

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053077.D
 Acq On : 21 Dec 2018 1:15
 Operator : MD\SY
 Sample : J6519-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-1-8.0-122018

Quant Time: Dec 21 11:37:47 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	1365152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2064538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1838150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	769810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	651227	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	
35) Dibromofluoromethane	7.59	113	571571	60.61	ug/l	0.00
Spiked Amount			Recovery	=	121.22%	
50) Toluene-d8	10.09	98	2526493	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	837226	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	

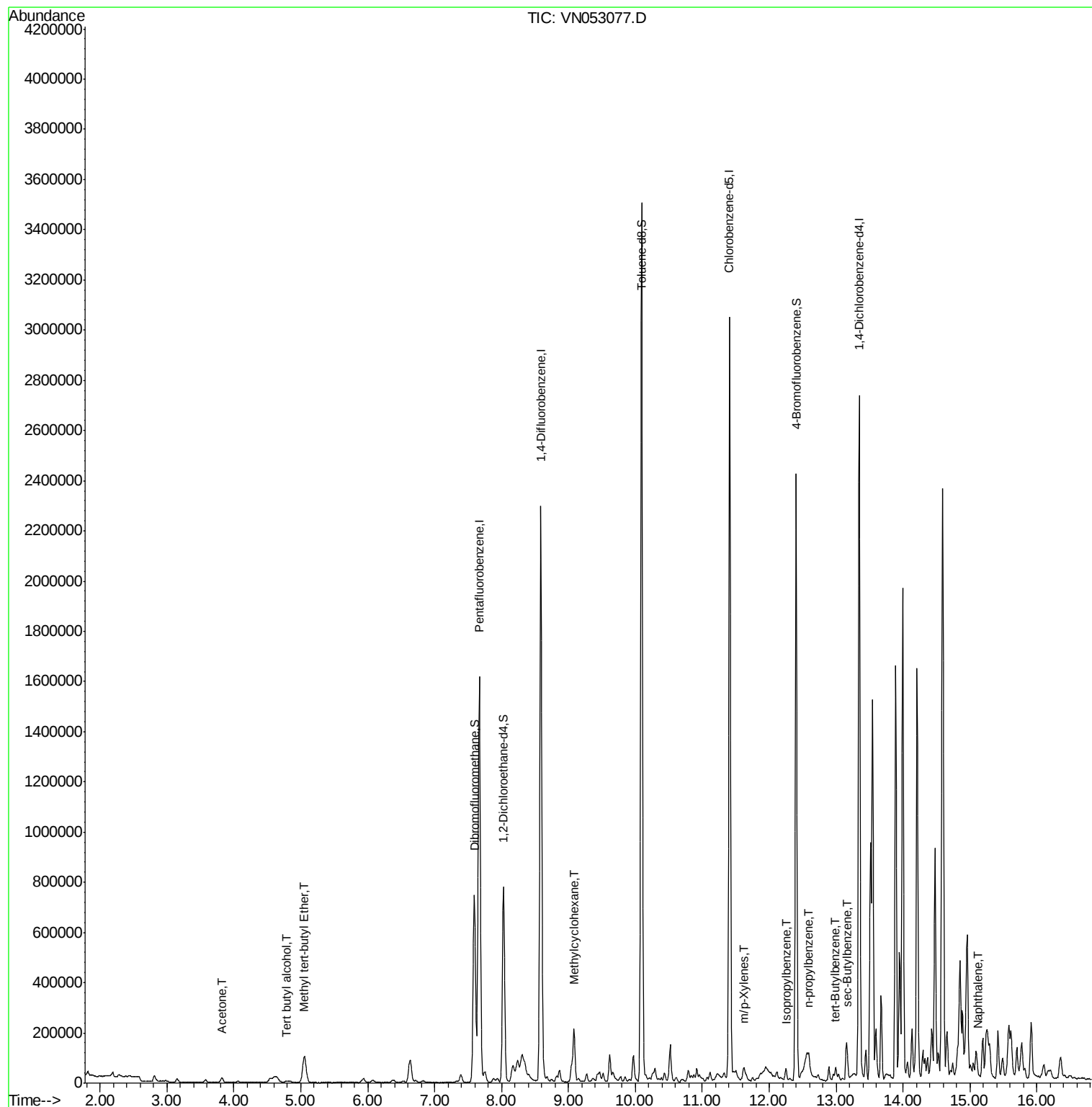
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	10368	12.265	ug/l #	74
16) Acetone	3.82	43	28516	10.498	ug/l	90
19) Methyl tert-butyl Ether	5.05	73	121476	3.489	ug/l #	28
39) Methylcyclohexane	9.08	83	97562	4.053	ug/l	98
68) m/p-Xylenes	11.62	106	18300	0.687	ug/l	93
73) Isopropylbenzene	12.25	105	31513	0.523	ug/l	98
78) n-propylbenzene	12.59	91	27865	0.406	ug/l	99
83) tert-Butylbenzene	12.99	119	24252	0.559	ug/l	96
85) sec-Butylbenzene	13.17	105	39837	0.678	ug/l #	1
95) Naphthalene	15.13	128	2576	1.230	ug/l #	69

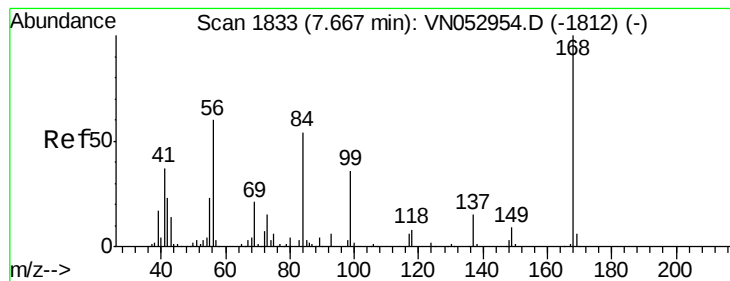
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053077.D

Acq: 21 Dec 2018 1:15

Instrument :

MSVOA_N

ClientSampleId :

