

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
 Data File : VN053500.D
 Acq On : 21 Jan 2019 12:18
 Operator : JC/SP
 Sample : K1204-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-COMP-1

Quant Time: Jan 22 09:52:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

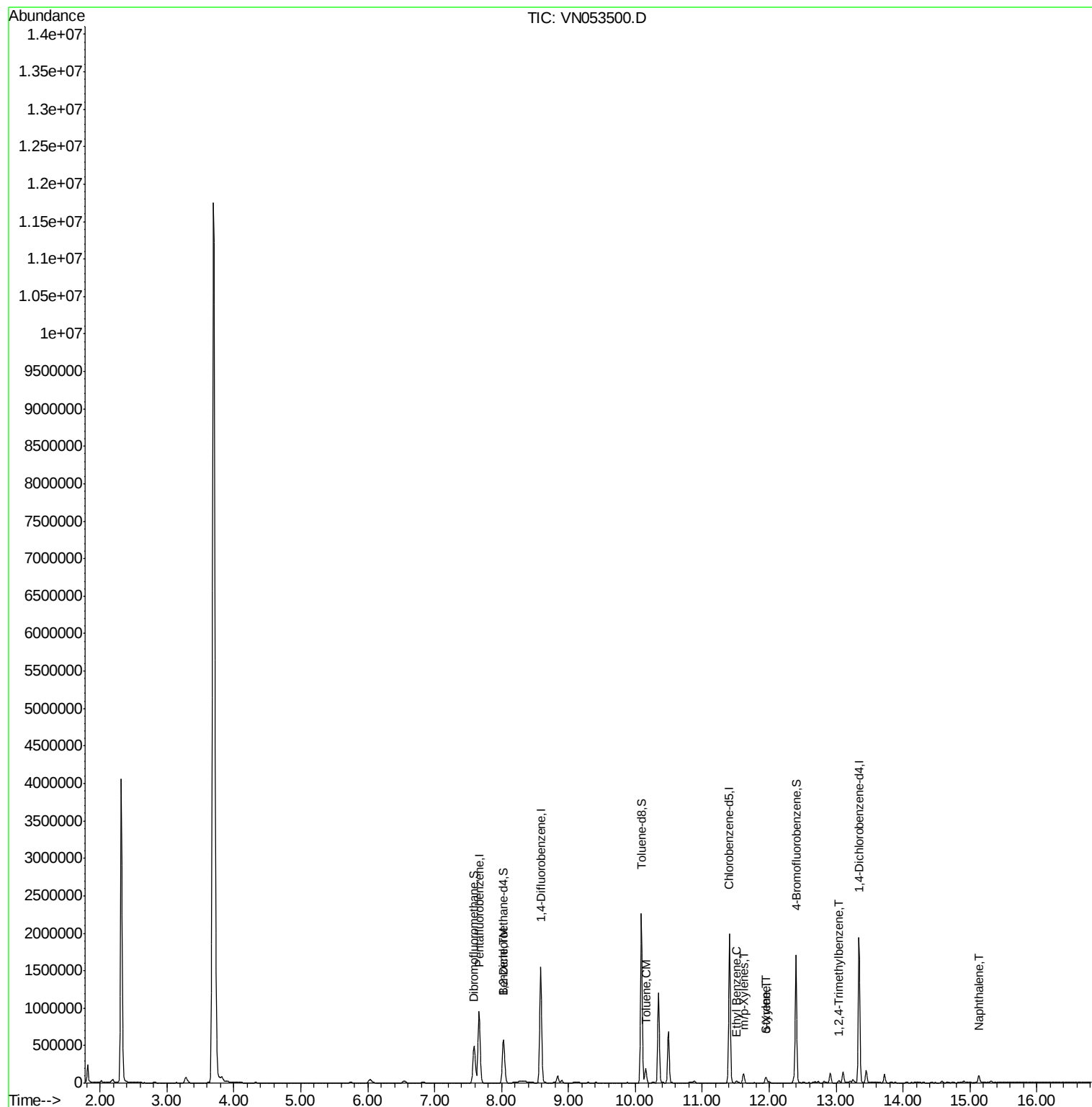
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	851322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1304052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1229144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	570887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	409502	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
35) Dibromofluoromethane	7.59	113	384734	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
50) Toluene-d8	10.09	98	1612110	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.40	95	559122	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
Target Compounds						
40) Benzene	8.04	78	139778	3.873	ug/l	100
52) Toluene	10.16	92	82468	3.681	ug/l	96
67) Ethyl Benzene	11.51	91	15988	0.361	ug/l	91
68) m/p-Xylenes	11.62	106	39523	2.361	ug/l	100
69) o-Xylene	11.95	106	16733	1.029	ug/l	94
70) Styrene	11.96	104	17385	0.659	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	20264	0.591	ug/l	98
95) Naphthalene	15.13	128	86584	9.718	ug/l	98

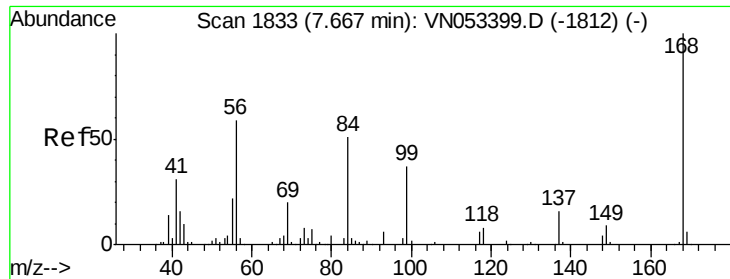
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012119\
Data File : VN053500.D
Acq On : 21 Jan 2019 12:18
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MSVOA_N
ClientSampleId :
TRE-COMP-1

Quant Time: Jan 22 09:52:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053500.D

