

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054343.D
 Acq On : 16 Mar 2019 18:08
 Operator : JC/SP
 Sample : K1960-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-1-8.0-031419

Quant Time: Mar 18 07:02:16 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

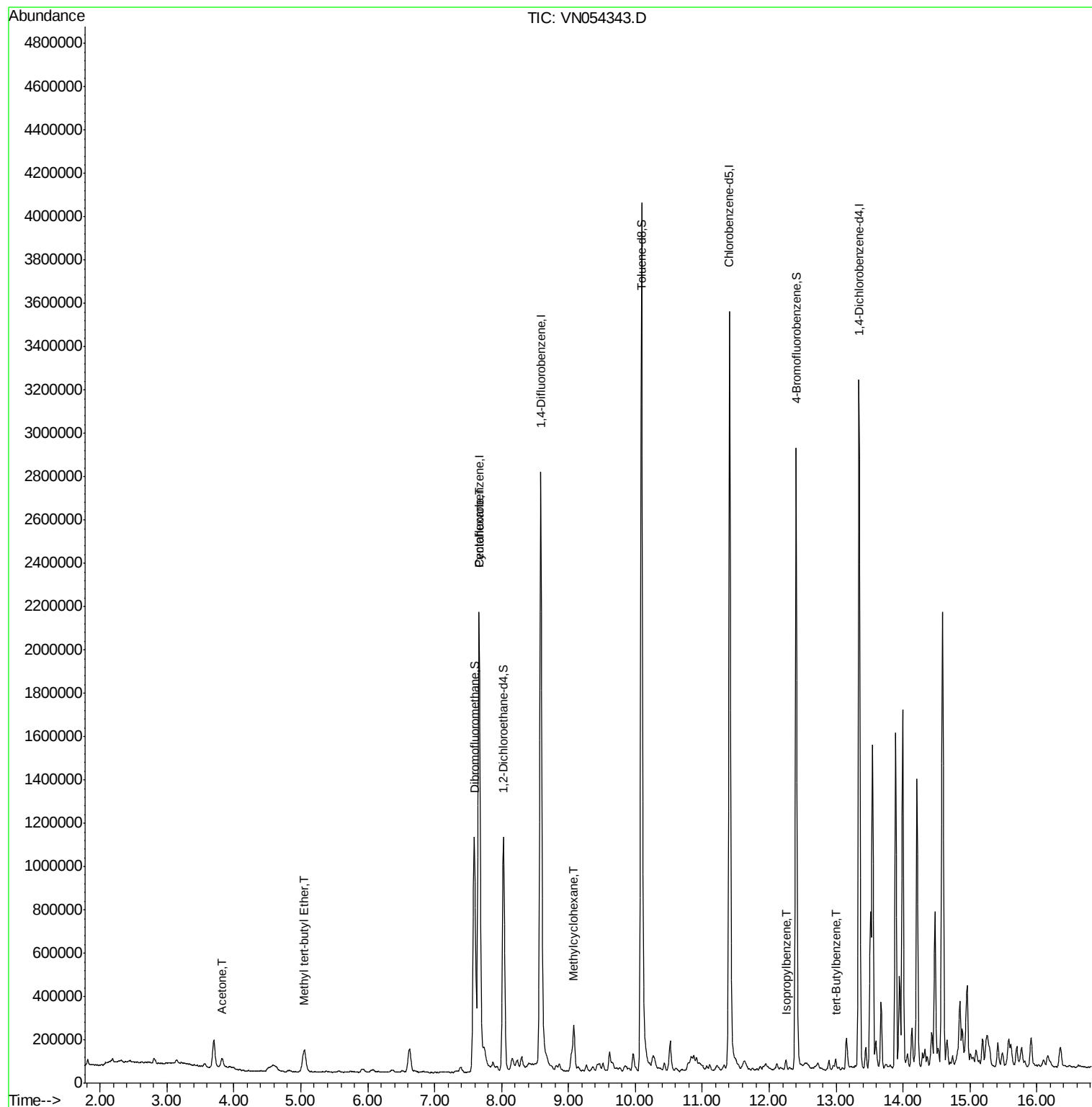
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1925725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2799183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2330826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	932229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	953857	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
35) Dibromofluoromethane	7.59	113	833888	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
50) Toluene-d8	10.09	98	3207997	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.40	95	981042	42.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.10%	
Target Compounds						
16) Acetone	3.82	43	67635	11.550	ug/l	98
19) Methyl tert-butyl Ether	5.06	73	113551	2.290	ug/l #	27
31) Cyclohexane	7.65	56	124103	2.878	ug/l #	73
39) Methylcyclohexane	9.08	83	101255	3.192	ug/l	96
73) Isopropylbenzene	12.25	105	30665	0.411	ug/l	95
83) tert-Butylbenzene	12.99	119	24823	0.435	ug/l	96

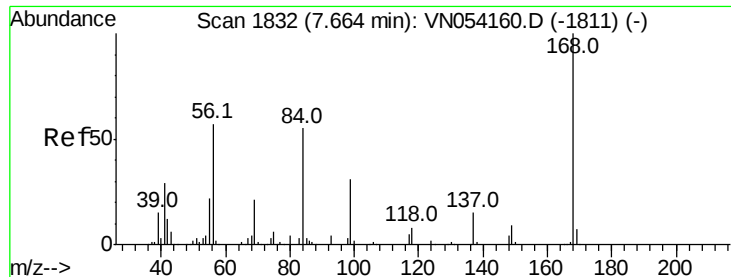
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
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: VN054343.D