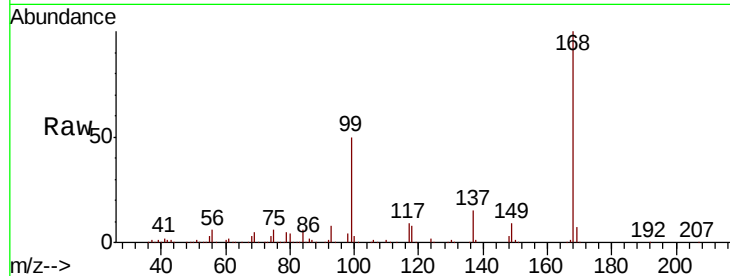
T11-MW-1-8.0-122018

Tot Ion:168 Resp: 1365152

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

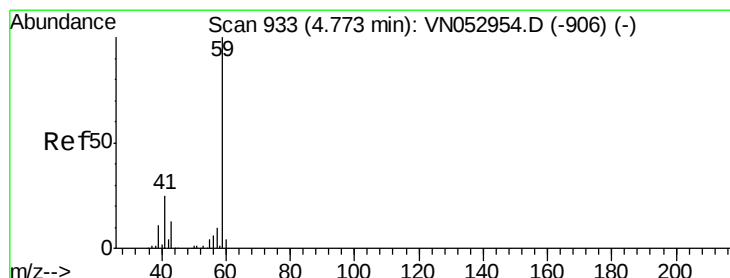
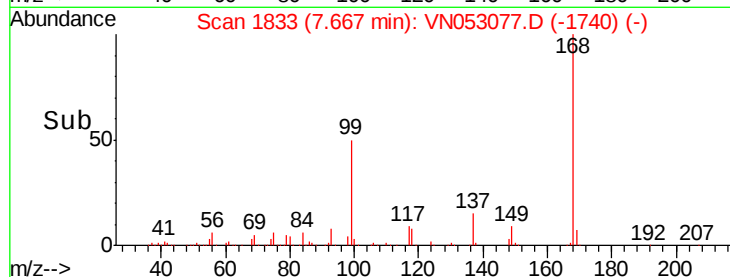
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 12.265 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.01 min

Lab File: VN053077.D

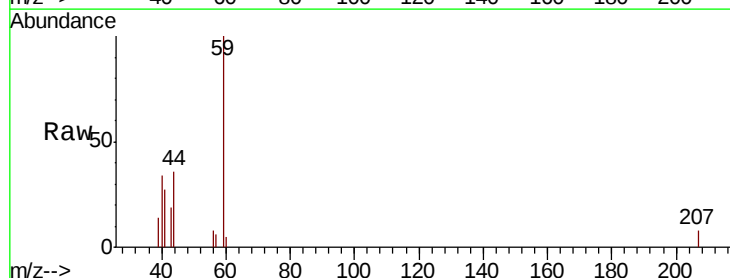
Acq: 21 Dec 2018 1:15

Tgt Ion: 59 Resp: 10368

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.78

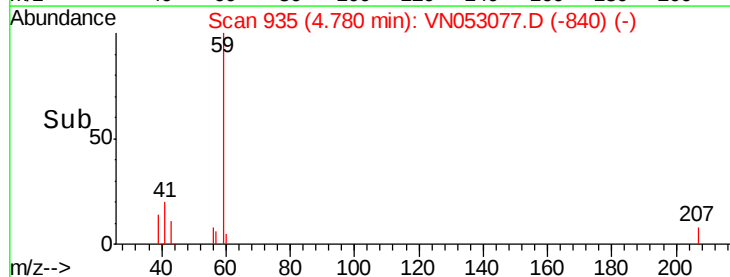
3000

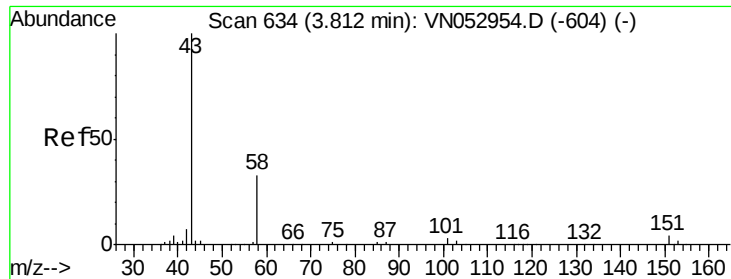
2000

1000

0

Time-->

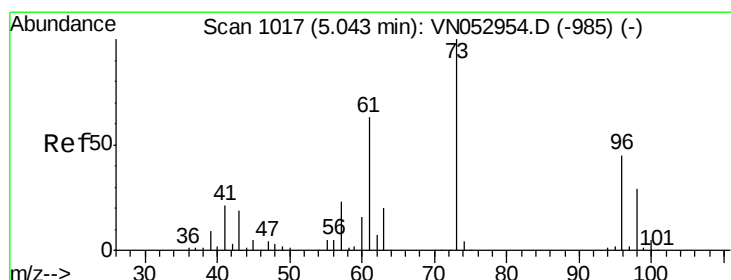
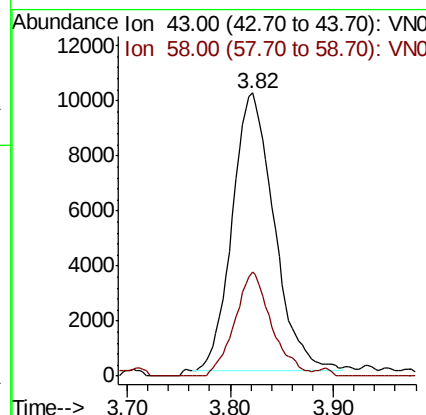
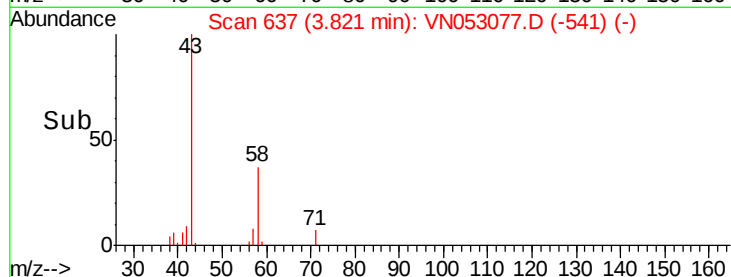
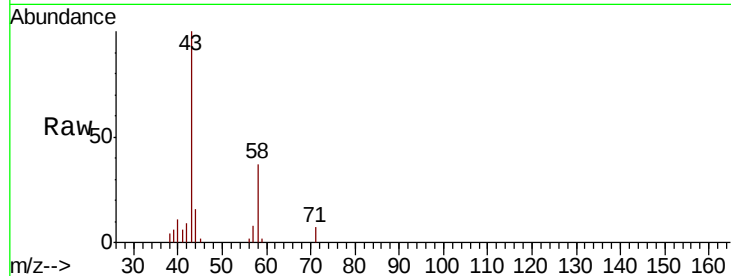




