

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053082.D
 Acq On : 21 Dec 2018 3:29
 Operator : MD\SY
 Sample : J6519-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-6-9.0-122018

Quant Time: Dec 21 07:21:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

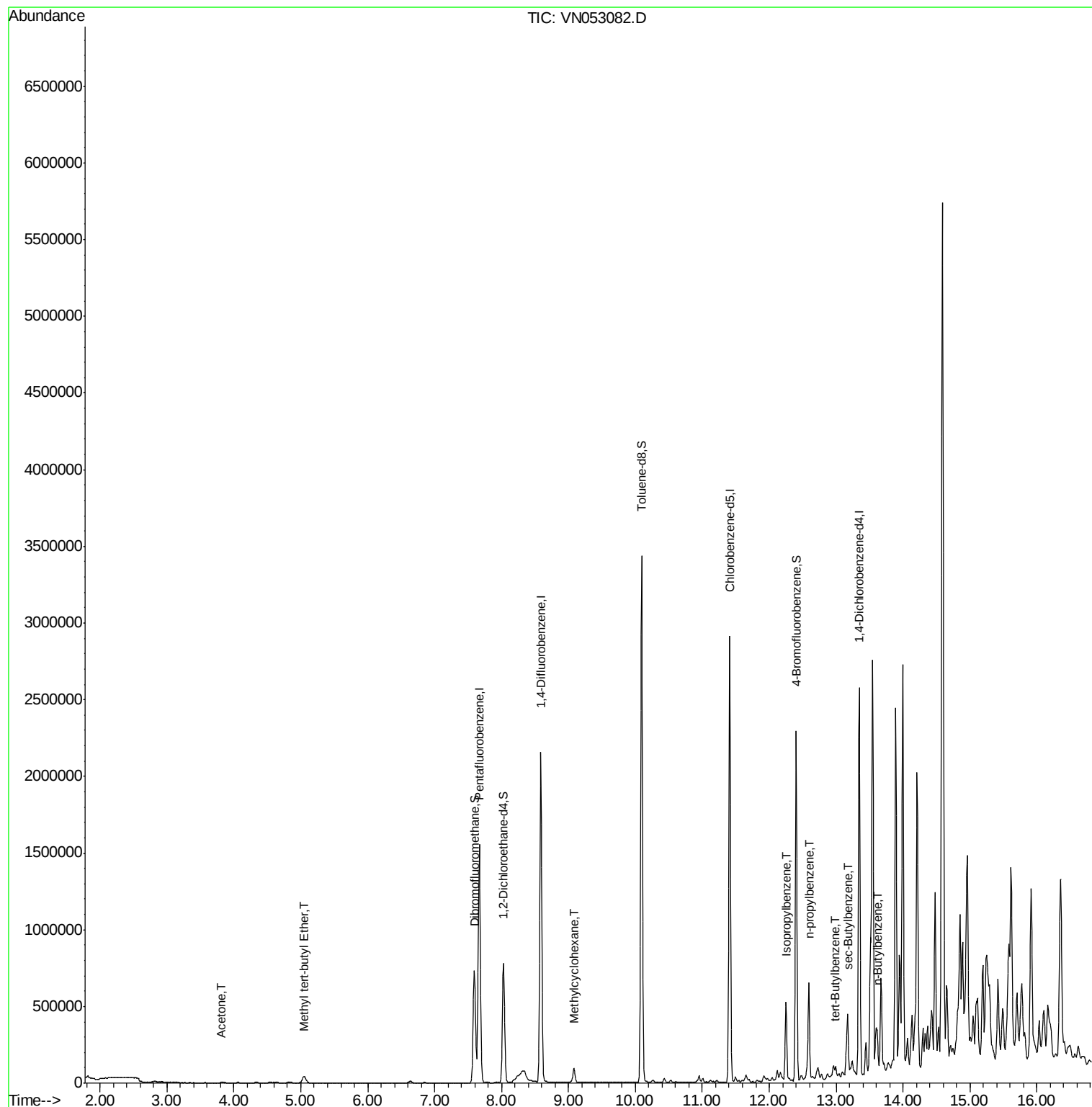
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1340467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2028994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1777773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	721637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	646759	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	7.59	113	572733	61.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.58%	
50) Toluene-d8	10.09	98	2470831	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	793294	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
Target Compounds						
16) Acetone	3.82	43	7680	2.879	ug/l	97
19) Methyl tert-butyl Ether	5.04	73	73556	2.151	ug/l	99
39) Methylcyclohexane	9.08	83	43803	1.852	ug/l	99
73) Isopropylbenzene	12.25	105	348927	6.180	ug/l	99
78) n-propylbenzene	12.59	91	524513	8.157	ug/l	100
83) tert-Butylbenzene	12.99	119	35553	0.874	ug/l	95
85) sec-Butylbenzene	13.17	105	263983	4.795	ug/l	84
89) n-Butylbenzene	13.62	91	169469	4.141	ug/l #	80

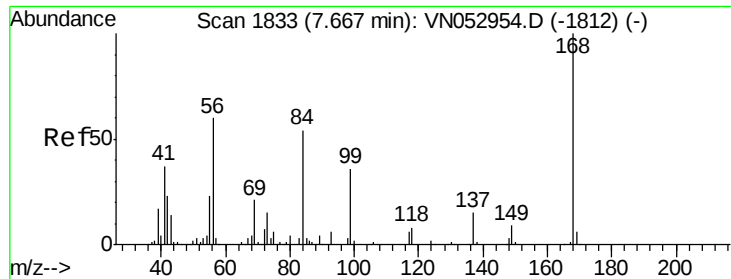
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
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: VN053082.D

Acq: 21 Dec 2018 3:29

Instrument :

MSVOA_N

ClientSampleId :