Acq: 16 Mar 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

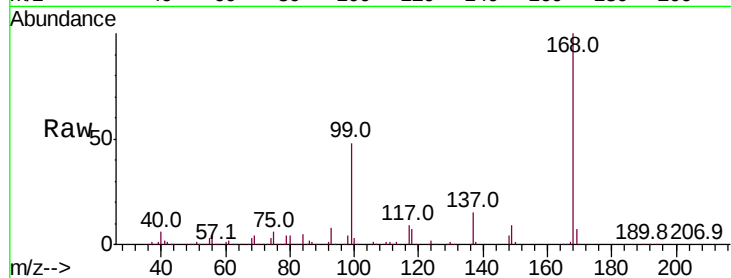
T11-MW-1-8.0-031419

Tot Ion:168 Resp: 1925725

Ion Ratio Lower Upper

168 100

99 48.4 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

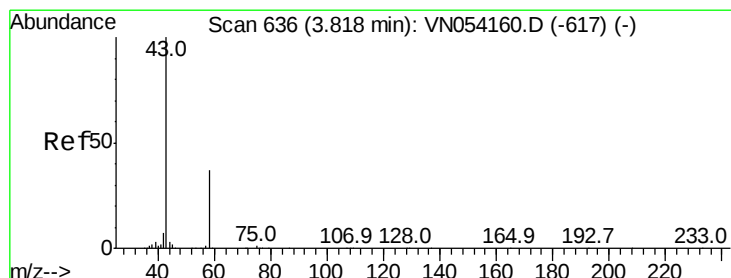
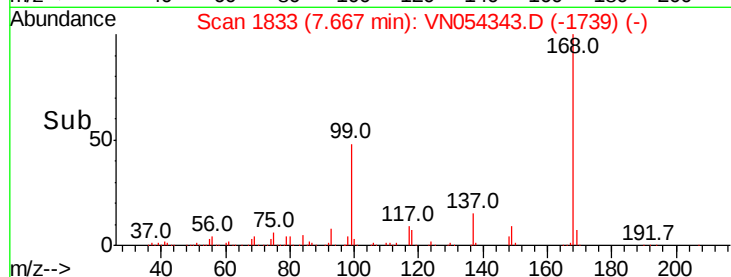
400000

200000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 11.550 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054343.D

