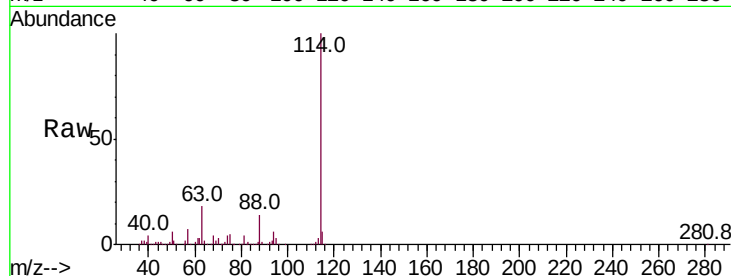


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054351.D
 Acq: 16 Mar 2019 21:47

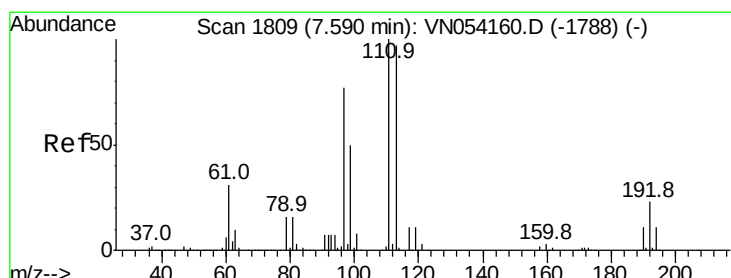
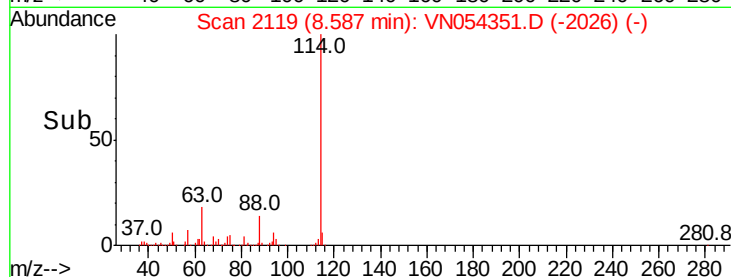
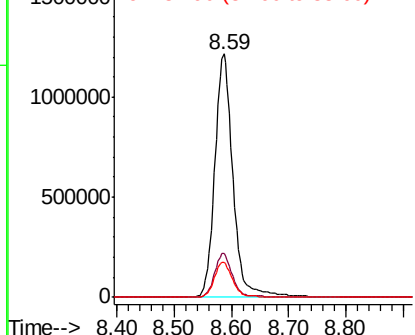
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2ADL

Tot Ion:114 Resp: 2689570

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.2
88	14.3	0.0	30.2



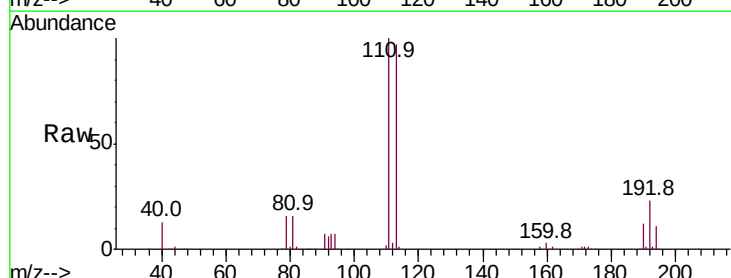
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



