

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053739.D
 Acq On : 12 Feb 2019 19:07
 Operator : JC/SP
 Sample : K1462-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

Quant Time: Feb 13 06:02:34 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	714894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1183149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1083644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	477654	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	378153	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	
35) Dibromofluoromethane	7.59	113	371273	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
50) Toluene-d8	10.09	98	1433421	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.40	95	500315	53.44	ug/l	0.00
Spiked Amount			Recovery	=	106.88%	

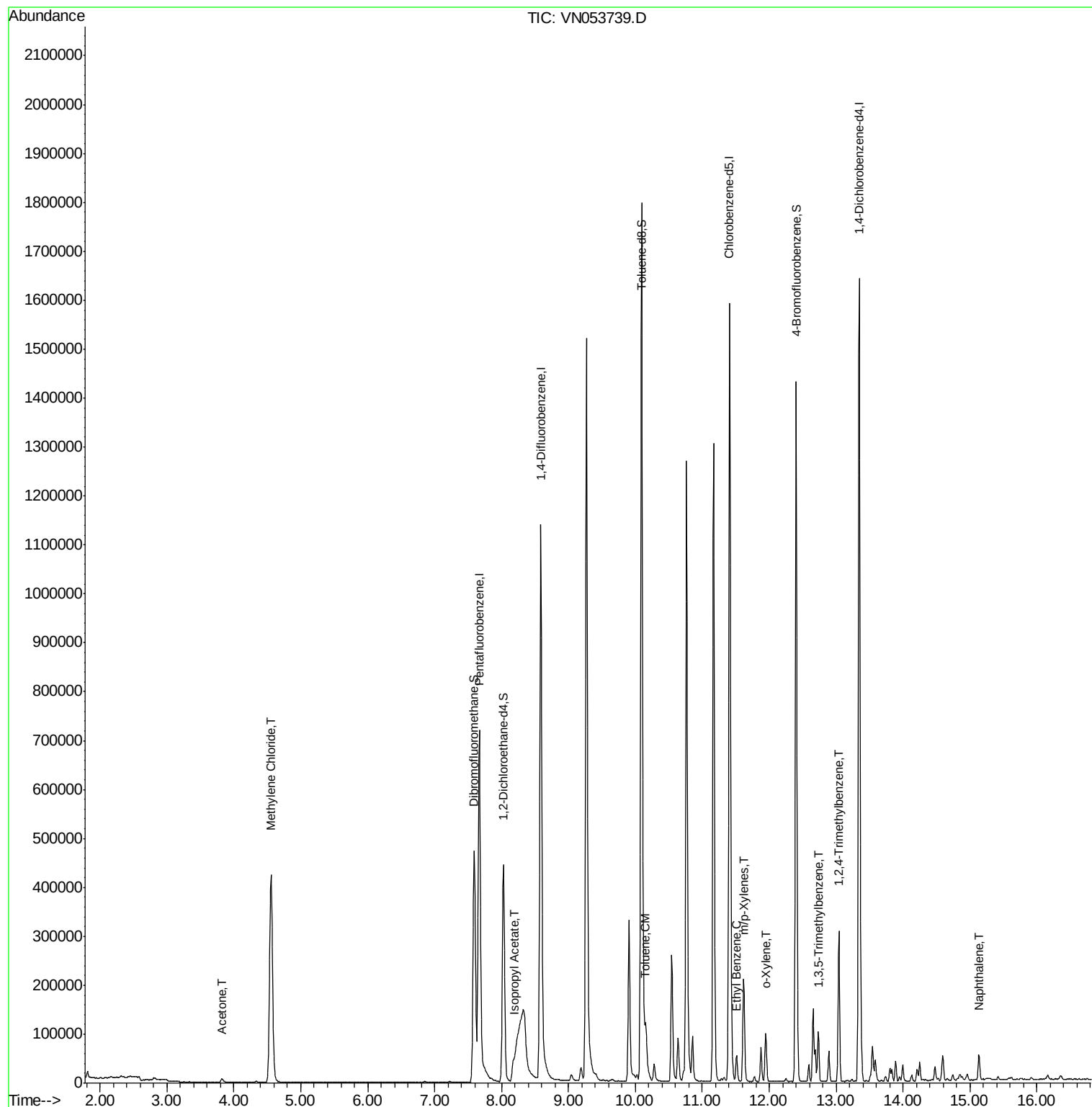
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	12656	6.880	ug/l	96
20) Methylene Chloride	4.55	84	339830	44.032	ug/l	97
43) Isopropyl Acetate	8.18	43	39176	3.406	ug/l #	78
52) Toluene	10.16	92	34463	1.766	ug/l	99
67) Ethyl Benzene	11.51	91	41722	1.103	ug/l	97
68) m/p-Xylenes	11.62	106	71861	4.980	ug/l	99
69) o-Xylene	11.95	106	30248	2.170	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	58799	2.112	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	184901	6.518	ug/l	99
95) Naphthalene	15.14	128	46441	3.873	ug/l	99

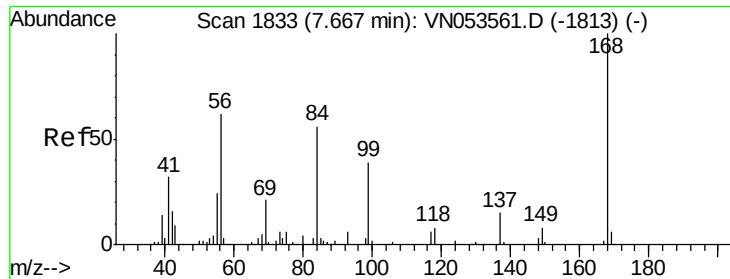
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021219\
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Quant Time: Feb 13 06:02:34 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: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