Acq: 21 Jan 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

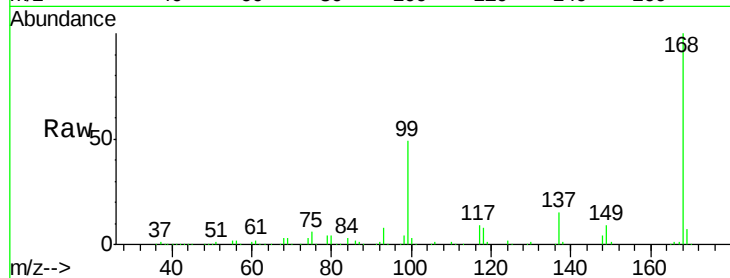
TRE-COMP-1

Tot Ion:168 Resp: 851322

Ion Ratio Lower Upper

168 100

99 49.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

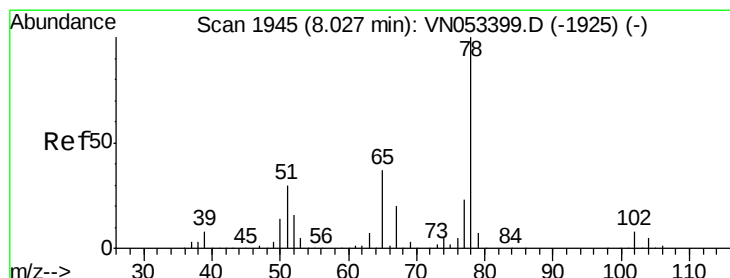
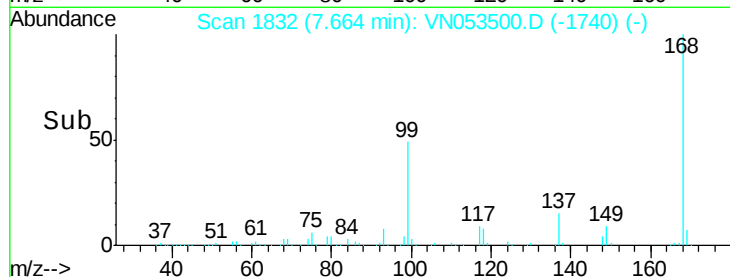
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053500.D

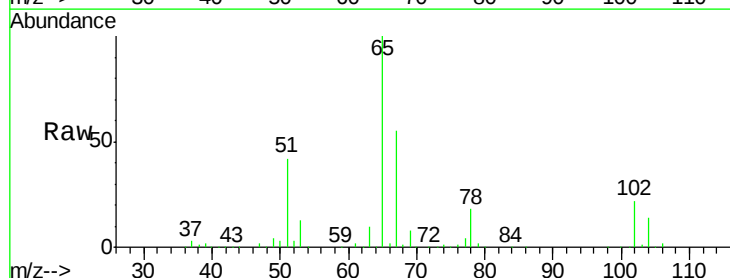
Acq: 21 Jan 2019 12:18

Tgt Ion: 65 Resp: 409502

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.02

200000

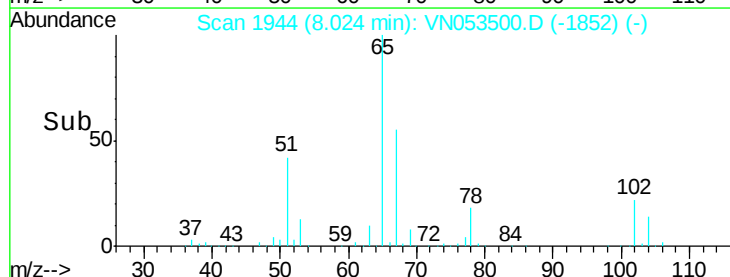
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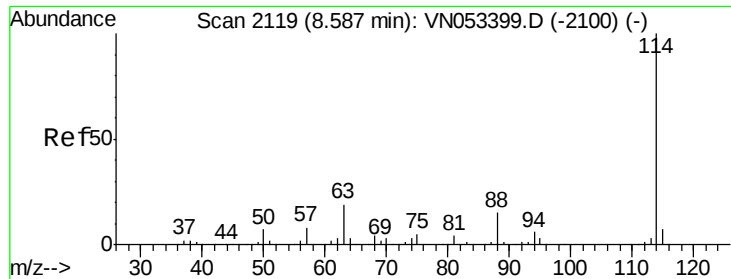
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50000

0

Time-->

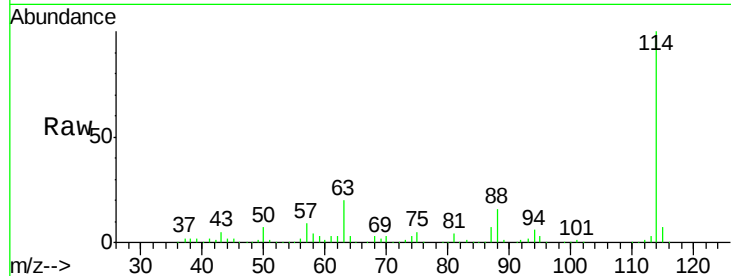




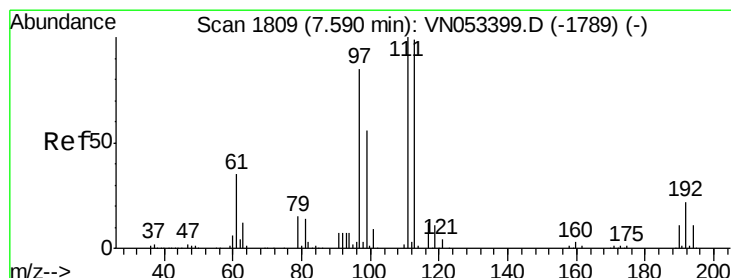
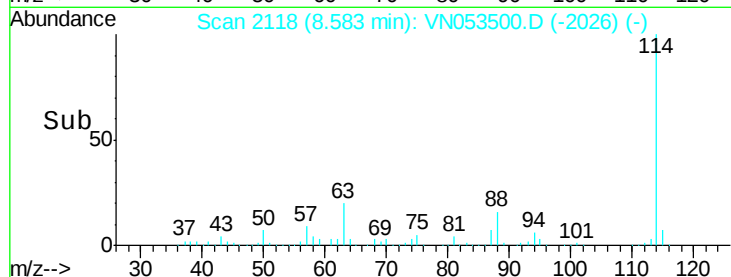
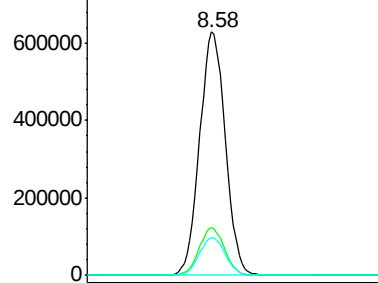
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053500.D
Acq: 21 Jan 2019 12:18

