

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
 Data File : VN053580.D
 Acq On : 1 Feb 2019 16:55
 Operator : JC/SP
 Sample : K1359-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Quant Time: Feb 04 09:18:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

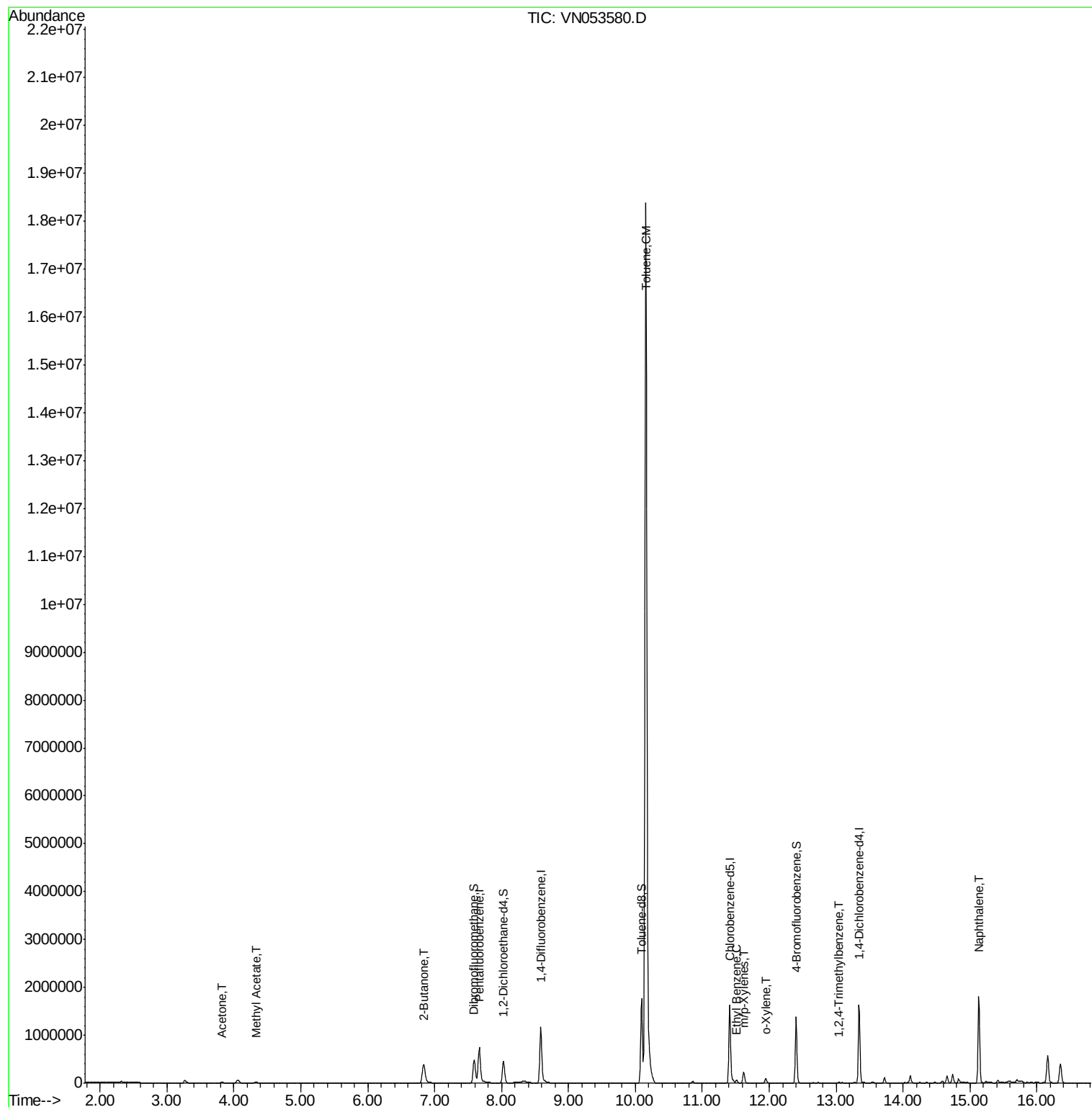
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	774584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1208619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1088554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	477747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	382651	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
35) Dibromofluoromethane	7.59	113	381650	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	10.09	98	1448474	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	487353	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
Target Compounds						
16) Acetone	3.82	43	33938	17.027	ug/l	94
18) Methyl Acetate	4.33	43	35365	5.991	ug/l	100
25) 2-Butanone	6.83	43	745660	262.307	ug/l	99
52) Toluene	10.16	92	9427178	472.783	ug/l	98
67) Ethyl Benzene	11.51	91	52752	1.389	ug/l	94
68) m/p-Xylenes	11.62	106	78063	5.385	ug/l	99
69) o-Xylene	11.95	106	28491	2.034	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	15082	0.532	ug/l	94
95) Naphthalene	15.13	128	1600794	75.364	ug/l	100

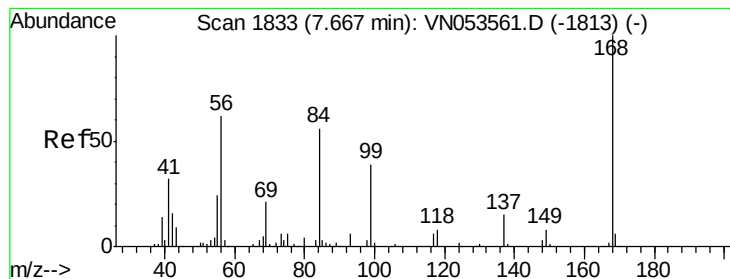
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053580.D

Acq: 1 Feb 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

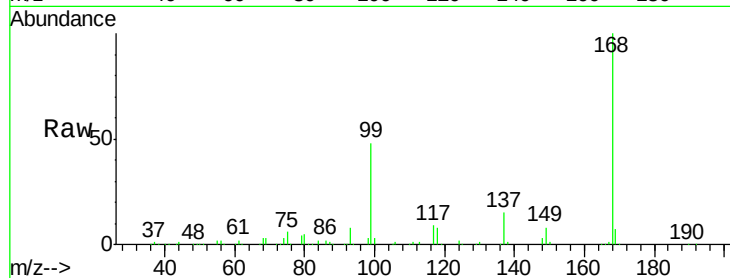
COMP-3

Tgt Ion:168 Resp: 774584

Ion Ratio Lower Upper

168 100

99 47.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053580.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053580.D (-1740) (-)

