

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053715.D
 Acq On : 11 Feb 2019 19:54
 Operator : JC/SP
 Sample : K1448-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30171

Quant Time: Feb 11 23:23:29 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	698689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1147140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1071222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	492903	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	369000	52.65	ug/l	0.00
Spiked Amount						
			Recovery	=	105.30%	
35) Dibromofluoromethane	7.59	113	364131	50.24	ug/l	0.00
Spiked Amount						
			Recovery	=	100.48%	
50) Toluene-d8	10.09	98	1376913	50.59	ug/l	0.00
Spiked Amount						
			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.40	95	490667	54.06	ug/l	0.00
Spiked Amount						
			Recovery	=	108.12%	

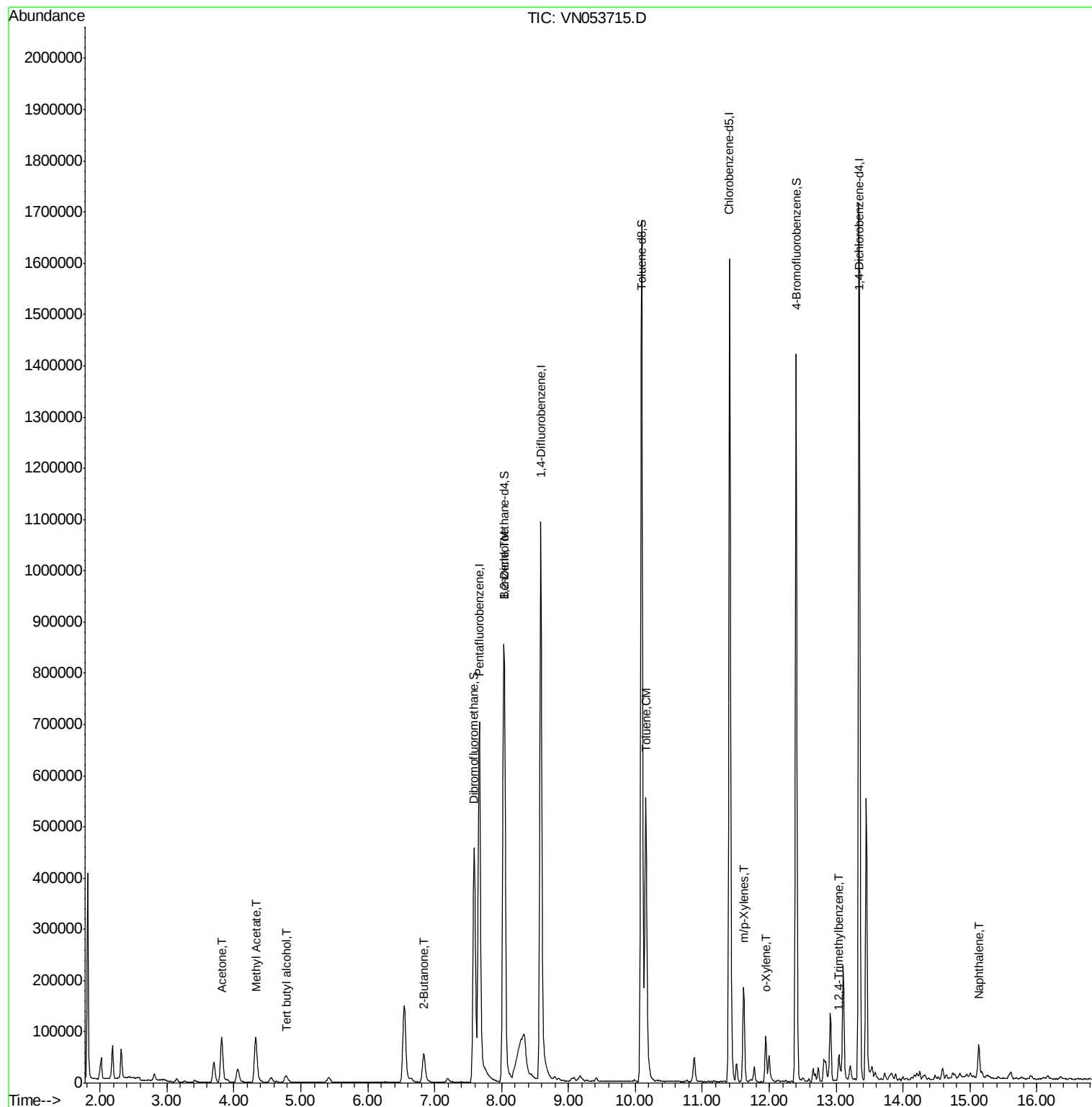
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	25017	60.308	ug/l #	89
16) Acetone	3.82	43	150075	83.473	ug/l	98
18) Methyl Acetate	4.33	43	176034	33.061	ug/l	100
25) 2-Butanone	6.84	43	103095	40.206	ug/l	100
40) Benzene	8.04	78	635631	19.933	ug/l	100
52) Toluene	10.16	92	265620	14.035	ug/l	98
68) m/p-Xylenes	11.62	106	62868	4.407	ug/l	99
69) o-Xylene	11.95	106	22690	1.646	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	31302	1.069	ug/l	98
95) Naphthalene	15.13	128	56050	4.235	ug/l	98

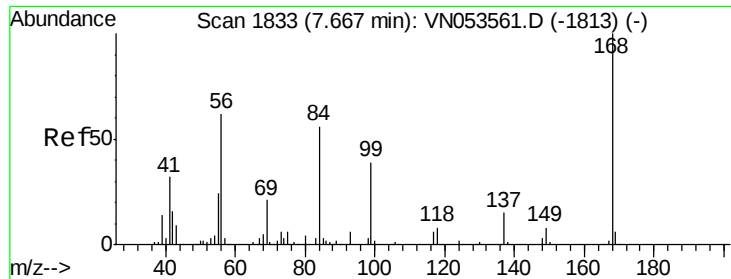
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
Data File : VN053715.D
Acq On : 11 Feb 2019 19:54
Operator : JC/SP
Sample : K1448-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30171

Quant Time: Feb 11 23:23:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
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: VN053715.D

Acq: 11 Feb 2019 19:54

Instrument :