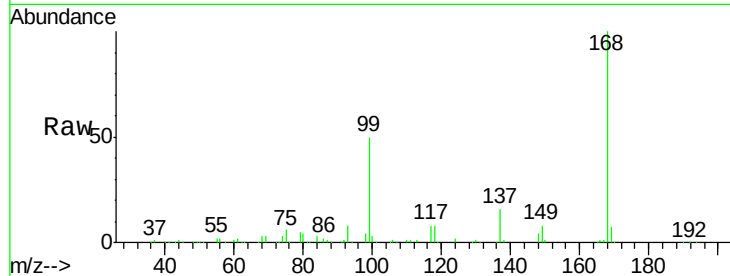
TP-2-S

Tot Ion:168 Resp: 714894

Ion Ratio Lower Upper

168 100

99 49.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

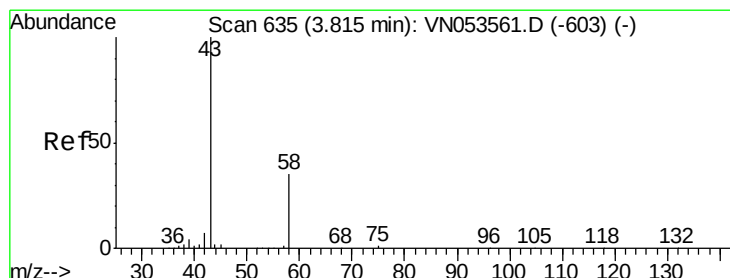
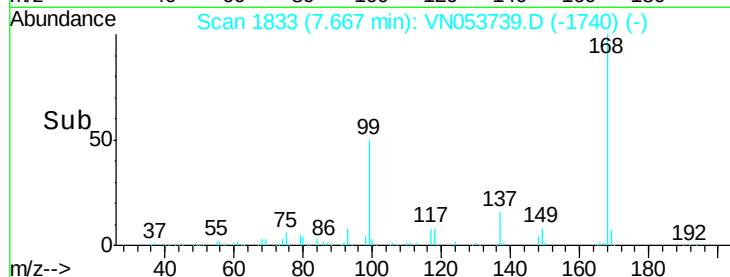
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 6.880 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053739.D

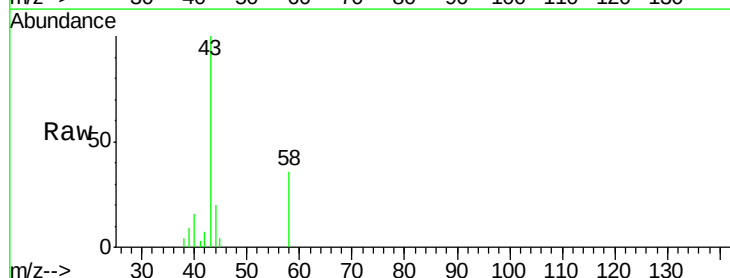
Acq: 12 Feb 2019 19:07

Tgt Ion: 43 Resp: 12656

Ion Ratio Lower Upper

43 100

58 36.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

5000

4000

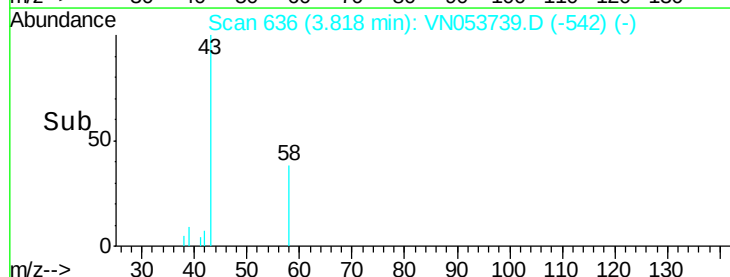
3000

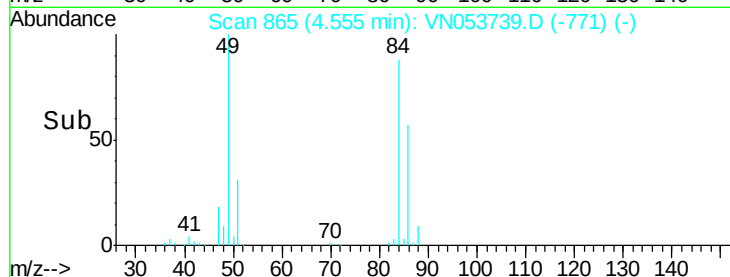
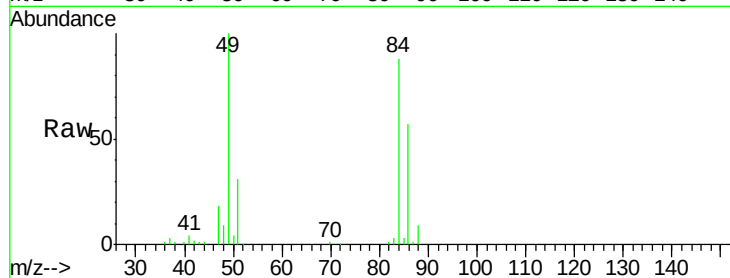
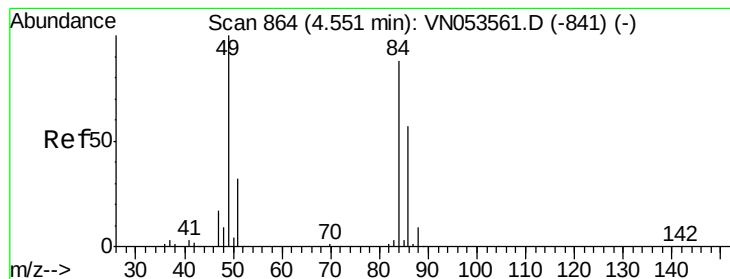
2000

1000

0

Time--> 3.70 3.80 3.90





#20

Methylene Chloride

Concen: 44.032 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

TP-2-S

Tot Ion: 84 Resp: 339830

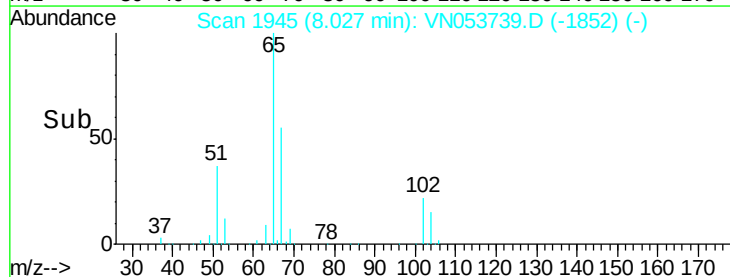
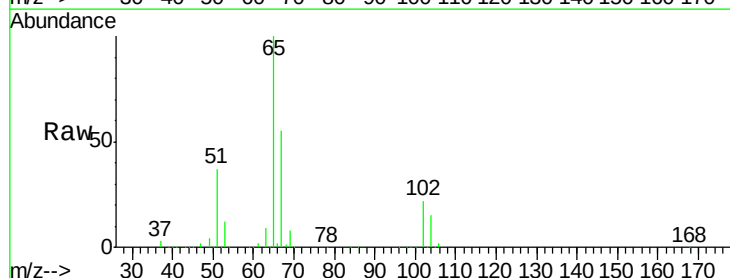
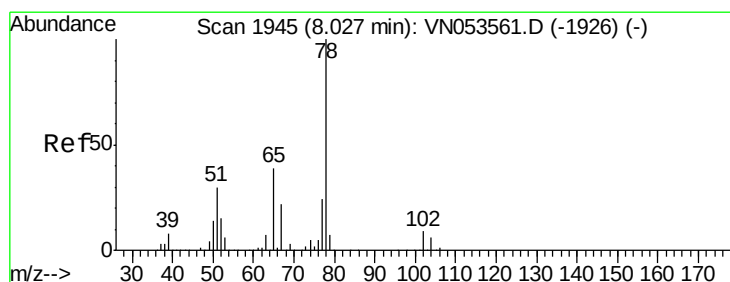
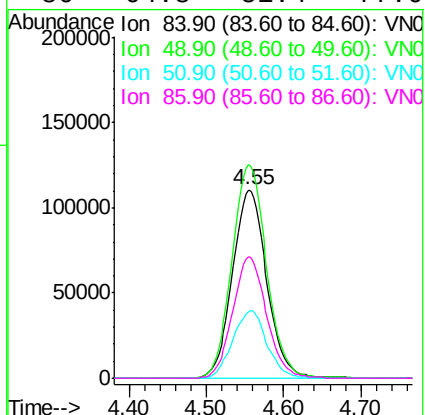
Ion Ratio Lower Upper

