

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN059994.D
 Acq On : 4 Feb 2020 15:10
 Operator : JC/MD
 Sample : L1363-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-020320

Quant Time: Feb 05 02:31:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

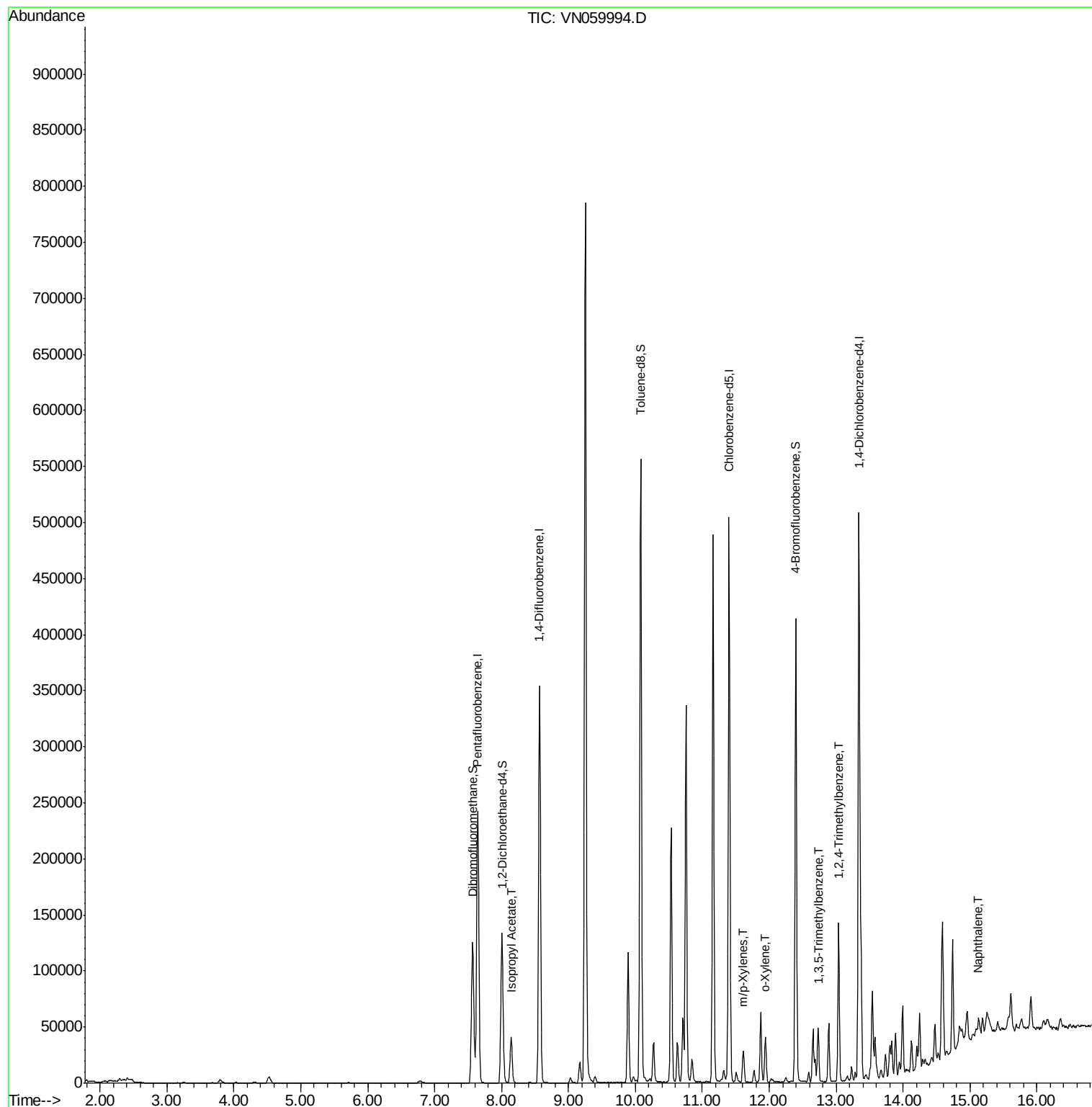
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140004	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	117225	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
35) Dibromofluoromethane	7.57	113	96955	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.08	98	381247	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.40	95	137459	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	47332	10.454	ug/l #	91
68) m/p-Xylenes	11.61	106	9022	2.264	ug/l	96
69) o-Xylene	11.94	106	11455	2.937	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	26828	3.107	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	79639	9.322	ug/l	99
95) Naphthalene	15.13	128	13354	1.750	ug/l	97

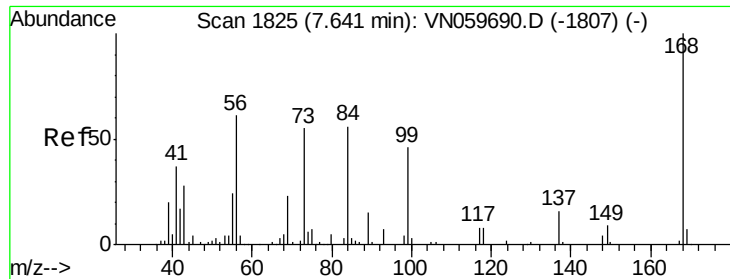
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