MSVOA_N

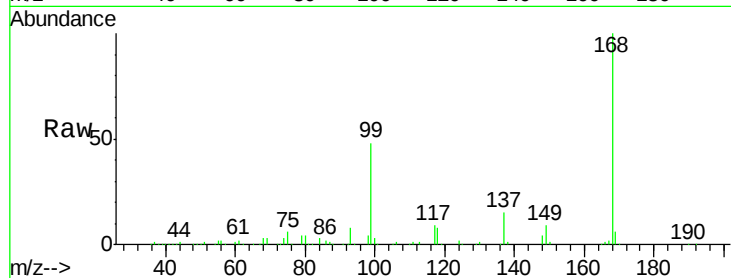
ClientSampleId :
30171

Tot Ion:168 Resp: 698689

Ion Ratio Lower Upper

168 100

99 47.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

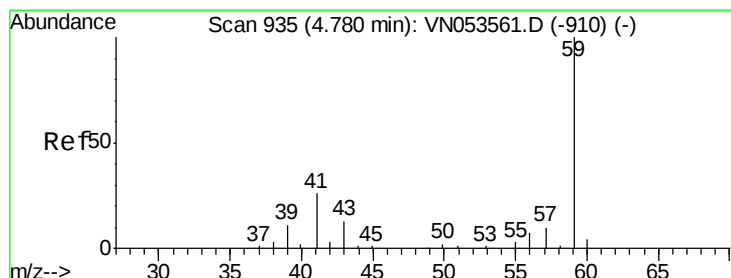
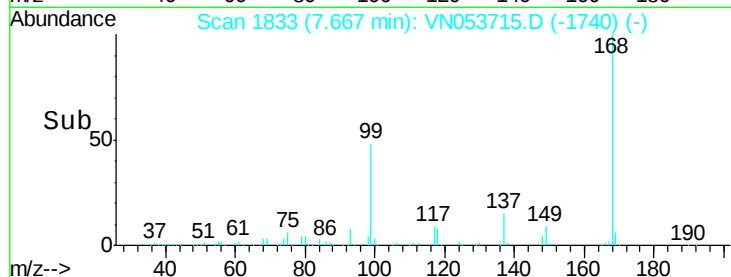
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 60.308 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.00 min

Lab File: VN053715.D

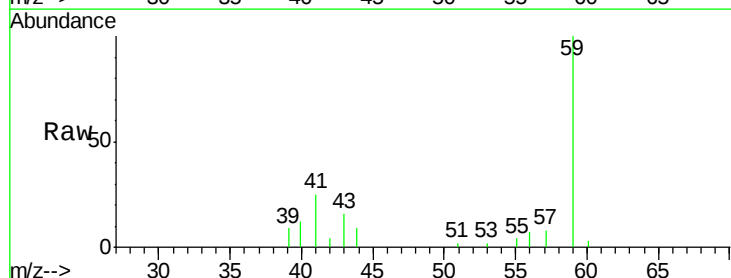
Acq: 11 Feb 2019 19:54

Tgt Ion: 59 Resp: 25017

Ion Ratio Lower Upper

59 100

57 6.1 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.78

8000

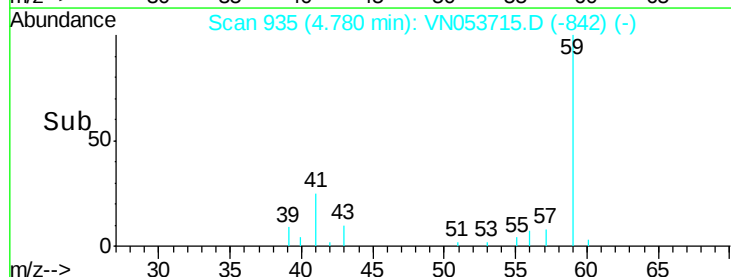
6000

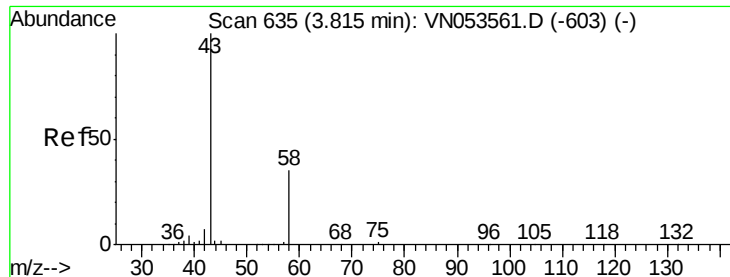
4000

2000

0

Time-->





#16

Acetone

Concen: 83.473 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053715.D

Acq: 11 Feb 2019 19:54

Instrument :

MSVOA_N

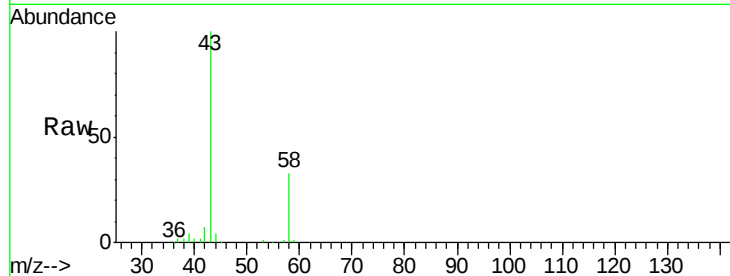
ClientSampled :
30171

Tot Ion: 43 Resp: 150075

Ion Ratio Lower Upper

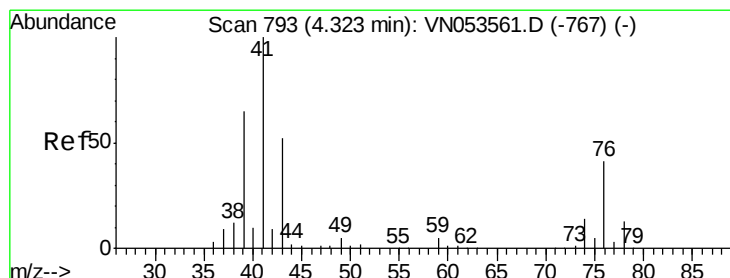
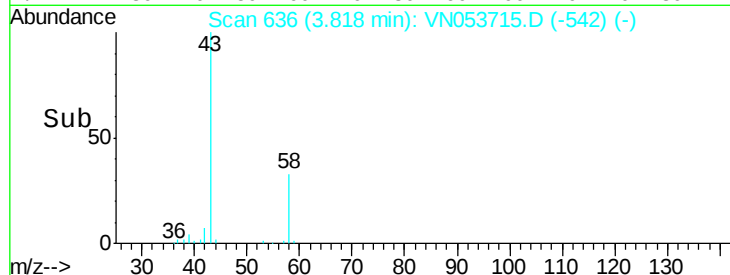
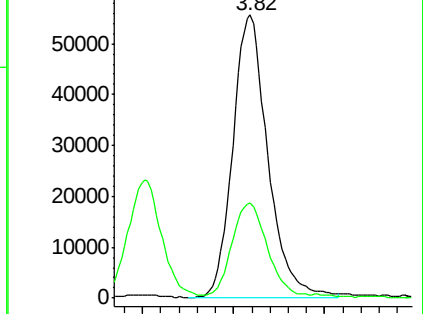
43 100