84 100

49 113.4 94.3 141.5

51 35.5 29.4 44.2

86 64.8 51.4 77.0



#33

1,2-Dichloroethane-d4

Concen: 52.728 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053739.D

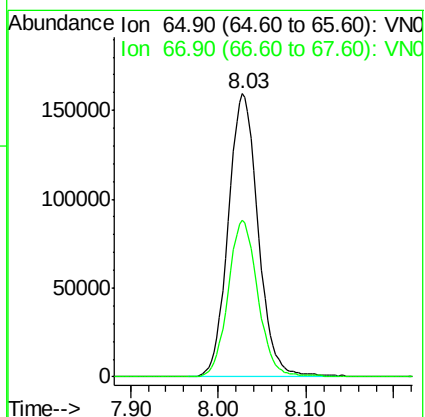
Acq: 12 Feb 2019 19:07

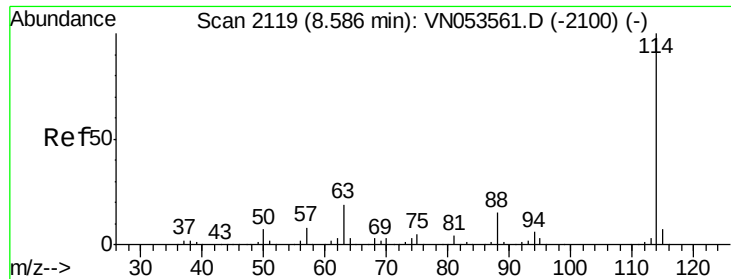
Tgt Ion: 65 Resp: 378153

Ion Ratio Lower Upper

65 100

67 55.3 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: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

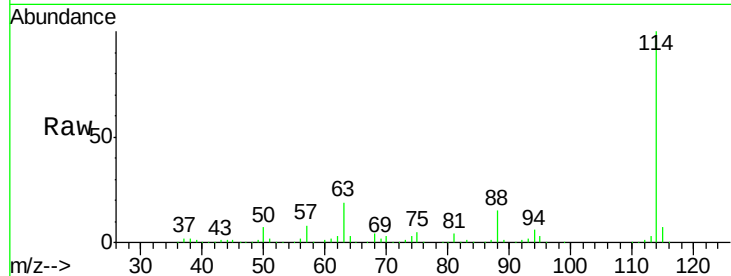
Tot Ion:114 Resp: 1183149

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

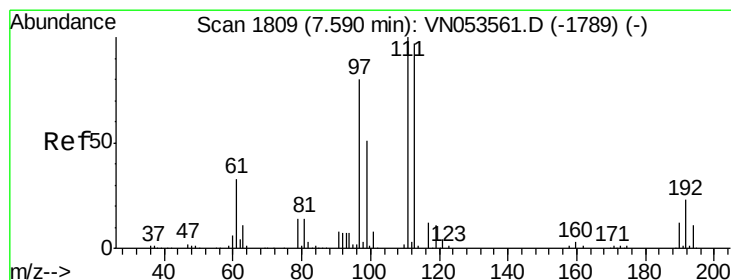
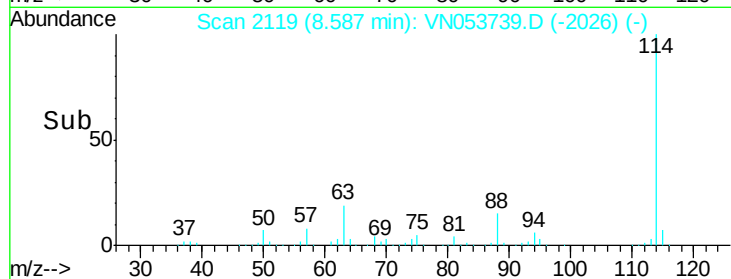
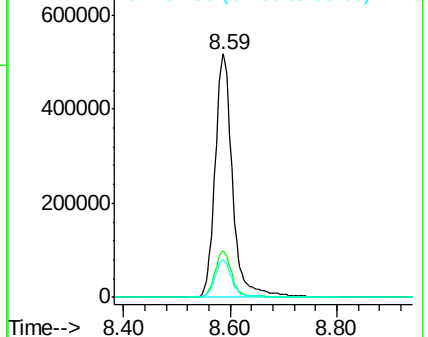
88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.662 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

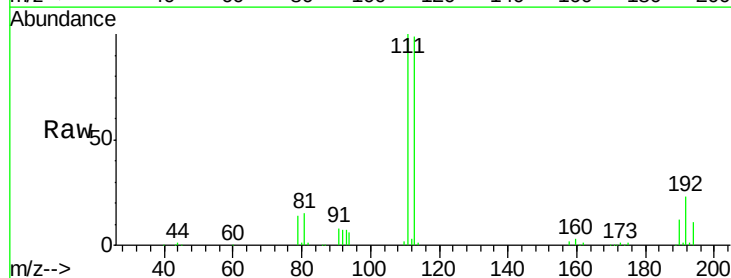
Tgt Ion:113 Resp: 371273

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

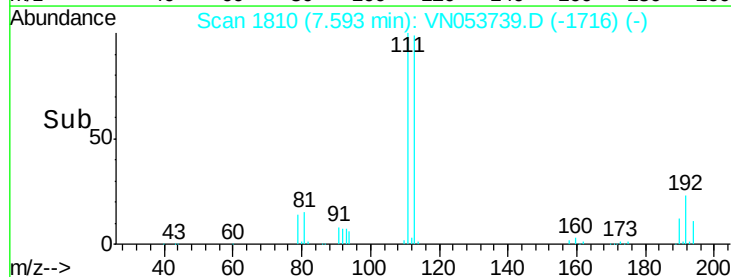
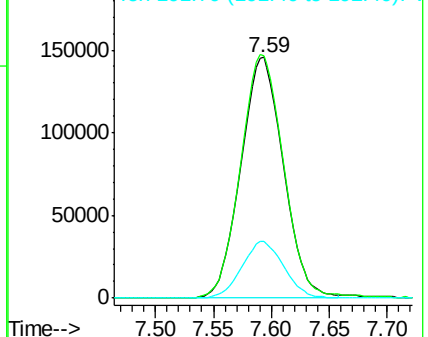
192 23.5 18.2 27.2