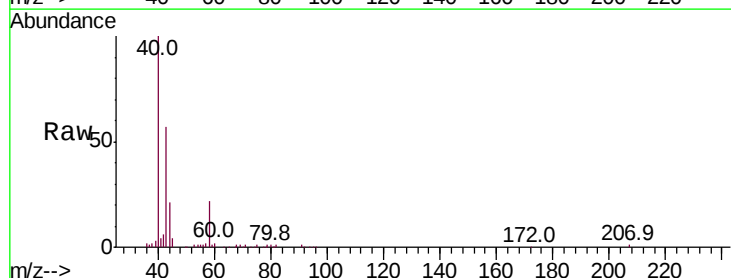
Acq: 16 Mar 2019 18:08

Tgt Ion: 43 Resp: 67635

Ion Ratio Lower Upper

43 100

58 38.6 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

80000

60000

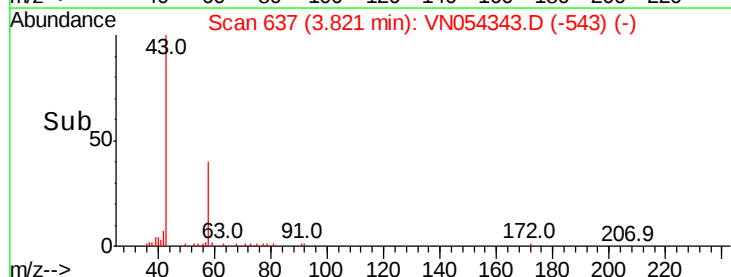
40000

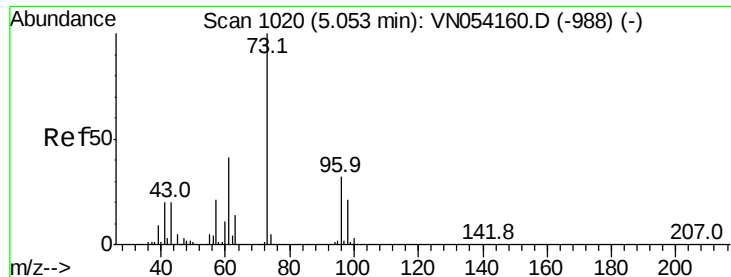
20000

0

3.70 3.80 3.90

Time-->

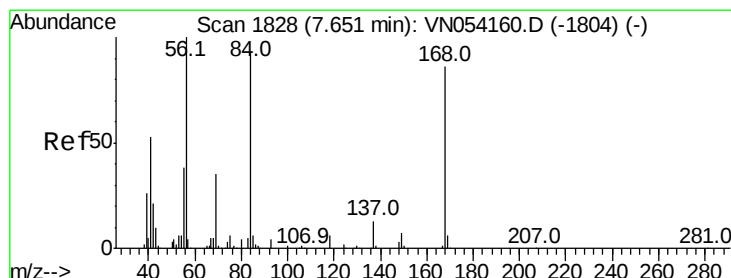
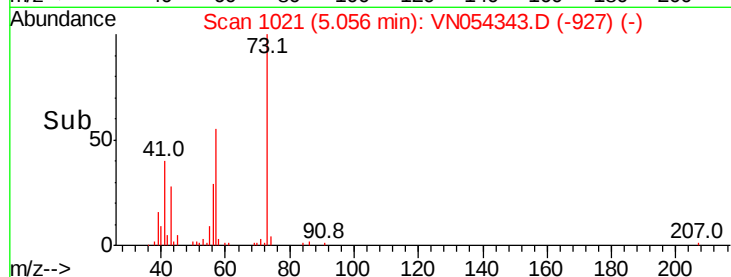
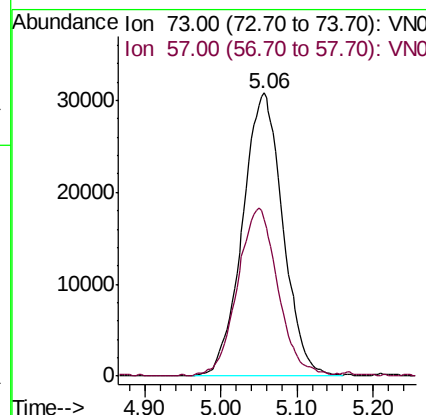
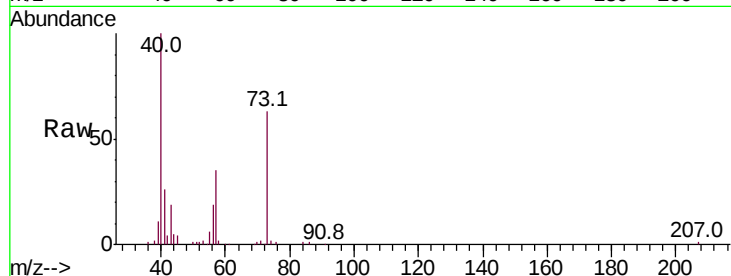




#19
Methvl tert-butvl Ether
Concen: 2.290 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN054343.D
Acq: 16 Mar 2019 18:08

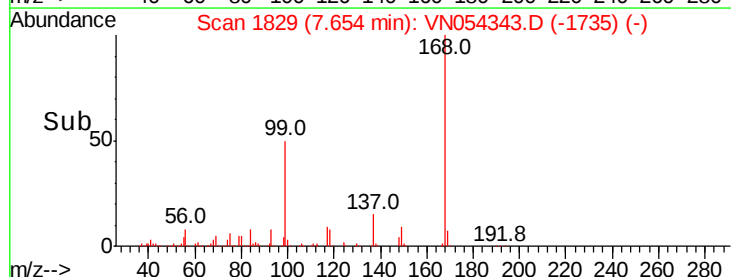
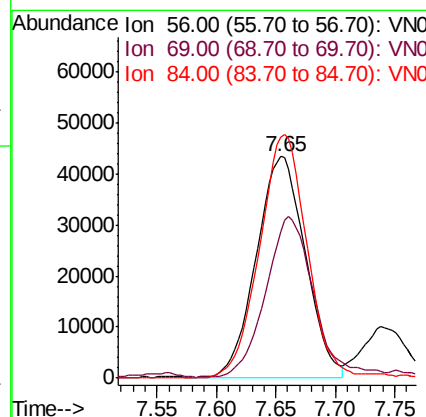
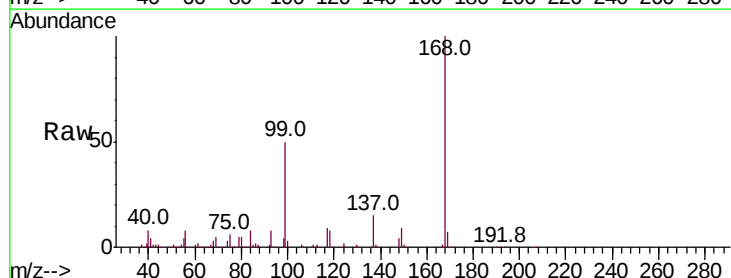
Instrument :
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ClientSampleId :
T11-MW-1-8.0-031419

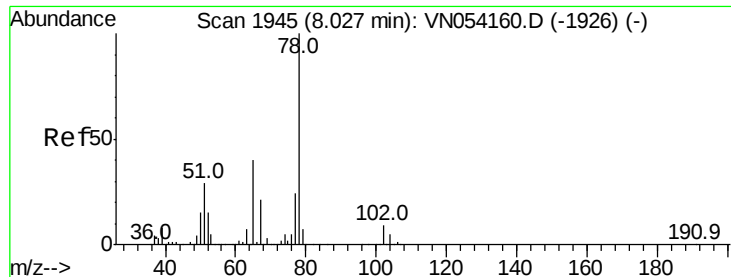
Tot Ion: 73 Resp: 113551
Ion Ratio Lower Upper
73 100
57 55.4 16.8 25.2#