Instrument :
MSVOA_N
ClientSampleId :
TRE-COMP-1

Tot Ion:114 Resp: 1304052
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 15.6 0.0 30.4

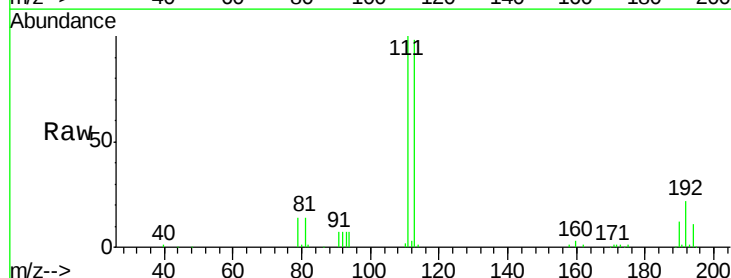


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

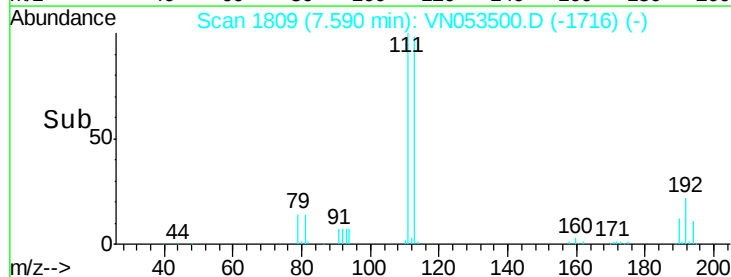
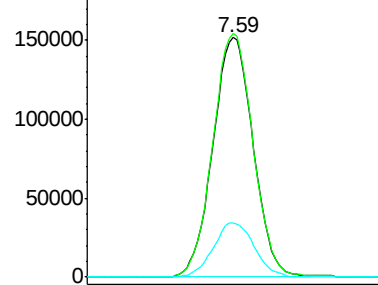


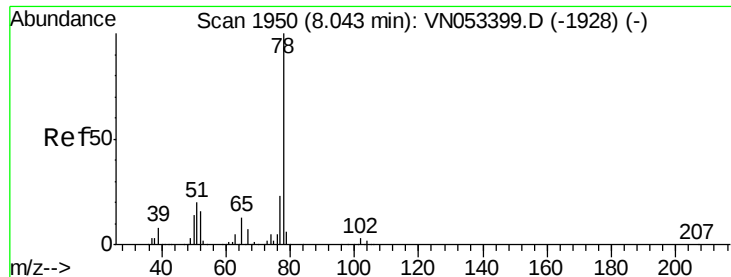
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053500.D
Acq: 21 Jan 2019 12:18

Tgt Ion:113 Resp: 384734
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 23.0 18.2 27.2



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: 3.873 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN053500.D

Acq: 21 Jan 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

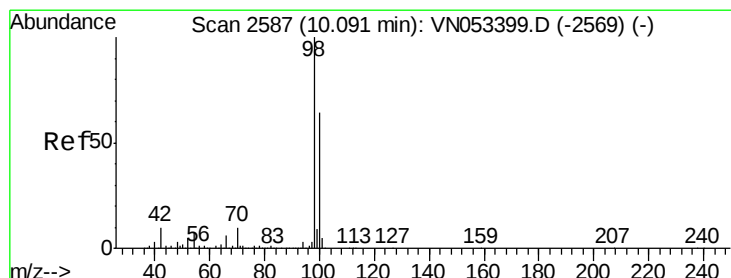
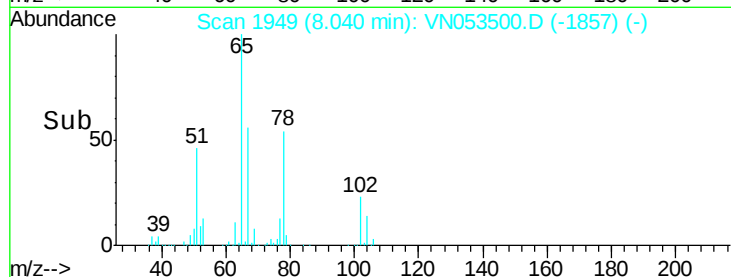
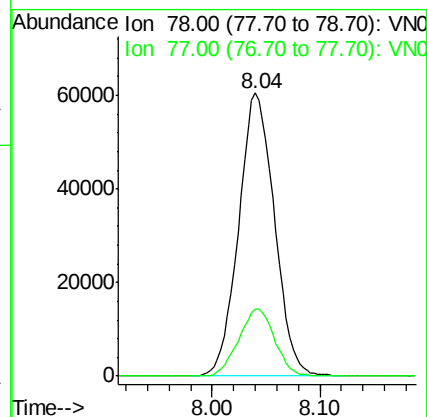
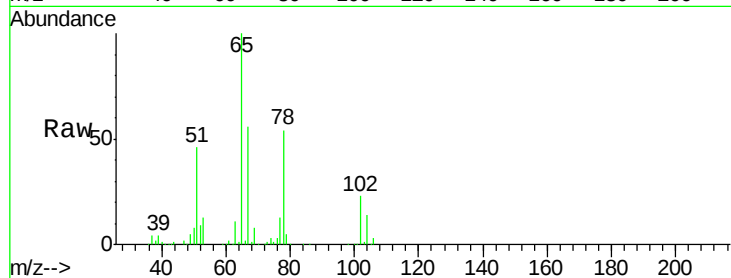
TRE-COMP-1