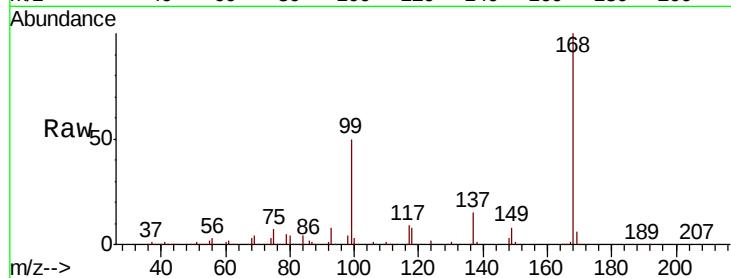
T11-MW-6-9.0-122018

Tot Ion:168 Resp: 1340467

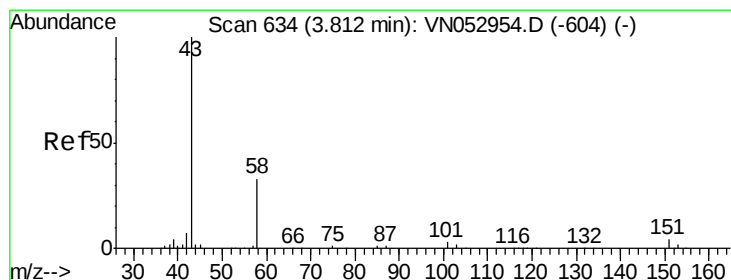
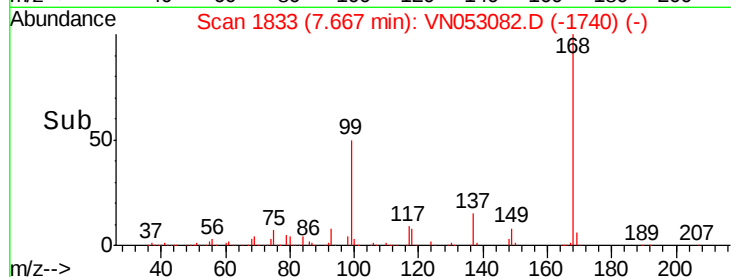
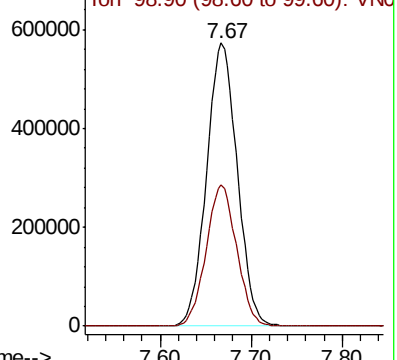
Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053082.D (-1740) (-)



#16

Acetone

Concen: 2.879 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053082.D

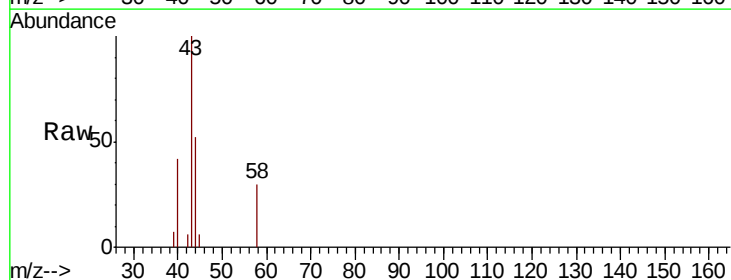
Acq: 21 Dec 2018 3:29

Tgt Ion: 43 Resp: 7680

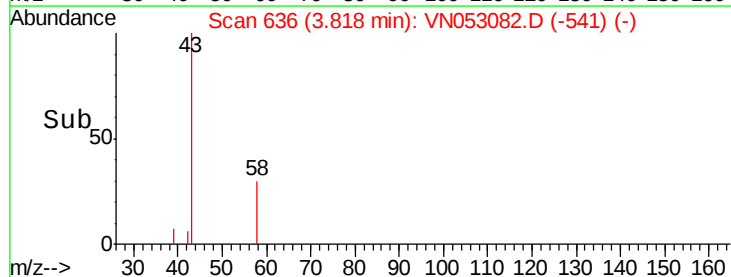
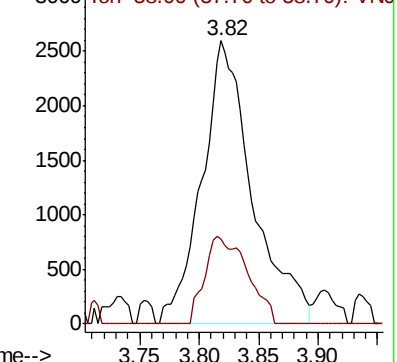
Ion Ratio Lower Upper

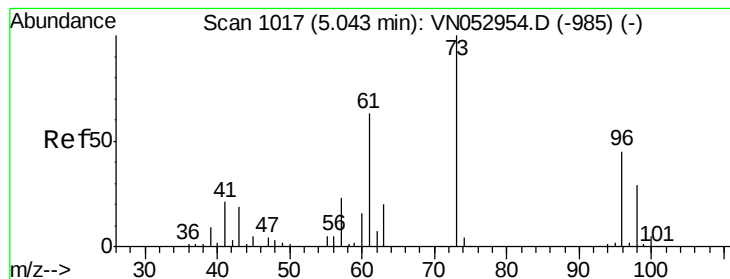
43 100

58 29.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053082.D (-541) (-)