58 32.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 33.061 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053715.D

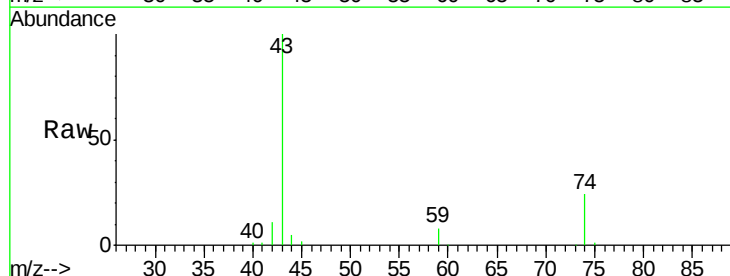
Acq: 11 Feb 2019 19:54

Tgt Ion: 43 Resp: 176034

Ion Ratio Lower Upper

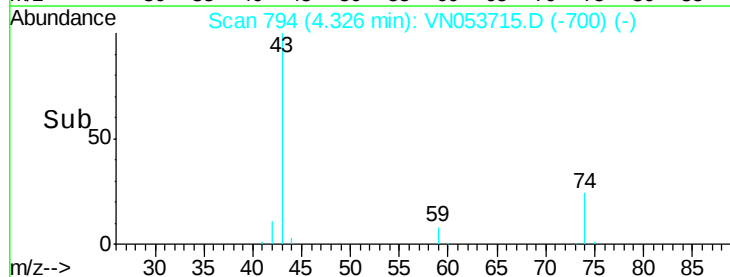
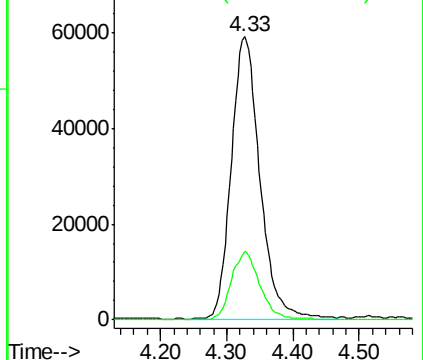
43 100

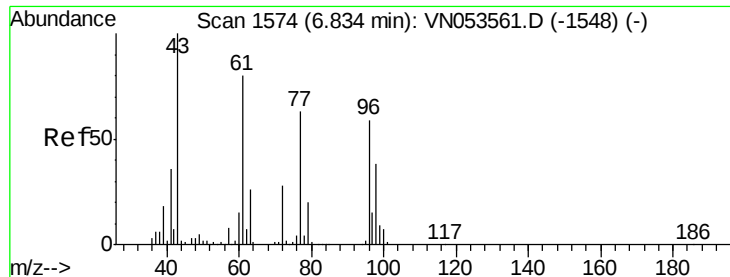
74 24.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#25

2-Butanone

Concen: 40.206 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN053715.D

Acq: 11 Feb 2019 19:54

Instrument :

MSVOA_N

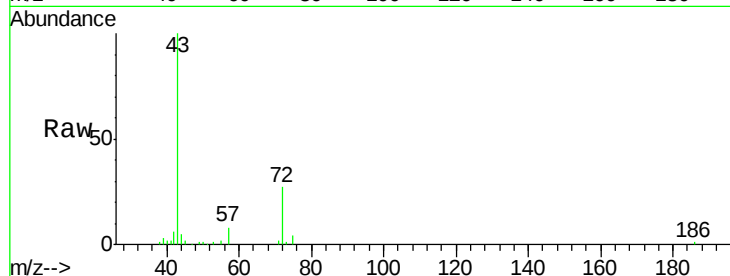
ClientSampleId :
30171

Tot Ion: 43 Resp: 103095

Ion Ratio Lower Upper

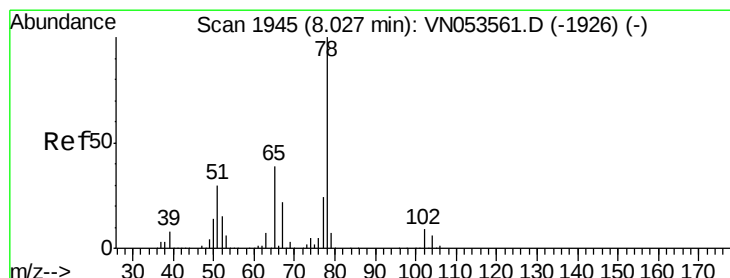
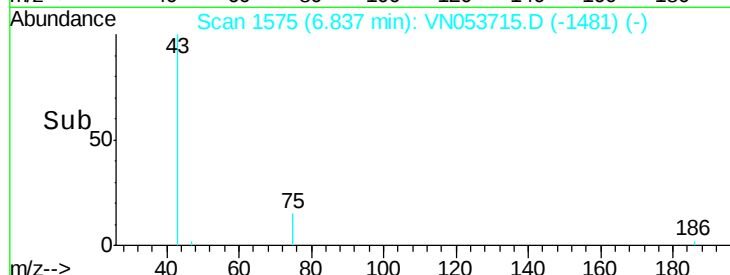
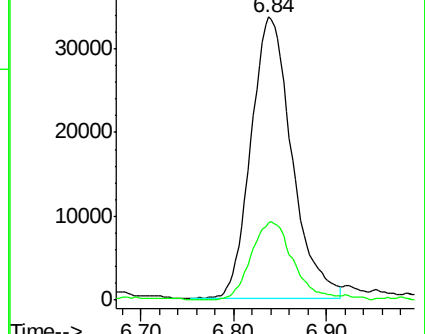
43 100

72 27.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.645 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053715.D

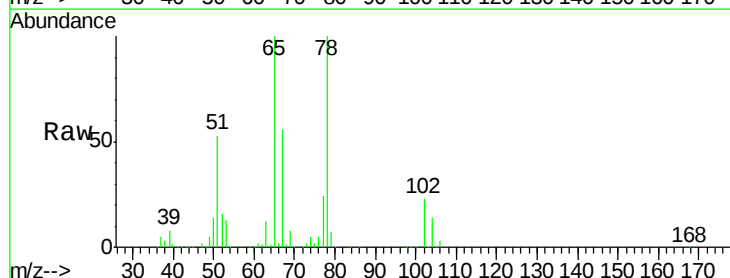
Acq: 11 Feb 2019 19:54

Tgt Ion: 65 Resp: 369000

Ion Ratio Lower Upper

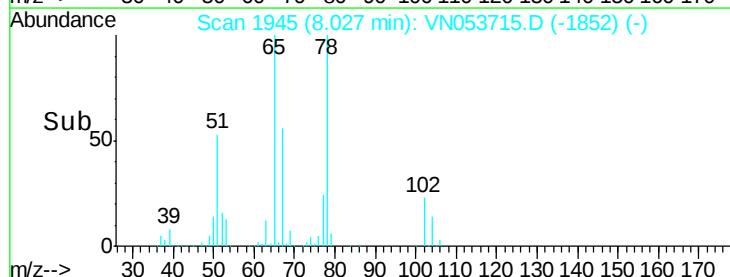
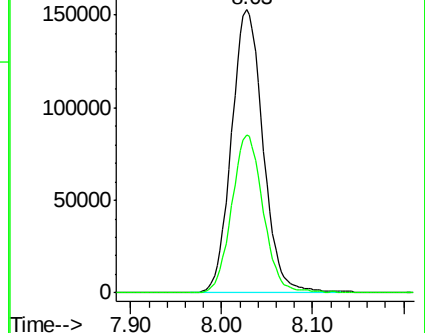
65 100