Tot Ion: 78 Resp: 139778

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN053500.D

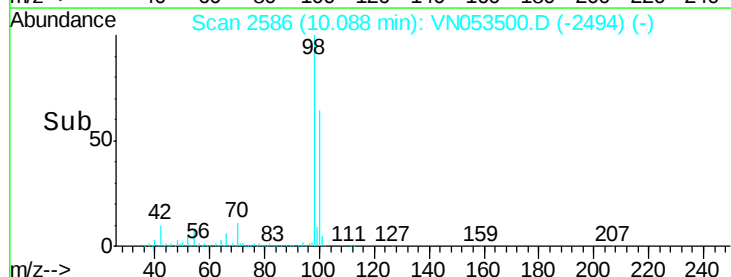
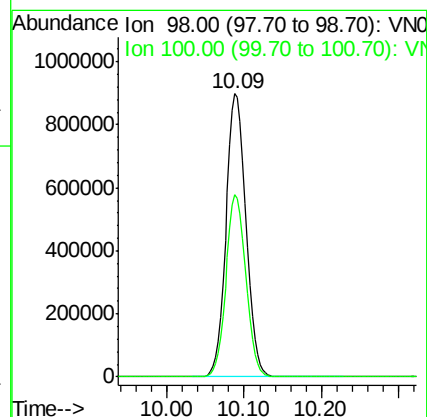
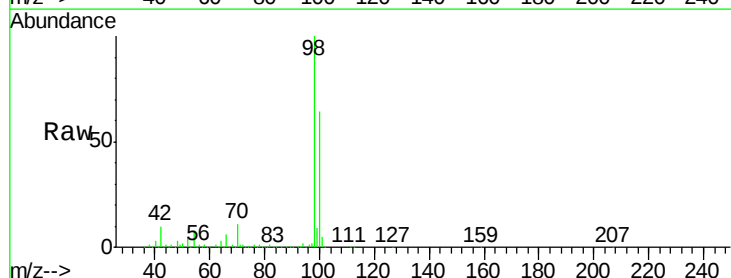
Acq: 21 Jan 2019 12:18

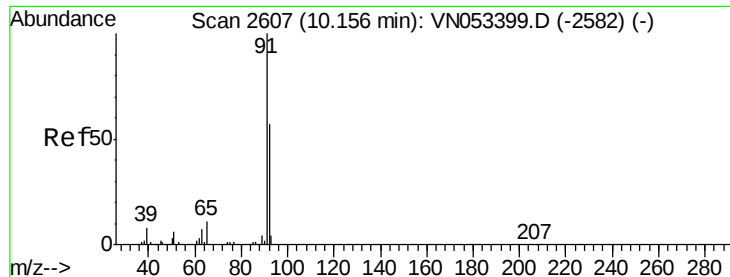
Tgt Ion: 98 Resp: 1612110

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0





#52

Toluene

Concen: 3.681 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053500.D

Acq: 21 Jan 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

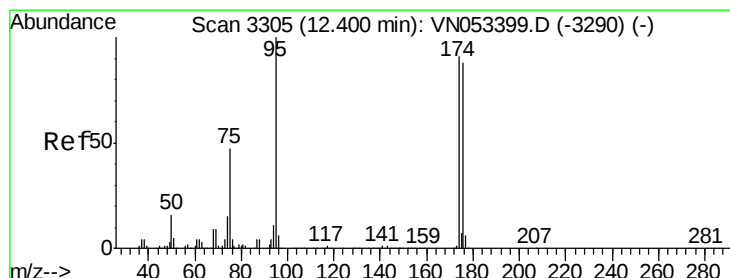
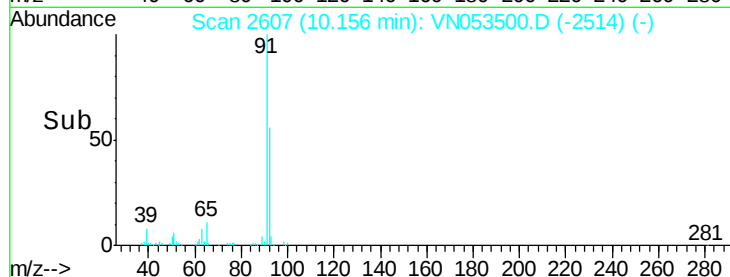
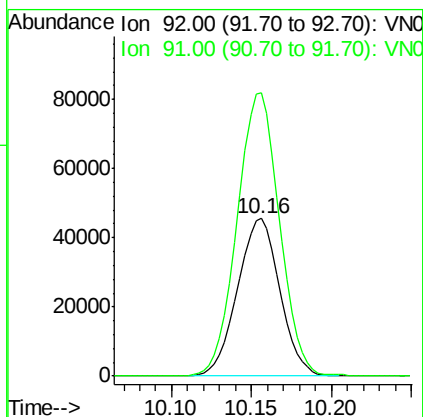
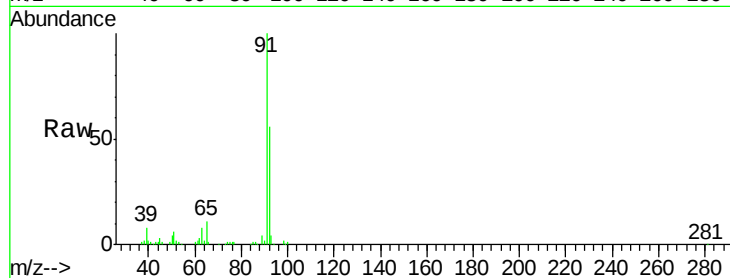
TRE-COMP-1