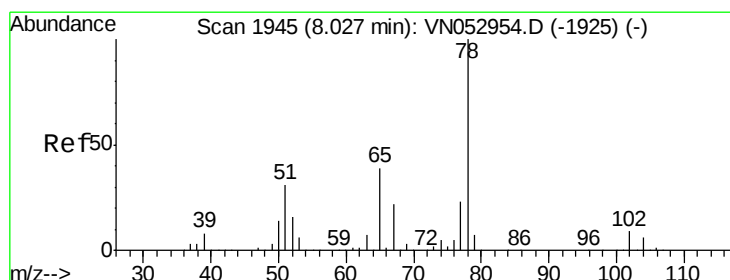
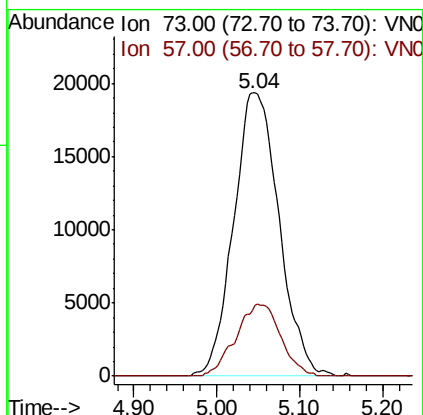
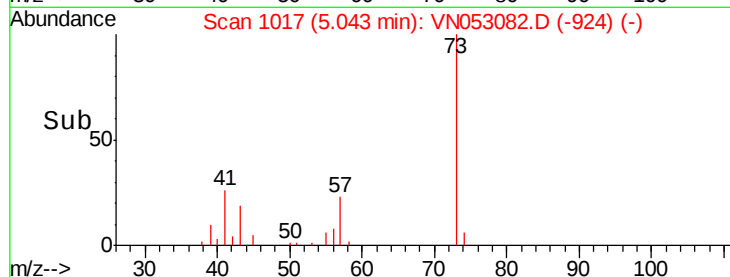
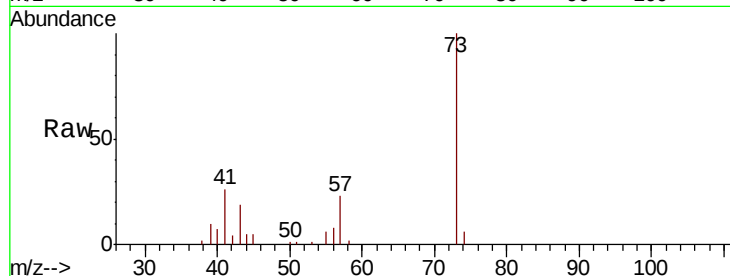


#19

Methvl tert-butvl Ether
 Concen: 2.151 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN053082.D
 Acq: 21 Dec 2018 3:29

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-6-9.0-122018

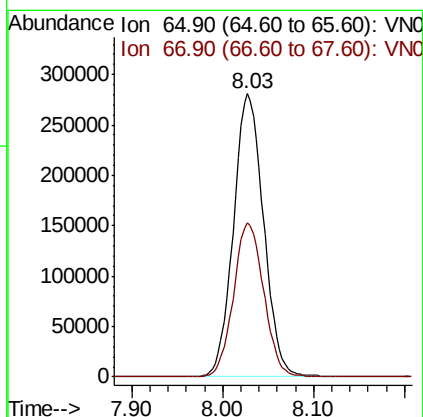
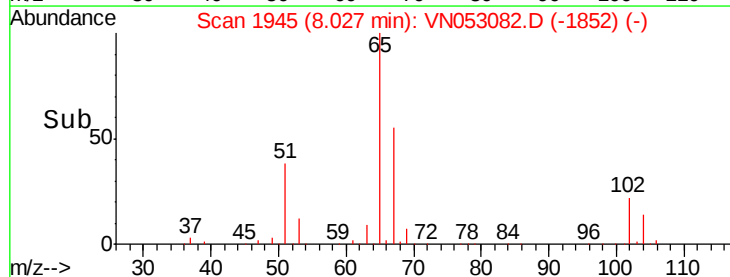
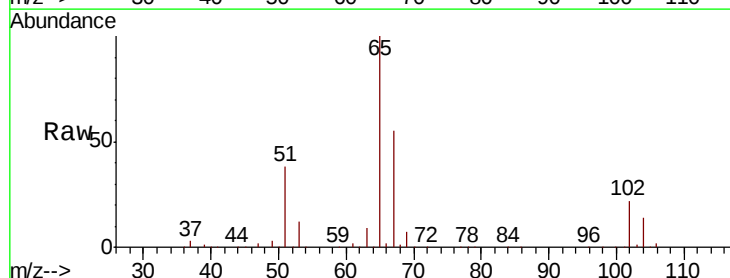
Tot Ion: 73 Resp: 73556
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.4 27.6

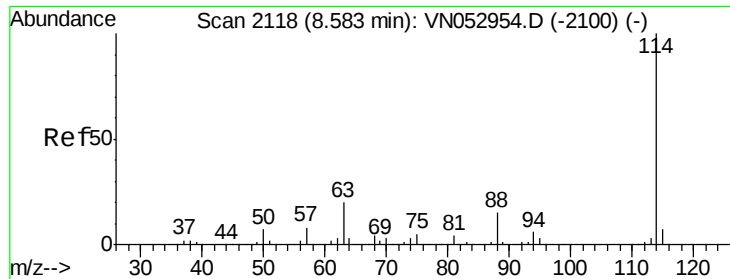


#33

1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053082.D
 Acq: 21 Dec 2018 3:29