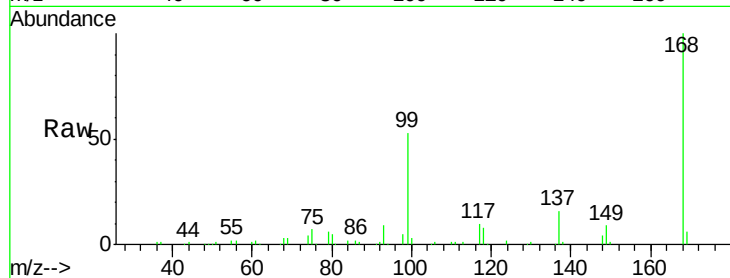
HR-06-020320

Tot Ion:168 Resp: 206895

Ion Ratio Lower Upper

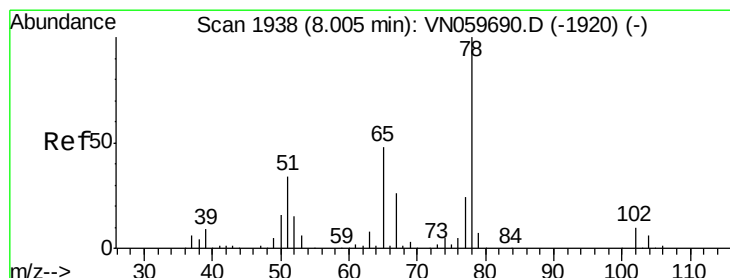
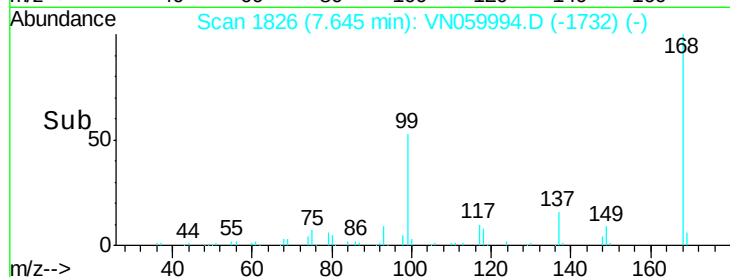
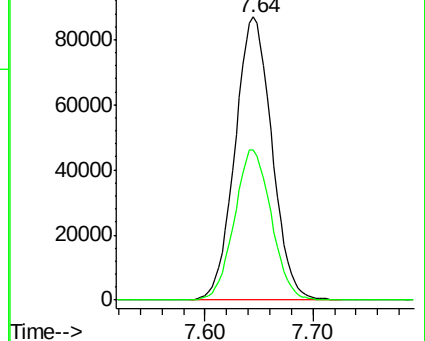
168 100

99 52.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 51.020 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059994.D

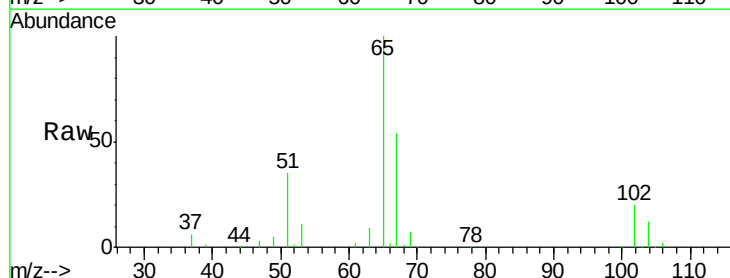
Acq: 4 Feb 2020 15:10

Tgt Ion: 65 Resp: 117225

Ion Ratio Lower Upper

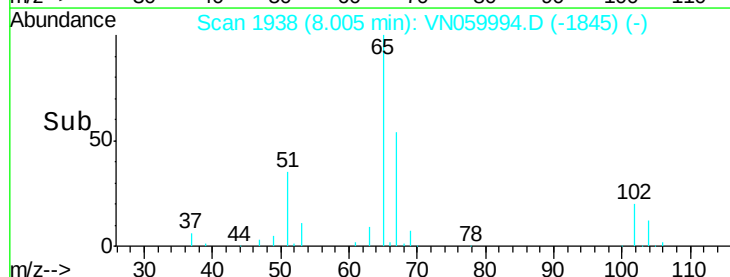
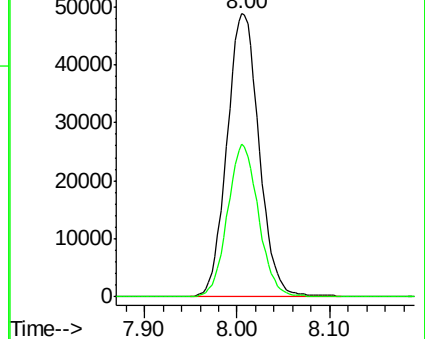
65 100

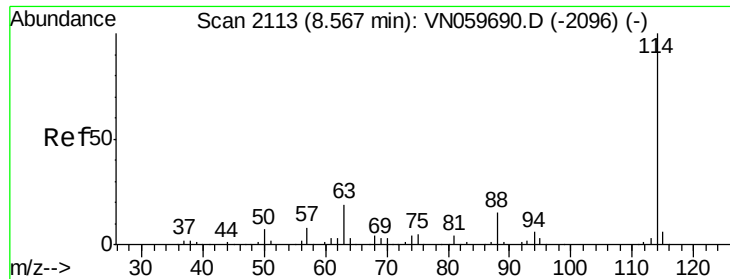
67 51.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