#16
Acetone
Concen: 10.498 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053077.D
Acq: 21 Dec 2018 1:15

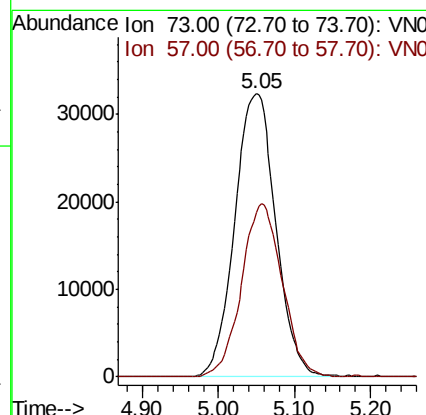
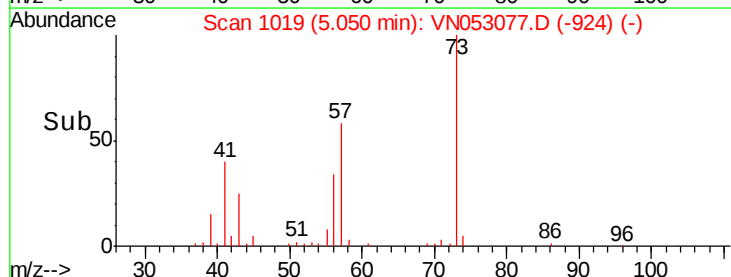
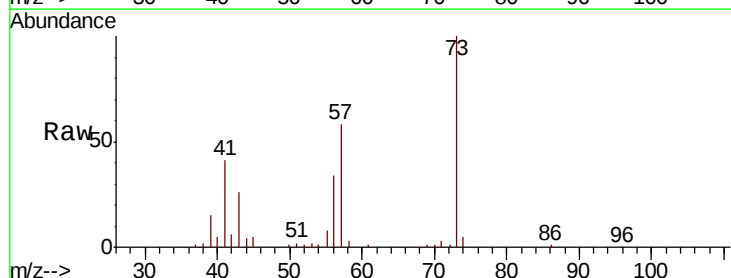
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-1-8.0-122018

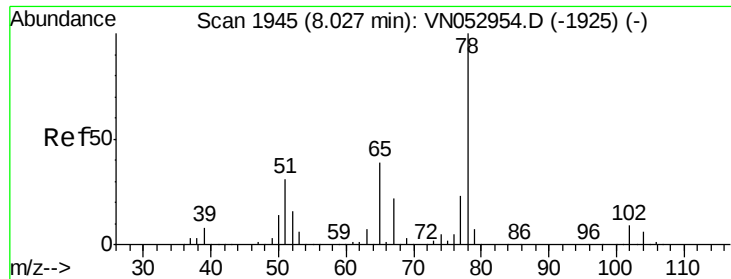
Tot Ion: 43 Resp: 28516
Ion Ratio Lower Upper
43 100
58 37.5 25.4 38.0



#19
Methyl tert-butyl Ether
Concen: 3.489 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN053077.D
Acq: 21 Dec 2018 1:15

Tgt Ion: 73 Resp: 121476
Ion Ratio Lower Upper
73 100
57 58.1 18.4 27.6#

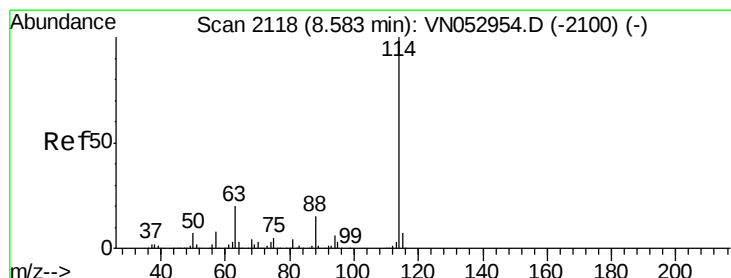
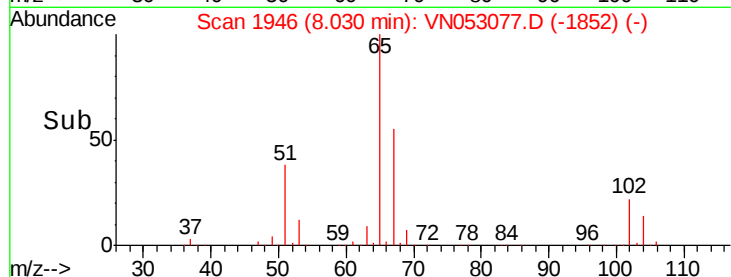
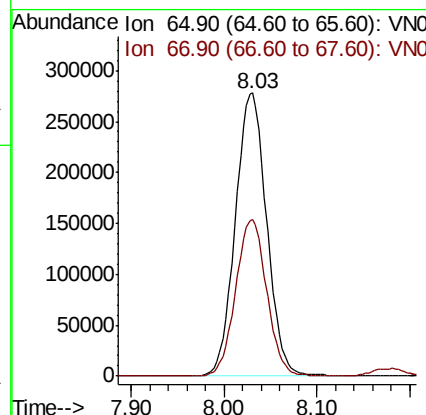
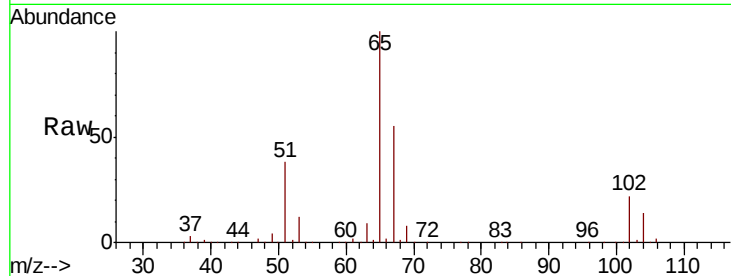




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053077.D
 Acq: 21 Dec 2018 1:15