#31
Cyclohexane
Concen: 2.878 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN054343.D
Acq: 16 Mar 2019 18:08

Tgt Ion: 56 Resp: 124103
Ion Ratio Lower Upper
56 100
69 65.6 27.8 41.6#
84 109.2 74.6 111.8





#33

1,2-Dichloroethane-d4

Concen: 46.641 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054343.D

Acq: 16 Mar 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

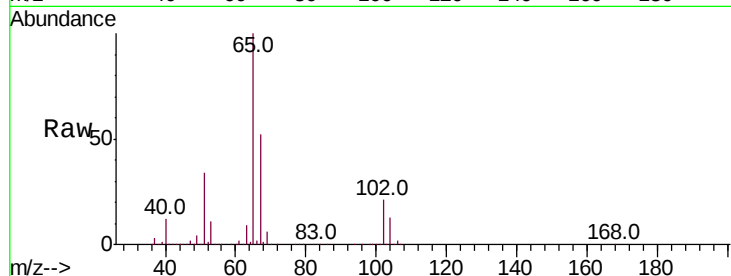
T11-MW-1-8.0-031419

Tot Ion: 65 Resp: 953857

Ion Ratio Lower Upper

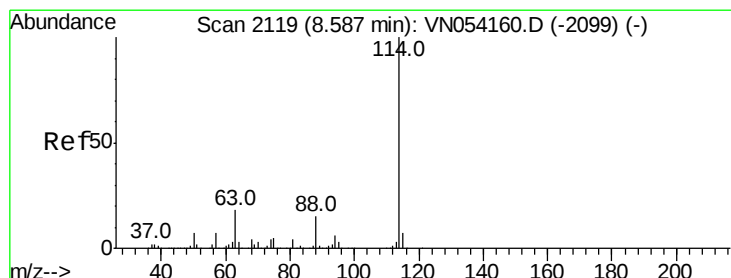
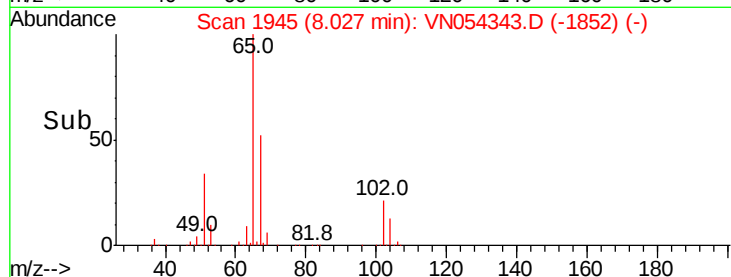
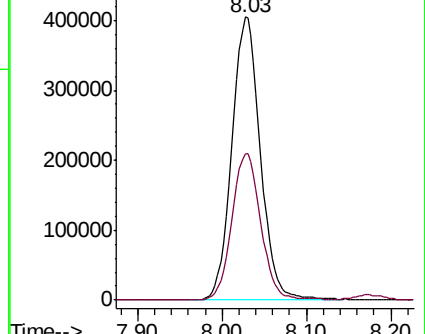
65 100

67 52.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054343.D

Acq: 16 Mar 2019 18:08

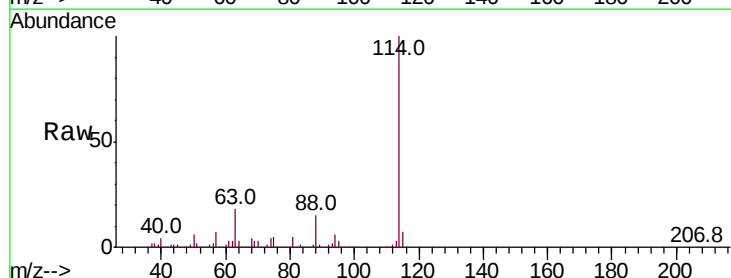
Tgt Ion:114 Resp: 2799183

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

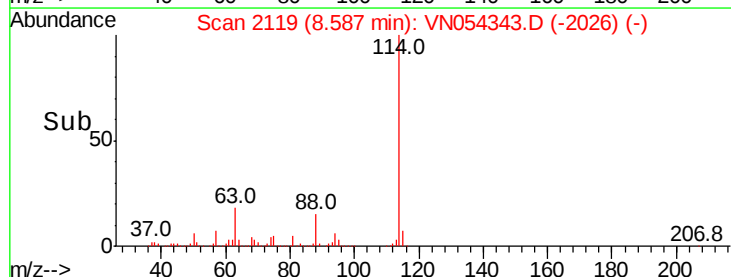
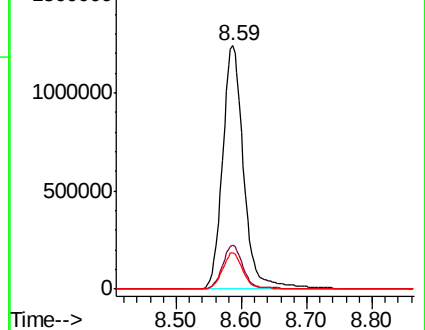
88 15.0 0.0 30.2