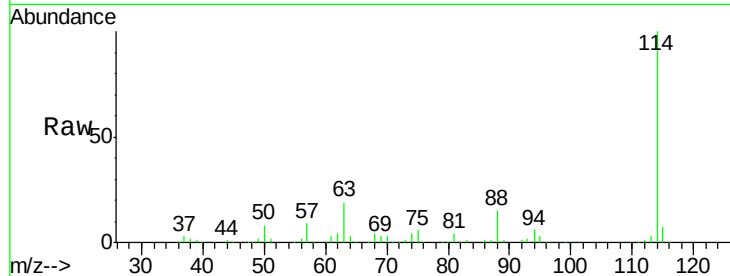




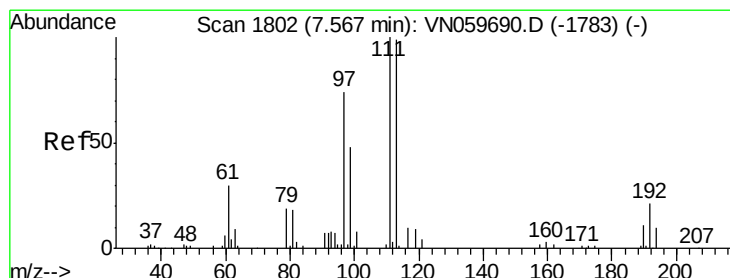
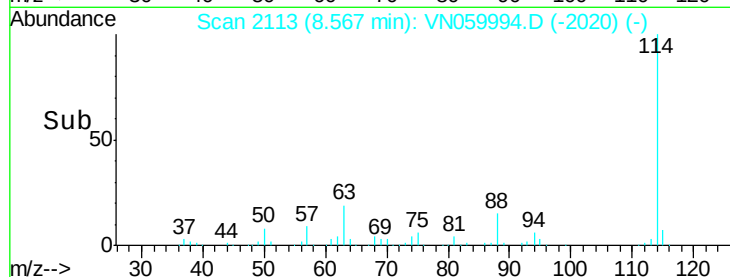
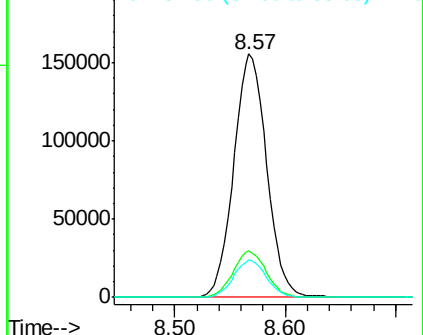
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
HR-06-020320

Tot Ion:114 Resp: 322293
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.6
88 15.3 0.0 31.4

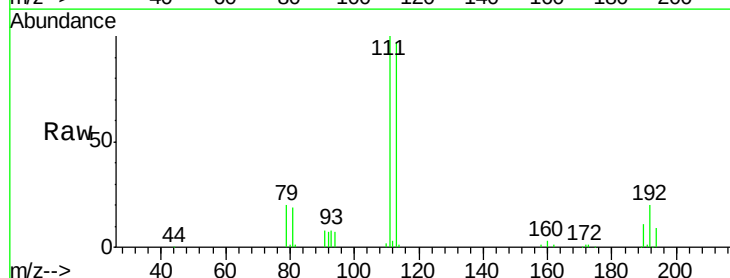


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

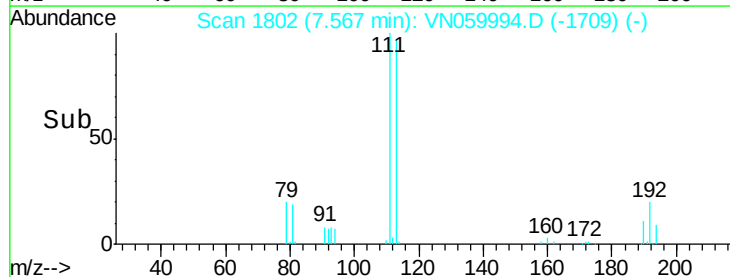
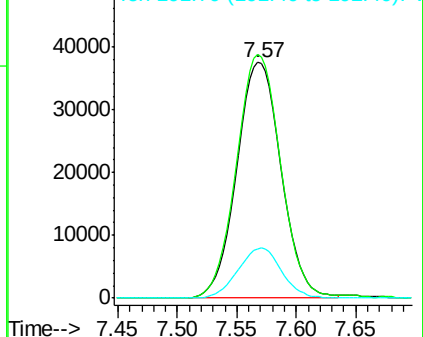


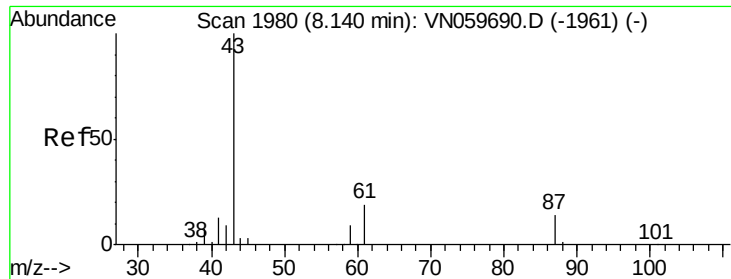
#35
Dibromofluoromethane
Concen: 50.446 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