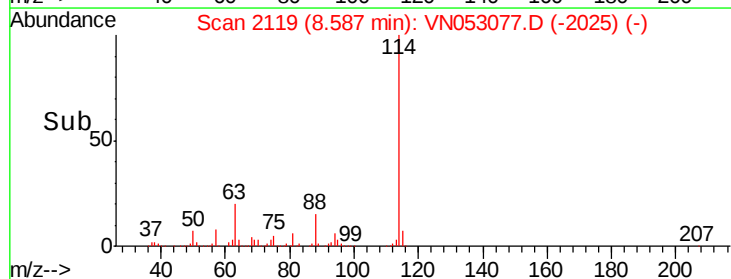
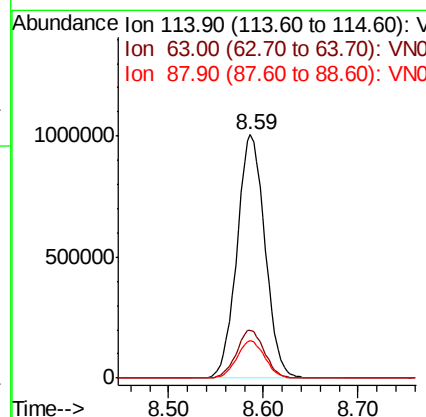
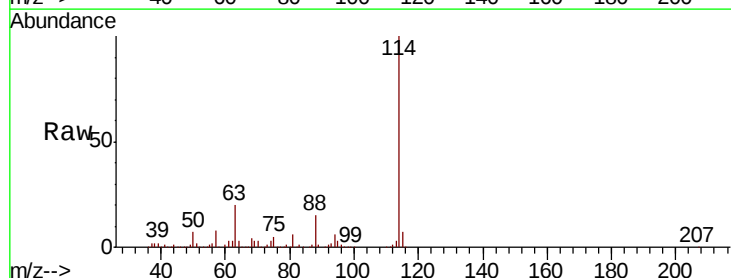
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-1-8.0-122018

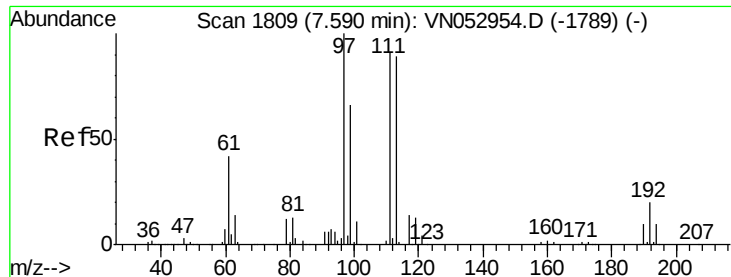
Tot Ion: 65 Resp: 651227
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053077.D
 Acq: 21 Dec 2018 1:15

Tgt Ion: 114 Resp: 2064538
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.4 0.0 31.0

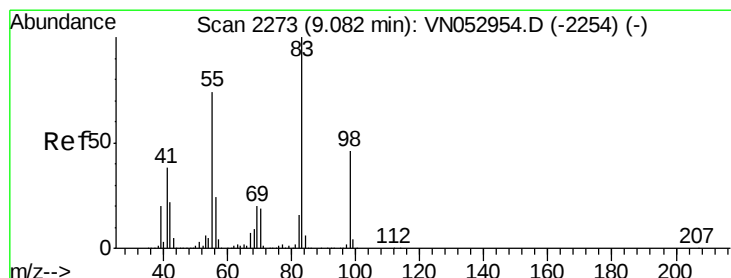
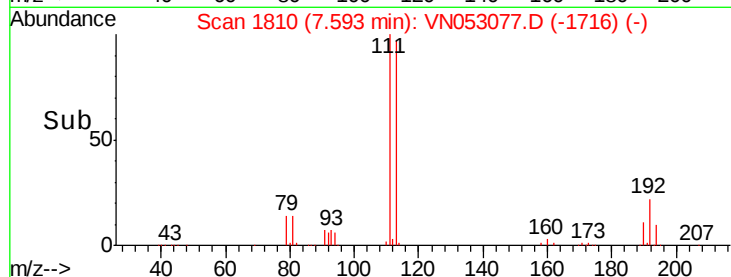
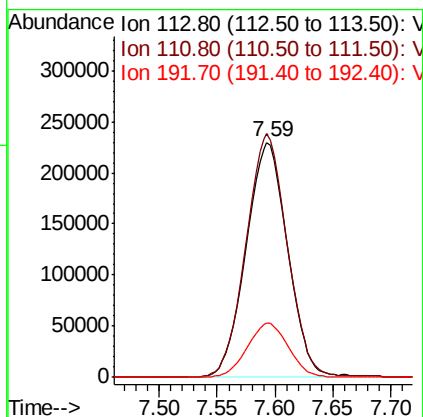
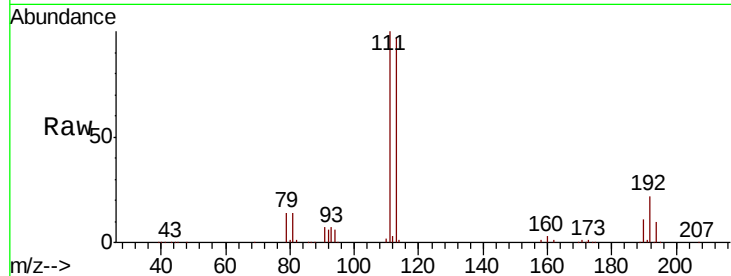




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053077.D
Acq: 21 Dec 2018 1:15

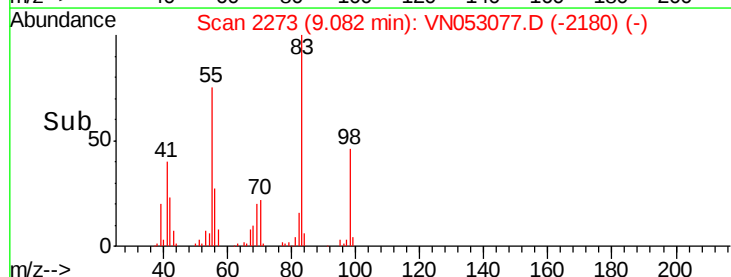
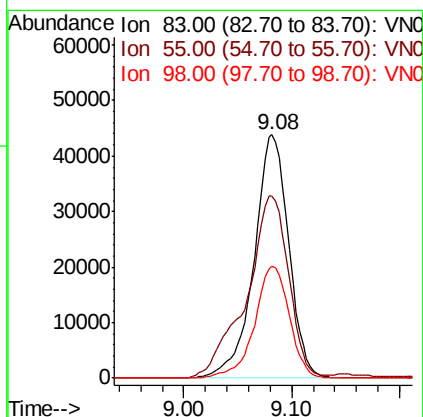
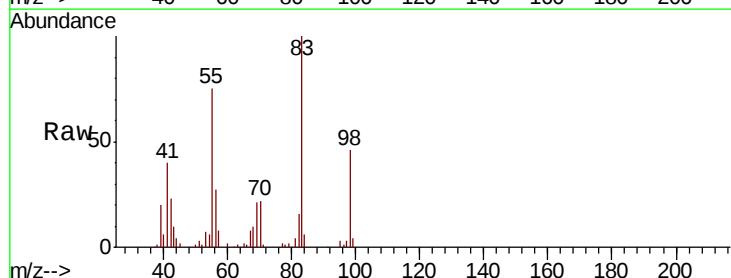
Instrument :
MSVOA_N
ClientSampleId :
T11-MW-1-8.0-122018