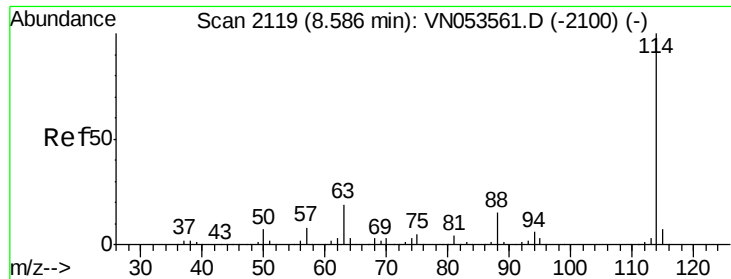
67 55.4 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

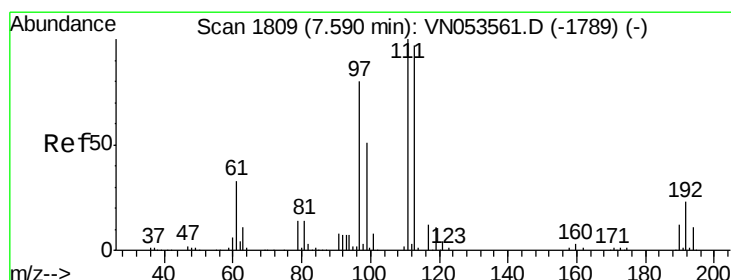
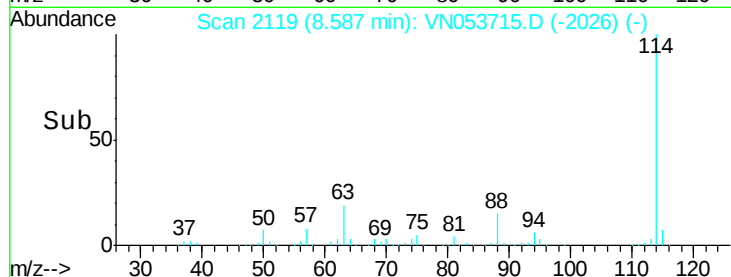
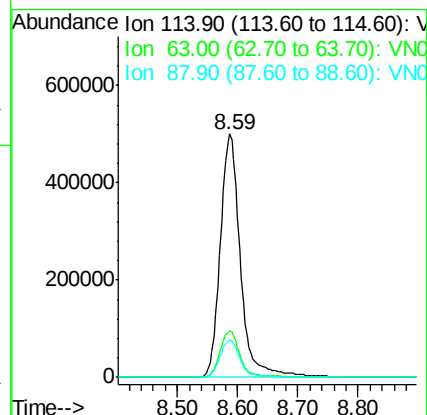
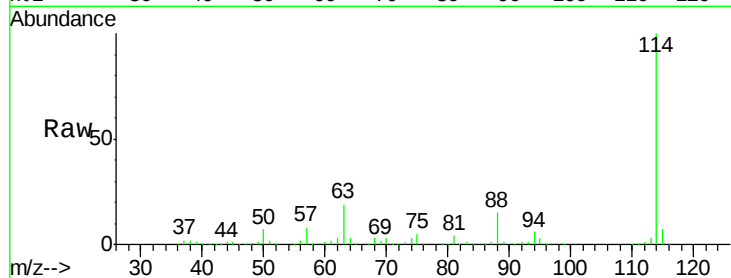




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053715.D
 Acq: 11 Feb 2019 19:54

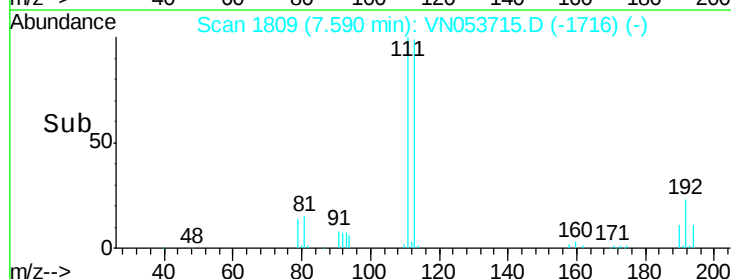
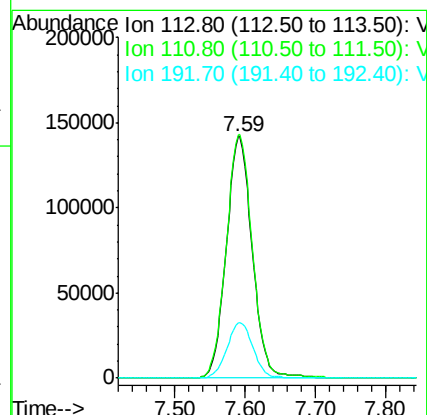
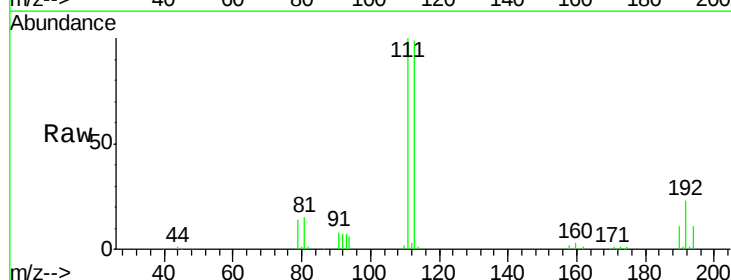
Instrument :
 MSVOA_N
 ClientSampleId :
 30171

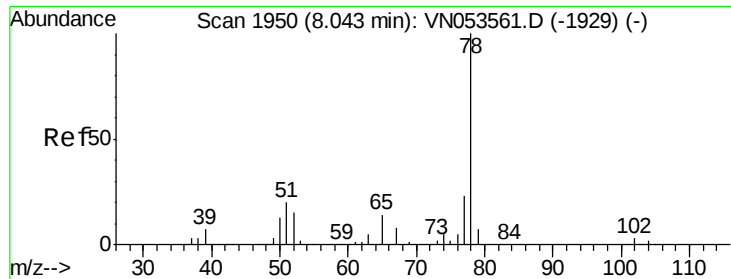
Tot Ion:114 Resp: 1147140
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.2 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.236 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053715.D
 Acq: 11 Feb 2019 19:54