Tgt Ion:113 Resp: 96955
Ion Ratio Lower Upper
113 100
111 102.7 83.5 125.3
192 20.8 15.4 23.2



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: 10.454 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

Instrument :

MSVOA_N

ClientSampled :

HR-06-020320

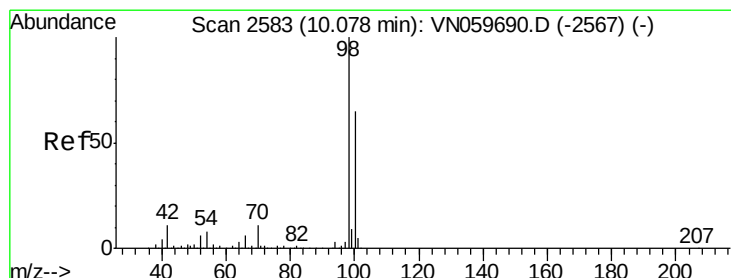
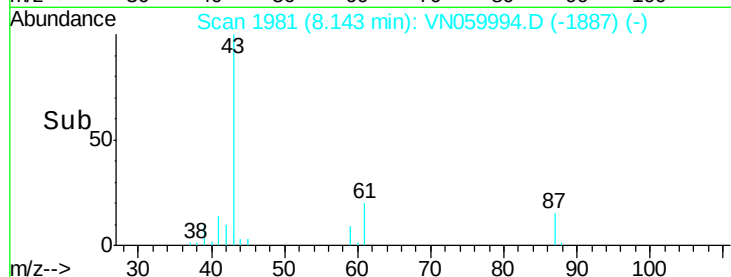
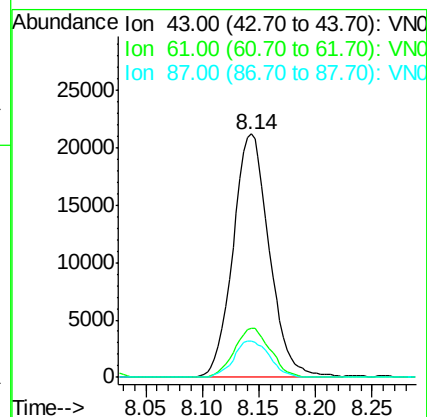
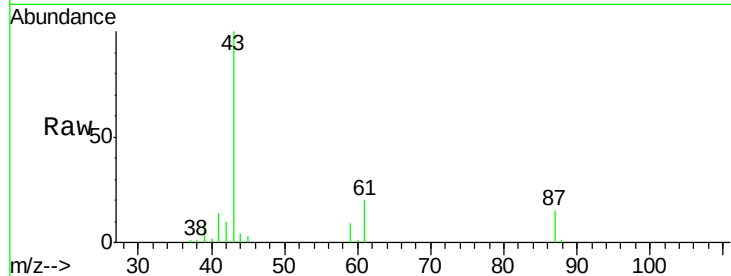
Tot Ion: 43 Resp: 47332

Ion Ratio Lower Upper

43 100

61 20.0 20.2 30.2#

87 14.7 9.5 14.3#



#50

Toluene-d8

Concen: 51.197 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059994.D

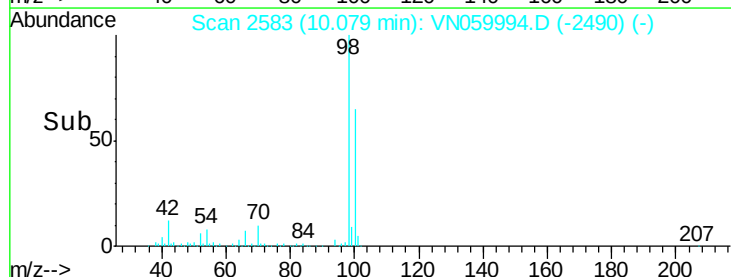
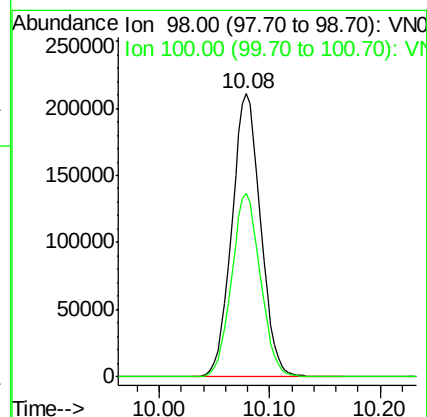
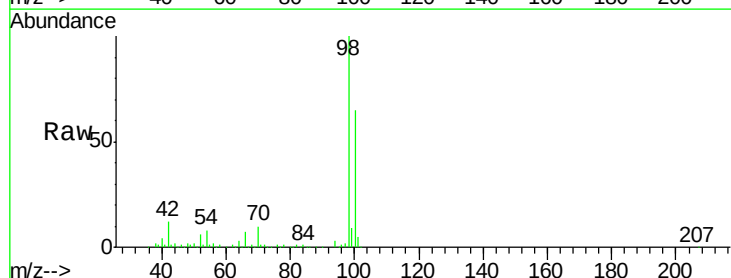
Acq: 4 Feb 2020 15:10

