

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
 Data File : VN053503.D
 Acq On : 21 Jan 2019 13:37
 Operator : JC/SP
 Sample : K1202-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 BV-COMP-1

Quant Time: Jan 22 04:53:28 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	803009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1255882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1192147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	562022	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	411536	51.85	ug/l	0.00
Spiked Amount						
			Recovery	=	103.70%	
35) Dibromofluoromethane	7.59	113	369854	51.60	ug/l	0.00
Spiked Amount						
			Recovery	=	103.20%	
50) Toluene-d8	10.09	98	1551455	51.18	ug/l	0.00
Spiked Amount						
			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.40	95	548082	51.56	ug/l	0.00
Spiked Amount						
			Recovery	=	103.12%	

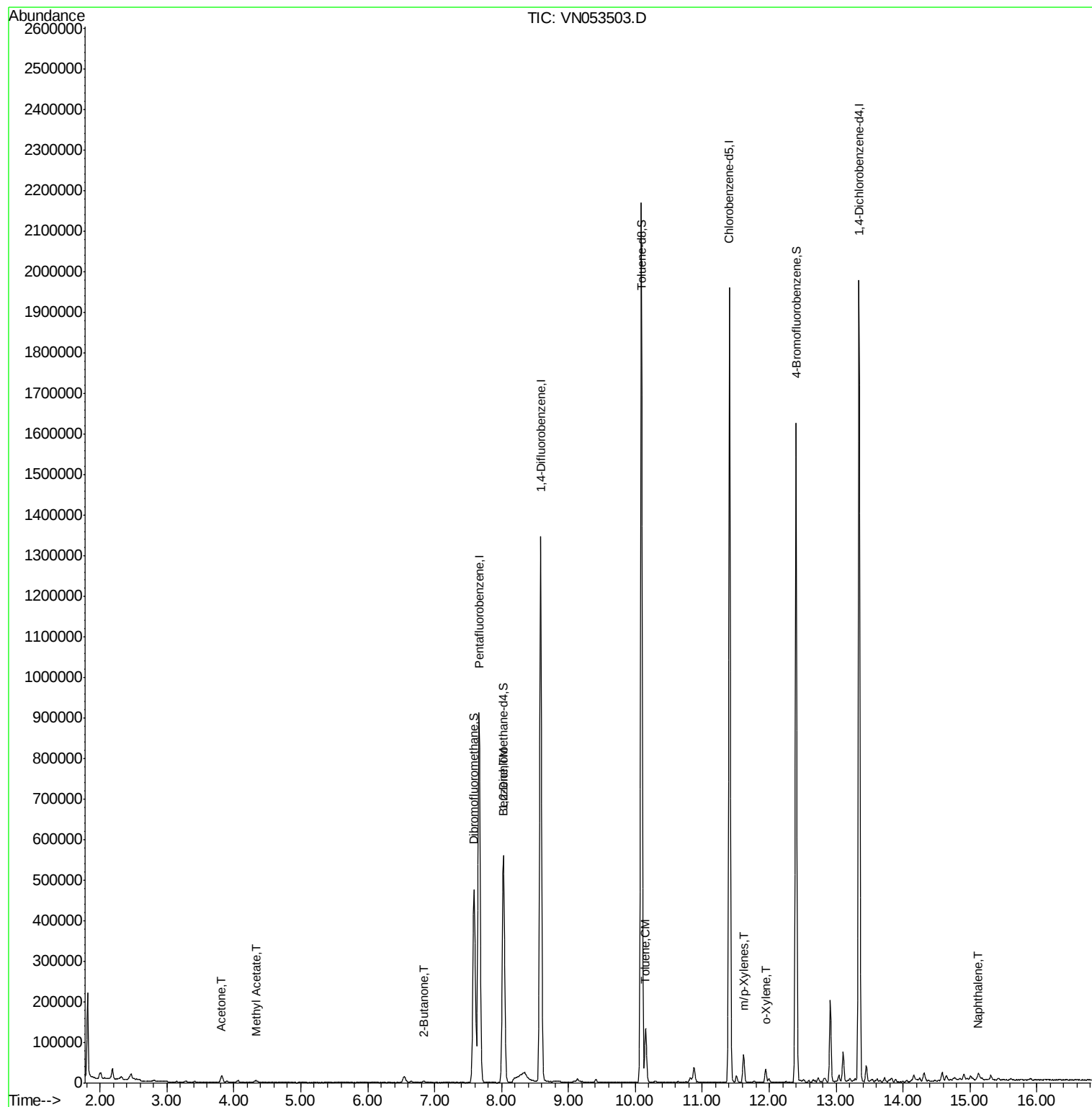
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	28382	15.241	ug/l	99
18) Methyl Acetate	4.33	43	10111	1.612	ug/l	96
25) 2-Butanone	6.84	43	4236	1.476	ug/l	97
40) Benzene	8.04	78	118978	3.423	ug/l	94
52) Toluene	10.15	92	59426	2.754	ug/l	99
68) m/p-Xylenes	11.62	106	22599	1.392	ug/l	98
69) o-Xylene	11.95	106	8947	0.567	ug/l	95
95) Naphthalene	15.13	128	14049	4.891	ug/l	99

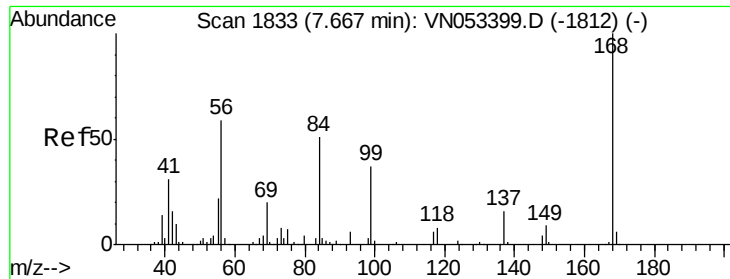
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012119\
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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: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