7.67

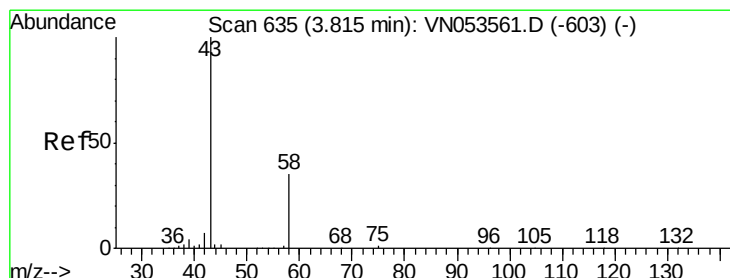
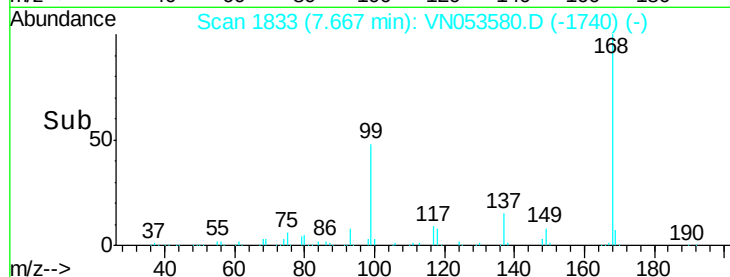
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 17.027 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053580.D

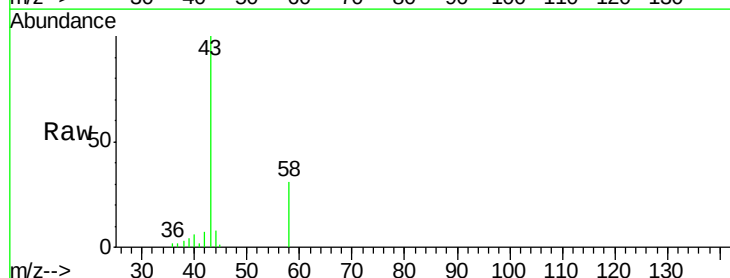
Acq: 1 Feb 2019 16:55

Tgt Ion: 43 Resp: 33938

Ion Ratio Lower Upper

43 100

58 30.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053580.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053580.D (-542) (-)

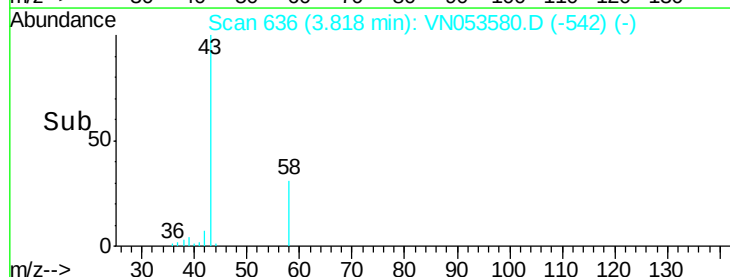
3.82

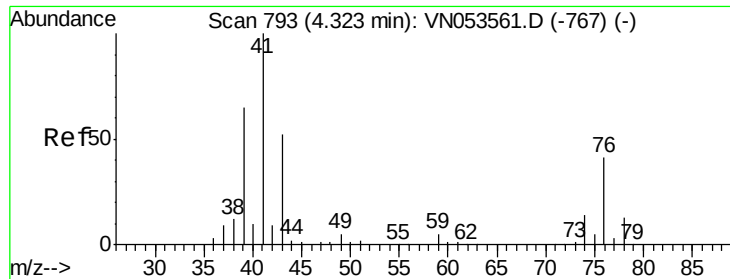
10000

5000

0

Time-->

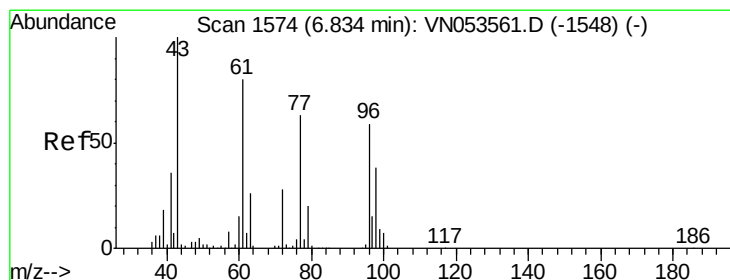
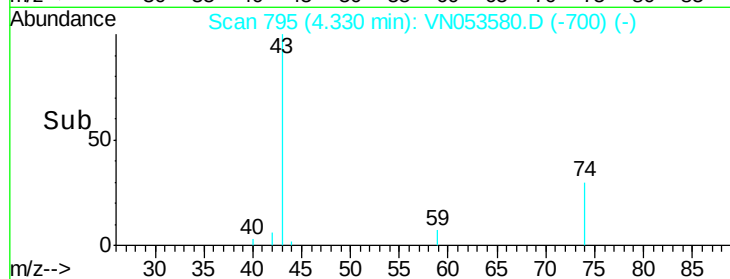
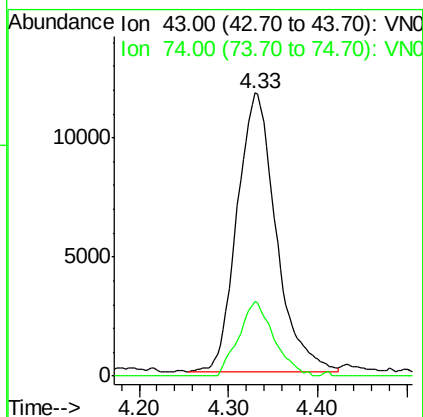
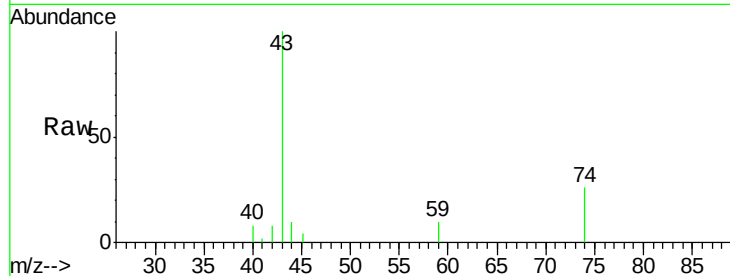