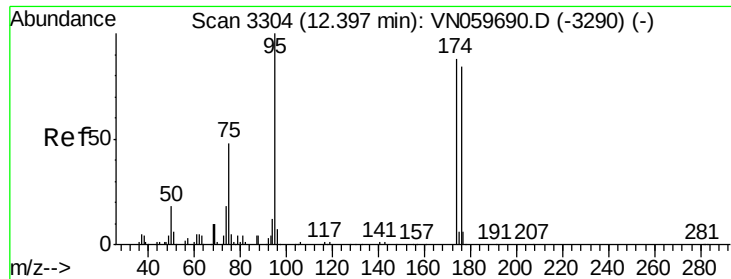
Tgt Ion: 98 Resp: 381247

Ion Ratio Lower Upper

98 100

100 64.9 51.2 76.8

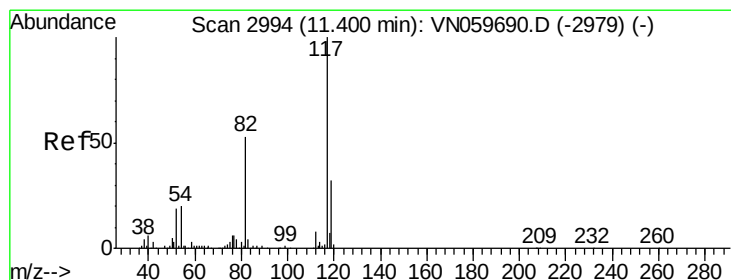
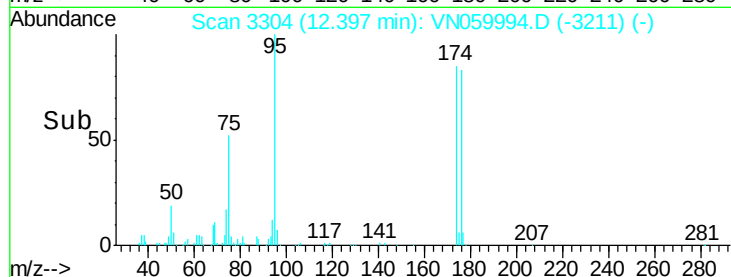
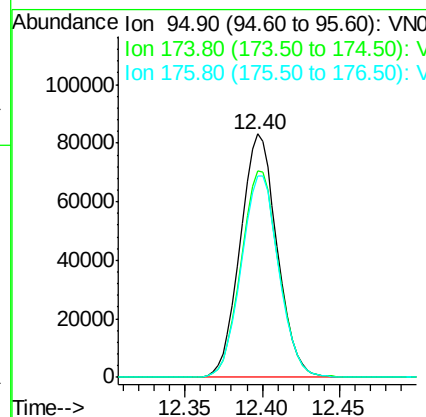
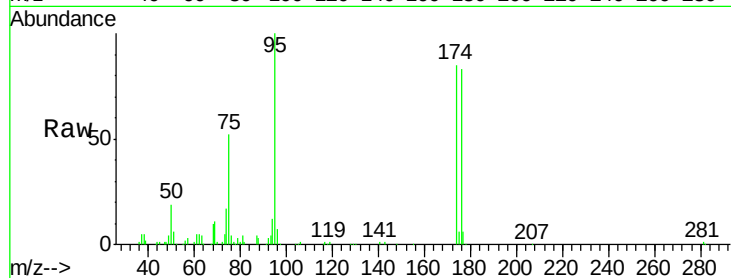




#62
4-Bromofluorobenzene
Concen: 51.204 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

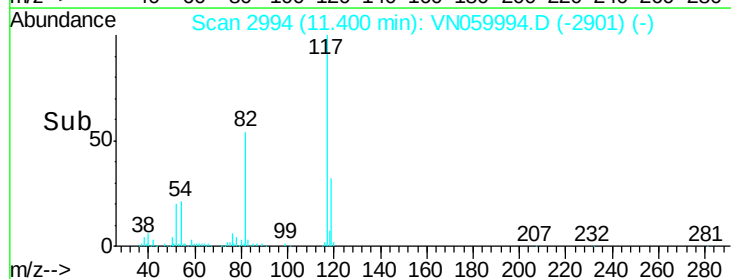
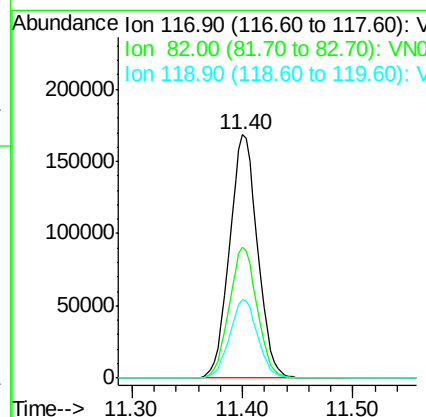
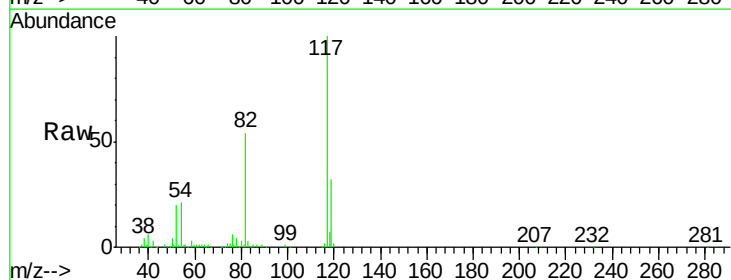
Instrument :
MSVOA_N
ClientSampled :
HR-06-020320