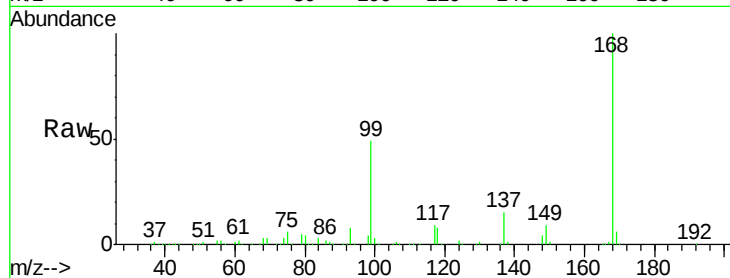
BV-COMP-1

Tot Ion:168 Resp: 803009

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.66

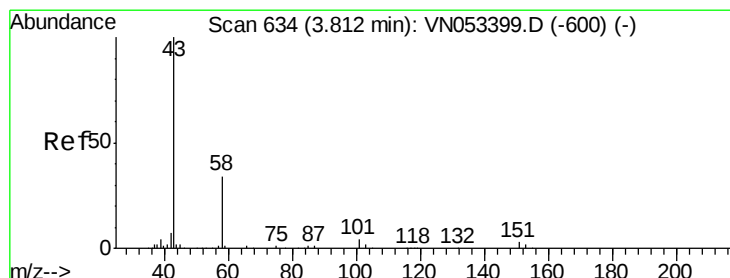
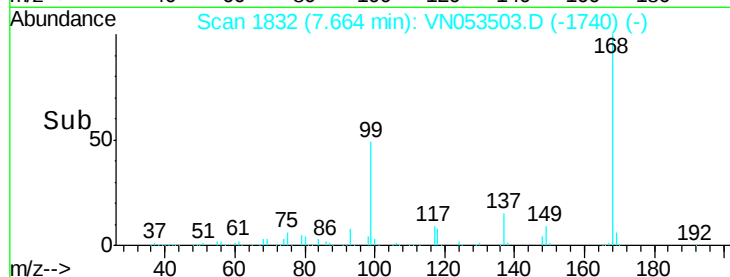
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 15.241 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053503.D

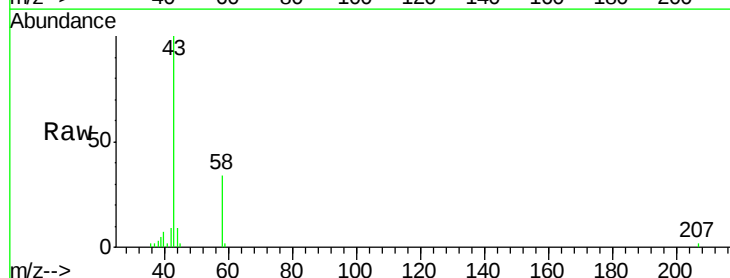
Acq: 21 Jan 2019 13:37

Tgt Ion: 43 Resp: 28382

Ion Ratio Lower Upper

43 100

58 33.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)

3.82

12000

10000

8000

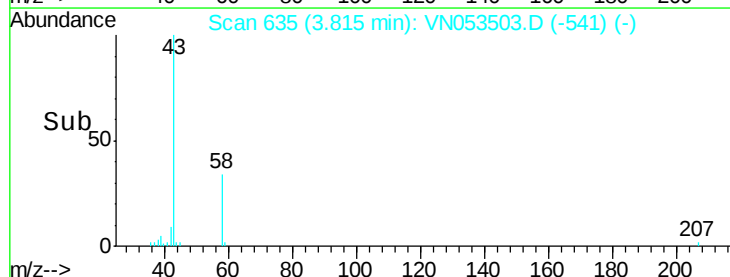
6000

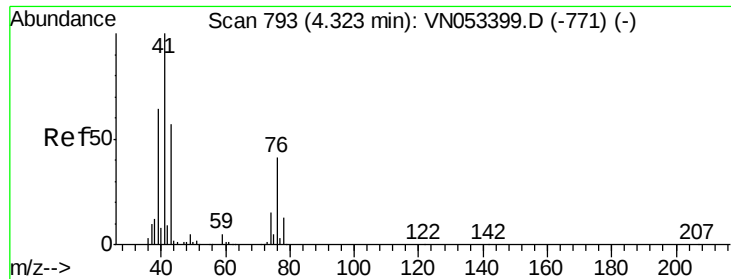
4000

2000

0

Time-->

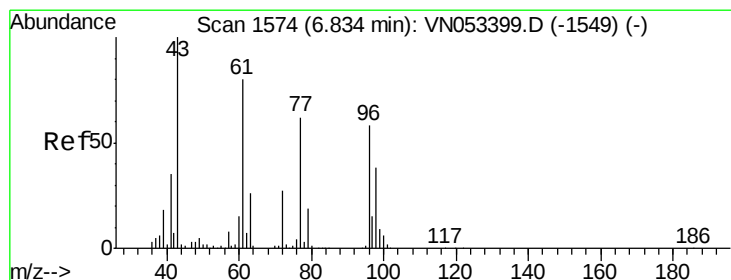
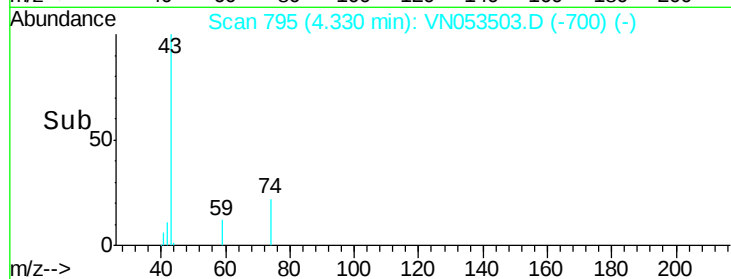
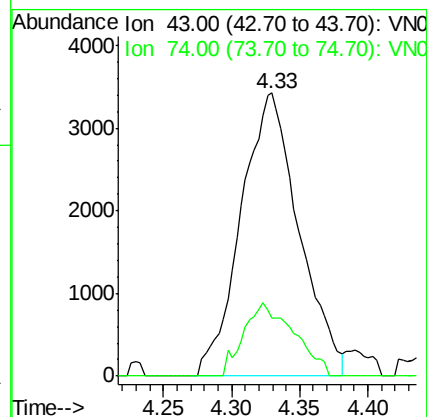
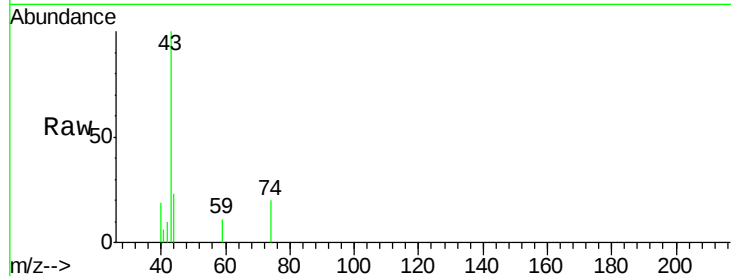