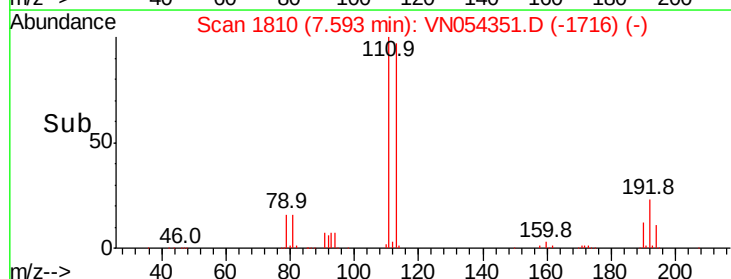
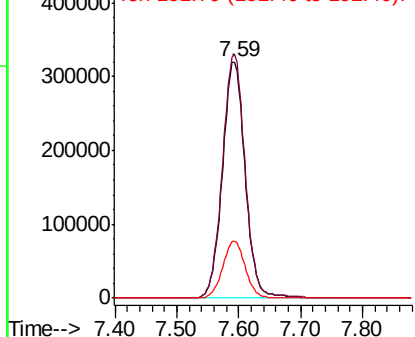
#35
 Dibromofluoromethane
 Concen: 46.947 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054351.D
 Acq: 16 Mar 2019 21:47

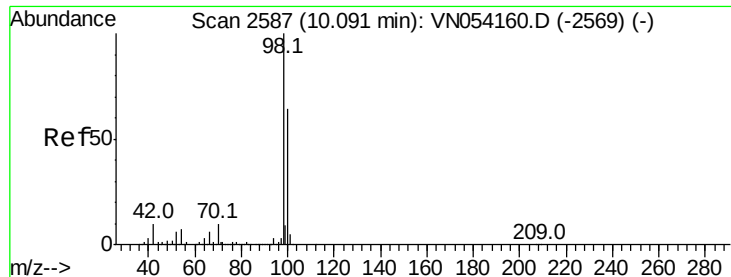
Tgt Ion:113 Resp: 814366

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	24.0	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





#50

Toluene-d8

Concen: 47.898 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054351.D

Acq: 16 Mar 2019 21:47

Instrument :

MSVOA_N

ClientSampleId :

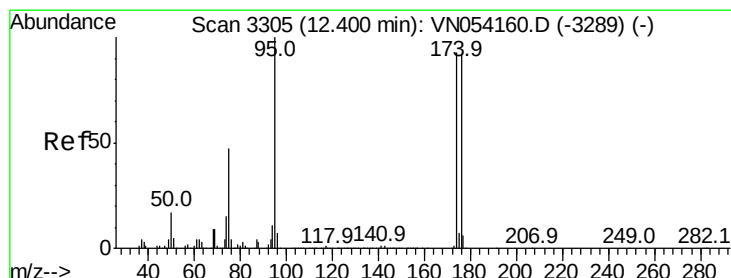
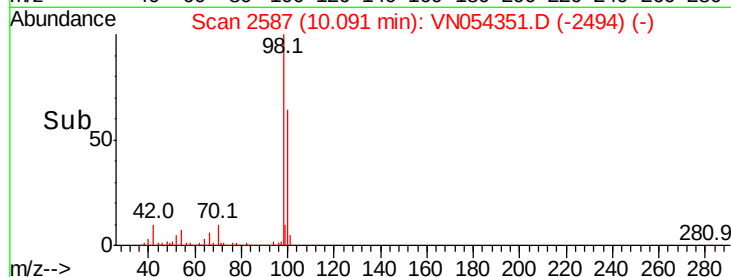
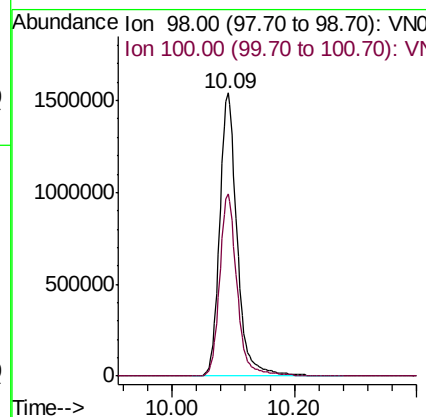
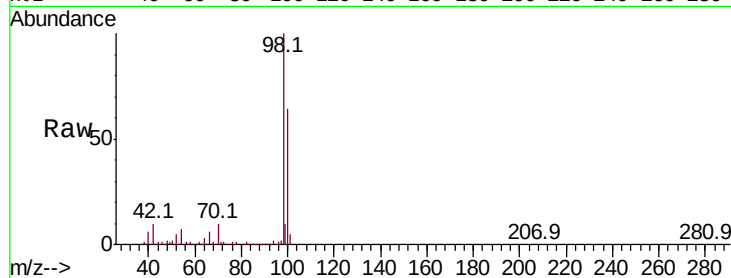
MW-2ADL