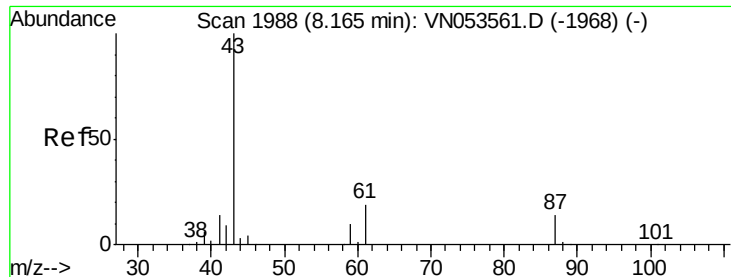


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.406 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

TP-2-S

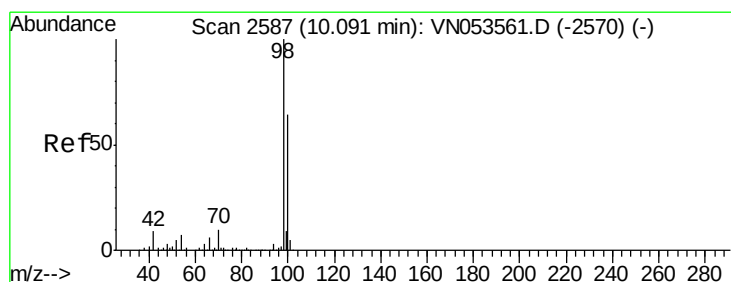
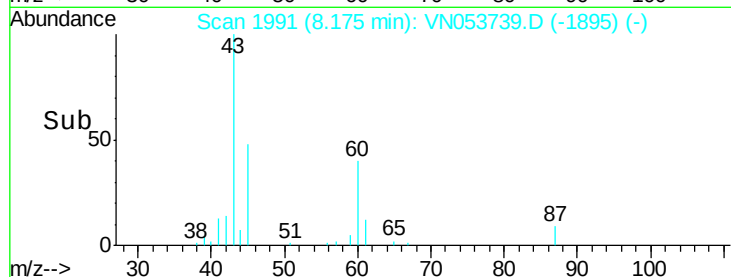
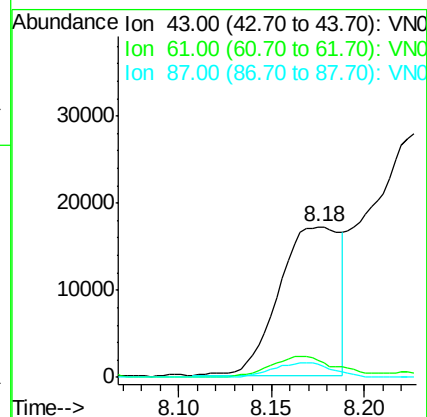
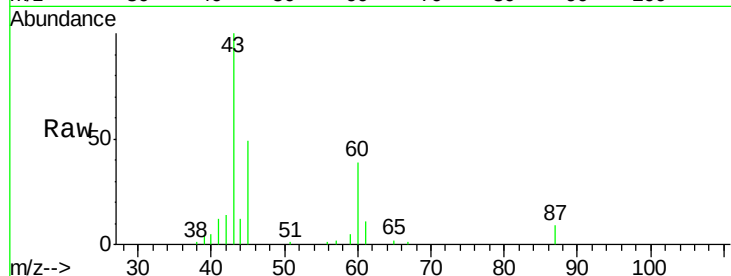
Tot Ion: 43 Resp: 39176

Ion Ratio Lower Upper

43 100

61 14.9 23.9 35.9#

87 9.4 11.0 16.6#



#50

Toluene-d8

Concen: 51.064 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053739.D

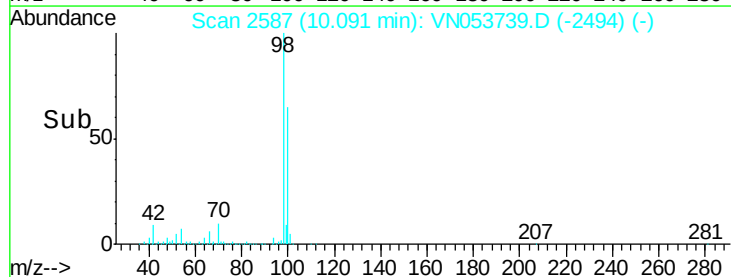
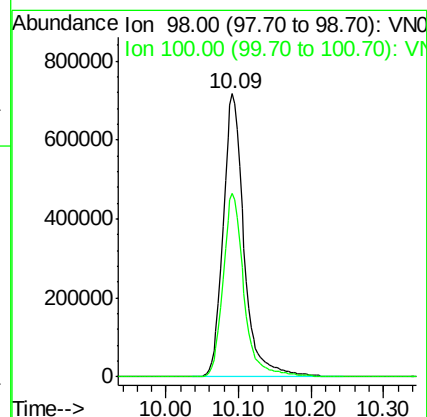
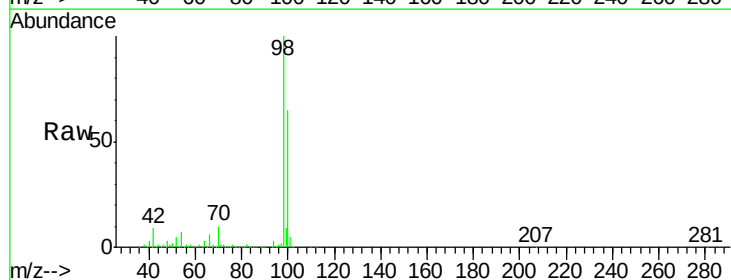
Acq: 12 Feb 2019 19:07