#18
Methvl Acetate
Concen: 1.612 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053503.D
Acq: 21 Jan 2019 13:37

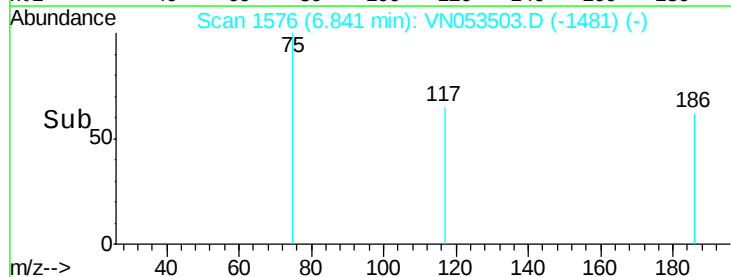
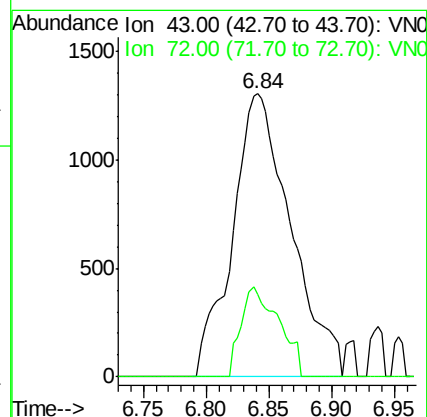
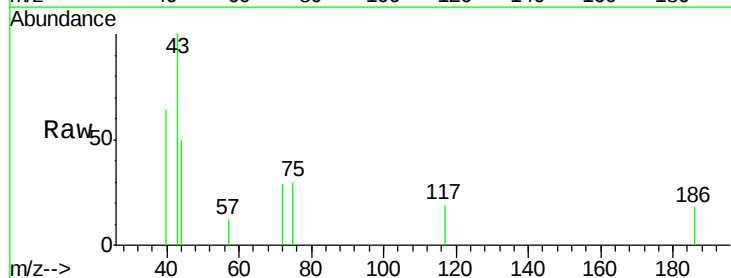
Instrument :
MSVOA_N
ClientSampleId :
BV-COMP-1

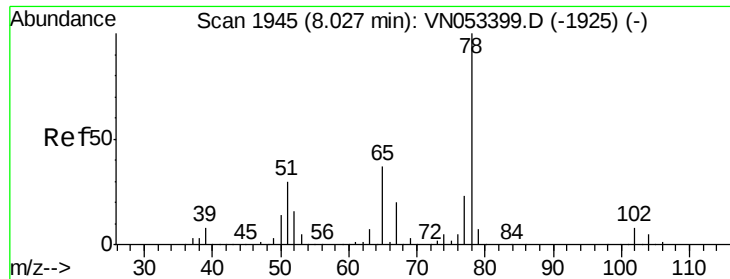
Tot Ion: 43 Resp: 10111
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2



#25
2-Butanone
Concen: 1.476 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053503.D
Acq: 21 Jan 2019 13:37

Tgt Ion: 43 Resp: 4236
Ion Ratio Lower Upper
43 100
72 28.9 22.0 33.0

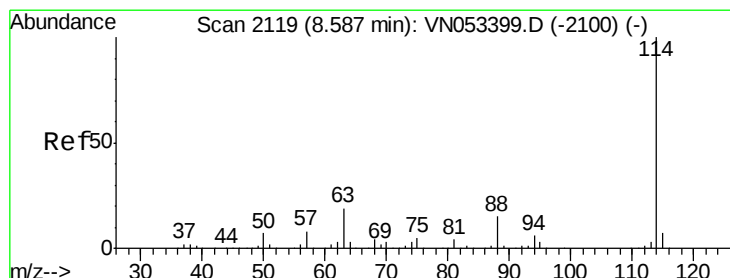
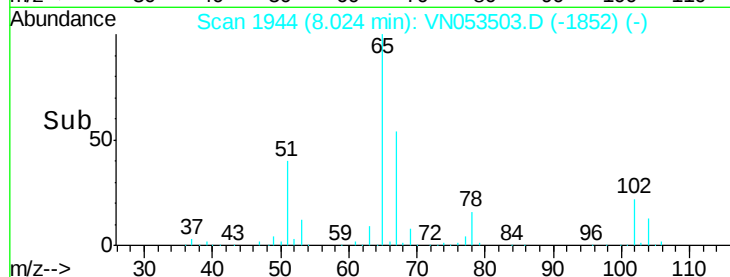
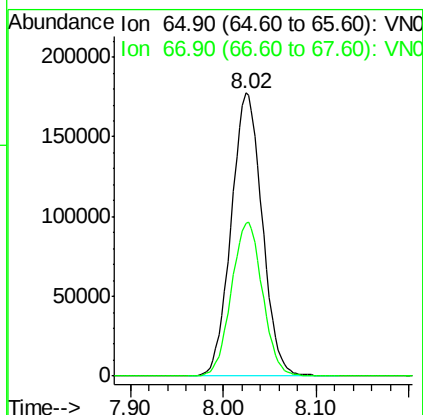
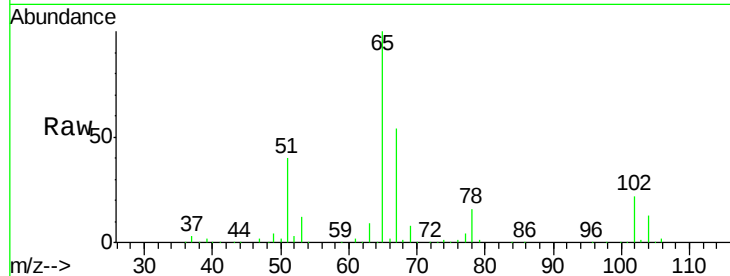