Tgt Ion:113 Resp: 364131
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.1 121.7
 192 23.3 18.2 27.2





#40

Benzene

Concen: 19.933 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053715.D

Acq: 11 Feb 2019 19:54

Instrument :

MSVOA_N

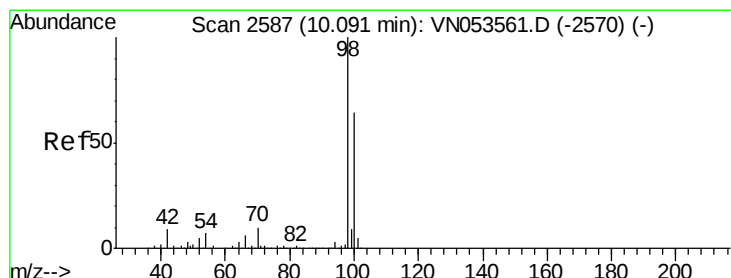
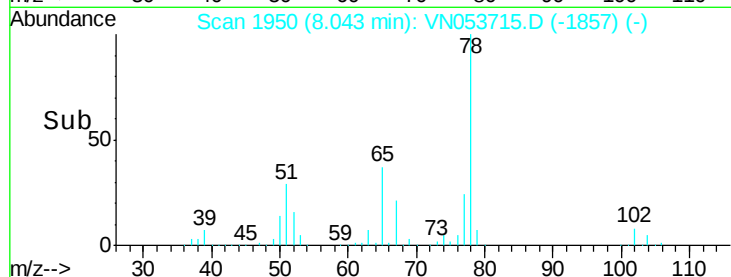
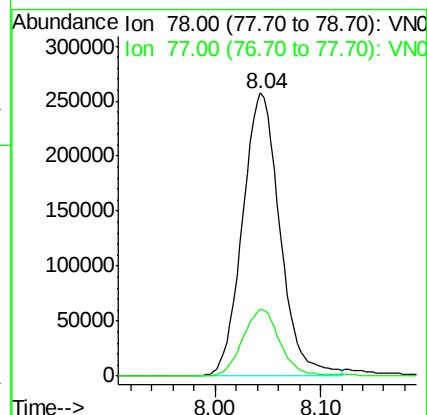
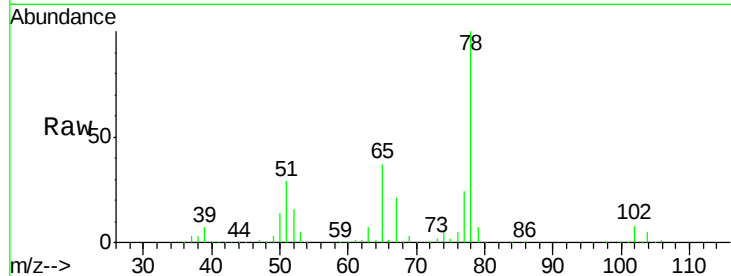
ClientSampled :
30171

Tot Ion: 78 Resp: 635631

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2



#50

Toluene-d8

Concen: 50.591 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053715.D

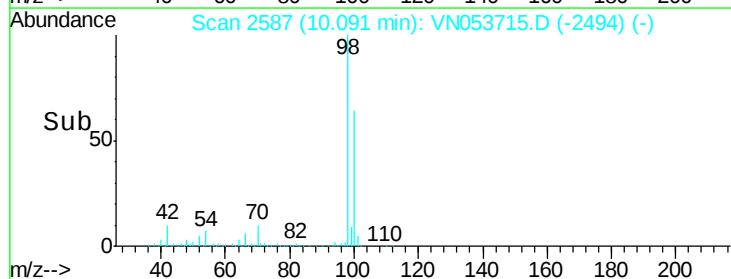
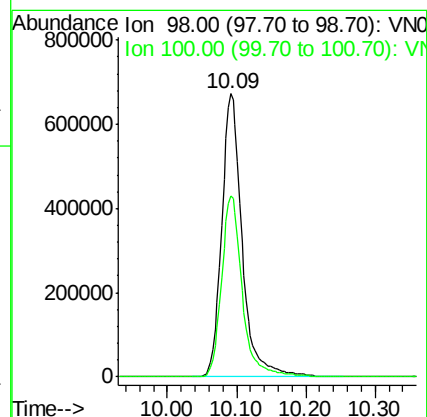
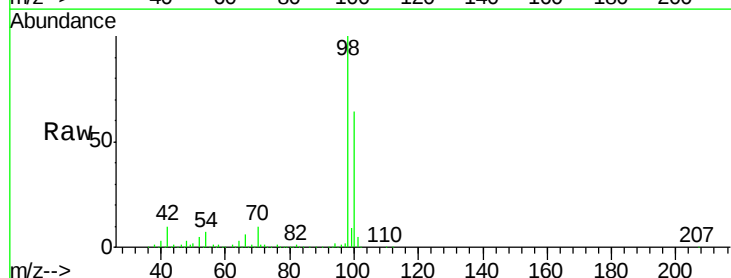
Acq: 11 Feb 2019 19:54

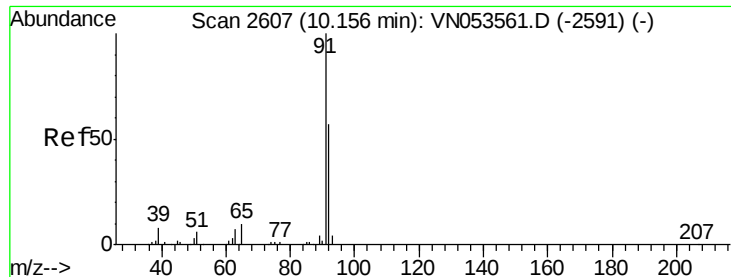
Tgt Ion: 98 Resp: 1376913

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0





#52

Toluene

Concen: 14.035 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053715.D

Acq: 11 Feb 2019 19:54

Instrument :