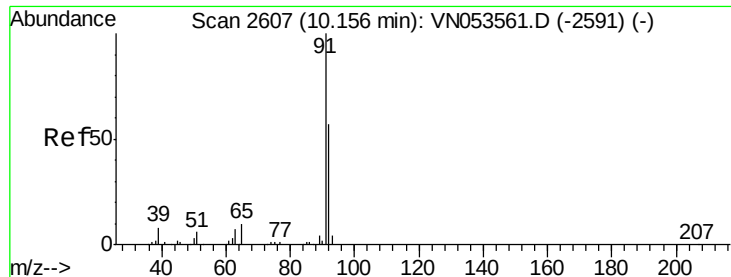
Tgt Ion: 98 Resp: 1433421

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0





#52

Toluene

Concen: 1.766 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

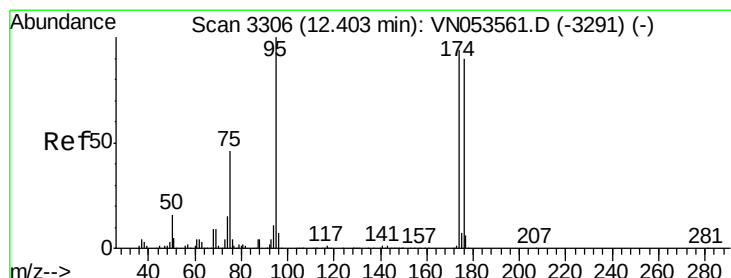
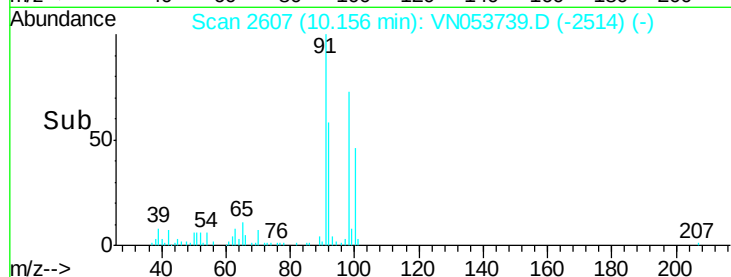
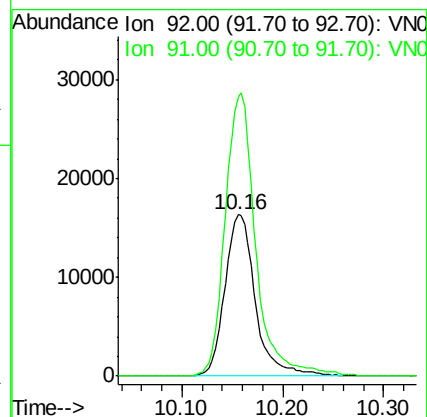
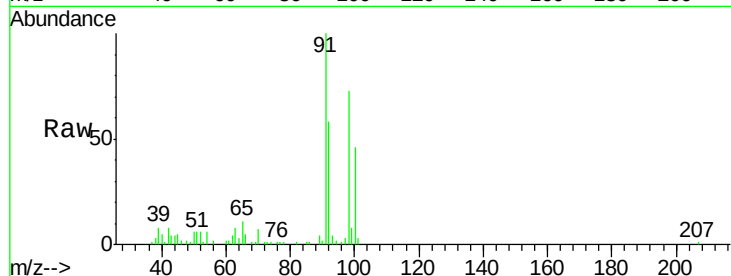
TP-2-S

Tot Ion: 92 Resp: 34463

Ion Ratio Lower Upper

92 100

91 176.7 139.9 209.9



#62

4-Bromofluorobenzene

Concen: 53.441 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

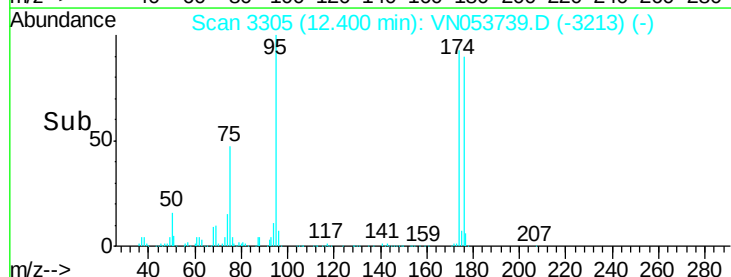
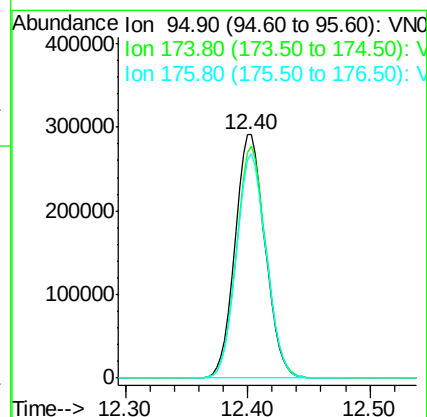
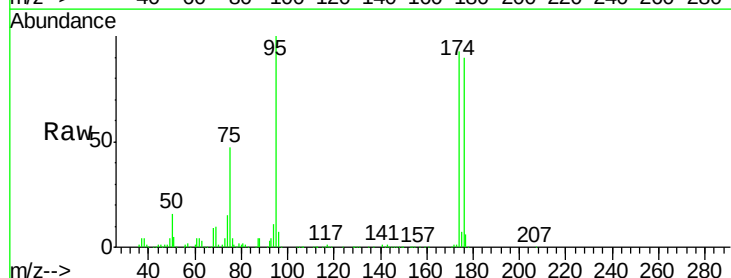
Tgt Ion: 95 Resp: 500315