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053503.D
 Acq: 21 Jan 2019 13:37

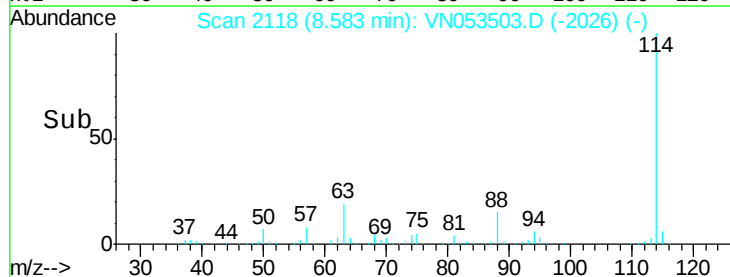
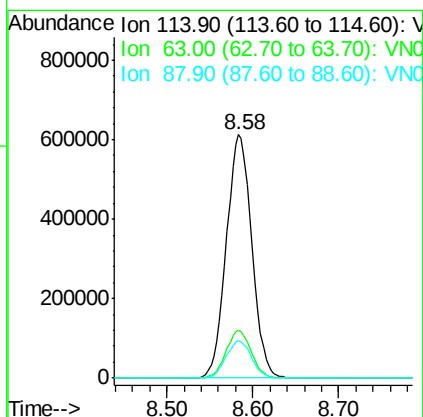
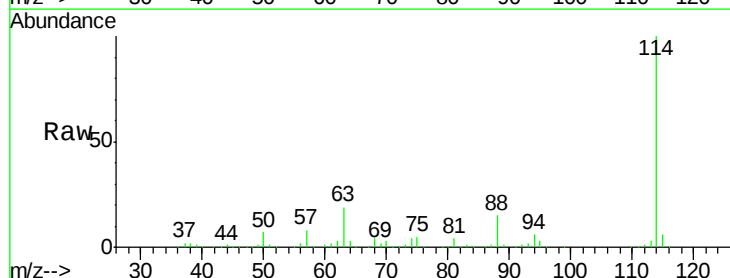
Instrument :
 MSVOA_N
 ClientSampleId :
 BV-COMP-1

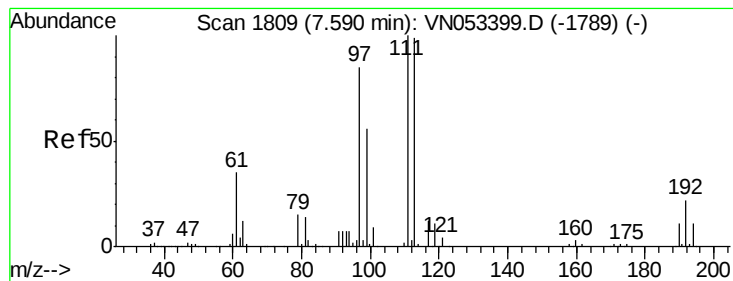
Tot Ion: 65 Resp: 411536
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053503.D
 Acq: 21 Jan 2019 13:37

Tgt Ion: 114 Resp: 1255882
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

BV-COMP-1

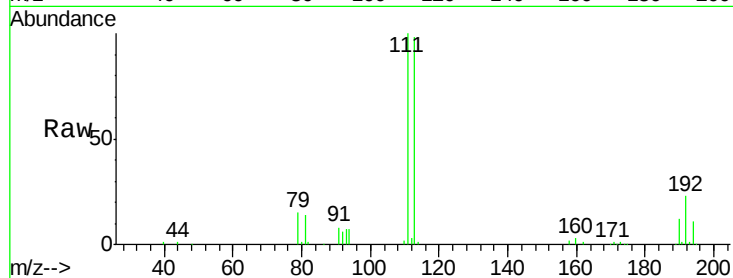
Tot Ion:113 Resp: 369854

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

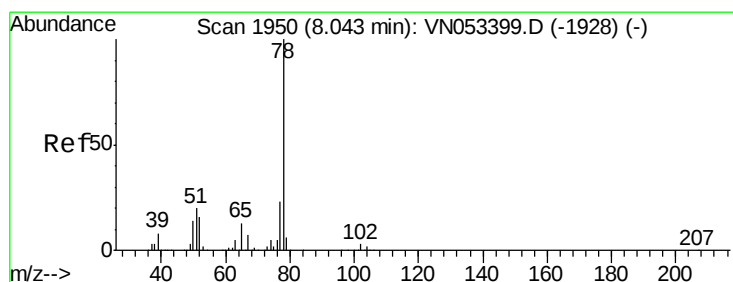
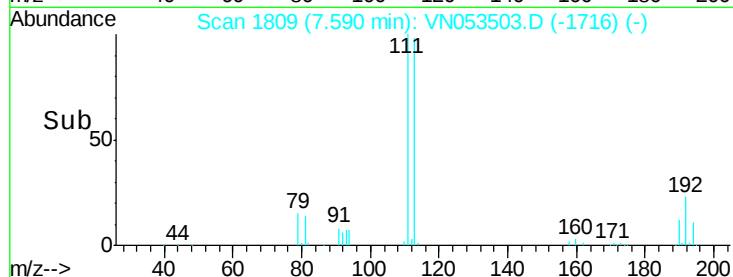
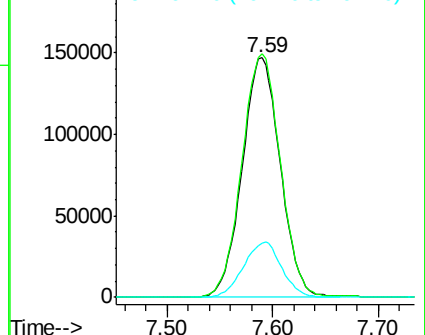
192 23.1 18.2 27.2