#18
Methyl Acetate
Concen: 5.991 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

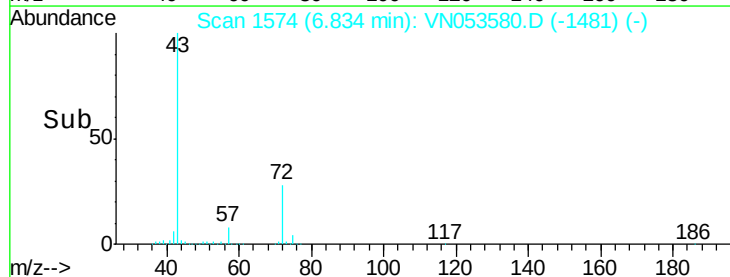
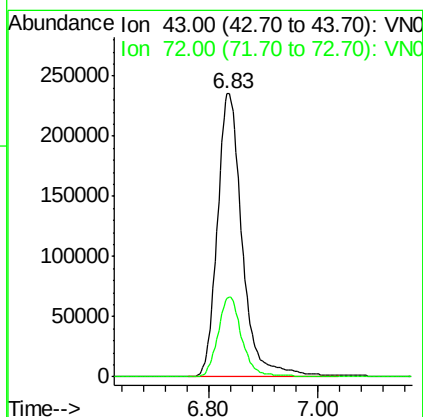
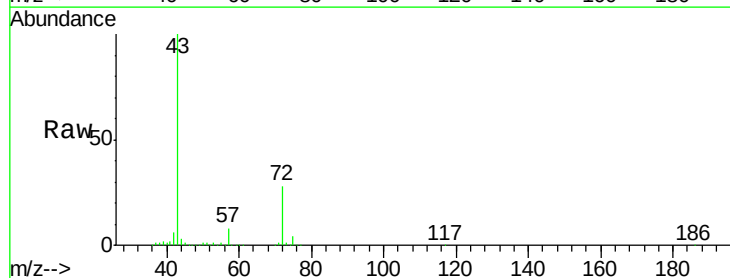
Instrument :
MSVOA_N
ClientSampled :
COMP-3

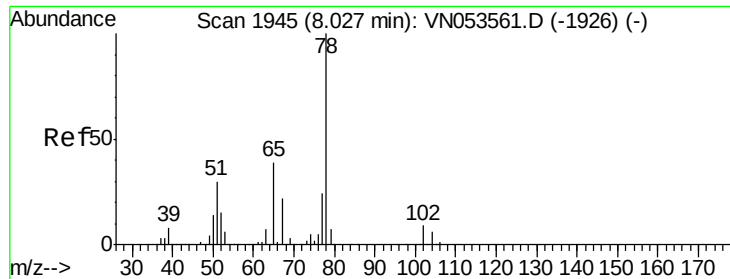
Tgt Ion: 43 Resp: 35365
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2



#25
2-Butanone
Concen: 262.307 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

Tgt Ion: 43 Resp: 745660
Ion Ratio Lower Upper
43 100
72 27.8 22.0 33.0

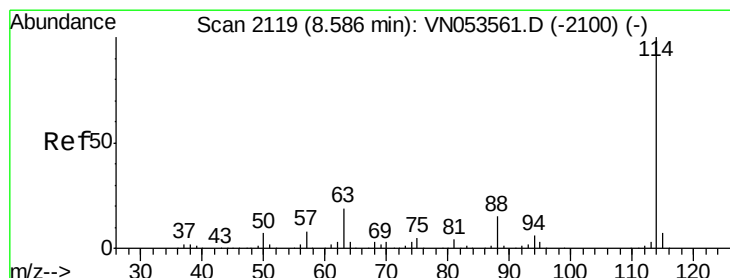
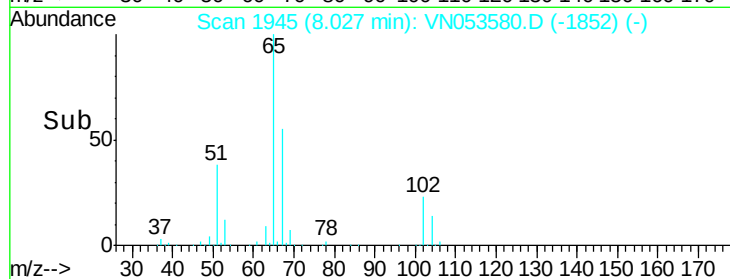
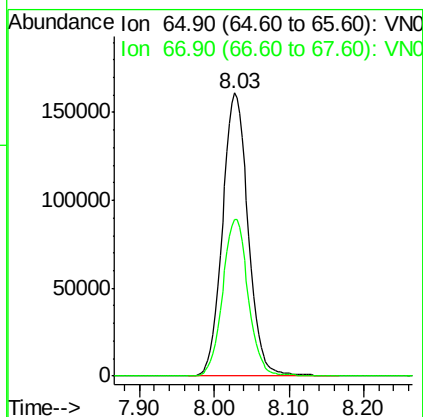
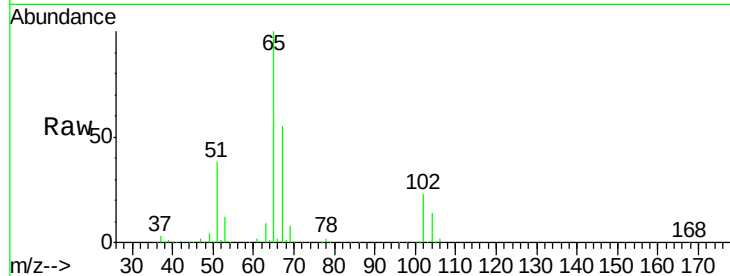




#33
 1,2-Dichloroethane-d4
 Concen: 49.244 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