Tot Ion: 92 Resp: 82468

Ion Ratio Lower Upper

92 100

91 179.8 139.9 209.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053500.D

Acq: 21 Jan 2019 12:18

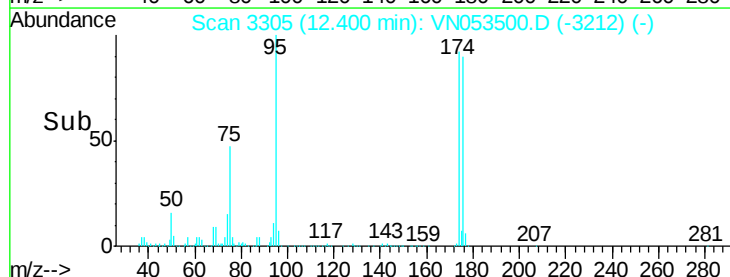
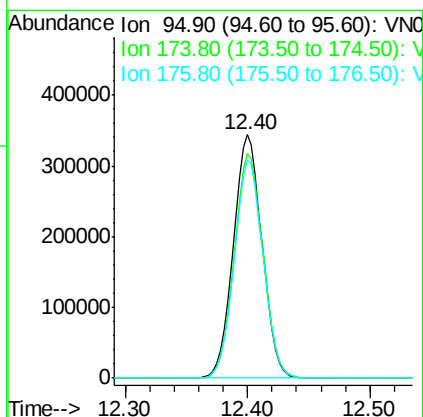
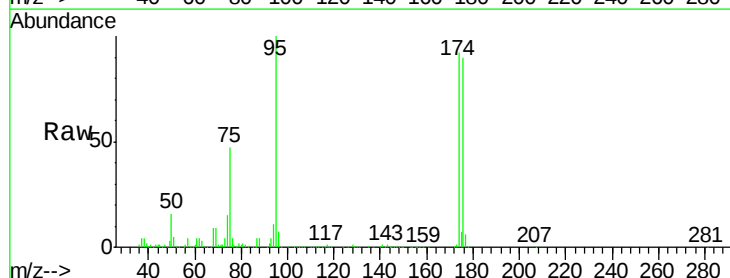
Tgt Ion: 95 Resp: 559122

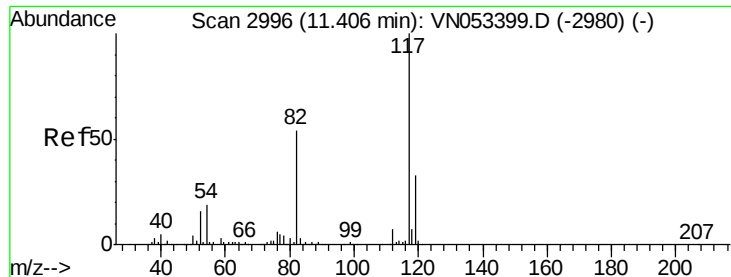
Ion Ratio Lower Upper

95 100

174 92.9 0.0 183.2

176 89.9 0.0 177.4

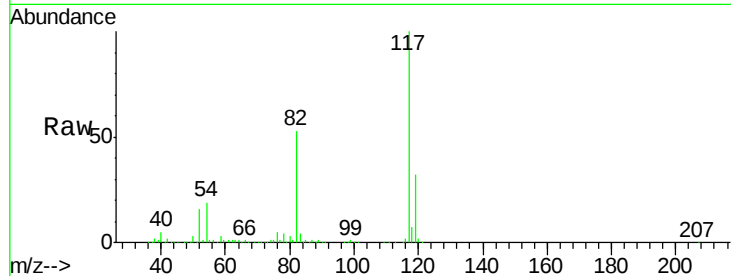




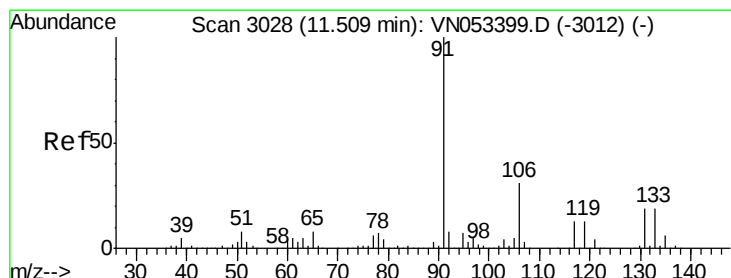
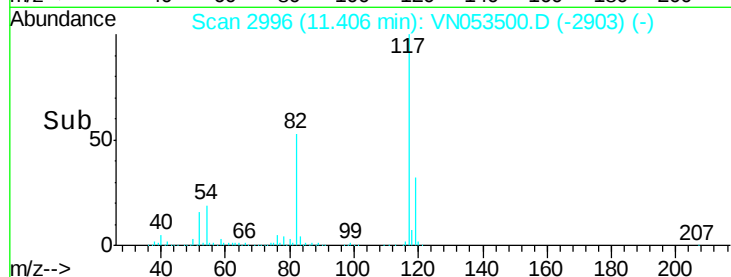
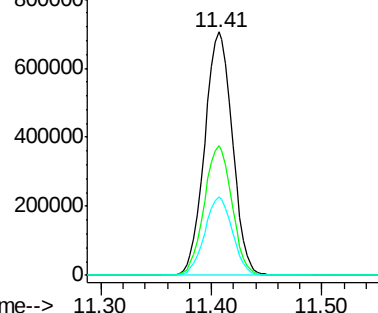
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053500.D
Acq: 21 Jan 2019 12:18

Instrument :
MSVOA_N
ClientSampleId :
TRE-COMP-1

Tot Ion:117 Resp: 1229144
Ion Ratio Lower Upper
117 100
82 53.0 42.9 64.3
119 32.1 26.0 39.0