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: 3.423 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN053503.D

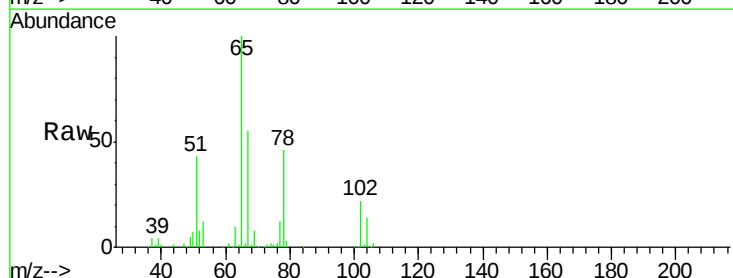
Acq: 21 Jan 2019 13:37

Tgt Ion: 78 Resp: 118978

Ion Ratio Lower Upper

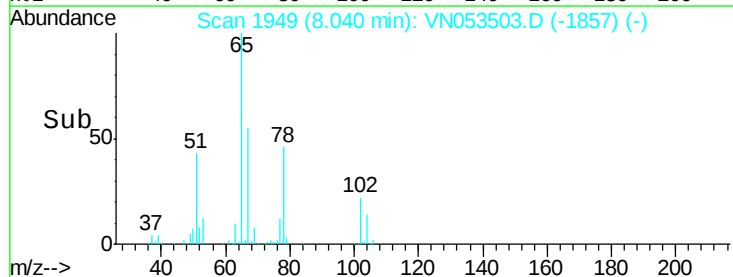
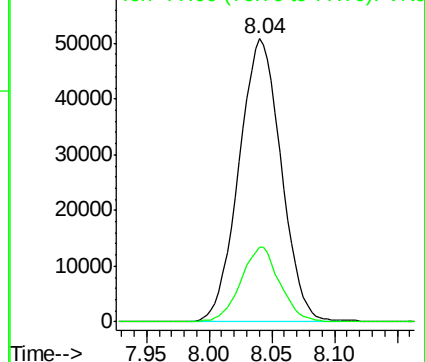
78 100

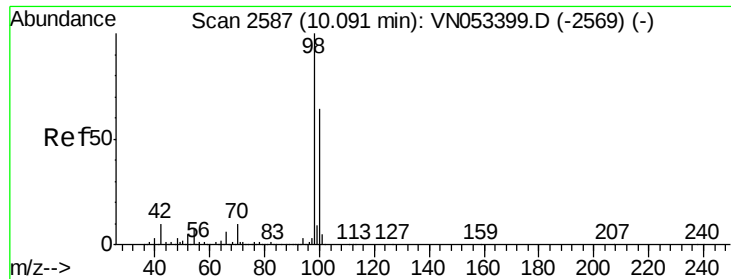
77 26.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

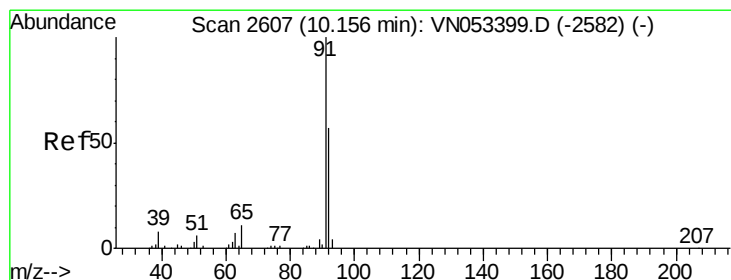
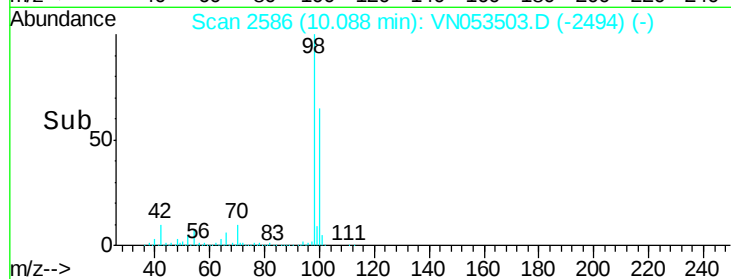
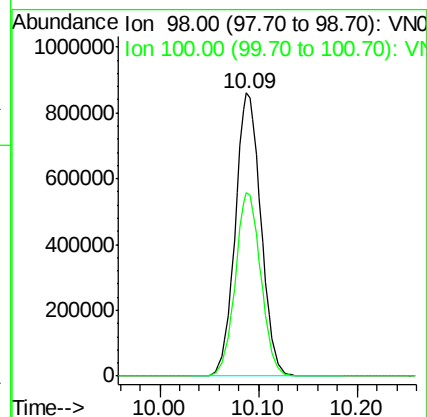
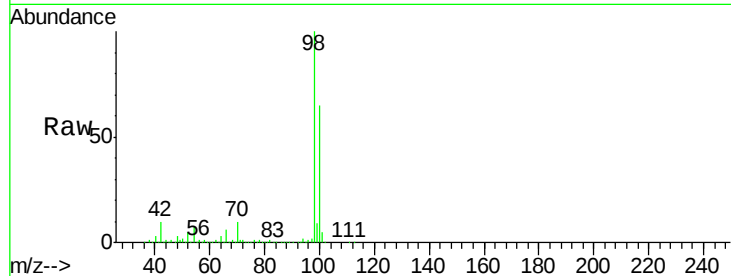
BV-COMP-1