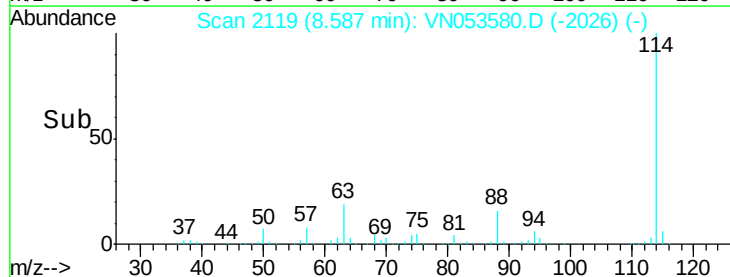
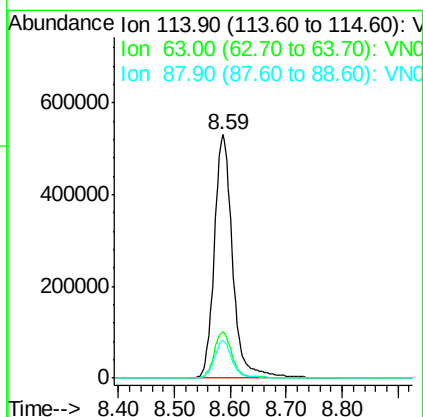
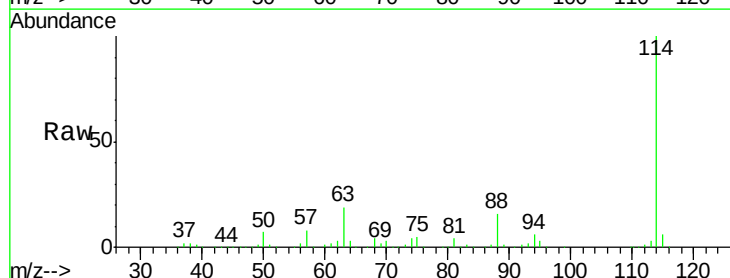
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

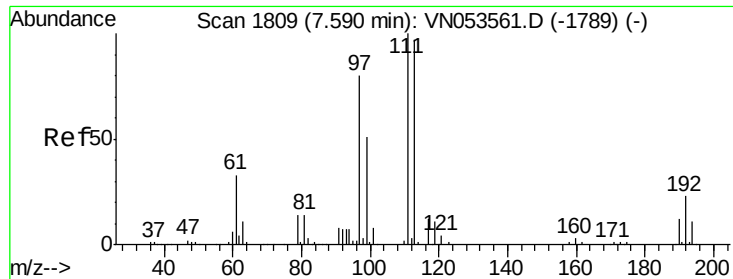
Tgt Ion: 65 Resp: 382651
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

Tgt Ion: 114 Resp: 1208619
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.6 0.0 30.4

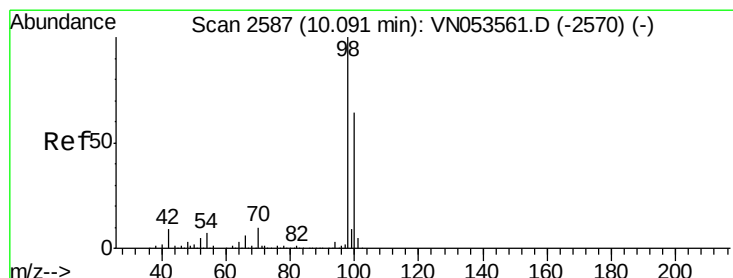
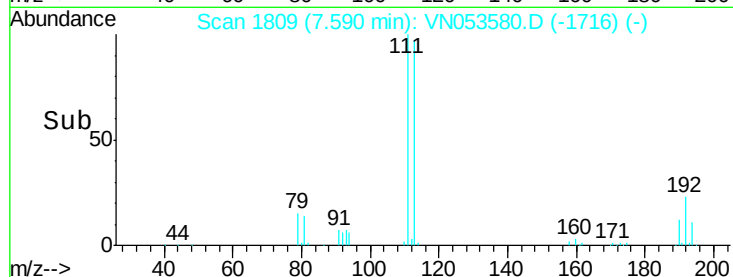
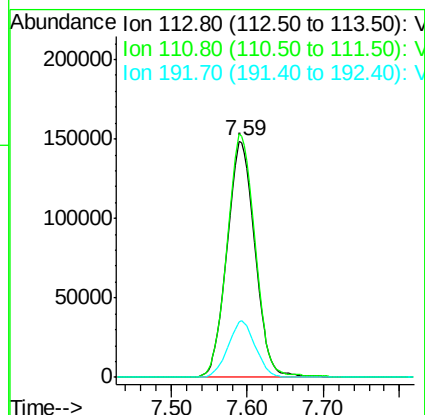
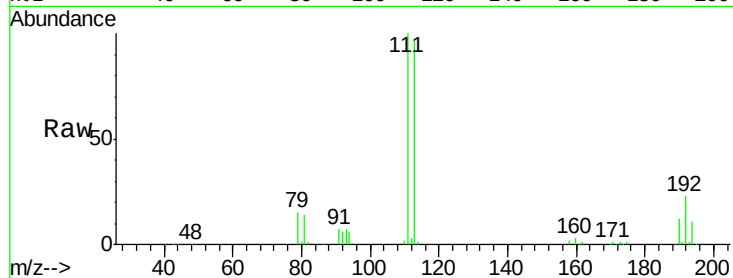




#35
 Dibromofluoromethane
 Concen: 49.974 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

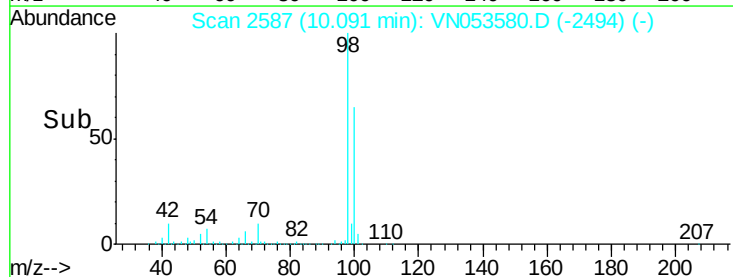
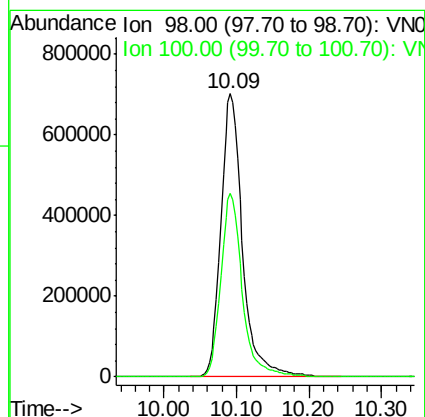
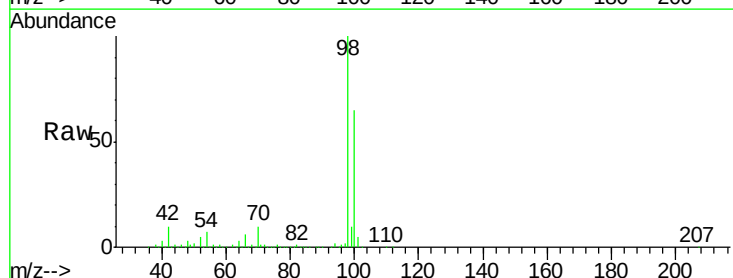
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