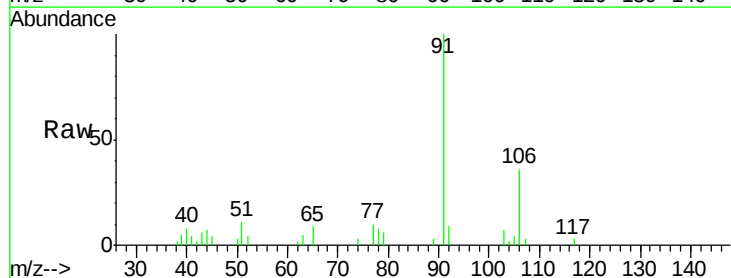


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 118.90 (118.60 to 119.60): V

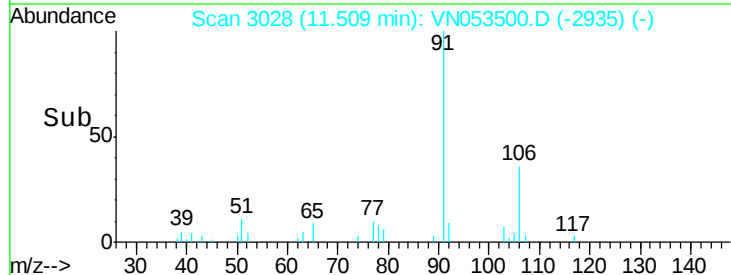
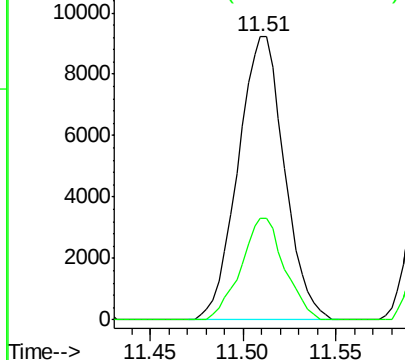


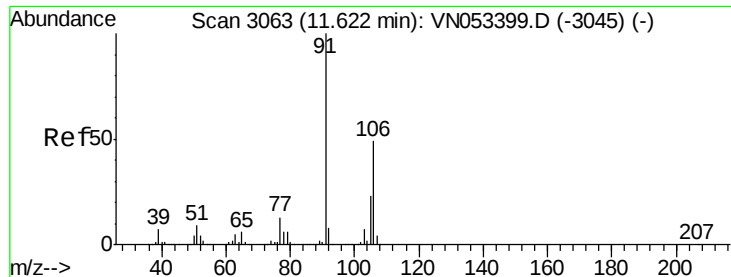
#67
Ethyl Benzene
Concen: 0.361 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053500.D
Acq: 21 Jan 2019 12:18

Tgt Ion: 91 Resp: 15988
Ion Ratio Lower Upper
91 100
106 36.0 25.0 37.6



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

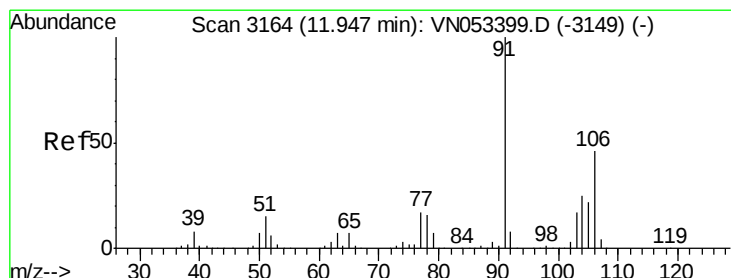
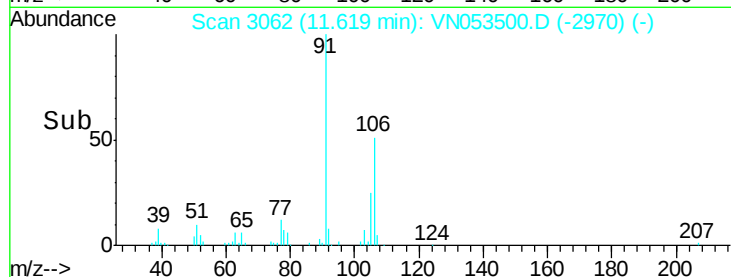
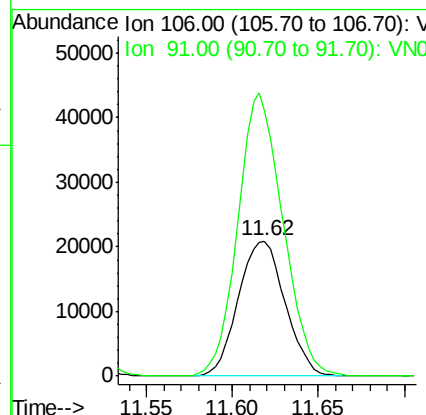
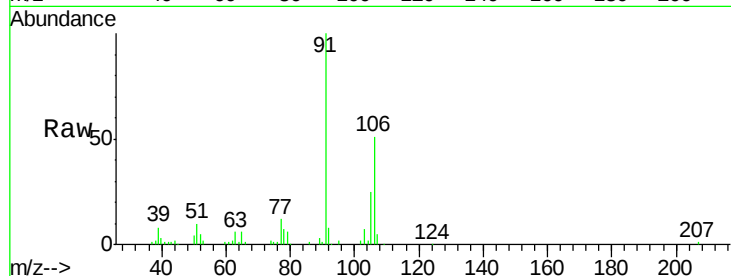




#68
m/p-Xylenes
Concen: 2.361 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053500.D
Acq: 21 Jan 2019 12:18