Tot Ion: 98 Resp: 1551455

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



#52

Toluene

Concen: 2.754 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN053503.D

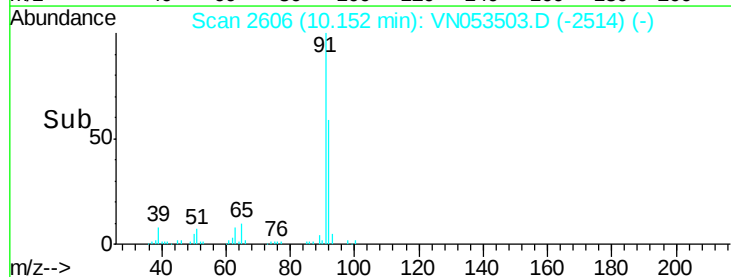
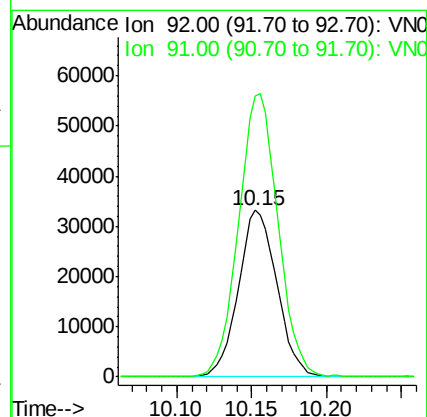
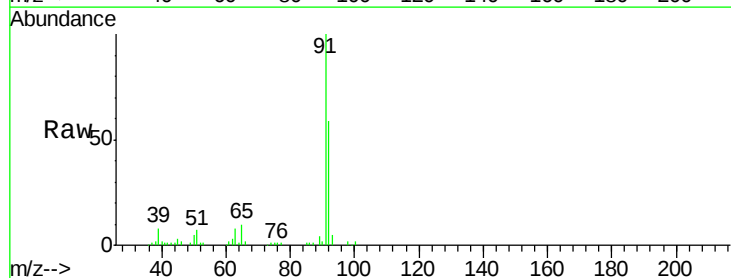
Acq: 21 Jan 2019 13:37

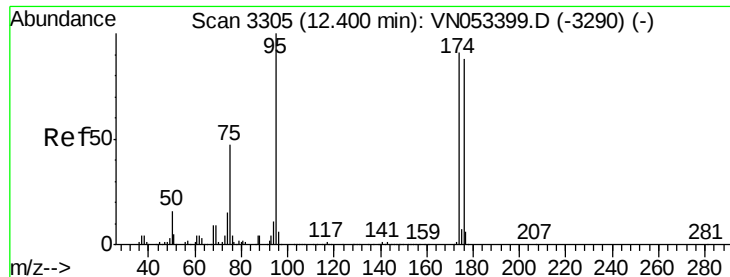
Tgt Ion: 92 Resp: 59426

Ion Ratio Lower Upper

92 100

91 174.1 139.9 209.9





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA_N

ClientSampled :

BV-COMP-1

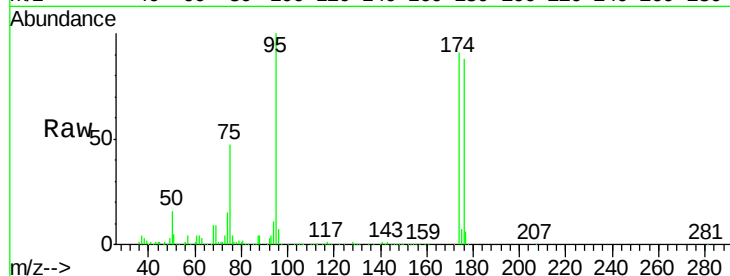
Tot Ion: 95 Resp: 548082

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.2

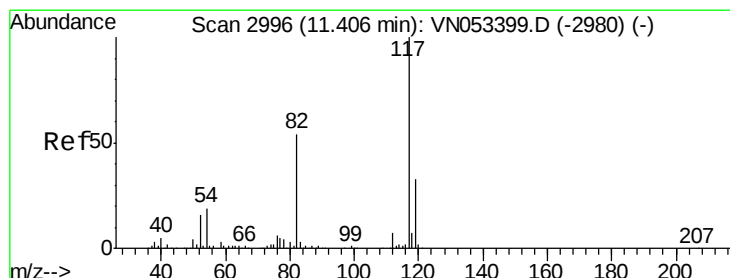
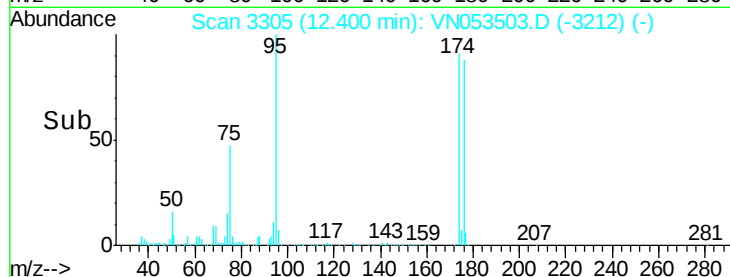
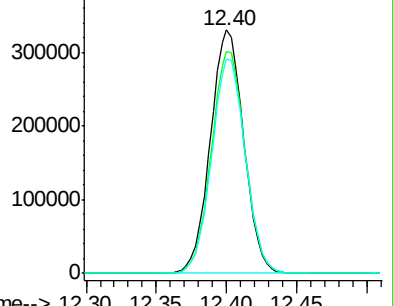
176 89.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