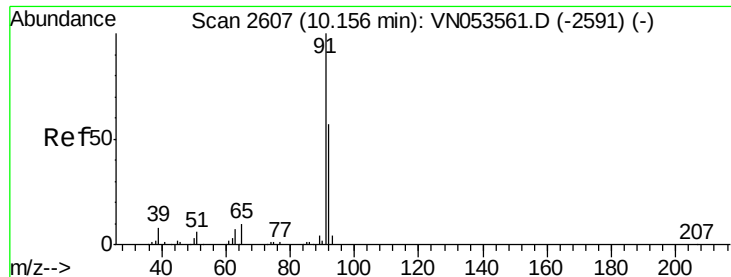
Tgt Ion: 113 Resp: 381650
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.1 121.7
 192 23.3 18.2 27.2



#50
 Toluene-d8
 Concen: 50.513 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053580.D
 Acq: 1 Feb 2019 16:55

Tgt Ion: 98 Resp: 1448474
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.4 77.0





#52

Toluene

Concen: 472.783 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

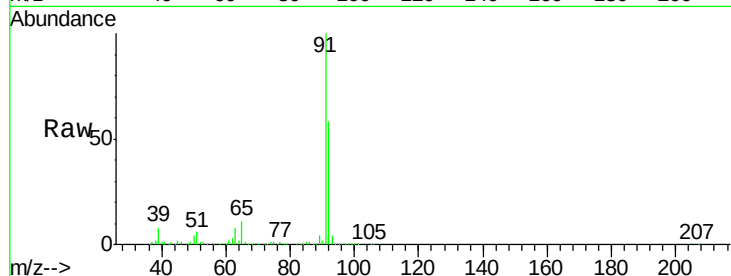
COMP-3

Tgt Ion: 92 Resp: 9427178

Ion Ratio Lower Upper

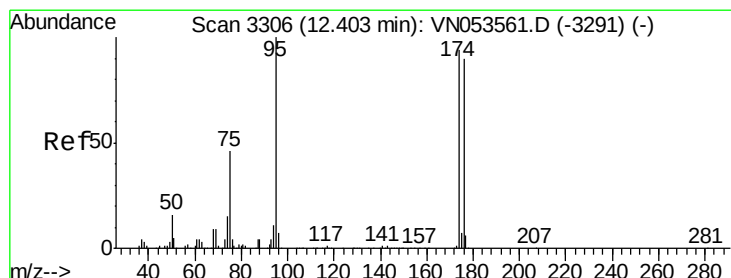
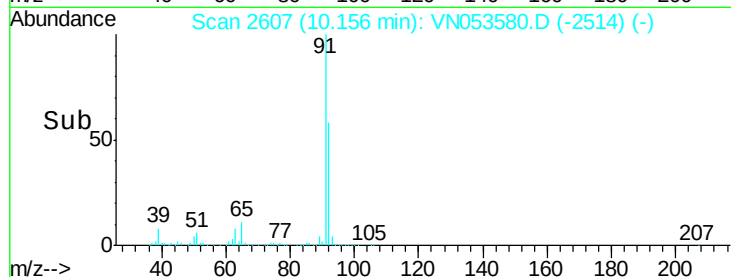
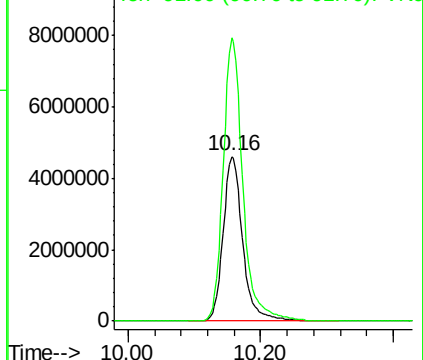
92 100

91 172.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 50.959 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

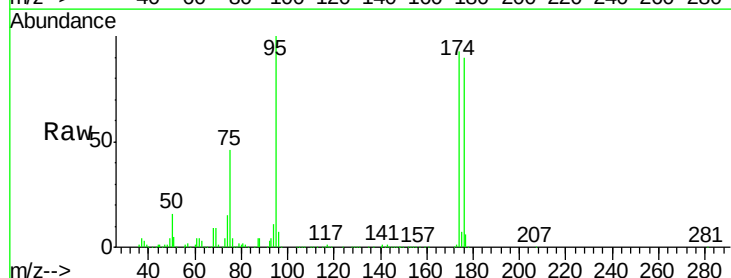
Tgt Ion: 95 Resp: 487353

Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.2

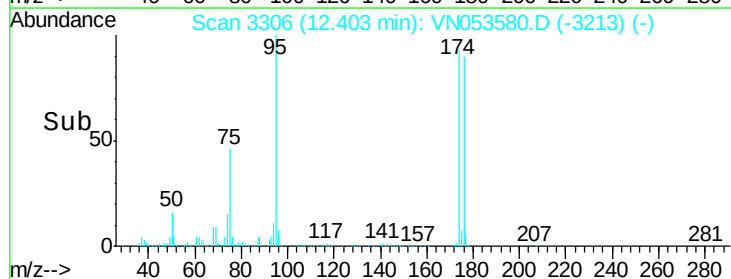
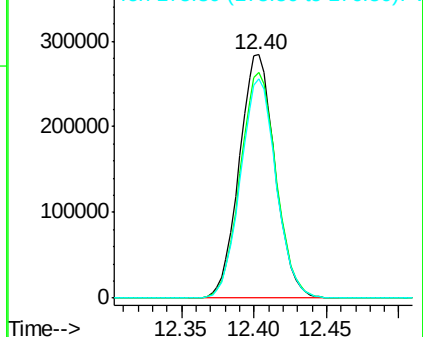
176 89.7 0.0 177.4