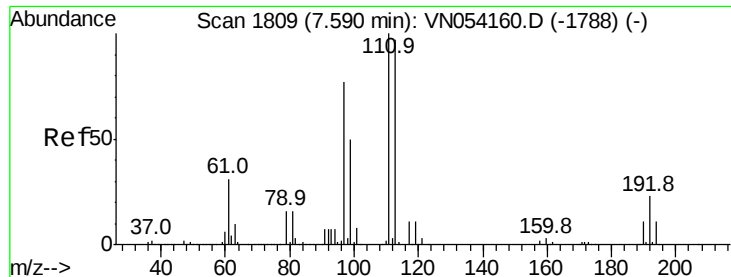


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

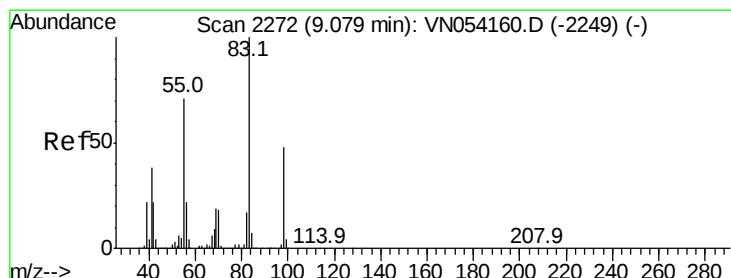
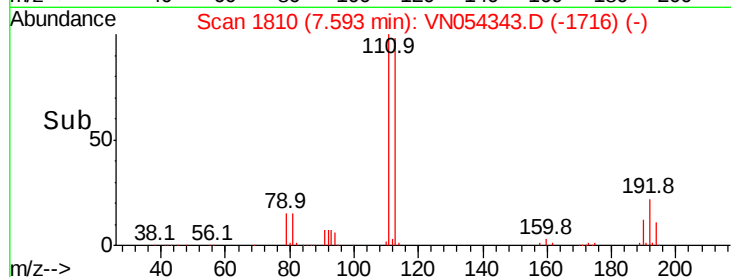
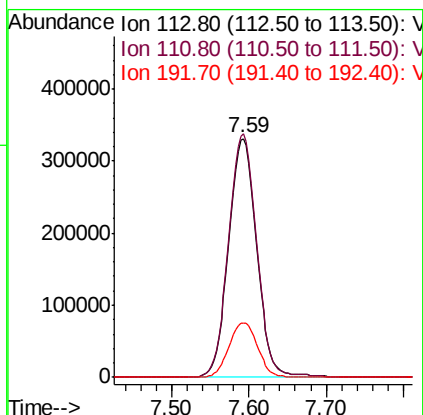
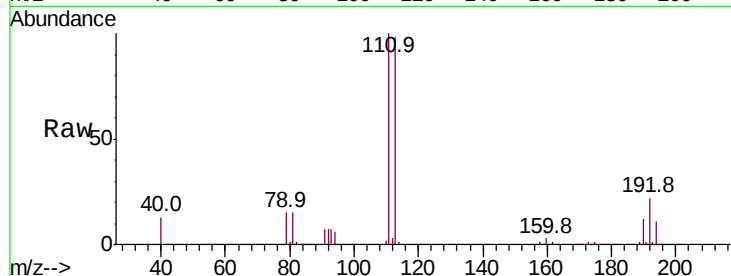




#35
Dibromofluoromethane
Concen: 46.190 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054343.D
Acq: 16 Mar 2019 18:08

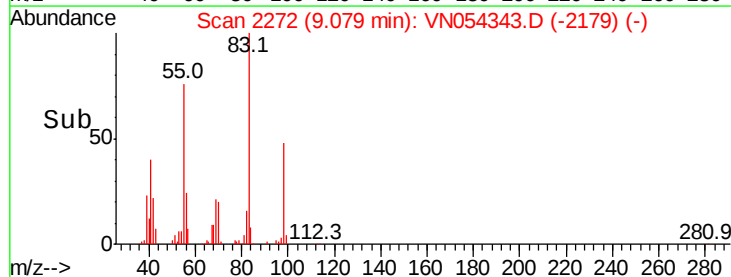
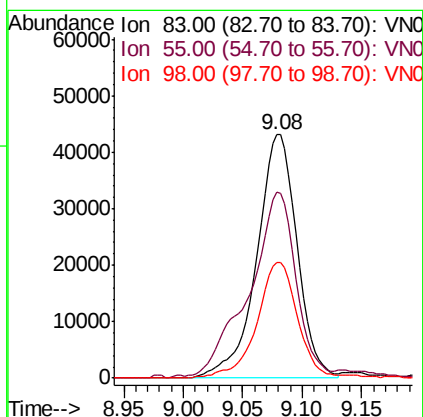
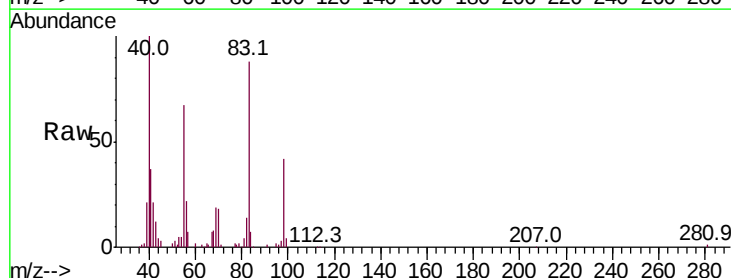
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-1-8.0-031419