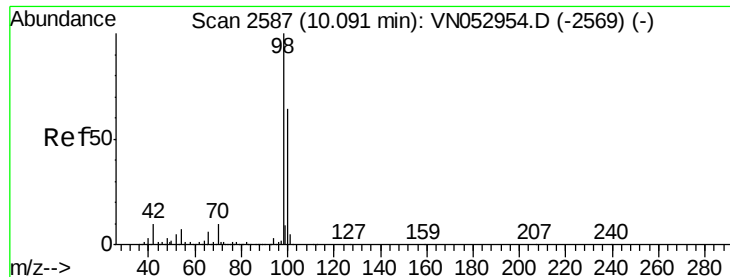
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.0	124.4
192	22.8	17.5	26.3



#39
Methylcyclohexane
Concen: 4.053 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053077.D
Acq: 21 Dec 2018 1:15

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.7	61.3	91.9
98	46.0	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: VN053077.D

Acq: 21 Dec 2018 1:15

Instrument :

MSVOA_N

ClientSampleId :

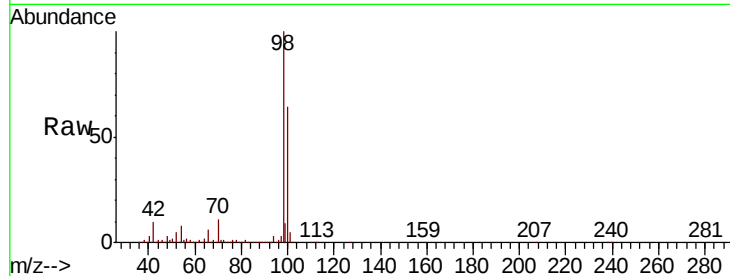
T11-MW-1-8.0-122018

Tot Ion: 98 Resp: 2526493

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

1500000

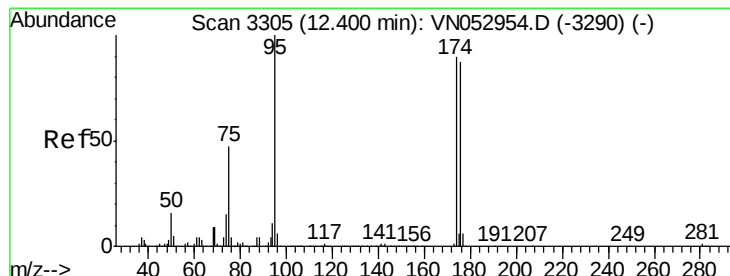
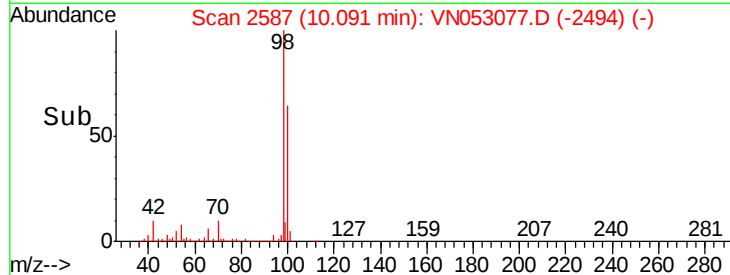
1000000