Tot Ion: 98 Resp: 3068539

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.607 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054351.D

Acq: 16 Mar 2019 21:47

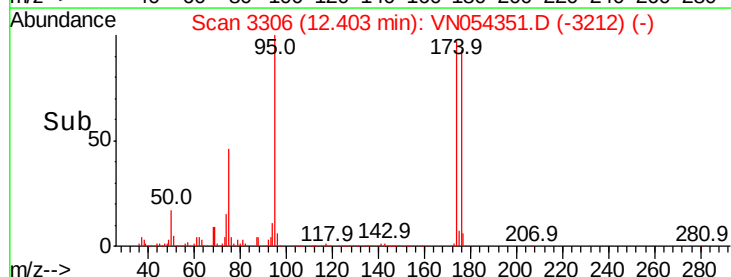
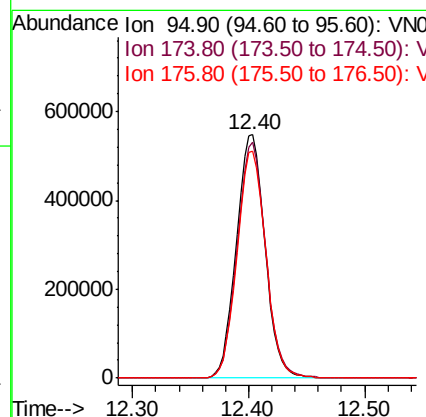
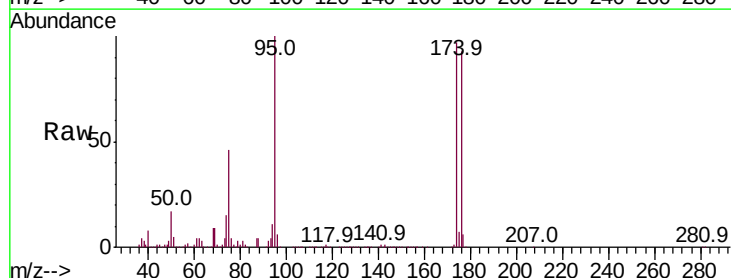
Tgt Ion: 95 Resp: 932664

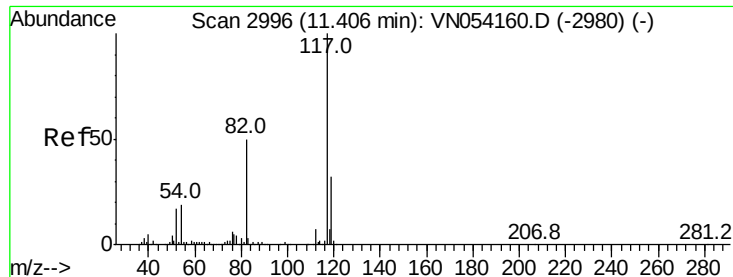
Ion Ratio Lower Upper

95 100

174 96.2 0.0 191.0

176 93.8 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: VN054351.D

Acq: 16 Mar 2019 21:47

Instrument :

MSVOA_N

ClientSampleId :