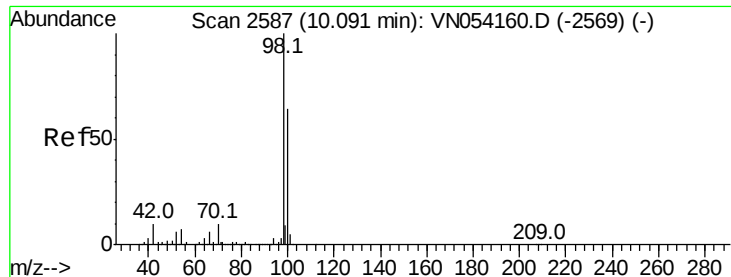
Tot Ion:113 Resp: 833888
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 23.5 19.2 28.8



#39
Methylcyclohexane
Concen: 3.192 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054343.D
Acq: 16 Mar 2019 18:08

Tgt Ion: 83 Resp: 101255
Ion Ratio Lower Upper
83 100
55 75.4 56.6 84.8
98 47.4 38.4 57.6





#50

Toluene-d8

Concen: 48.114 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054343.D

Acq: 16 Mar 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

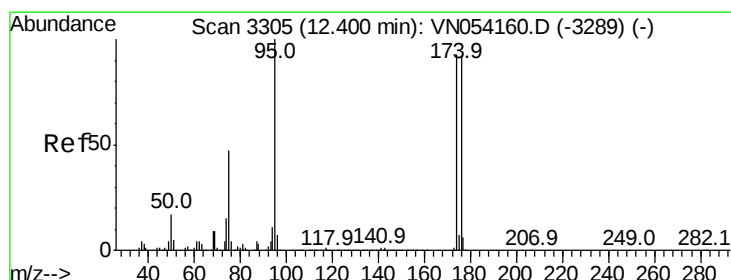
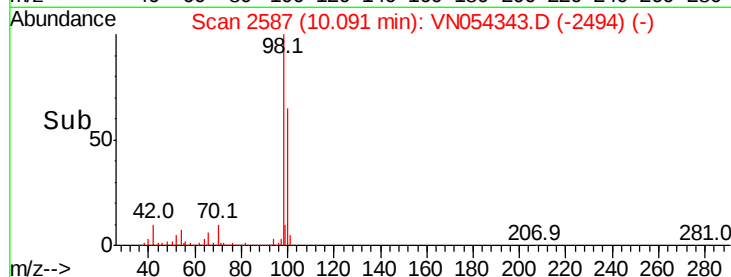
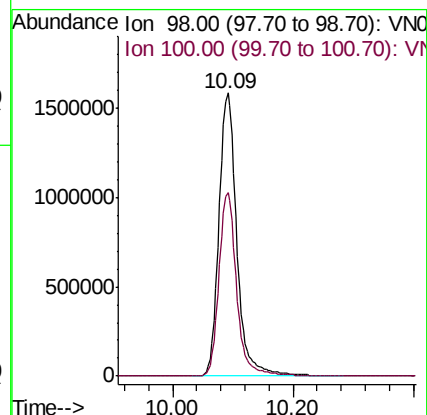
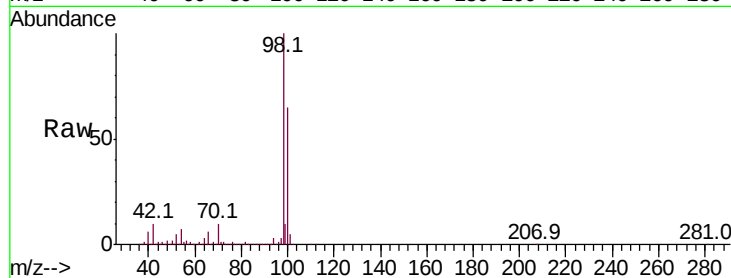
T11-MW-1-8.0-031419

Tot Ion: 98 Resp: 3207997

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 42.052 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054343.D

Acq: 16 Mar 2019 18:08

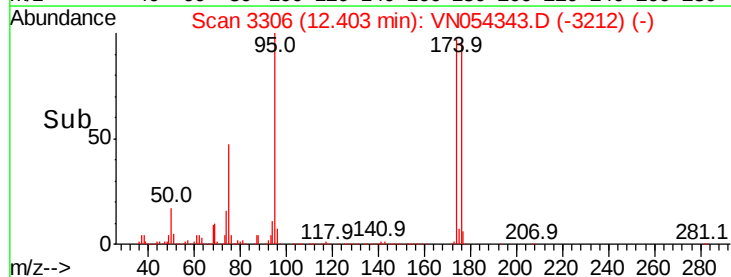
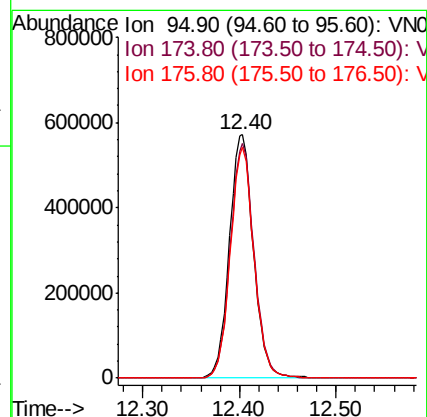
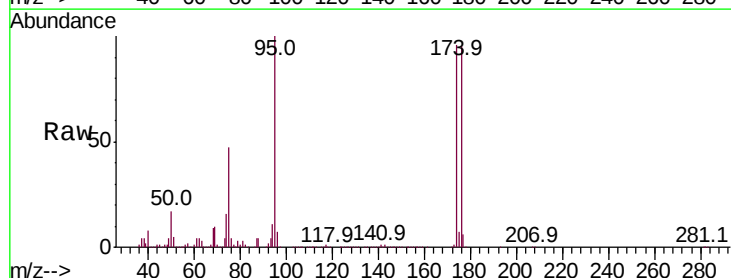
Tgt Ion: 95 Resp: 981042