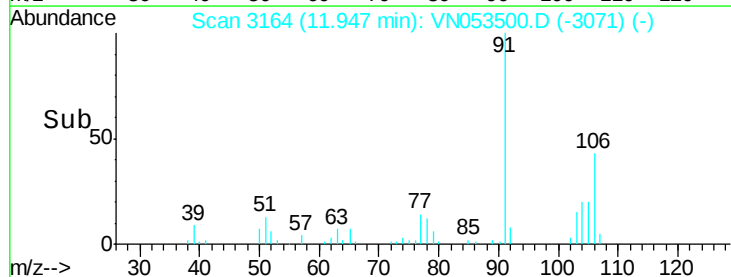
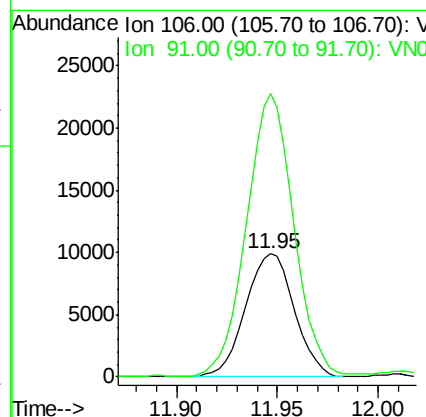
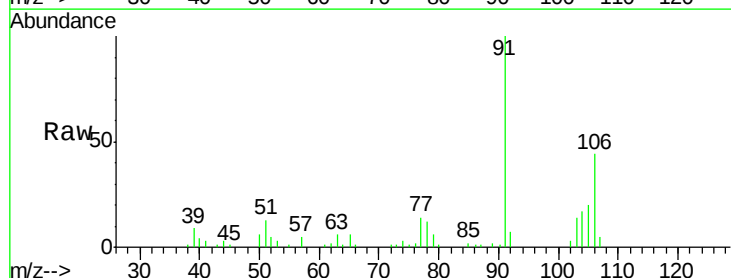
Instrument :
MSVOA_N
ClientSampled :
TRE-COMP-1

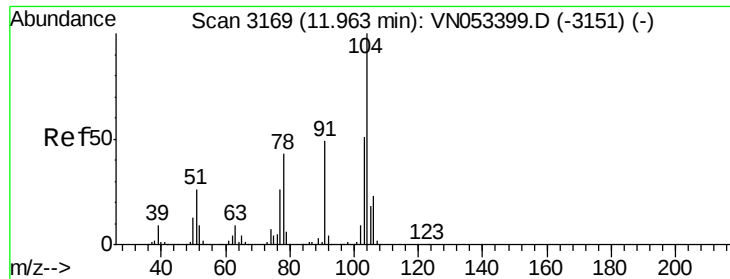
Tot Ion:106 Resp: 39523
Ion Ratio Lower Upper
106 100
91 201.8 161.4 242.2



#69
o-Xylene
Concen: 1.029 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053500.D
Acq: 21 Jan 2019 12:18

Tgt Ion:106 Resp: 16733
Ion Ratio Lower Upper
106 100
91 223.1 106.9 320.8

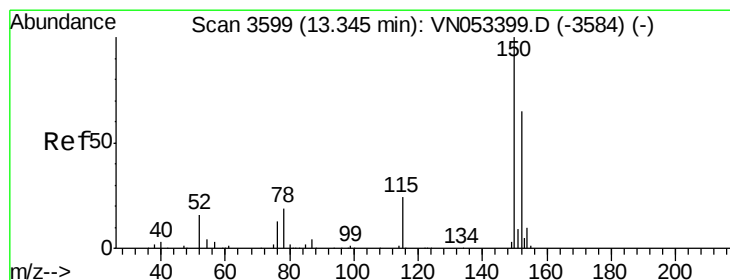
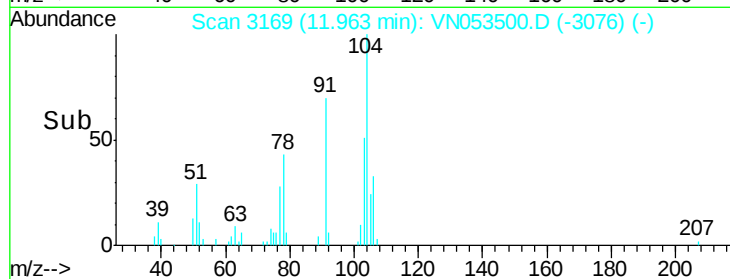
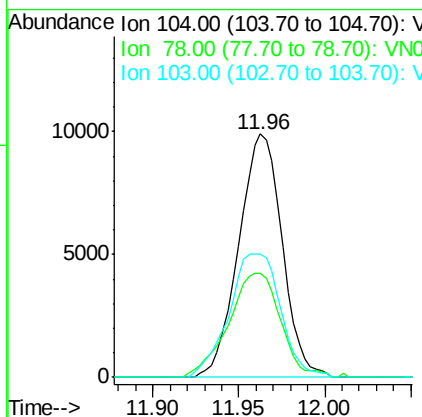
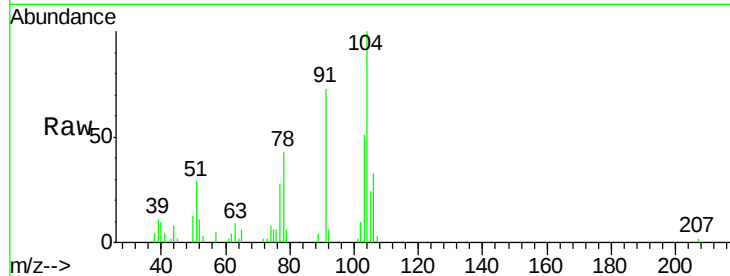




#70
Stvrene
Concen: 0.659 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053500.D
Acq: 21 Jan 2019 12:18