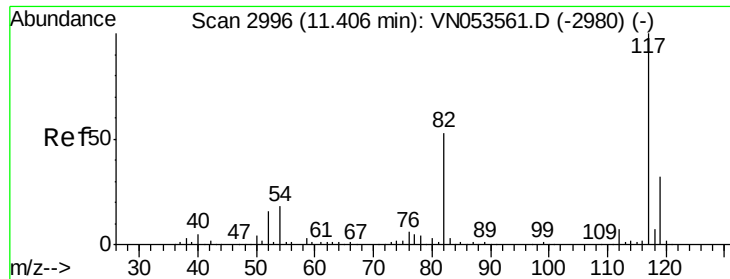


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

COMP-3

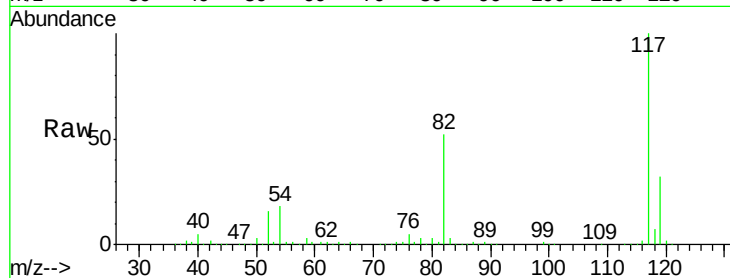
Tgt Ion: 117 Resp: 1088554

Ion Ratio Lower Upper

117 100

82 51.6 42.9 64.3

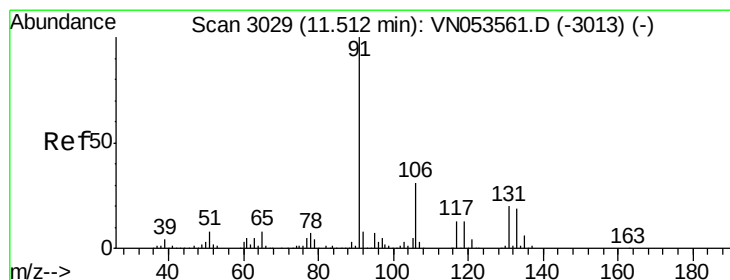
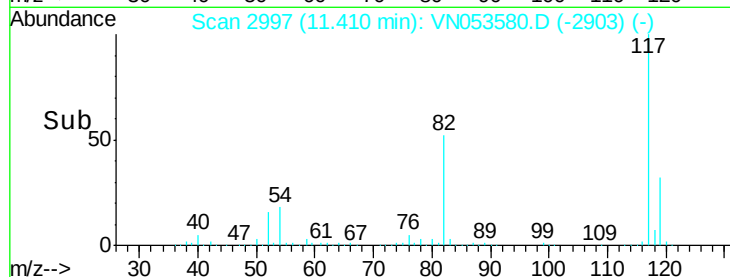
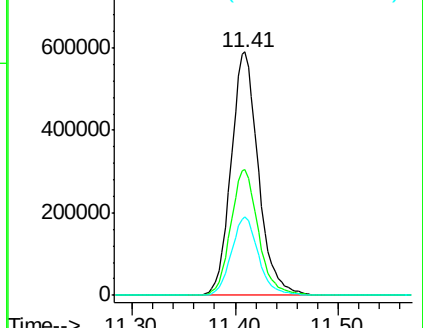
119 32.1 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.389 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN053580.D

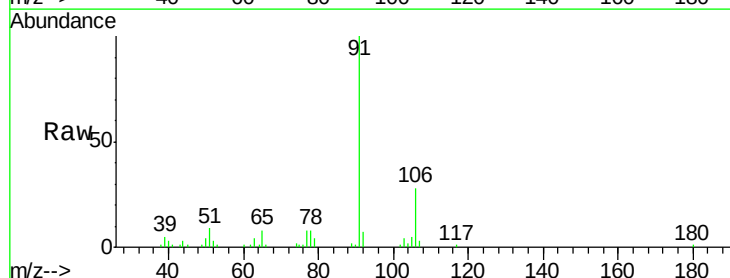
Acq: 1 Feb 2019 16:55

Tgt Ion: 91 Resp: 52752

Ion Ratio Lower Upper

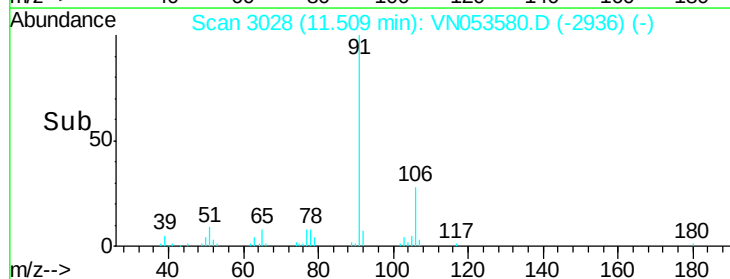
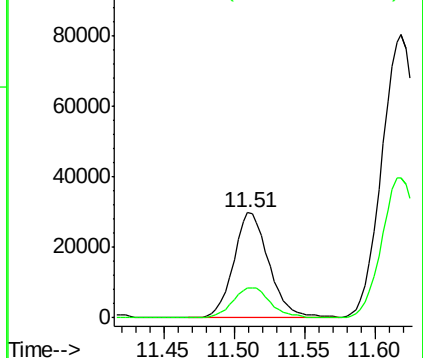
91 100

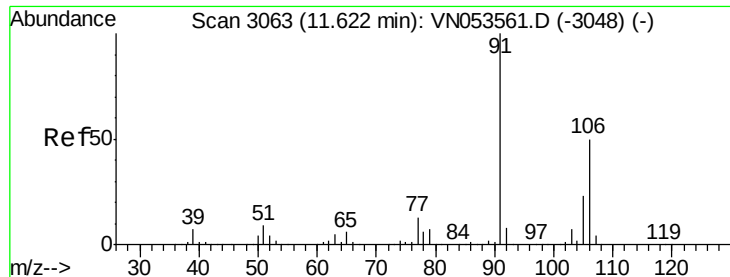
106 28.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