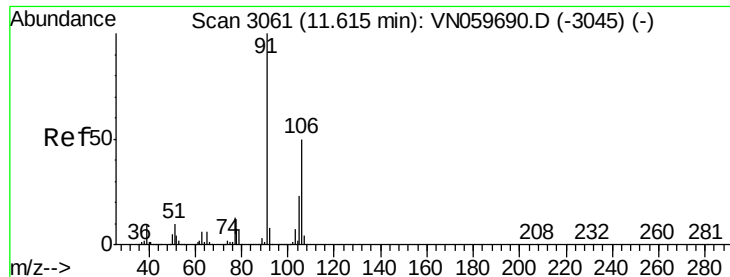
Tot Ion: 95 Resp: 137459
Ion Ratio Lower Upper
95 100
174 86.7 0.0 151.4
176 84.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

Tgt Ion: 117 Resp: 295620
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 32.3 25.5 38.3

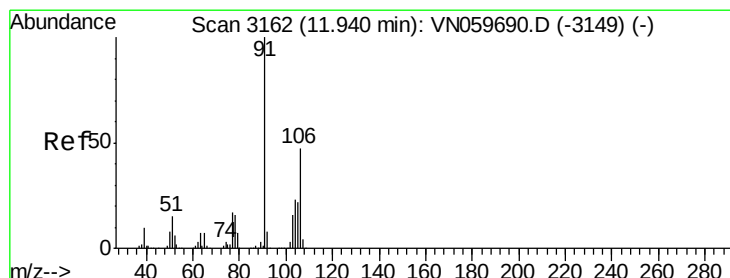
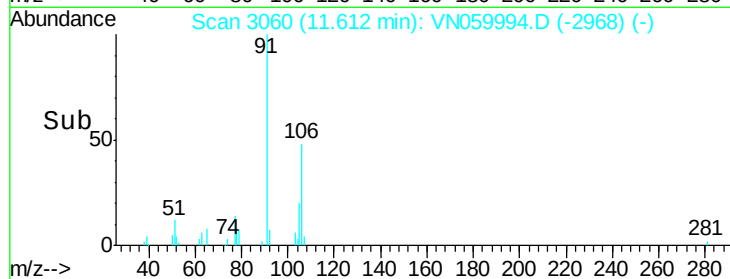
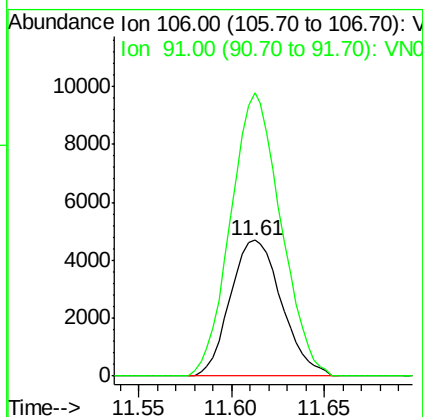
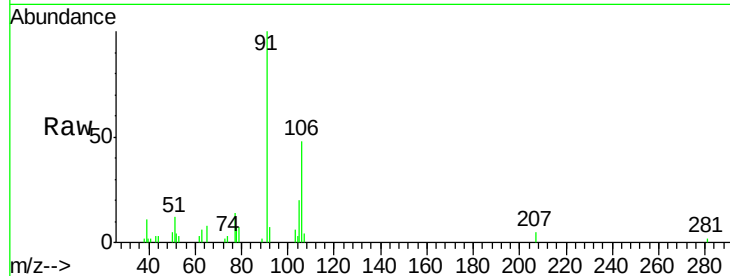




#68
m/p-Xylenes
Concen: 2.264 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

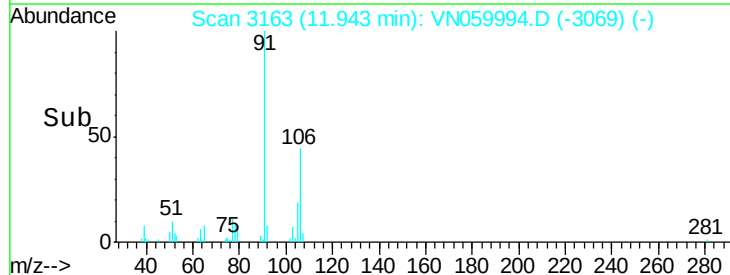
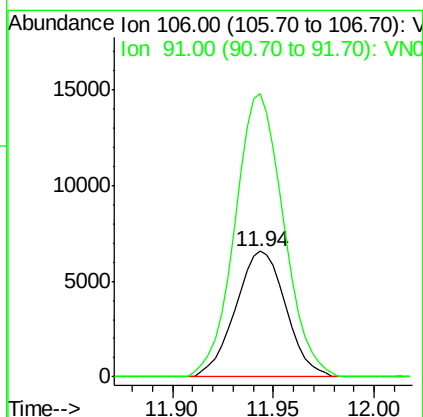
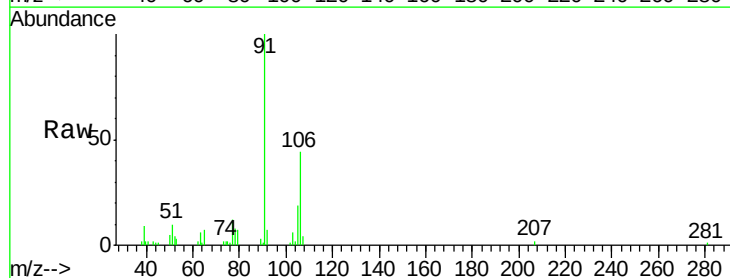
Instrument :
MSVOA_N
ClientSampled :
HR-06-020320