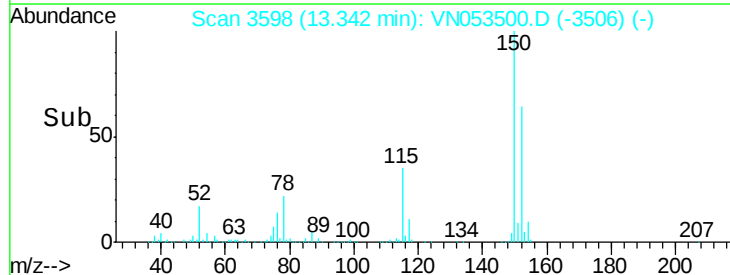
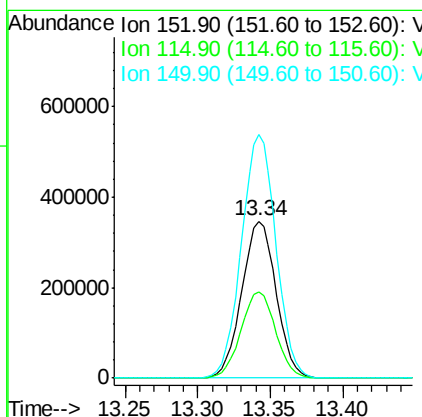
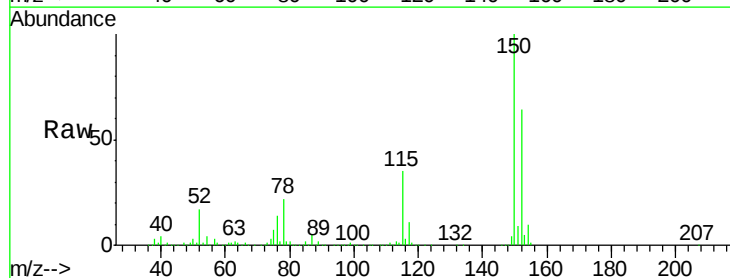
Instrument :
MSVOA_N
ClientSampled :
TRE-COMP-1

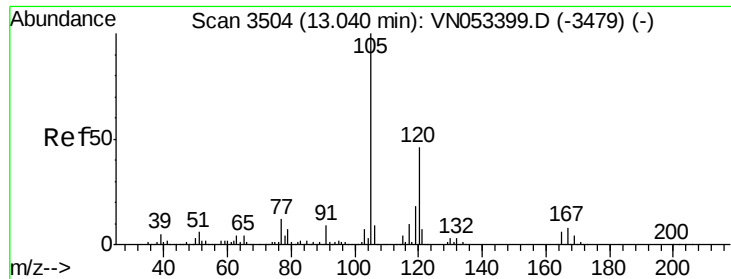
Tot Ion:104 Resp: 17385
Ion Ratio Lower Upper
104 100
78 51.4 38.2 57.2
103 60.4 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053500.D
Acq: 21 Jan 2019 12:18

Tgt Ion:152 Resp: 570887
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 156.0 0.0 349.0





#84

1,2,4-Trimethylbenzene

Concen: 0.591 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053500.D

Acq: 21 Jan 2019 12:18

Instrument :

MSVOA_N

ClientSampled :

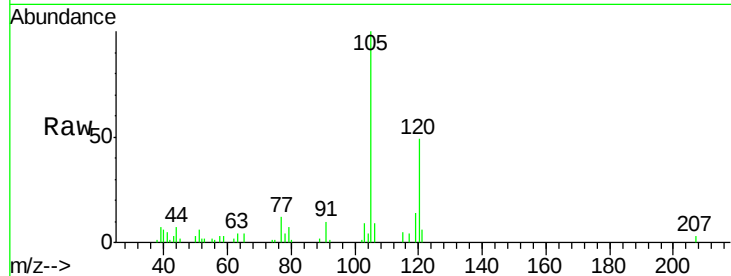
TRE-COMP-1

Tot Ion:105 Resp: 20264

Ion Ratio Lower Upper

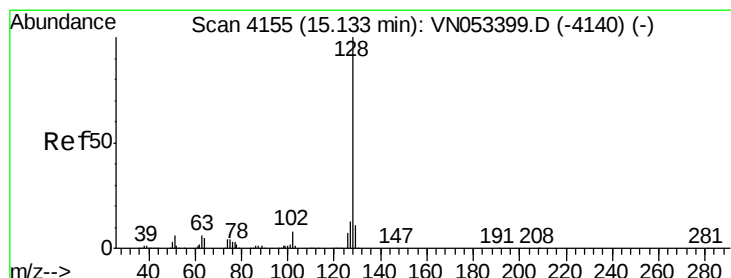
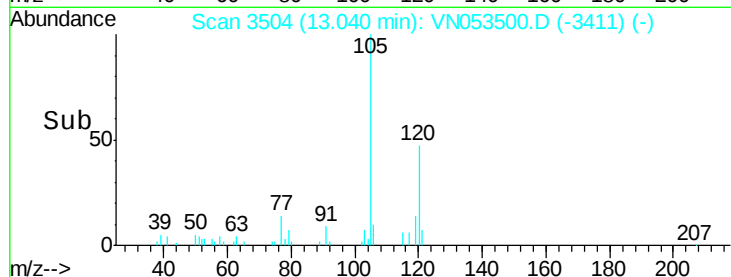
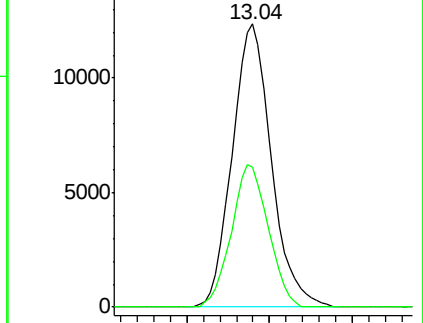
105 100

120 47.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 9.718 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053500.D

Acq: 21 Jan 2019 12:18

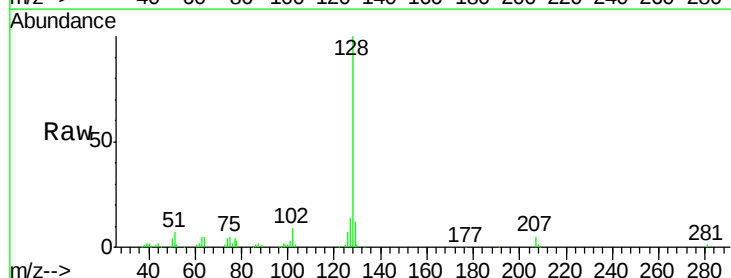
Tgt Ion:128 Resp: 86584

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.5 8.6 13.0



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