MW-2ADL

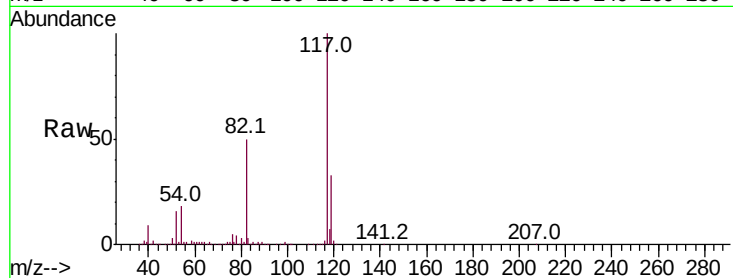
Tot Ion:117 Resp: 2227767

Ion Ratio Lower Upper

117 100

82 50.3 40.0 60.0

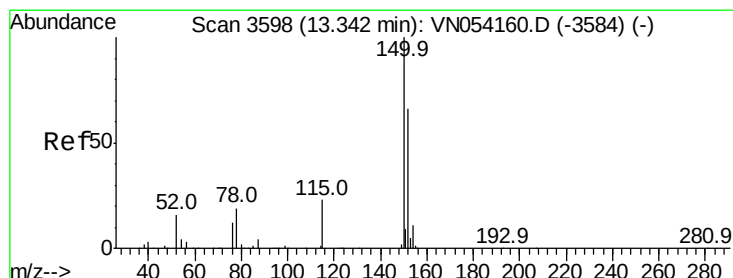
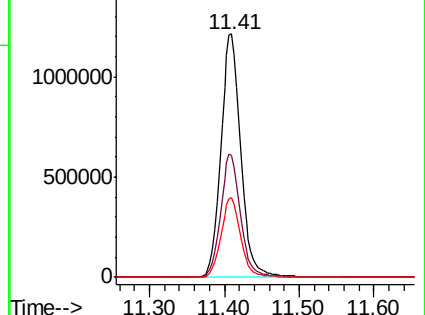
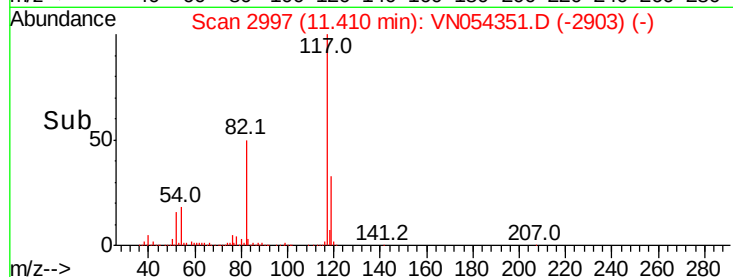
119 32.5 25.8 38.6



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054351.D

Acq: 16 Mar 2019 21:47

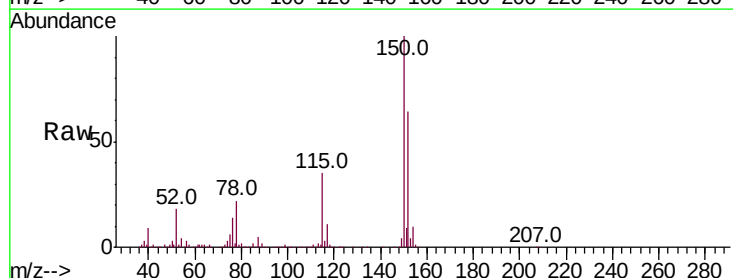
Tgt Ion:152 Resp: 883655

Ion Ratio Lower Upper

152 100

115 55.0 27.2 81.6

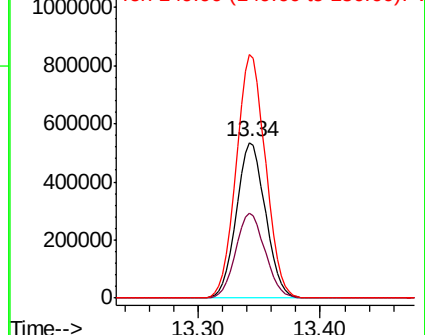
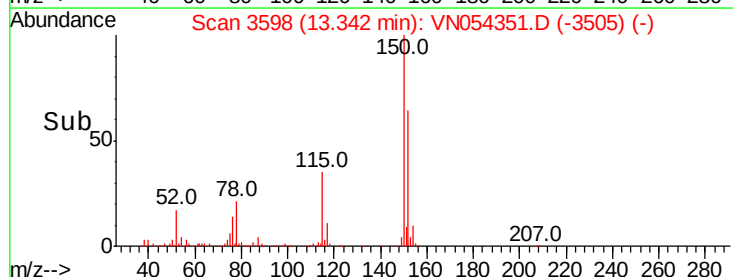
150 157.7 0.0 349.2