500000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053077.D

Acq: 21 Dec 2018 1:15

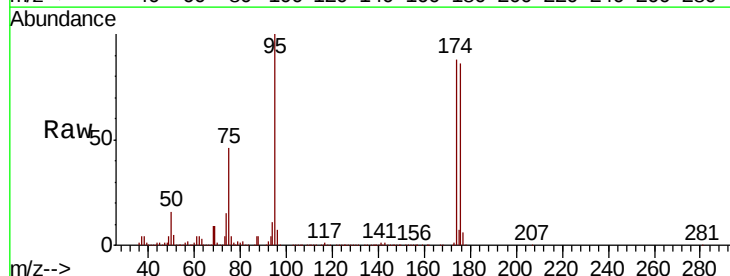
Tgt Ion: 95 Resp: 837226

Ion Ratio Lower Upper

95 100

174 90.0 0.0 178.8

176 87.8 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

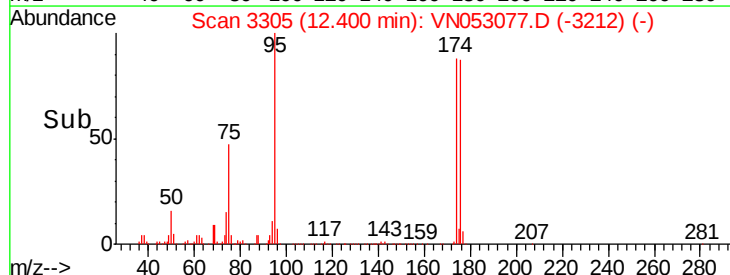
400000

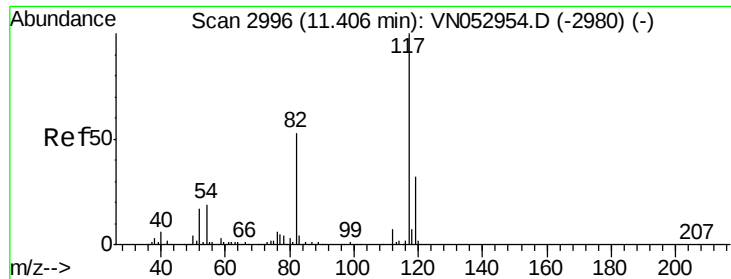
200000

0

Time-->

12.35 12.40 12.45

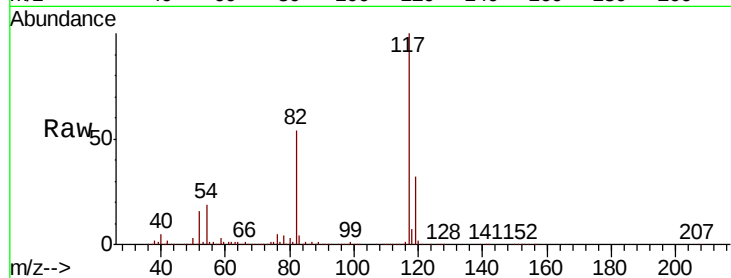




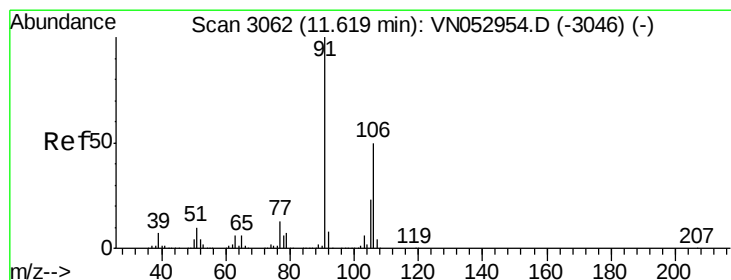
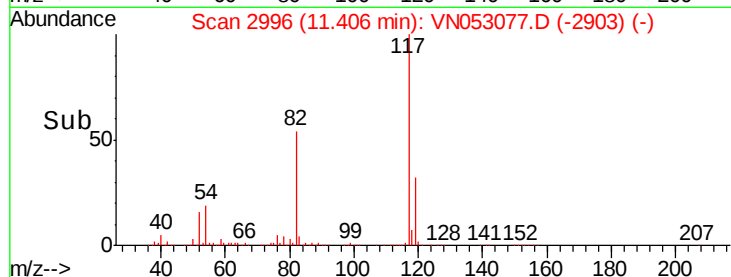
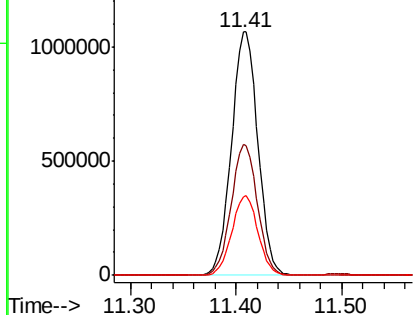
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053077.D
Acq: 21 Dec 2018 1:15

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-1-8.0-122018

Tot Ion:117 Resp: 1838150
Ion Ratio Lower Upper
117 100
82 53.8 42.8 64.2
119 32.4 25.5 38.3

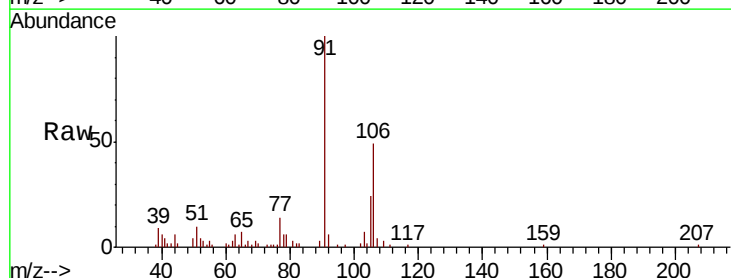


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

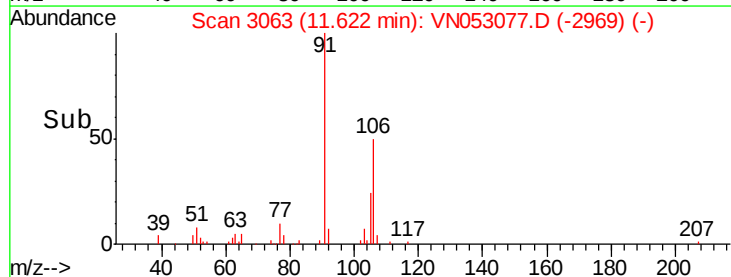
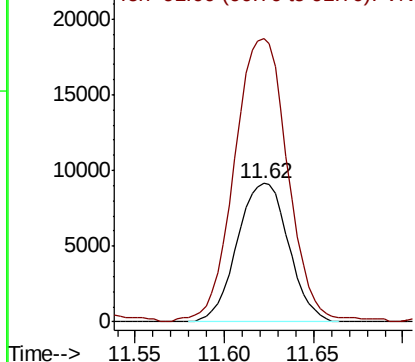


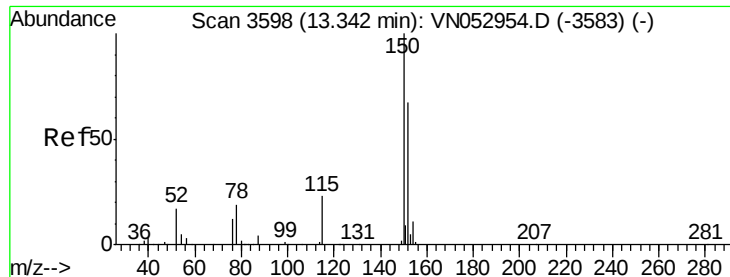
#68
m/p-Xylenes
Concen: 0.687 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053077.D
Acq: 21 Dec 2018 1:15

Tgt Ion:106 Resp: 18300
Ion Ratio Lower Upper
106 100
91 213.3 162.2 243.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053077.D