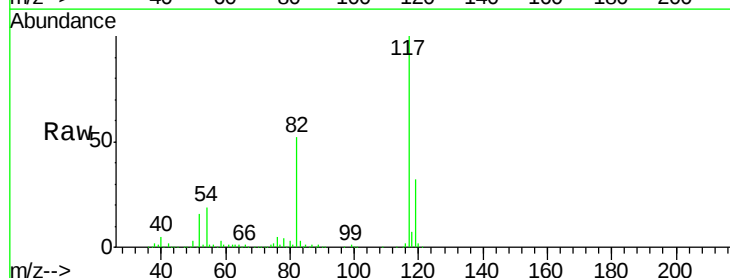
Tgt Ion: 117 Resp: 1192147

Ion Ratio Lower Upper

117 100

82 52.1 42.9 64.3

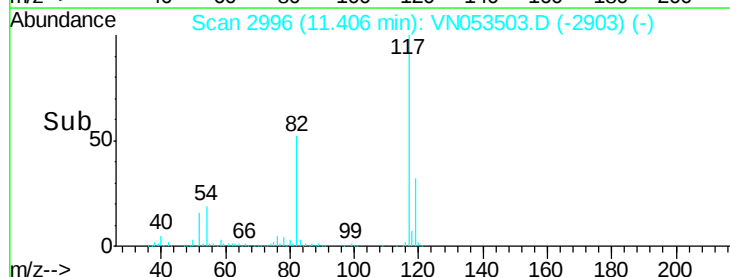
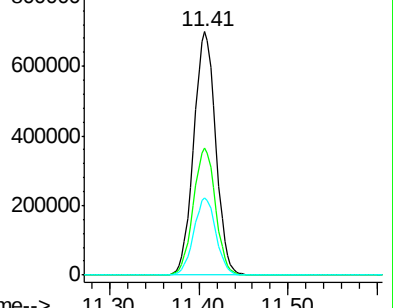
119 31.9 26.0 39.0

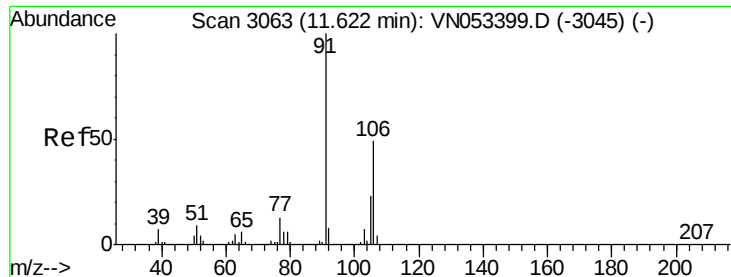


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

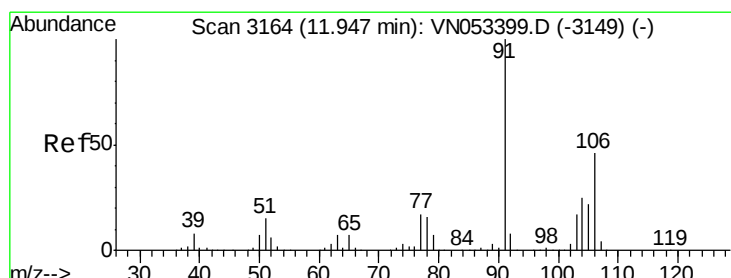
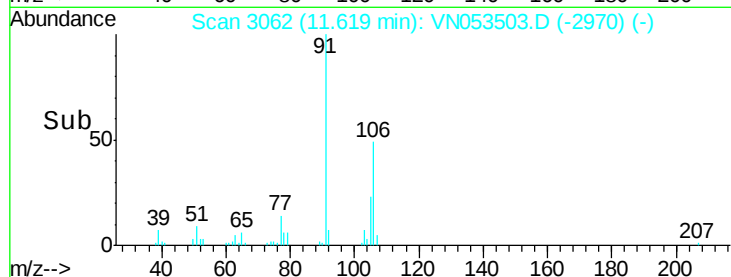
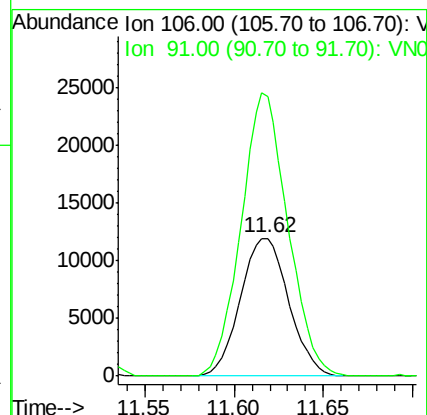
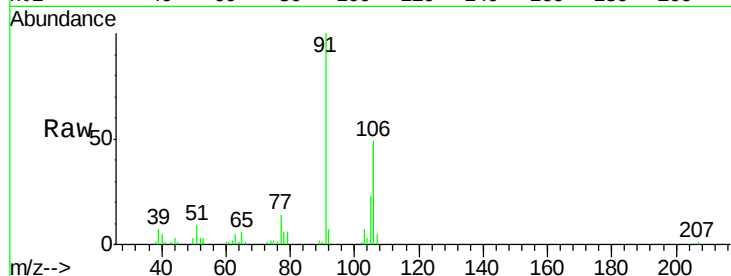




#68
m/p-Xylenes
Concen: 1.392 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053503.D
Acq: 21 Jan 2019 13:37