Tgt Ion: 65 Resp: 646759
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.4

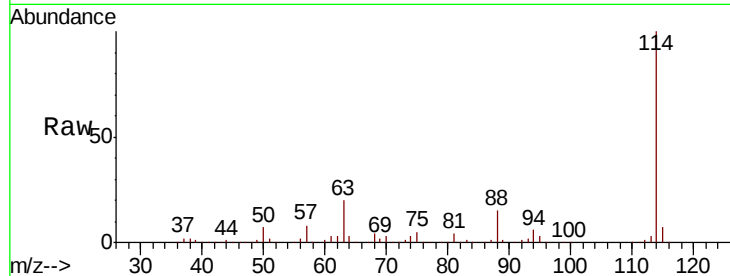




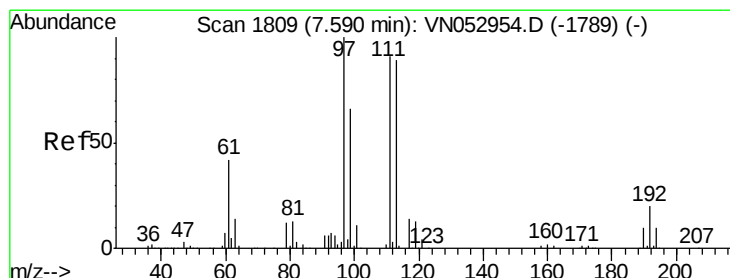
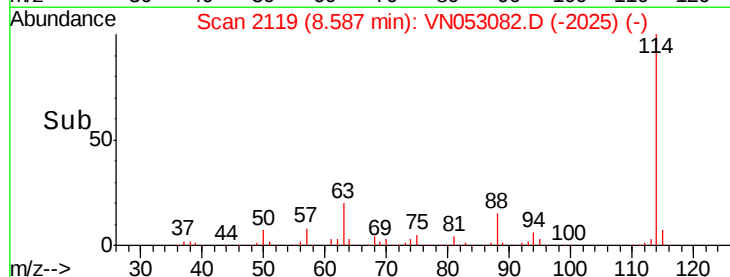
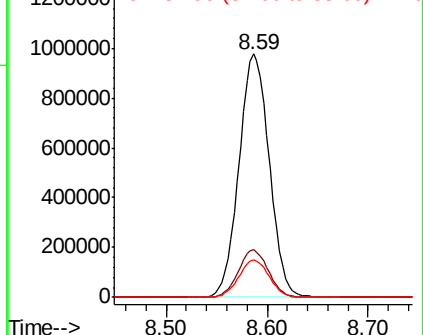
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053082.D
 Acq: 21 Dec 2018 3:29

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-6-9.0-122018

Tot Ion:114 Resp: 2028994
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.5 0.0 31.0

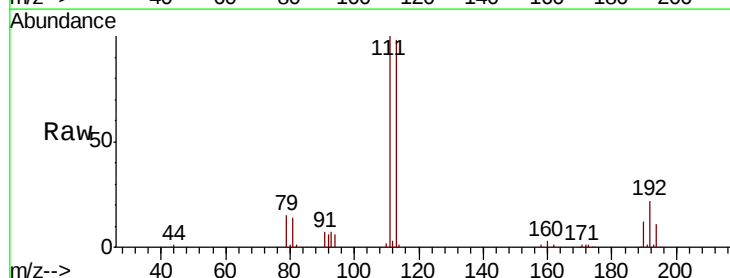


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

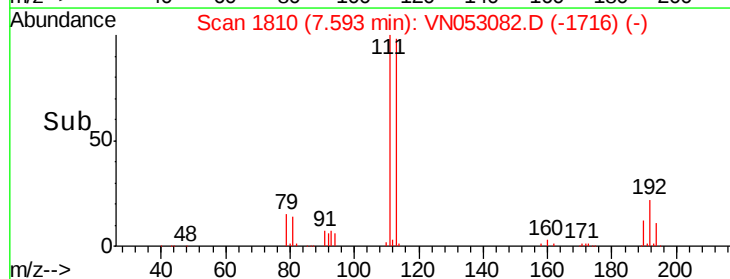
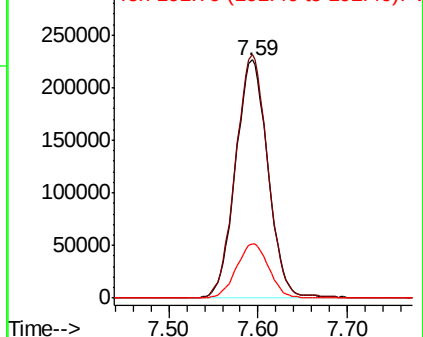


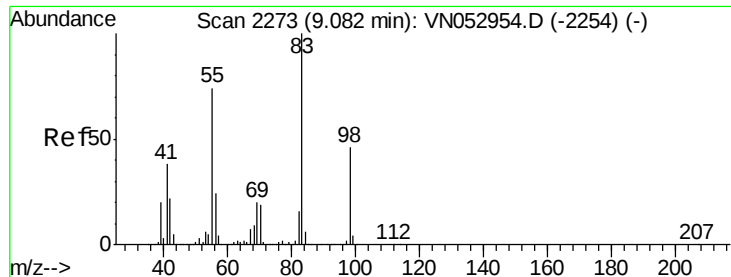
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053082.D
 Acq: 21 Dec 2018 3:29

Tgt Ion:113 Resp: 572733
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.0 124.4
 192 22.8 17.5 26.3



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

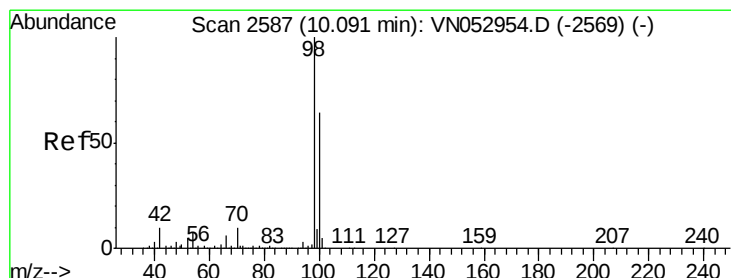
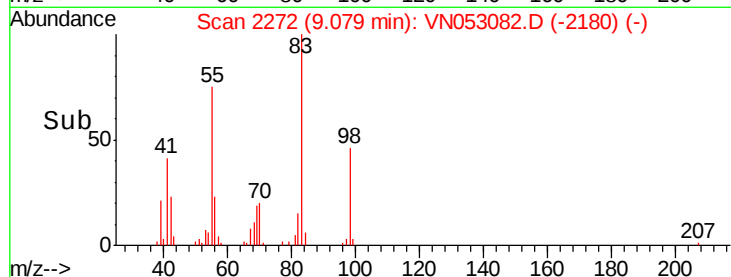
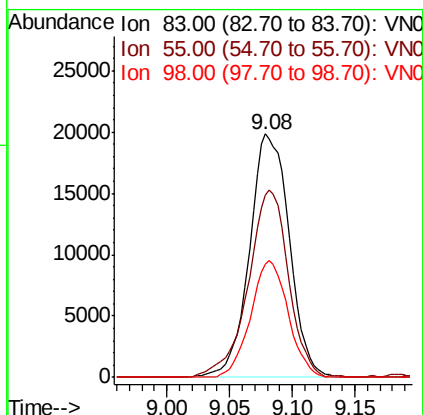
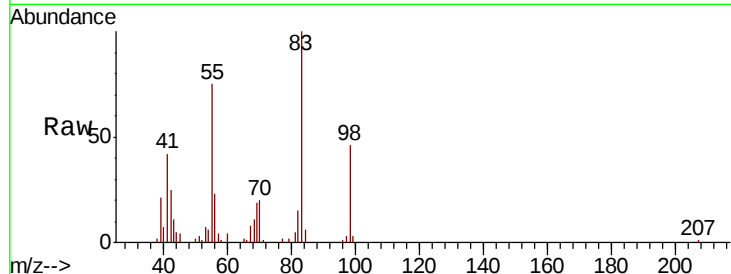