MSVOA_N

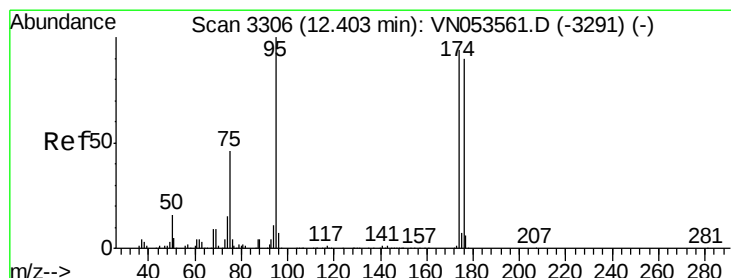
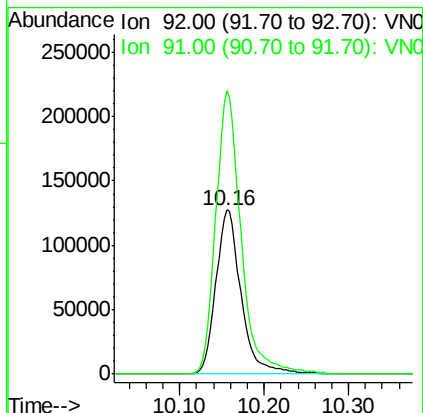
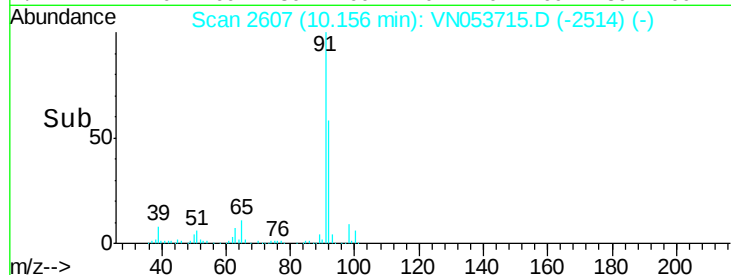
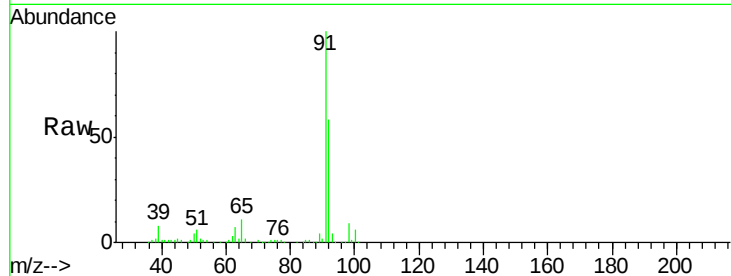
ClientSampleId :
30171

Tot Ion: 92 Resp: 265620

Ion Ratio Lower Upper

92 100

91 172.8 139.9 209.9



#62

4-Bromofluorobenzene

Concen: 54.055 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053715.D

Acq: 11 Feb 2019 19:54

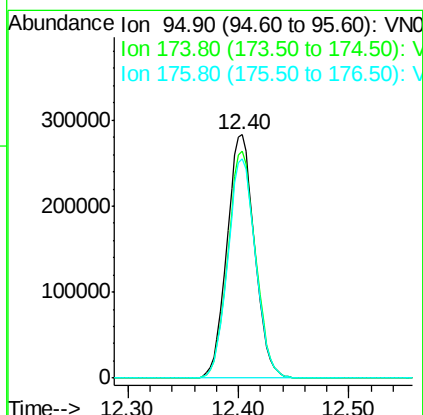
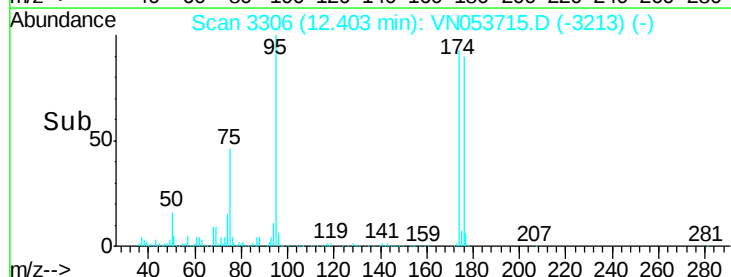
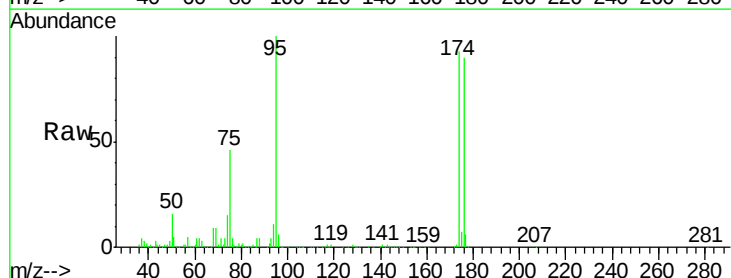
Tgt Ion: 95 Resp: 490667