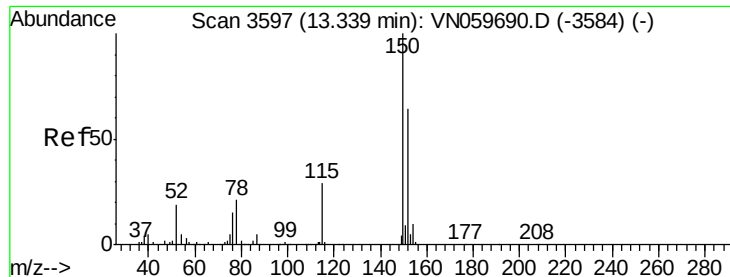
Tot Ion:106 Resp: 9022
Ion Ratio Lower Upper
106 100
91 203.2 167.9 251.9



#69
o-Xylene
Concen: 2.937 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059994.D
Acq: 4 Feb 2020 15:10

Tgt Ion:106 Resp: 11455
Ion Ratio Lower Upper
106 100
91 218.3 110.3 330.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059994.D

Acq: 4 Feb 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

HR-06-020320

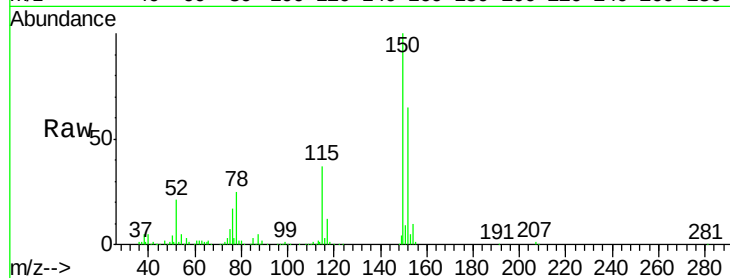
Tot Ion:152 Resp: 140004

Ion Ratio Lower Upper

152 100

115 60.0 30.3 90.9

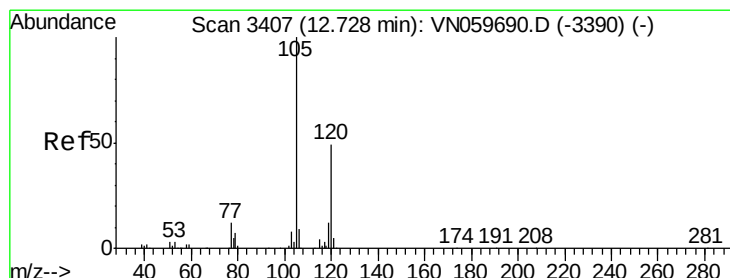
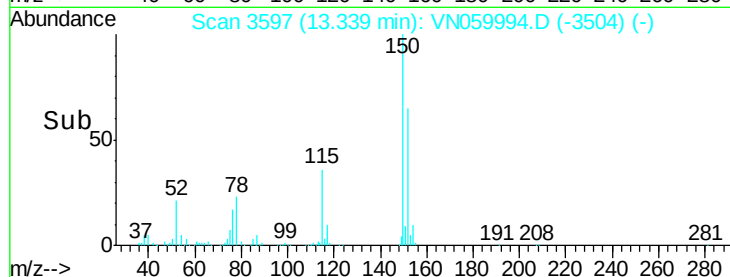
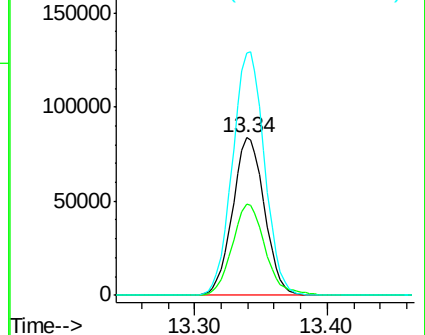
150 154.9 0.0 345.2



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: 3.107 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059994.D