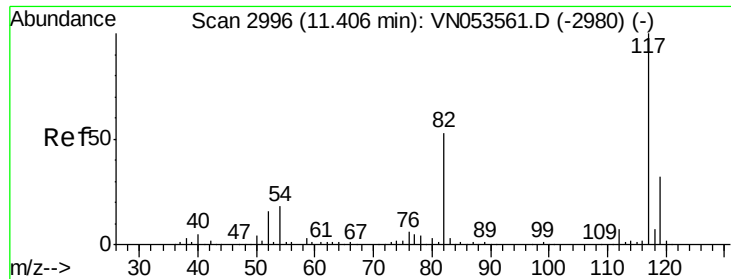
Ion Ratio Lower Upper

95 100

174 94.2 0.0 183.2

176 91.1 0.0 177.4

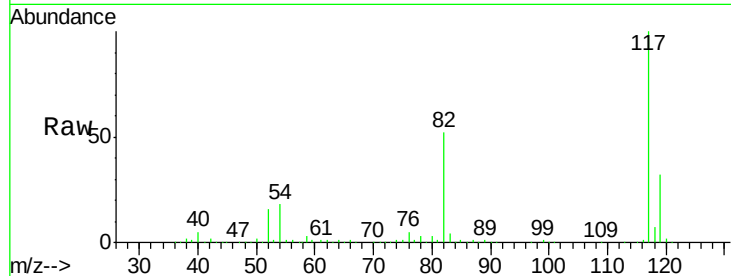




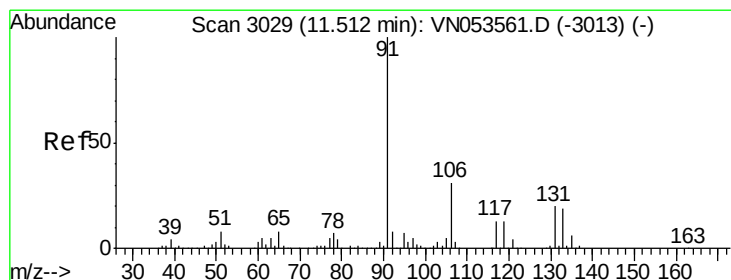
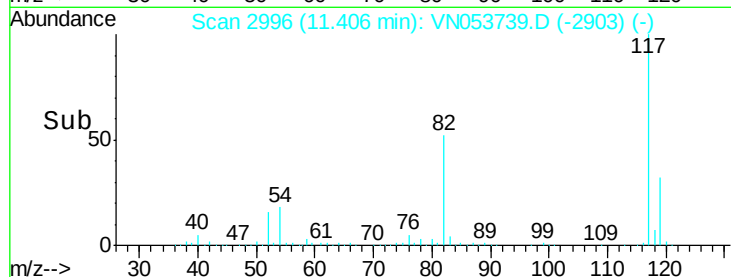
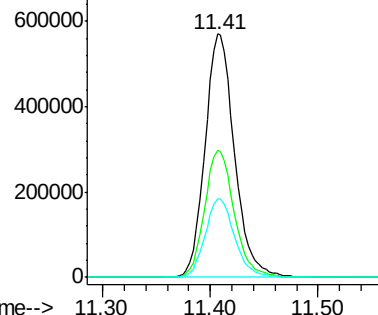
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

Instrument :
MSVOA_N
ClientSampled :
TP-2-S

Tot Ion:117 Resp: 1083644
Ion Ratio Lower Upper
117 100
82 52.3 42.9 64.3
119 32.3 26.0 39.0

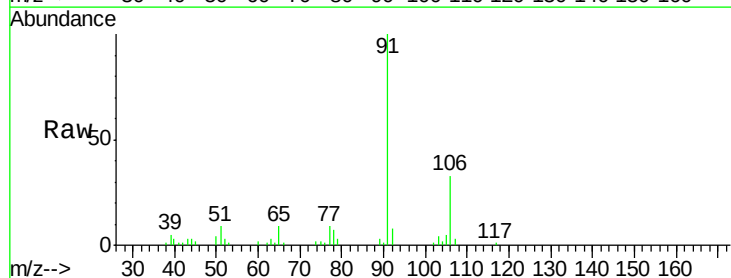


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 118.90 (118.60 to 119.60): V

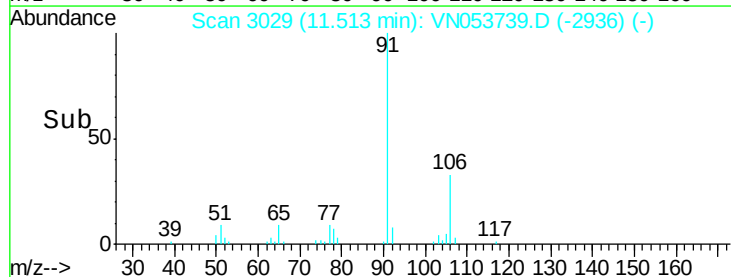
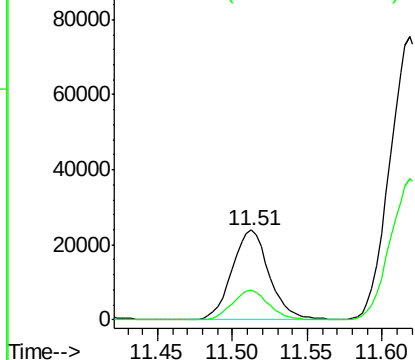


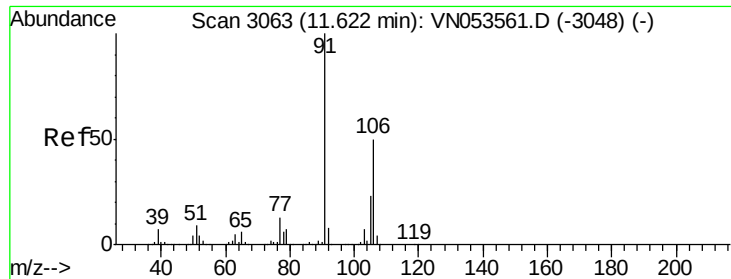
#67
Ethyl Benzene
Concen: 1.103 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

Tgt Ion: 91 Resp: 41722
Ion Ratio Lower Upper
91 100
106 32.9 25.0 37.6



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

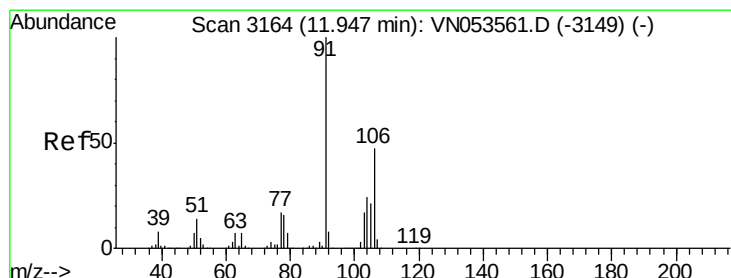
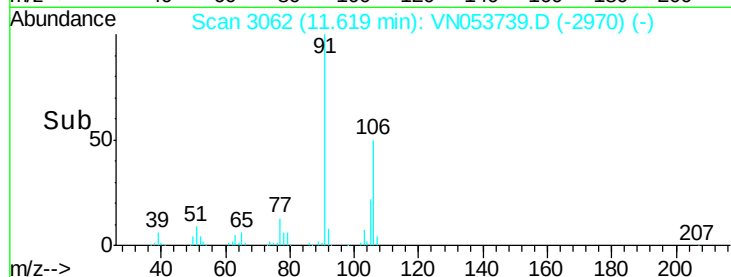
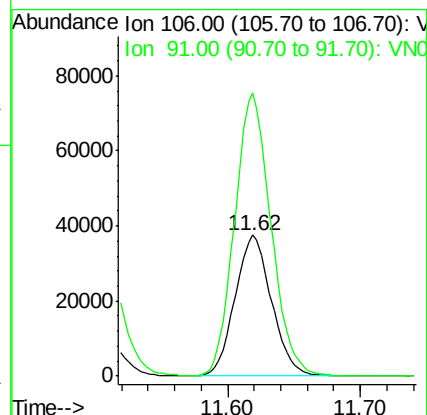
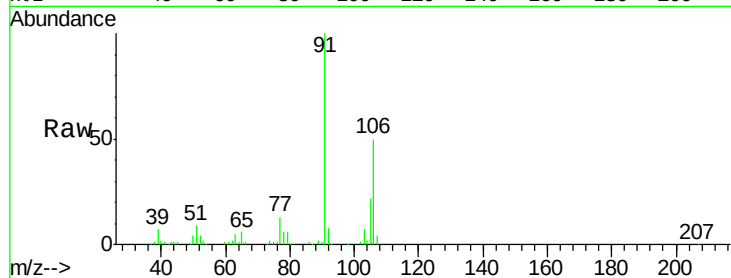