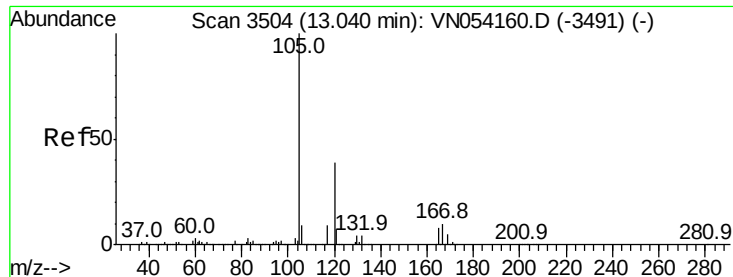


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 2.700 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054351.D

Acq: 16 Mar 2019 21:47

Instrument :

MSVOA_N

ClientSampled :

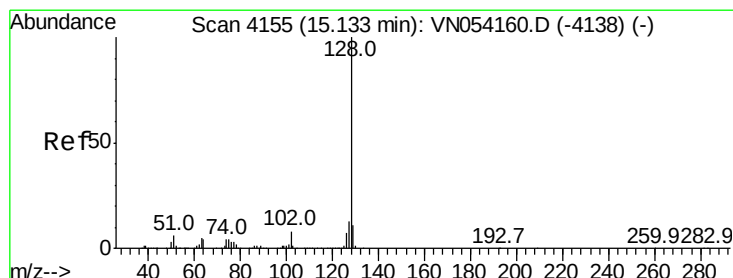
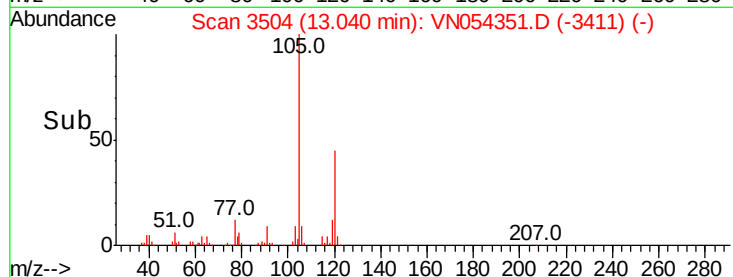
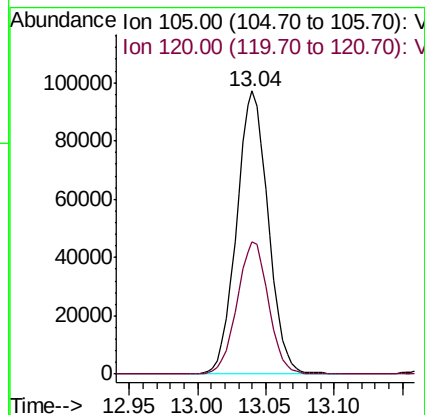
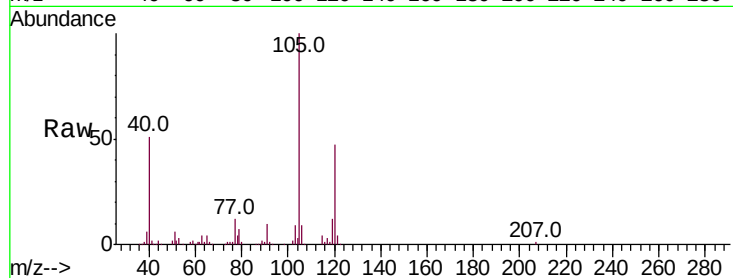
MW-2ADL

Tot Ion:105 Resp: 155767

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.3



#95

Naphthalene

Concen: 52.050 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054351.D

Acq: 16 Mar 2019 21:47

Tgt Ion:128 Resp: 2023223

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.6 8.7 13.1