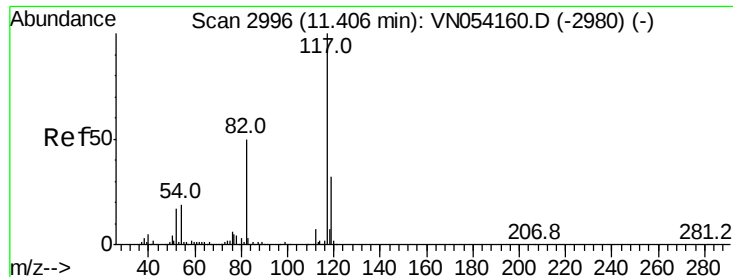
Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.0

176 93.5 0.0 187.4

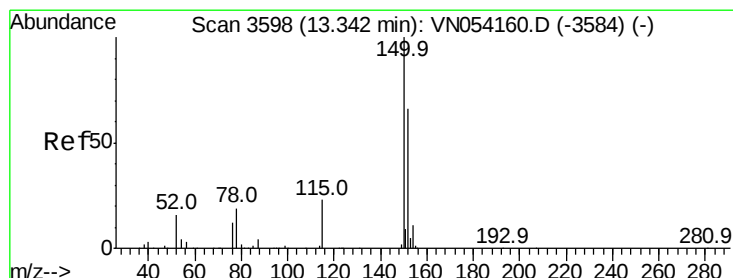
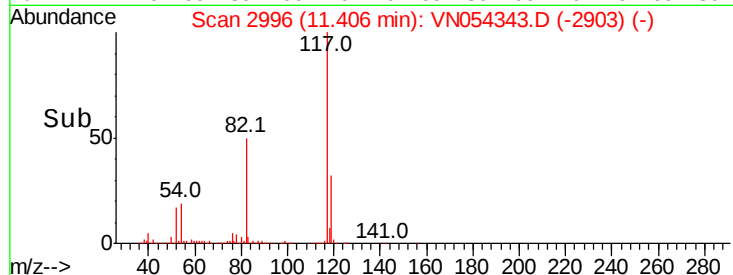
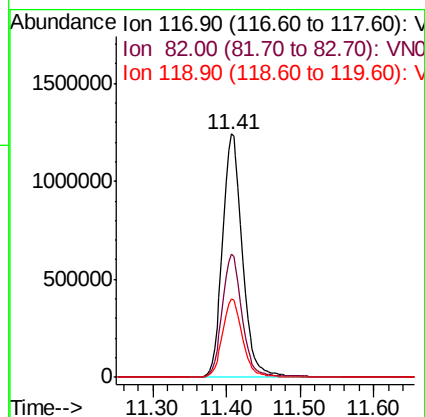
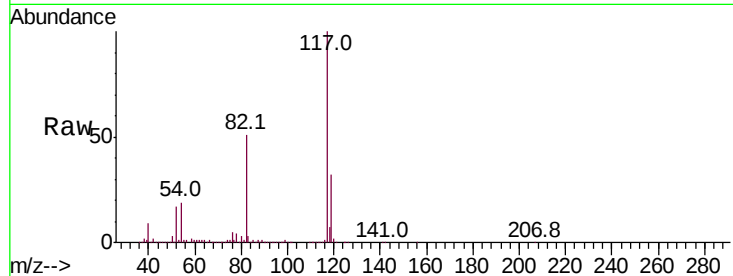




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054343.D
Acq: 16 Mar 2019 18:08