#68
m/p-Xylenes
Concen: 4.980 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

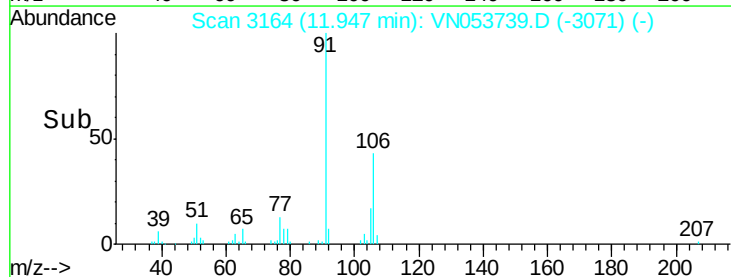
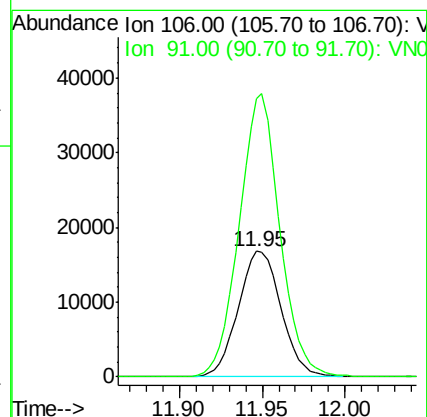
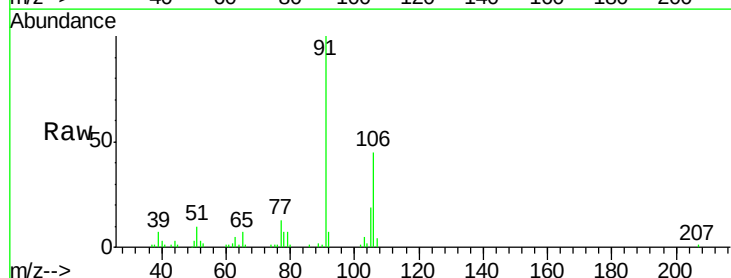
Instrument :
MSVOA_N
ClientSampleId :
TP-2-S

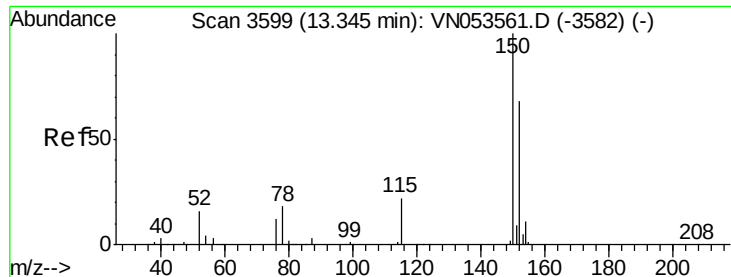
Tot Ion:106 Resp: 71861
Ion Ratio Lower Upper
106 100
91 200.2 161.4 242.2



#69
o-Xylene
Concen: 2.170 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

Tgt Ion:106 Resp: 30248
Ion Ratio Lower Upper
106 100
91 213.2 106.9 320.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

TP-2-S

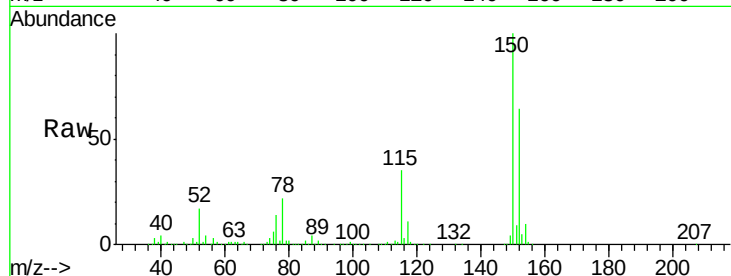
Tot Ion:152 Resp: 477654

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

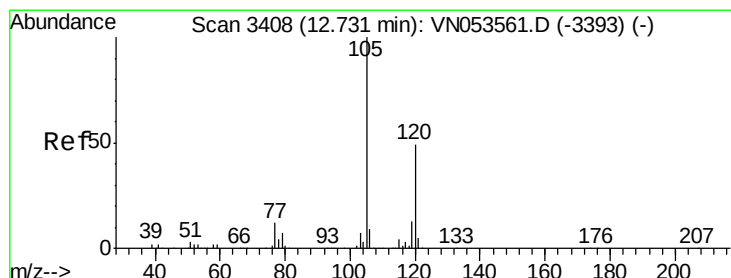
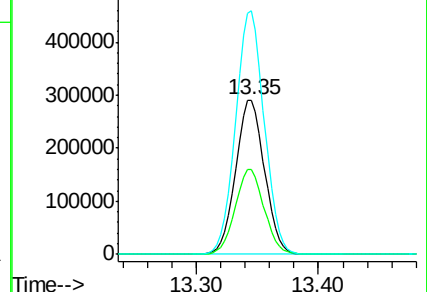
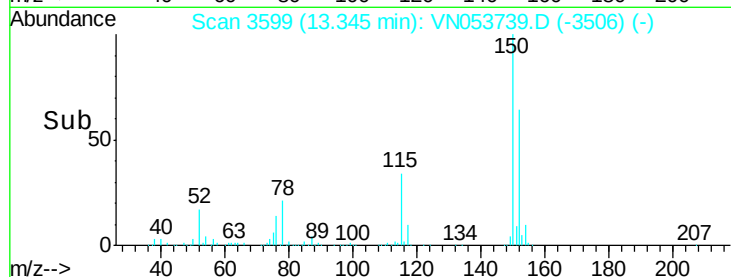
150 156.8 0.0 349.0