Acq: 21 Dec 2018 1:15

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-1-8.0-122018

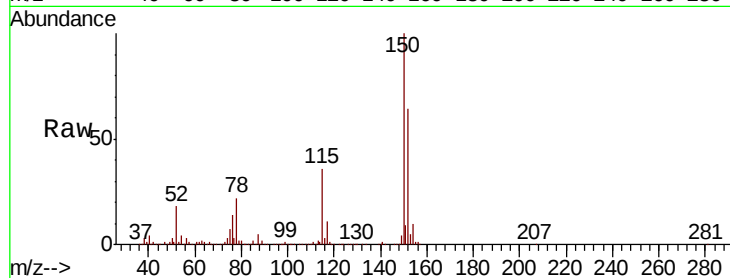
Tot Ion:152 Resp: 769810

Ion Ratio Lower Upper

152 100

115 56.4 28.3 85.0

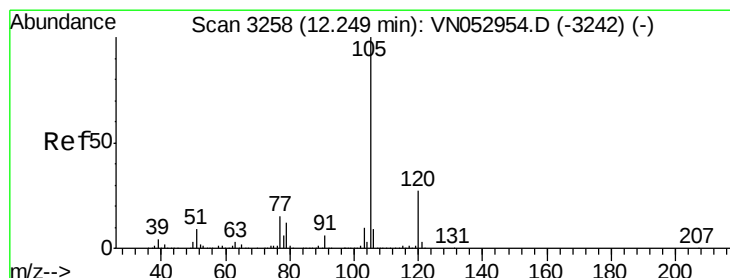
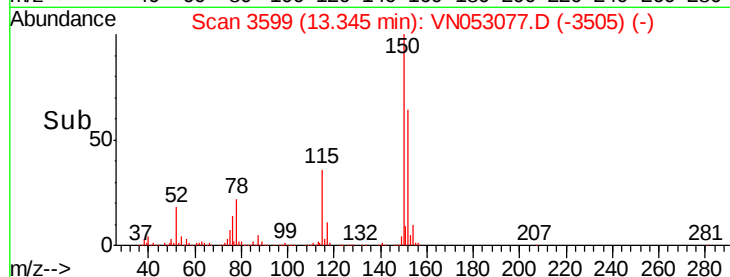
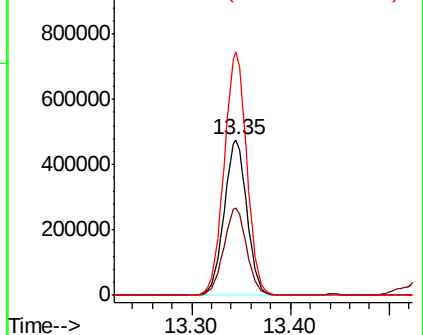
150 155.8 0.0 347.8



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: 0.523 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053077.D

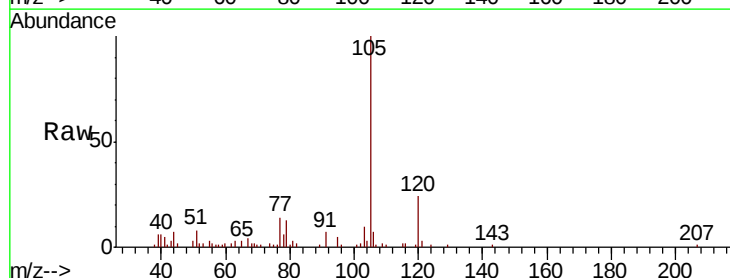
Acq: 21 Dec 2018 1:15

Tgt Ion:105 Resp: 31513

Ion Ratio Lower Upper

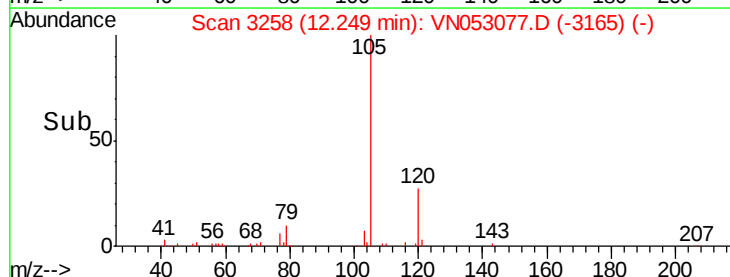
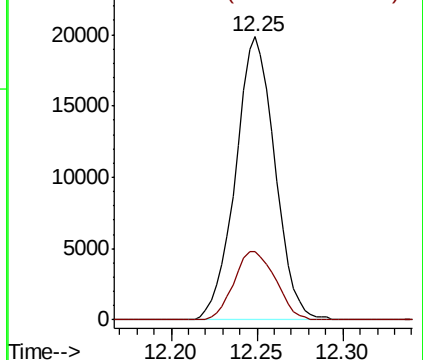
105 100

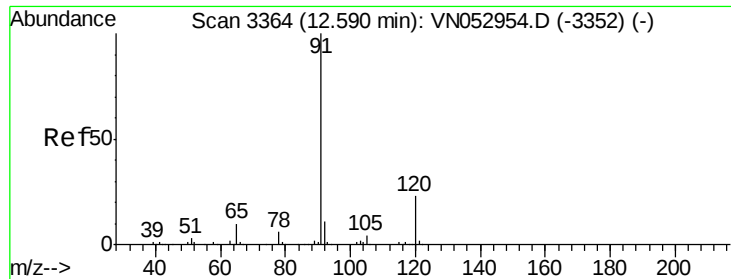
120 25.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.406 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053077.D

Acq: 21 Dec 2018 1:15

Instrument :

MSVOA_N

ClientSampleId :

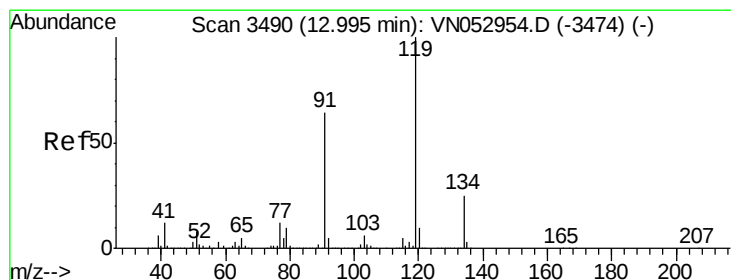
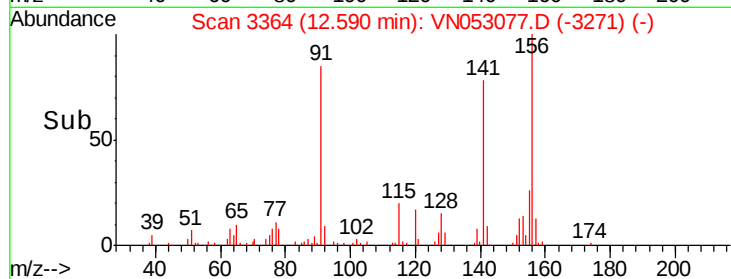
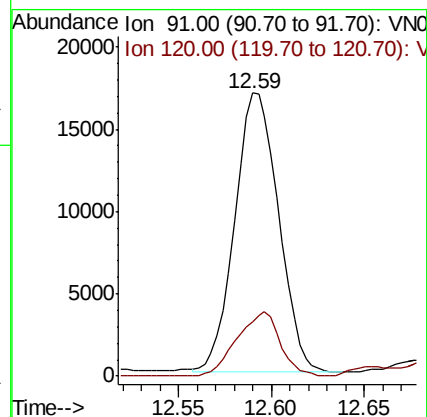
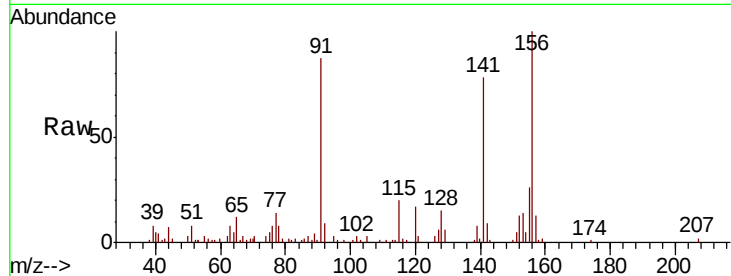
T11-MW-1-8.0-122018