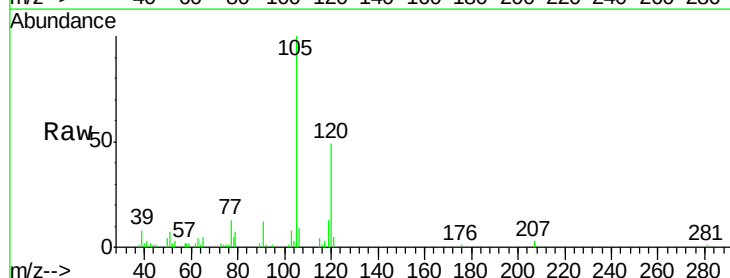
Acq: 4 Feb 2020 15:10

Tgt Ion:105 Resp: 26828

Ion Ratio Lower Upper

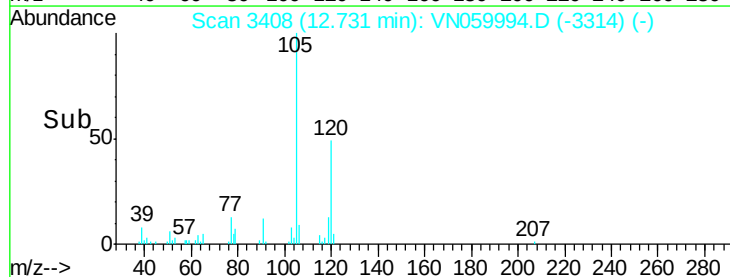
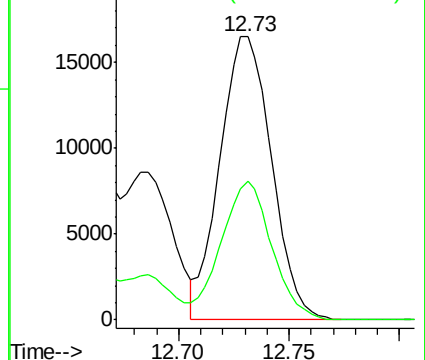
105 100

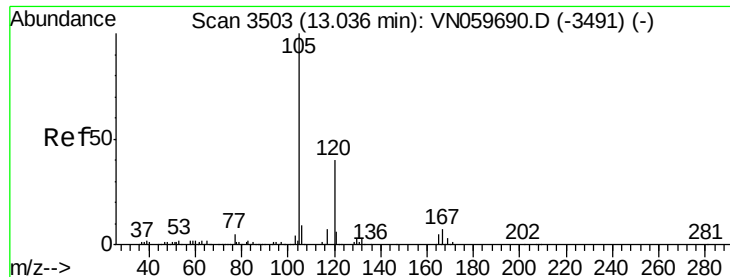
120 47.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

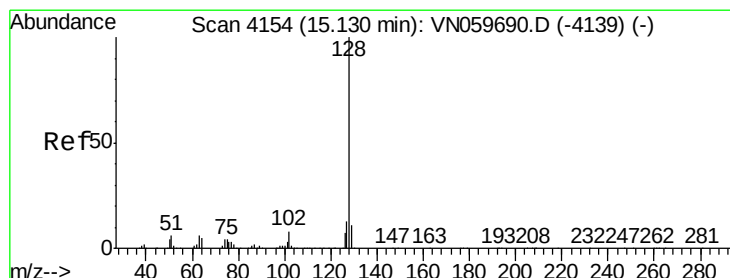
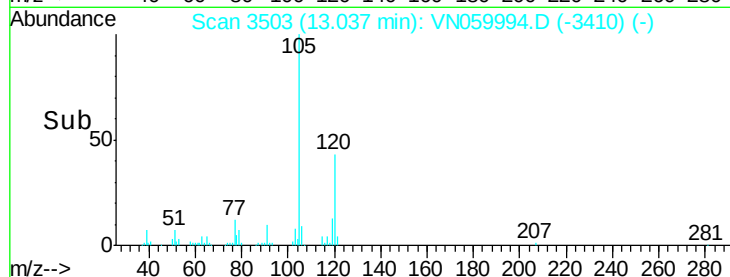
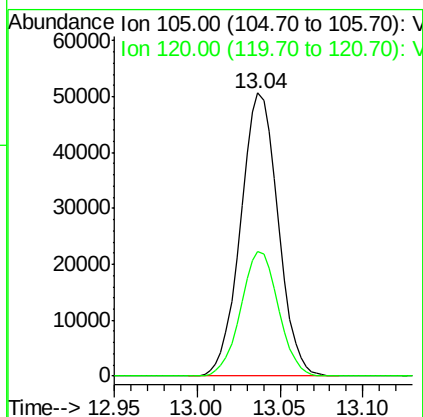
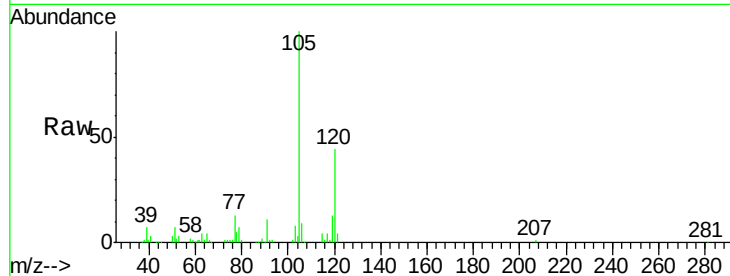




#84
 1,2,4-Trimethylbenzene
 Concen: 9.322 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

Instrument :
 MSVOA_N
 ClientSampled :
 HR-06-020320

Tot Ion:105 Resp: 79639
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.3 66.9



#95
 Naphthalene
 Concen: 1.750 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059994.D
 Acq: 4 Feb 2020 15:10

Tgt Ion:128 Resp: 13354
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.4 15.6
 129 12.4 8.6 12.8