#39
Methvlcvclohexane
Concen: 1.852 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053082.D
Acq: 21 Dec 2018 3:29

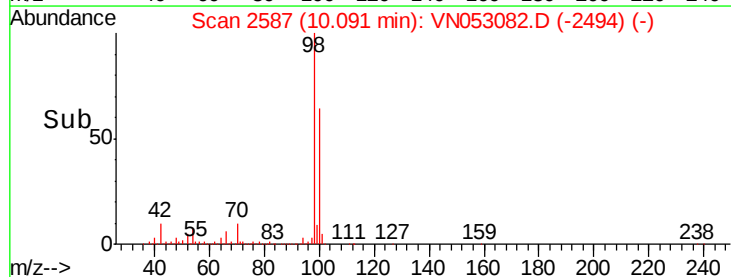
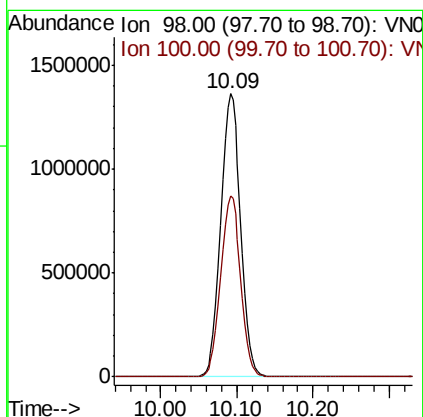
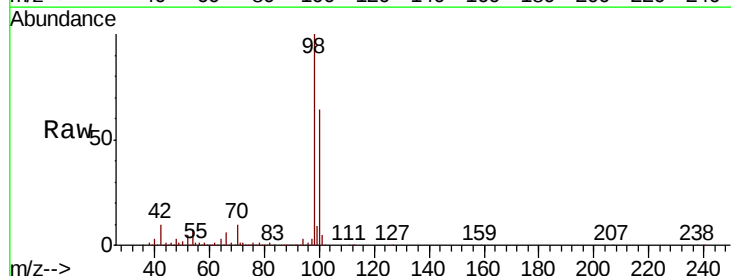
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-6-9.0-122018

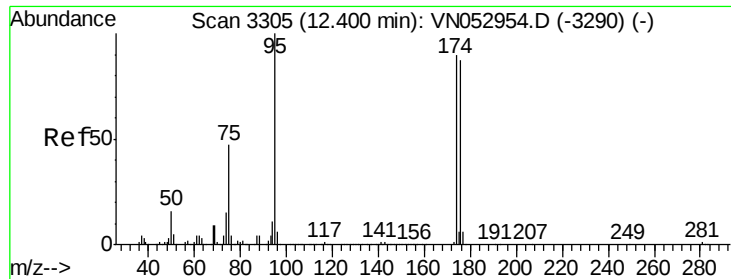
Tot Ion: 83 Resp: 43803
Ion Ratio Lower Upper
83 100
55 74.8 61.3 91.9
98 46.3 37.0 55.4



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053082.D
Acq: 21 Dec 2018 3:29

Tgt Ion: 98 Resp: 2470831
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

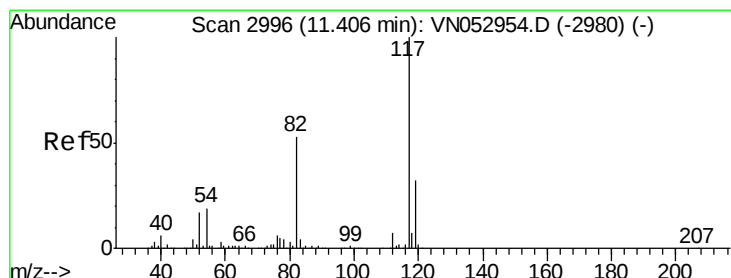
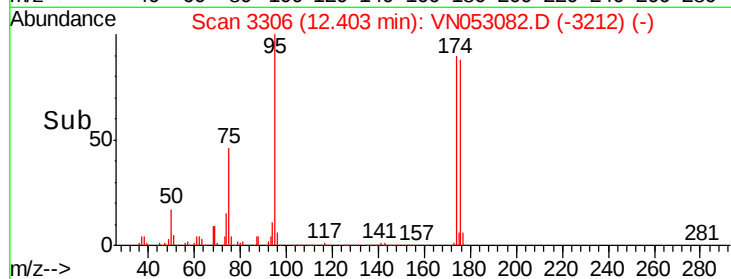
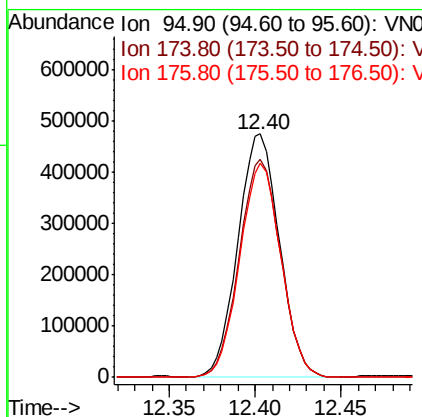
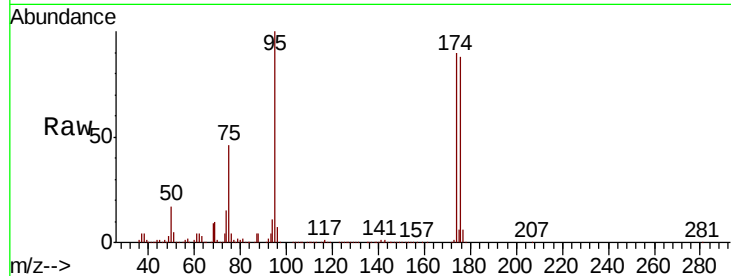