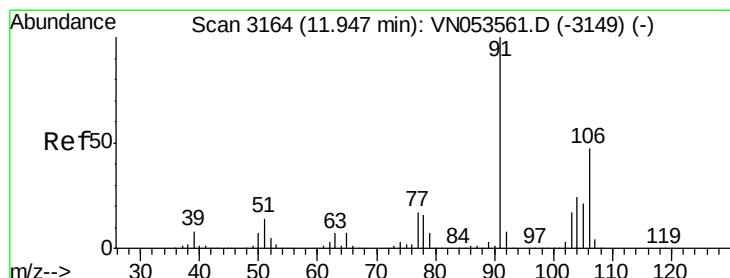
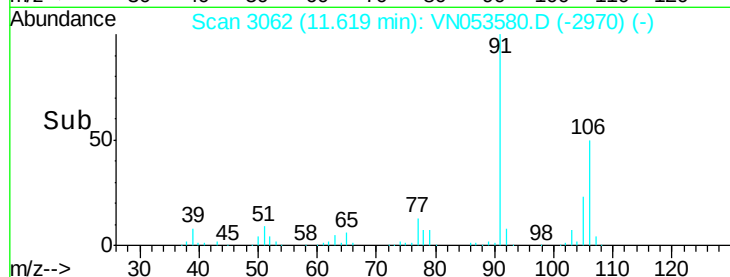
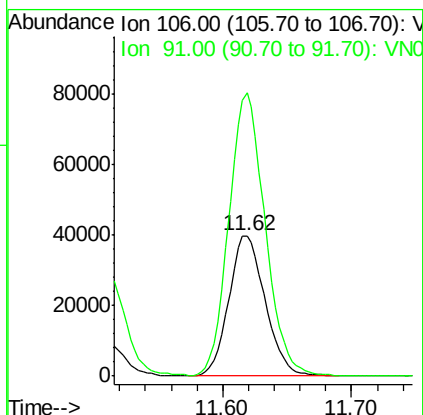
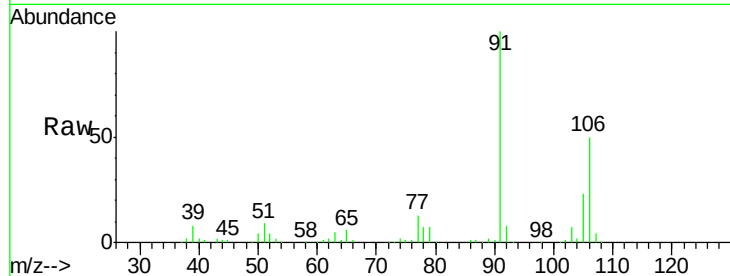




#68
m/p-Xylenes
Concen: 5.385 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

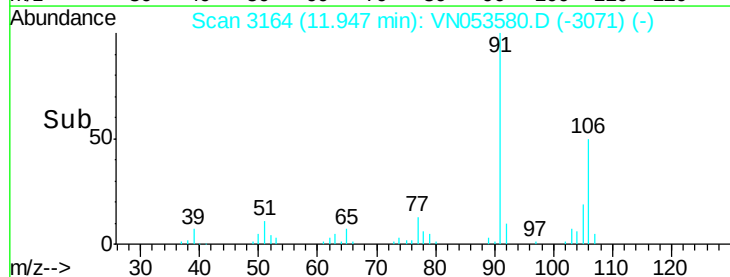
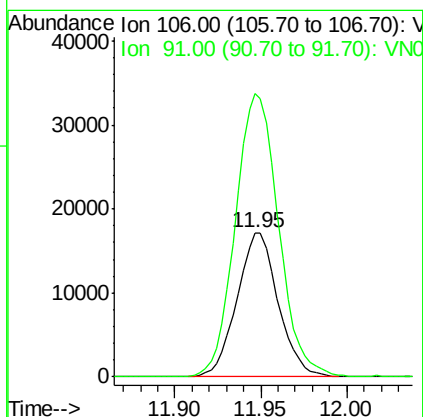
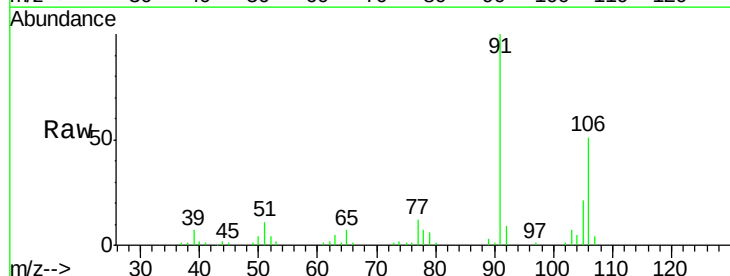
Instrument :
MSVOA_N
ClientSampled :
COMP-3

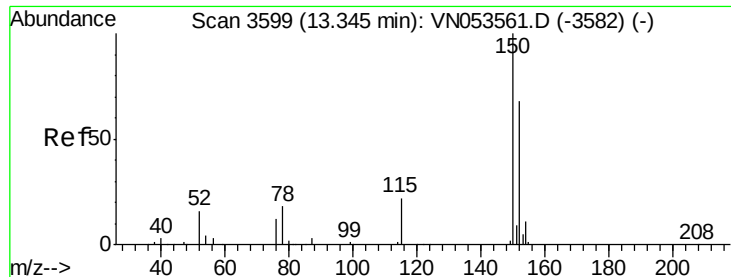
Tgt Ion:106 Resp: 78063
Ion Ratio Lower Upper
106 100
91 200.5 161.4 242.2



#69
o-Xylene
Concen: 2.034 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

Tgt Ion:106 Resp: 28491
Ion Ratio Lower Upper
106 100
91 206.1 106.9 320.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053580.D