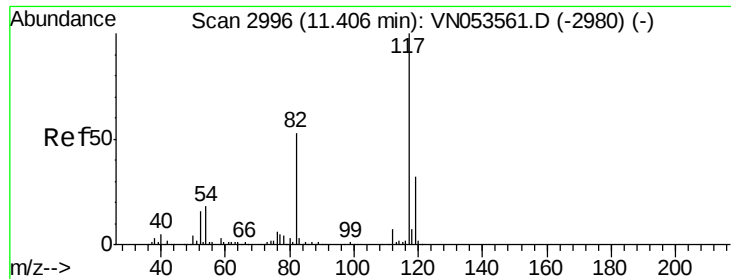
Ion Ratio Lower Upper

95 100

174 93.2 0.0 183.2

176 90.5 0.0 177.4

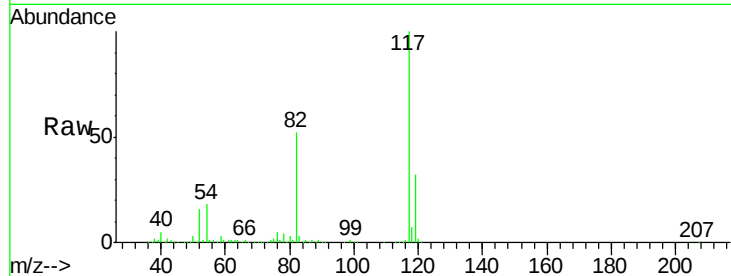




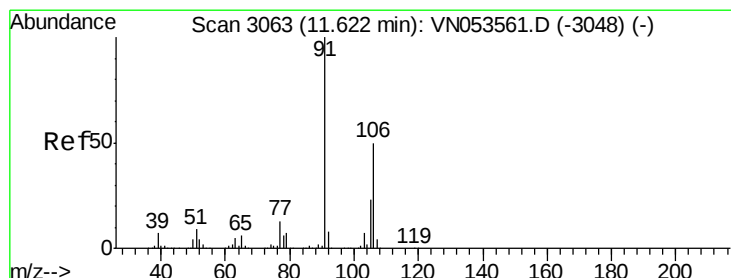
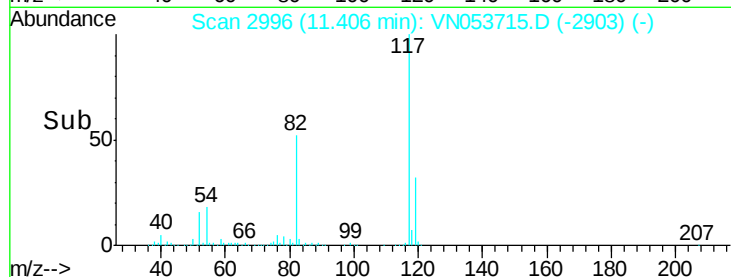
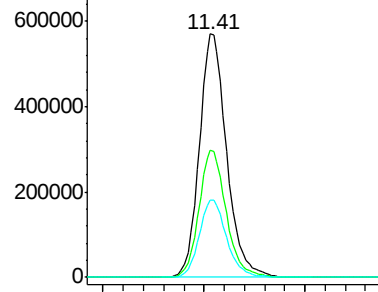
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053715.D
Acq: 11 Feb 2019 19:54

Instrument :
MSVOA_N
ClientSampled :
30171

Tot Ion:117 Resp: 1071222
Ion Ratio Lower Upper
117 100
82 52.4 42.9 64.3
119 31.9 26.0 39.0

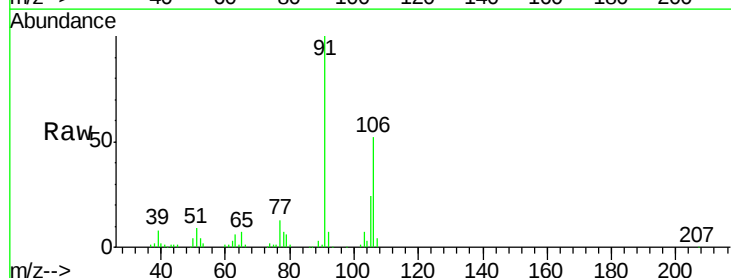


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

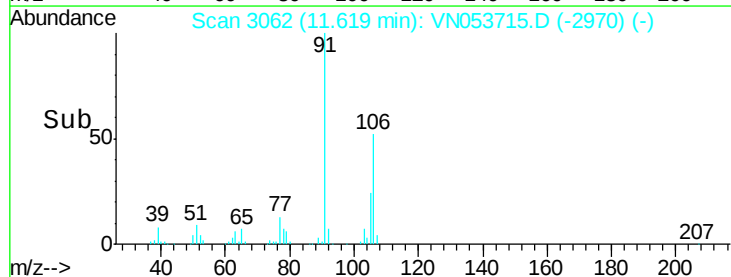
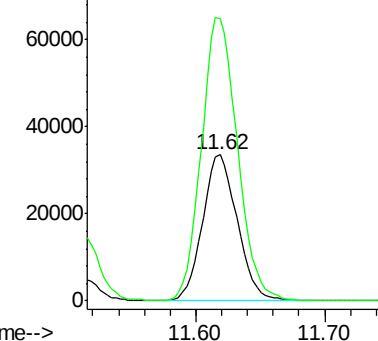


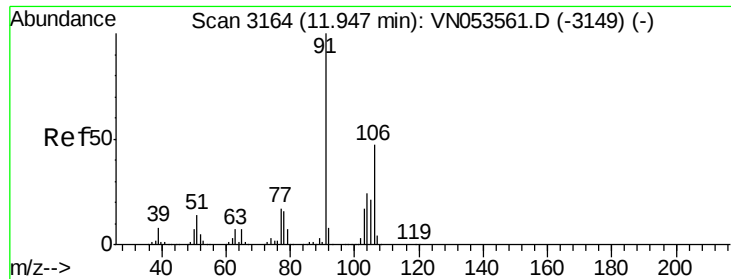
#68
m/p-Xylenes
Concen: 4.407 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053715.D
Acq: 11 Feb 2019 19:54

Tgt Ion:106 Resp: 62868
Ion Ratio Lower Upper
106 100
91 200.6 161.4 242.2



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

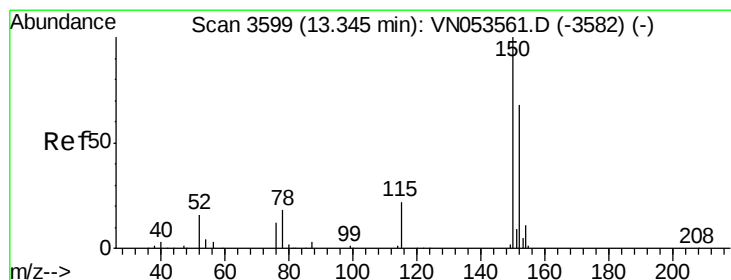
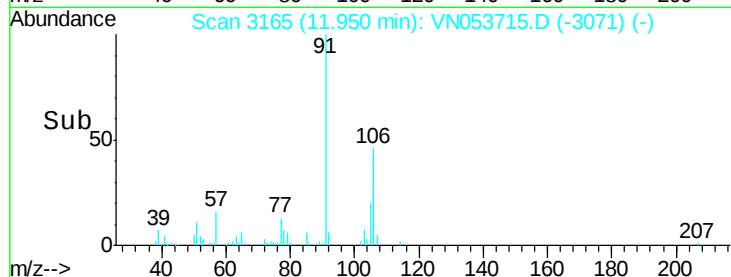
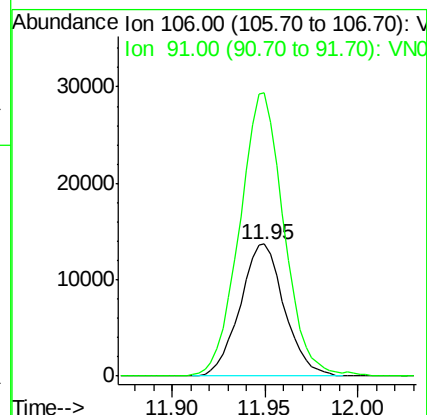
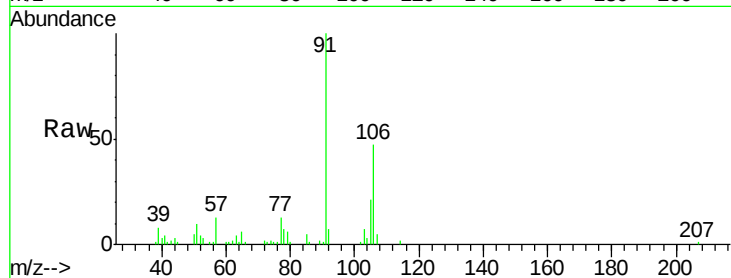