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053082.D
Acq: 21 Dec 2018 3:29

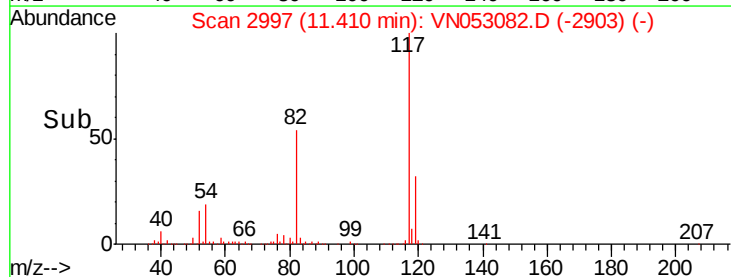
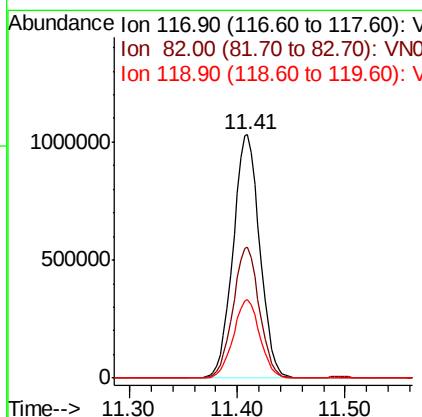
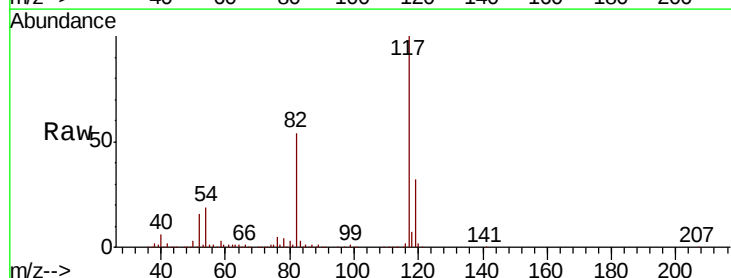
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-6-9.0-122018

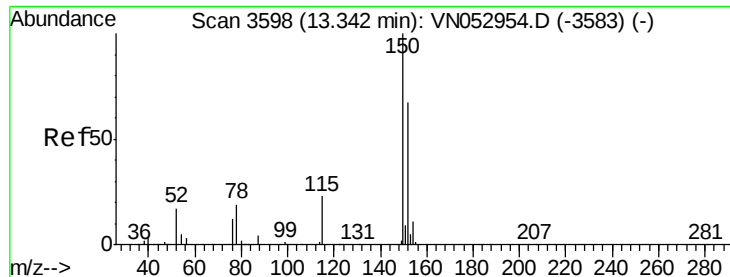
Tot Ion: 95 Resp: 793294
Ion Ratio Lower Upper
95 100
174 89.9 0.0 178.8
176 87.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053082.D
Acq: 21 Dec 2018 3:29

Tgt Ion: 117 Resp: 1777773
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053082.D

Acq: 21 Dec 2018 3:29

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-6-9.0-122018

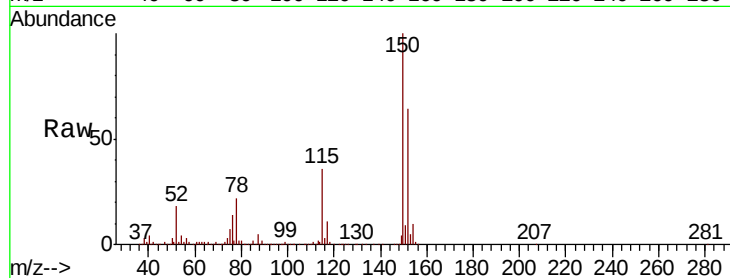
Tot Ion:152 Resp: 721637

Ion Ratio Lower Upper

152 100

115 56.3 28.3 85.0

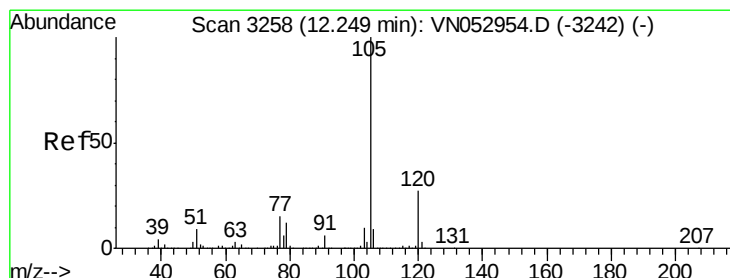
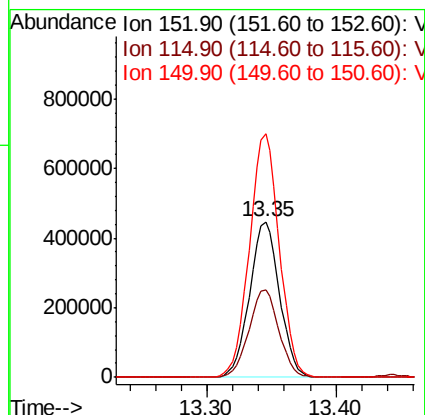
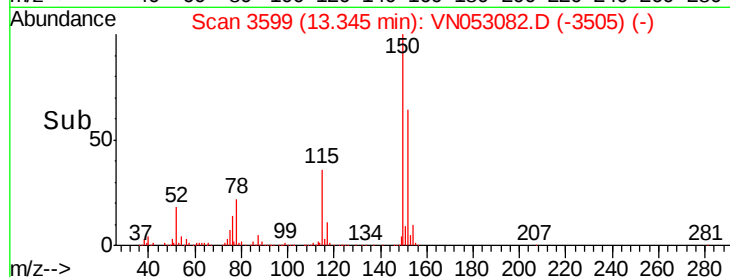
150 155.6 0.0 347.8