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



#80

1,3,5-Trimethylbenzene

Concen: 2.112 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053739.D

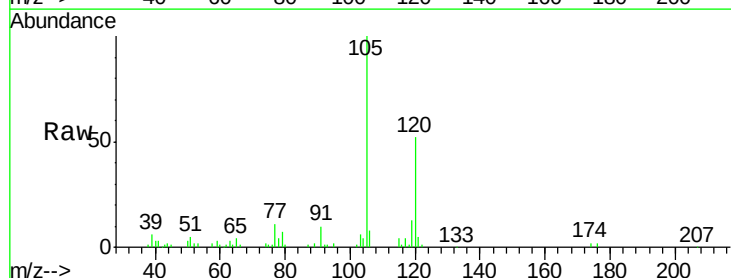
Acq: 12 Feb 2019 19:07

Tgt Ion:105 Resp: 58799

Ion Ratio Lower Upper

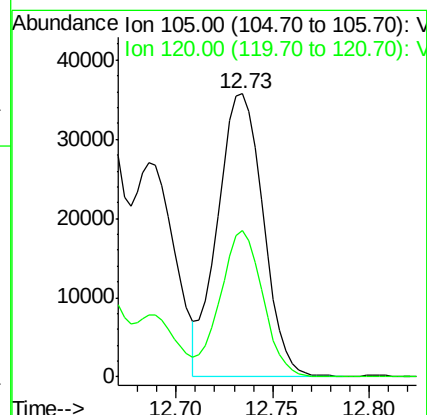
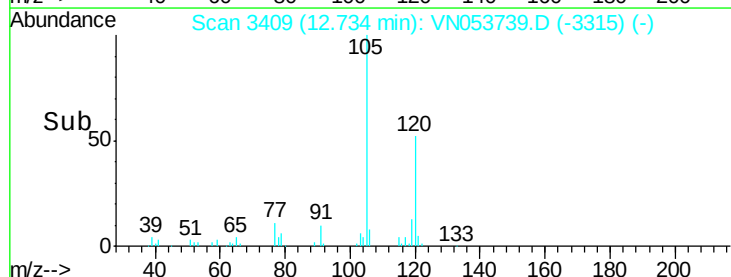
105 100

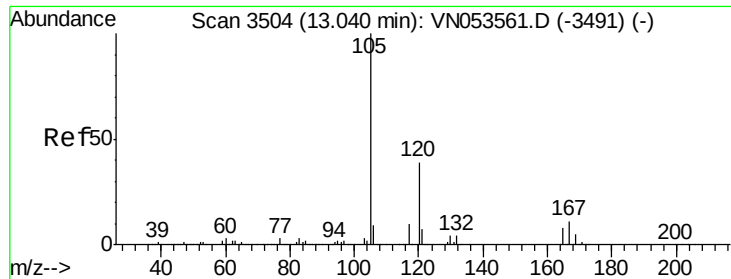
120 48.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 6.518 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

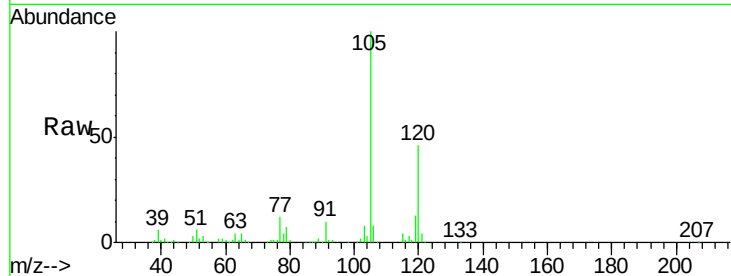
TP-2-S

Tot Ion:105 Resp: 184901

Ion Ratio Lower Upper

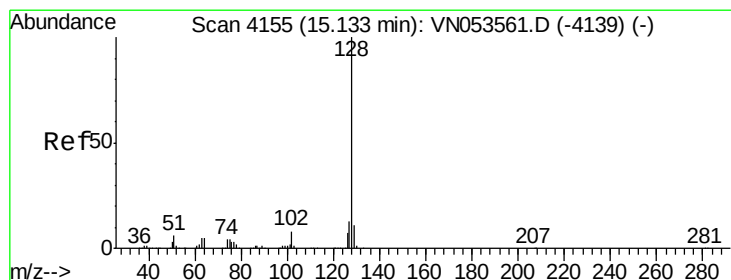
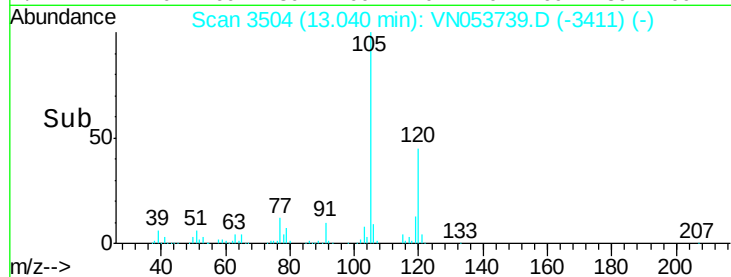
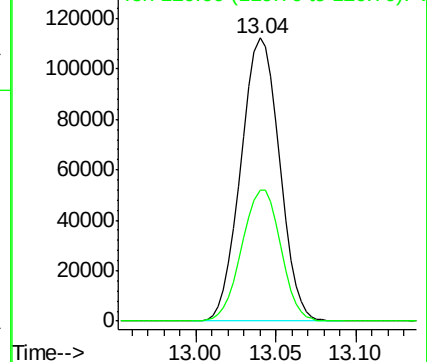
105 100

120 46.6 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: 3.873 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

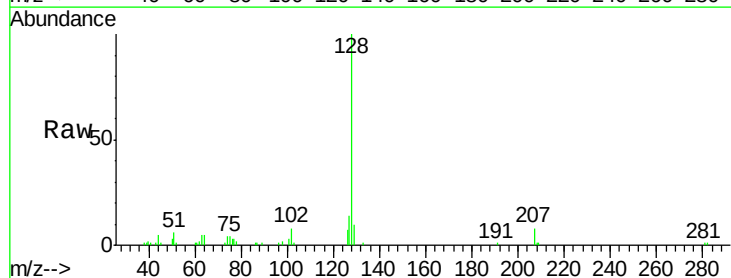
Tgt Ion:128 Resp: 46441

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.2 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