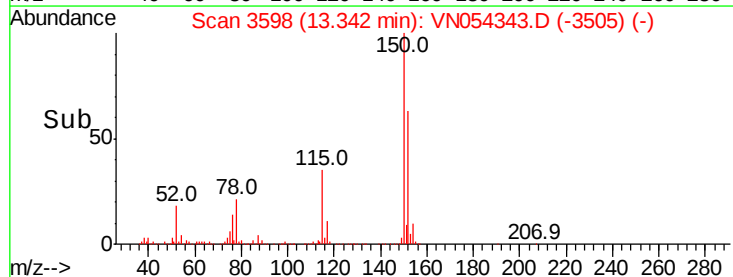
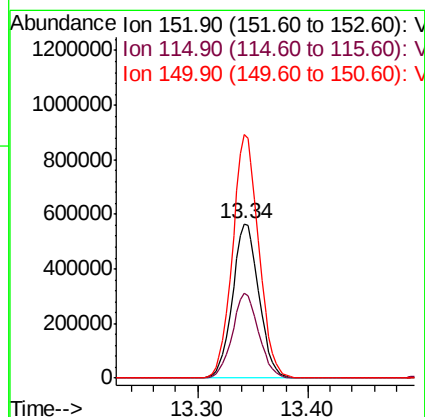
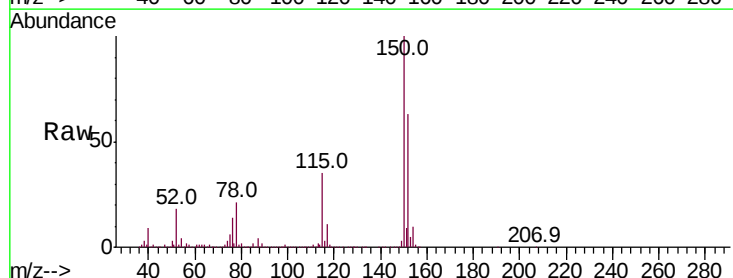
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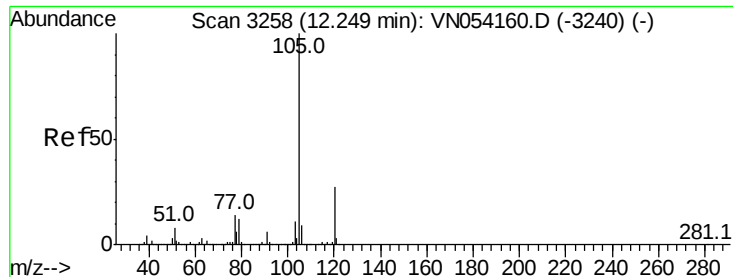
Tot Ion:117 Resp: 2330826
Ion Ratio Lower Upper
117 100
82 50.5 40.0 60.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054343.D
Acq: 16 Mar 2019 18:08

Tgt Ion:152 Resp: 932229
Ion Ratio Lower Upper
152 100
115 54.7 27.2 81.6
150 157.2 0.0 349.2





#73

Isopropylbenzene

Concen: 0.411 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054343.D

Acq: 16 Mar 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

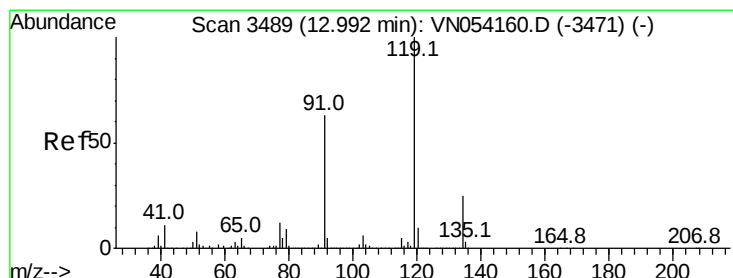
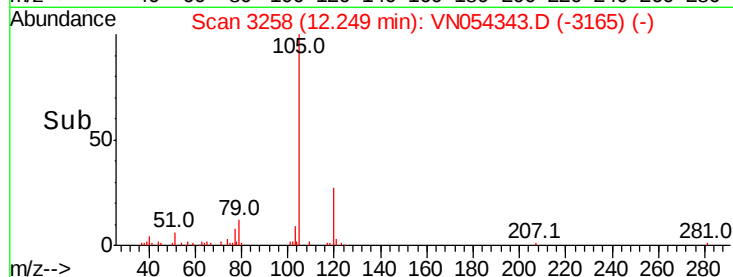
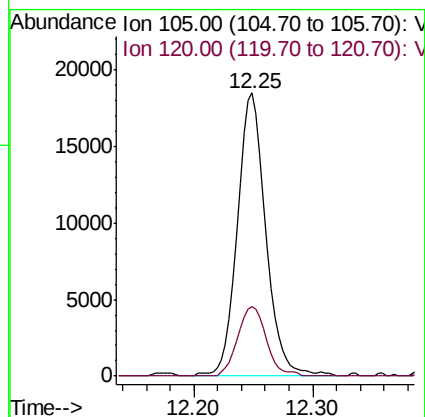
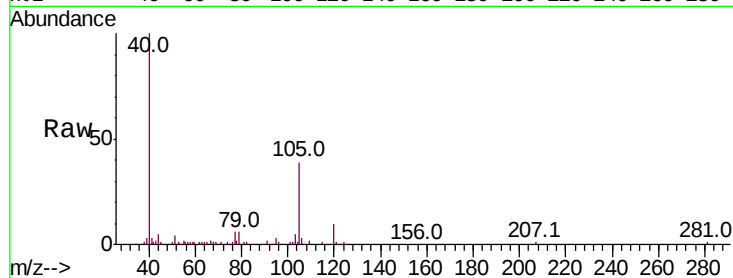
T11-MW-1-8.0-031419

Tot Ion:105 Resp: 30665

Ion Ratio Lower Upper

105 100

120 24.8 13.8 41.3



#83

tert-Butylbenzene

Concen: 0.435 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN054343.D

Acq: 16 Mar 2019 18:08

Tgt Ion:119 Resp: 24823

Ion Ratio Lower Upper

119 100

91 64.9 30.9 92.8

134 24.2 13.2 39.6