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



#73

Isopropylbenzene

Concen: 6.180 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053082.D

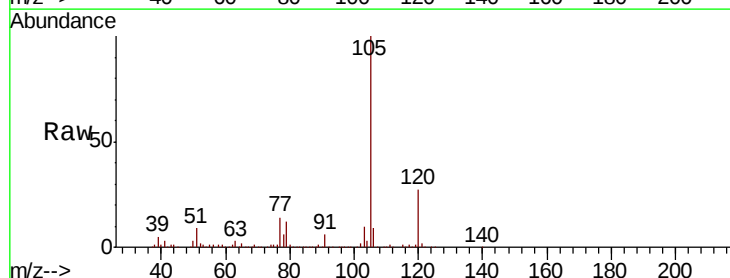
Acq: 21 Dec 2018 3:29

Tgt Ion:105 Resp: 348927

Ion Ratio Lower Upper

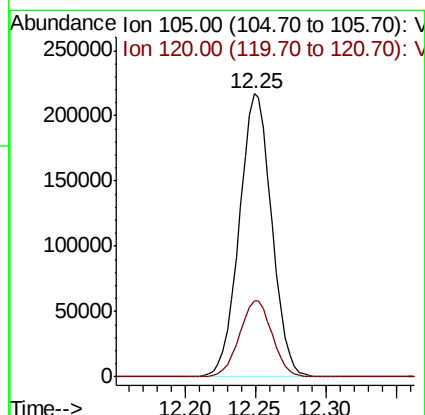
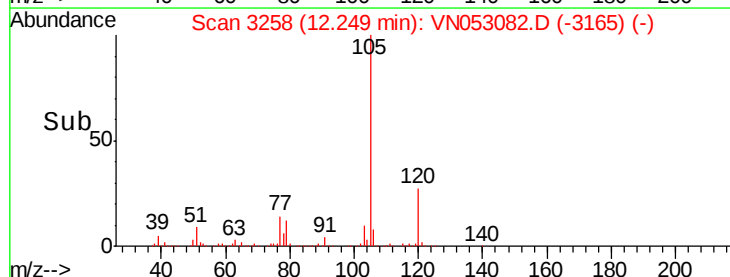
105 100

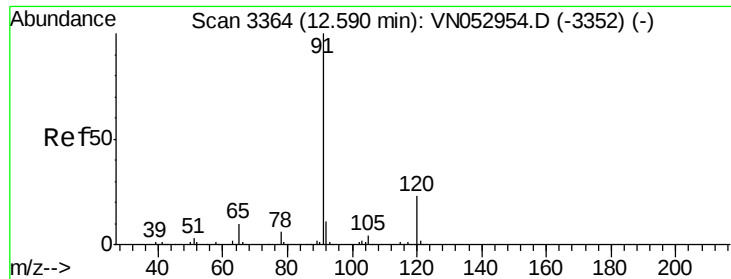
120 27.2 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 8.157 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053082.D

Acq: 21 Dec 2018 3:29

Instrument :

MSVOA_N

ClientSampleId :

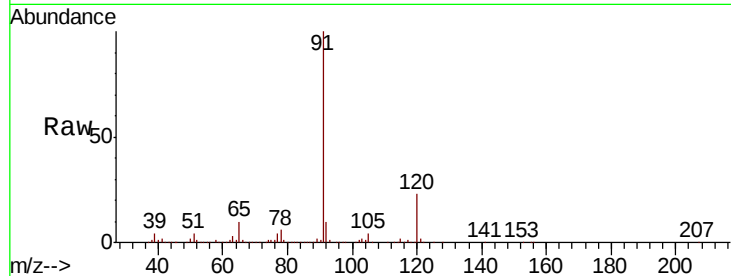
T11-MW-6-9.0-122018

Tot Ion: 91 Resp: 524513

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3352) (-)

12.59

300000

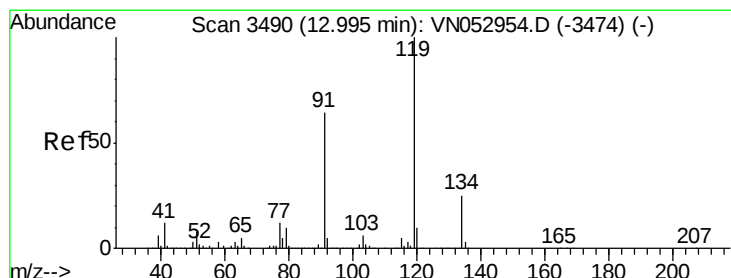
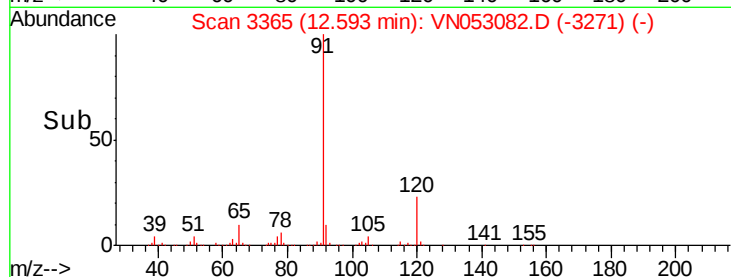
200000