Acq: 1 Feb 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

COMP-3

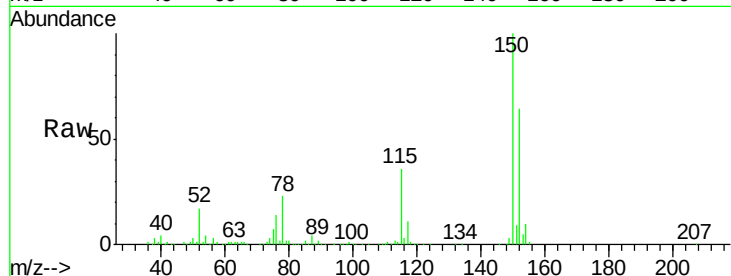
Tgt Ion:152 Resp: 477747

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.4

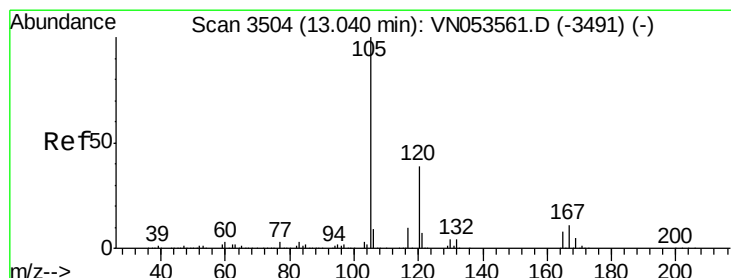
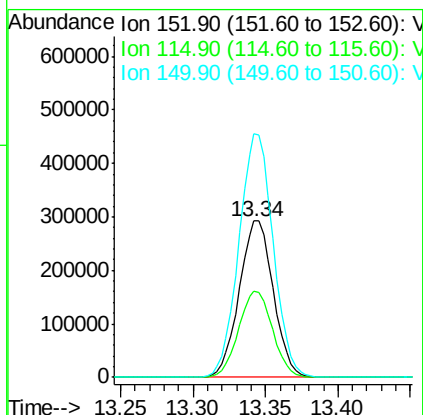
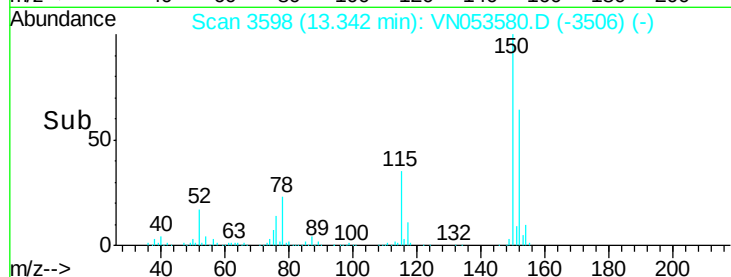
150 156.4 0.0 349.0



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: 0.532 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053580.D

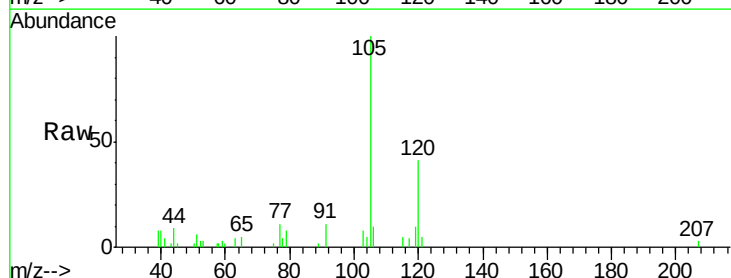
Acq: 1 Feb 2019 16:55

Tgt Ion:105 Resp: 15082

Ion Ratio Lower Upper

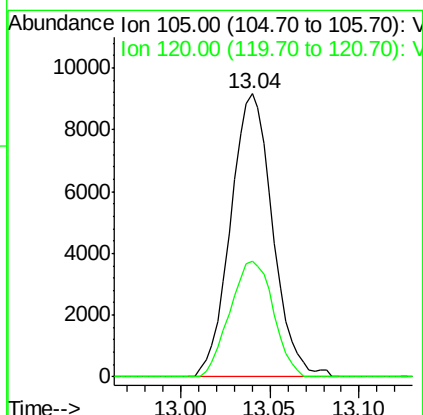
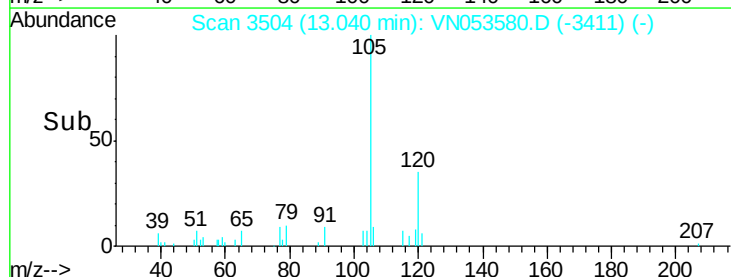
105 100

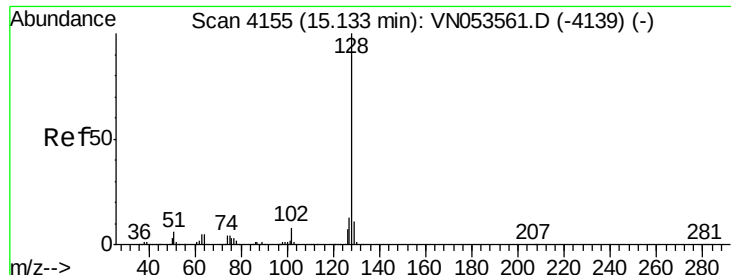
120 42.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

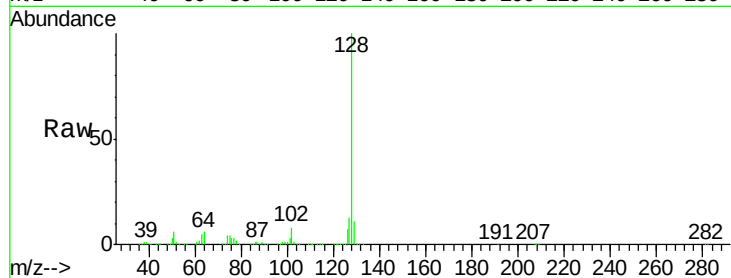




#95
Naphthalene
Concen: 75.364 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053580.D
Acq: 1 Feb 2019 16:55

Instrument :
MSVOA_N
ClientSampleId :
COMP-3

Tgt Ion:128 Resp: 1600794
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 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