Tot Ion: 91 Resp: 27865

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.5



#83

tert-Butylbenzene

Concen: 0.559 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN053077.D

Acq: 21 Dec 2018 1:15

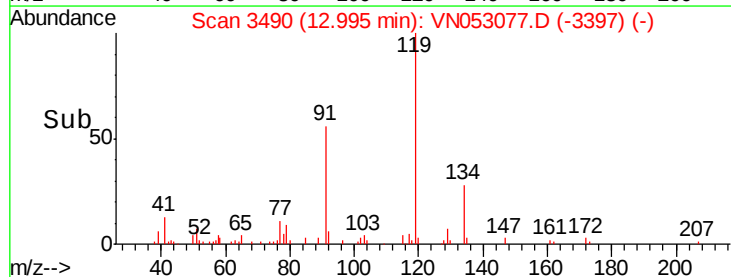
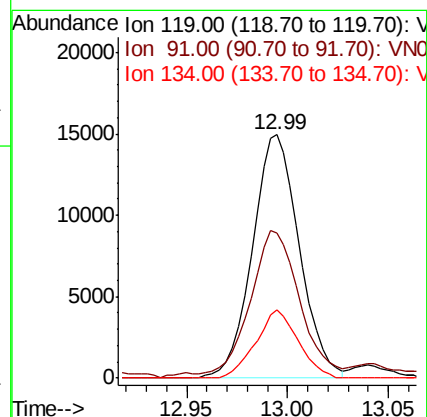
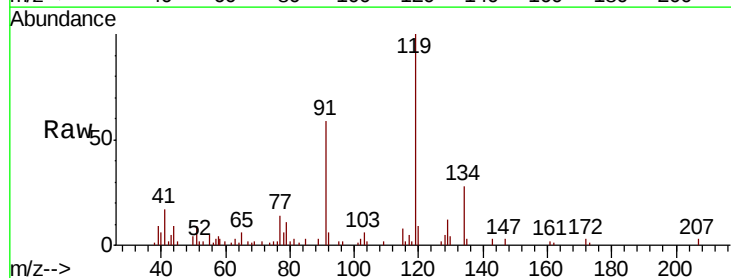
Tgt Ion: 119 Resp: 24252

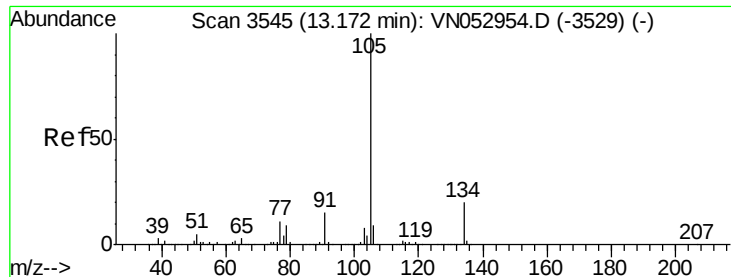
Ion Ratio Lower Upper

119 100

91 59.6 31.9 95.5

134 25.3 12.8 38.4

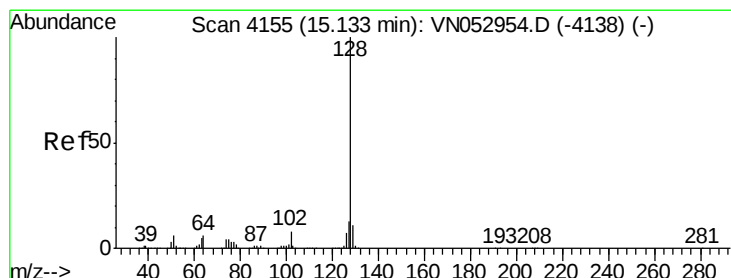
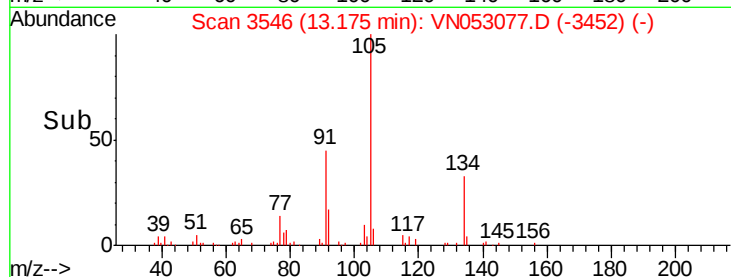
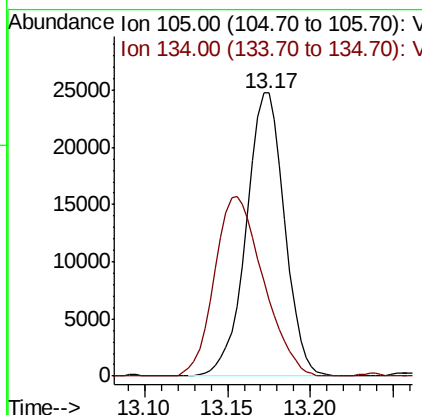
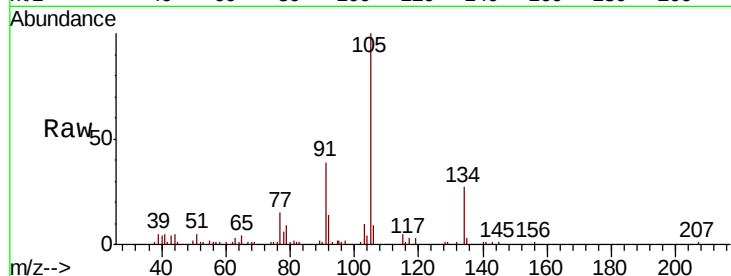




#85
 sec-Butylbenzene
 Concen: 0.678 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053077.D
 Acq: 21 Dec 2018 1:15

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-1-8.0-122018

Tot Ion:105 Resp: 39837
 Ion Ratio Lower Upper
 105 100
 134 80.3 10.1 30.3#



#95
 Naphthalene
 Concen: 1.230 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN053077.D
 Acq: 21 Dec 2018 1:15

Tgt Ion:128 Resp: 2576
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.4#
 129 0.0 8.6 13.0#