100000

0

Time-->

12.50 12.55 12.60 12.65



#83

tert-Butylbenzene

Concen: 0.874 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN053082.D

Acq: 21 Dec 2018 3:29

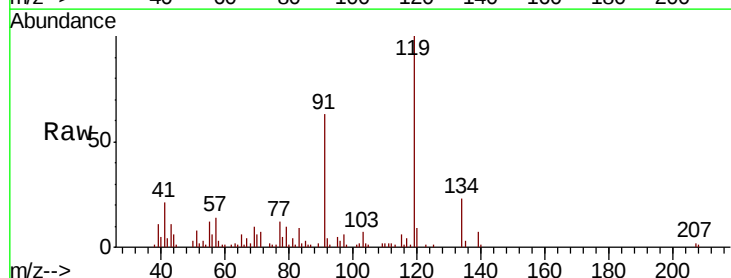
Tgt Ion: 119 Resp: 35553

Ion Ratio Lower Upper

119 100

91 67.8 31.9 95.5

134 23.6 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): VN052954.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN052954.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN052954.D (-3474) (-)

12.99

30000

25000

20000

15000

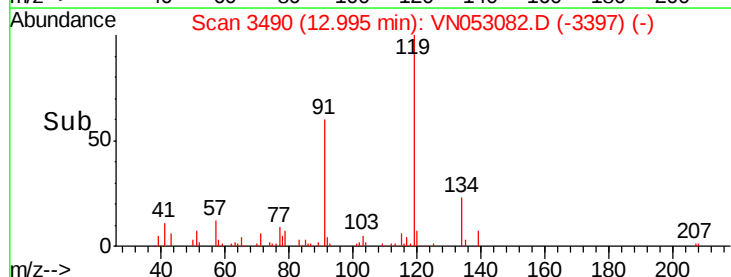
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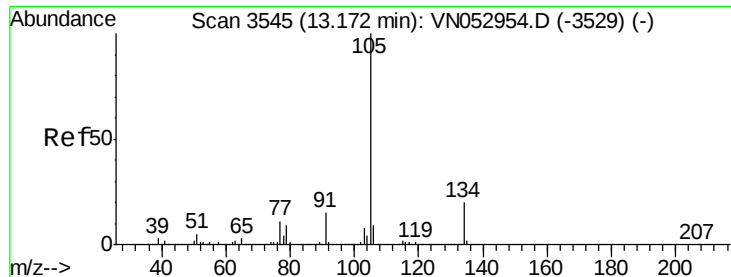
5000

0

Time-->

12.95 13.00 13.05

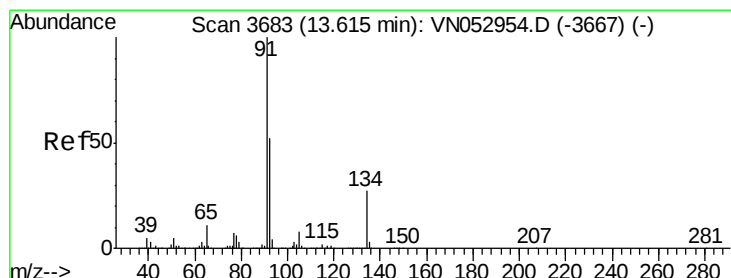
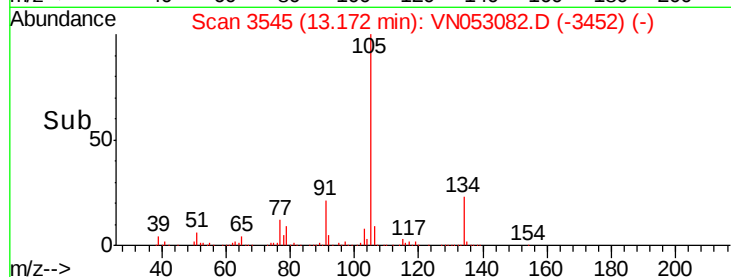
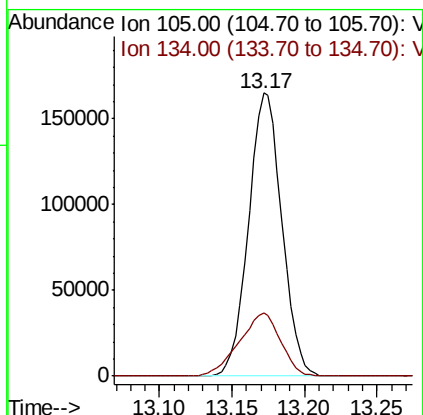
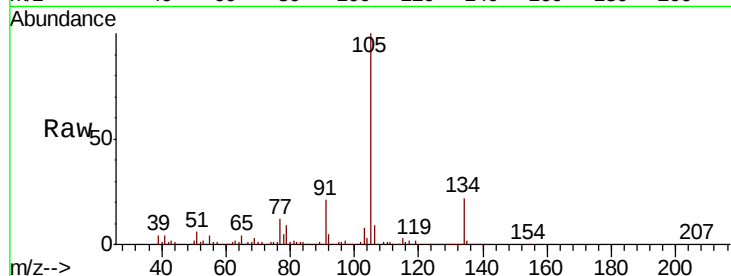




#85
 sec-Butylbenzene
 Concen: 4.795 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053082.D
 Acq: 21 Dec 2018 3:29

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-6-9.0-122018

Tot Ion:105 Resp: 263983
 Ion Ratio Lower Upper
 105 100
 134 27.6 10.1 30.3



#89
 n-Butylbenzene
 Concen: 4.141 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN053082.D
 Acq: 21 Dec 2018 3:29

Tgt Ion: 91 Resp: 169469
 Ion Ratio Lower Upper
 91 100
 92 47.5 26.3 78.9
 134 49.8 13.3 39.8#