#69
o-Xylene
Concen: 1.646 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053715.D
Acq: 11 Feb 2019 19:54

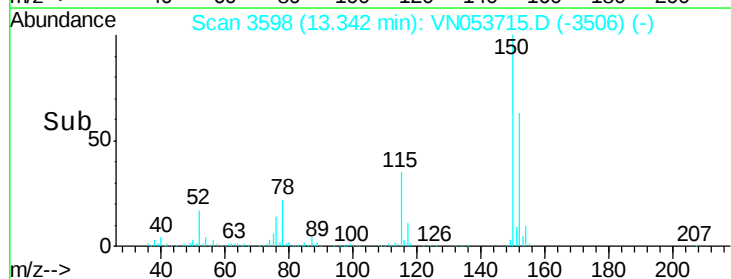
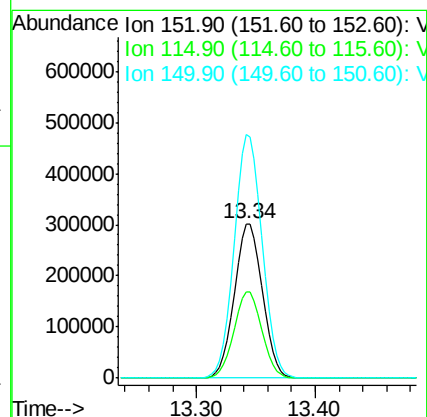
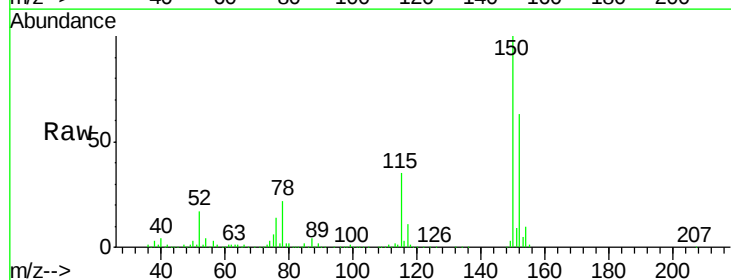
Instrument :
MSVOA_N
ClientSampled :
30171

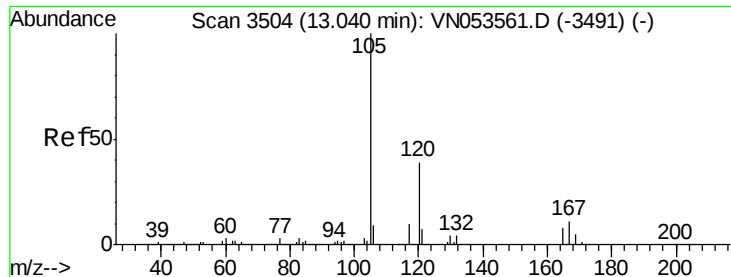
Tot Ion:106 Resp: 22690
Ion Ratio Lower Upper
106 100
91 215.2 106.9 320.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053715.D
Acq: 11 Feb 2019 19:54

Tgt Ion:152 Resp: 492903
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.4
150 157.5 0.0 349.0





#84

1,2,4-Trimethylbenzene

Concen: 1.069 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053715.D

Acq: 11 Feb 2019 19:54

Instrument :

MSVOA_N

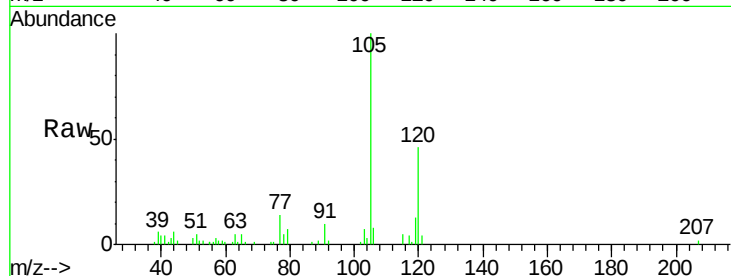
ClientSampled :
30171

Tot Ion:105 Resp: 31302

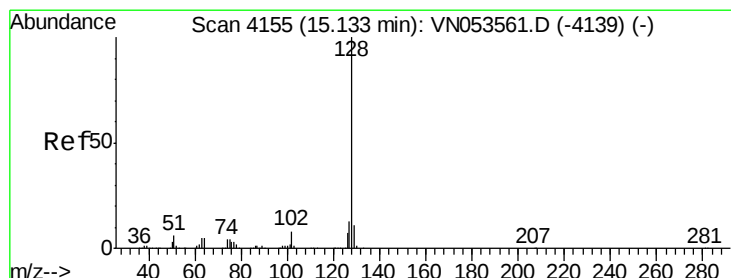
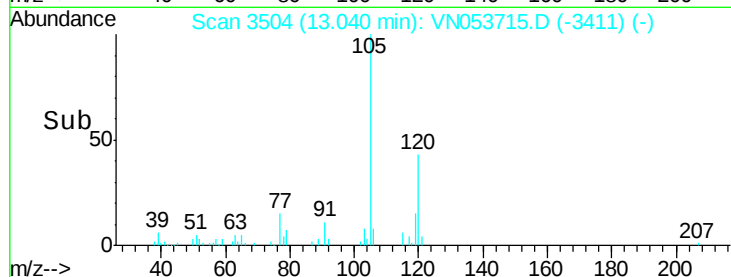
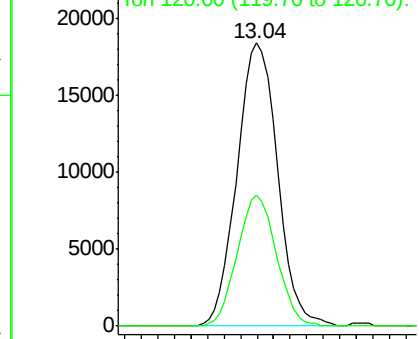
Ion Ratio Lower Upper

105 100

120 44.5 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: 4.235 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053715.D

Acq: 11 Feb 2019 19:54

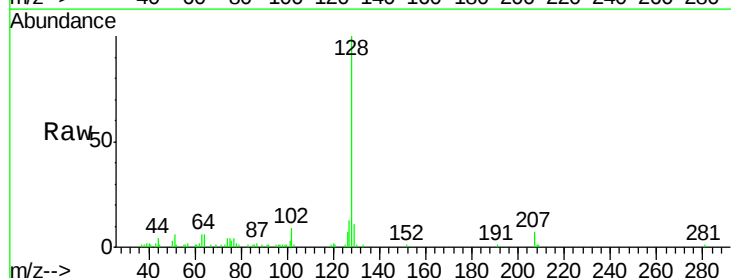
Tgt Ion:128 Resp: 56050

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.9 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