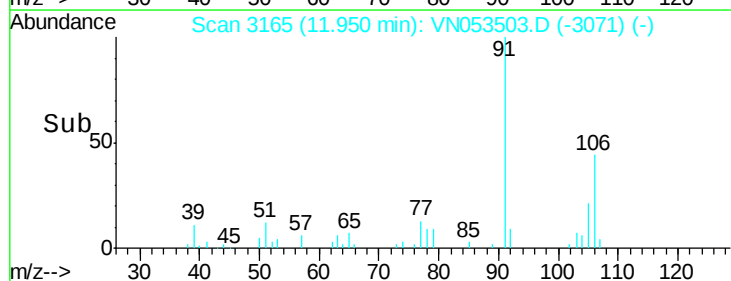
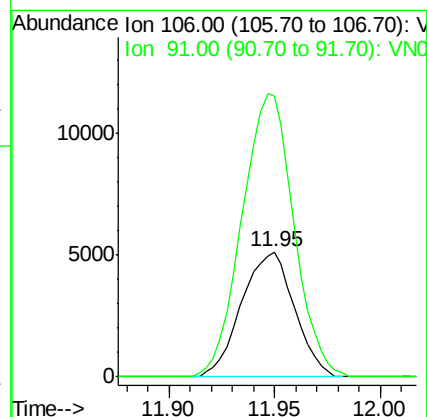
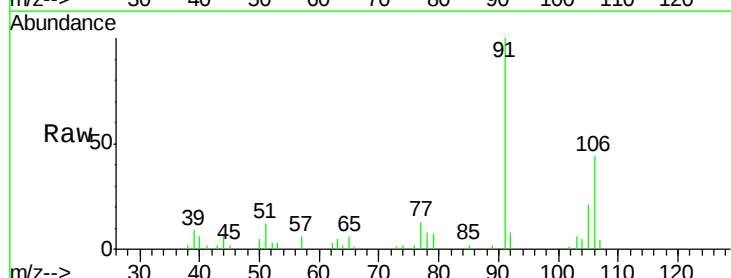
Instrument :
MSVOA_N
ClientSampled :
BV-COMP-1

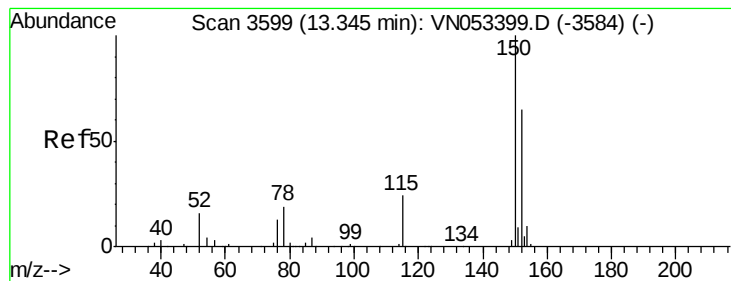
Tot Ion:106 Resp: 22599
Ion Ratio Lower Upper
106 100
91 198.1 161.4 242.2



#69
o-Xylene
Concen: 0.567 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053503.D
Acq: 21 Jan 2019 13:37

Tgt Ion:106 Resp: 8947
Ion Ratio Lower Upper
106 100
91 222.0 106.9 320.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

BV-COMP-1

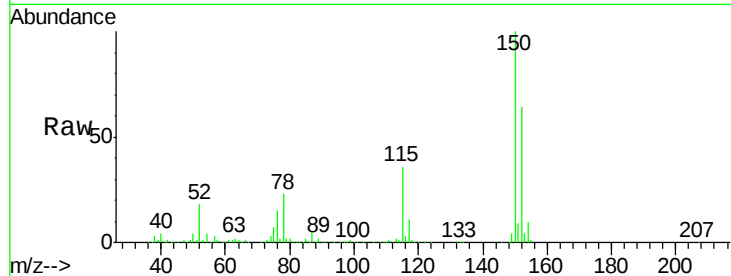
Tot Ion:152 Resp: 562022

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

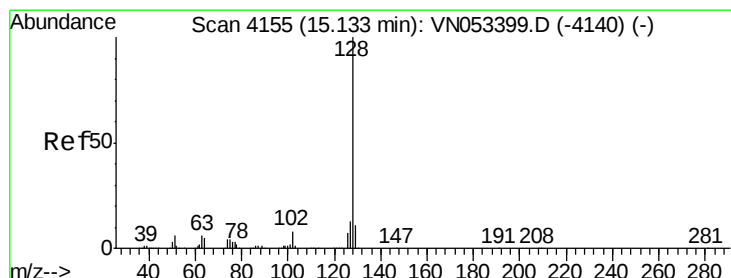
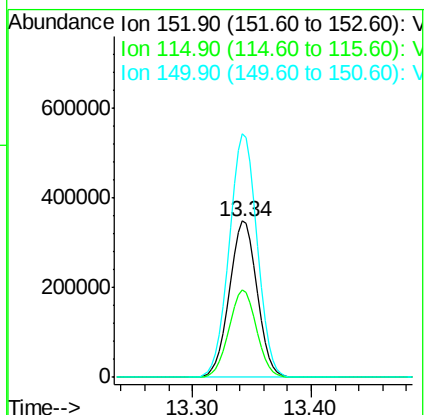
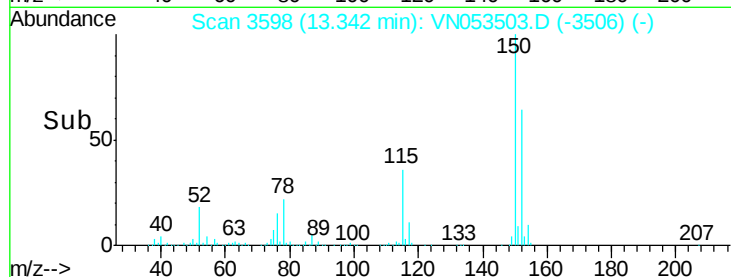
150 157.0 0.0 349.0



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



#95

Naphthalene

Concen: 4.891 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN053503.D

Acq: 21 Jan 2019 13:37

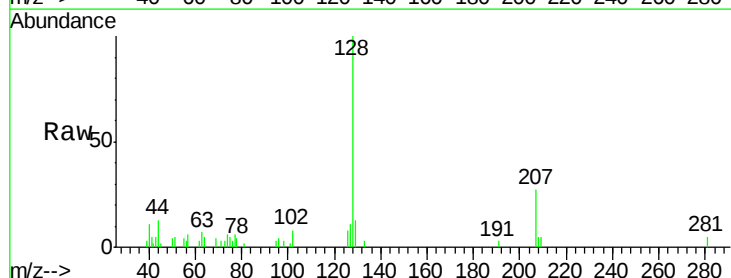
Tgt Ion:128 Resp: 14049

Ion Ratio Lower Upper

128 100

127 12.4 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

