

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112818\
 Data File : VN052517.D
 Acq On : 28 Nov 2018 14:04
 Operator : MD\SY
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Nov 29 00:48:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

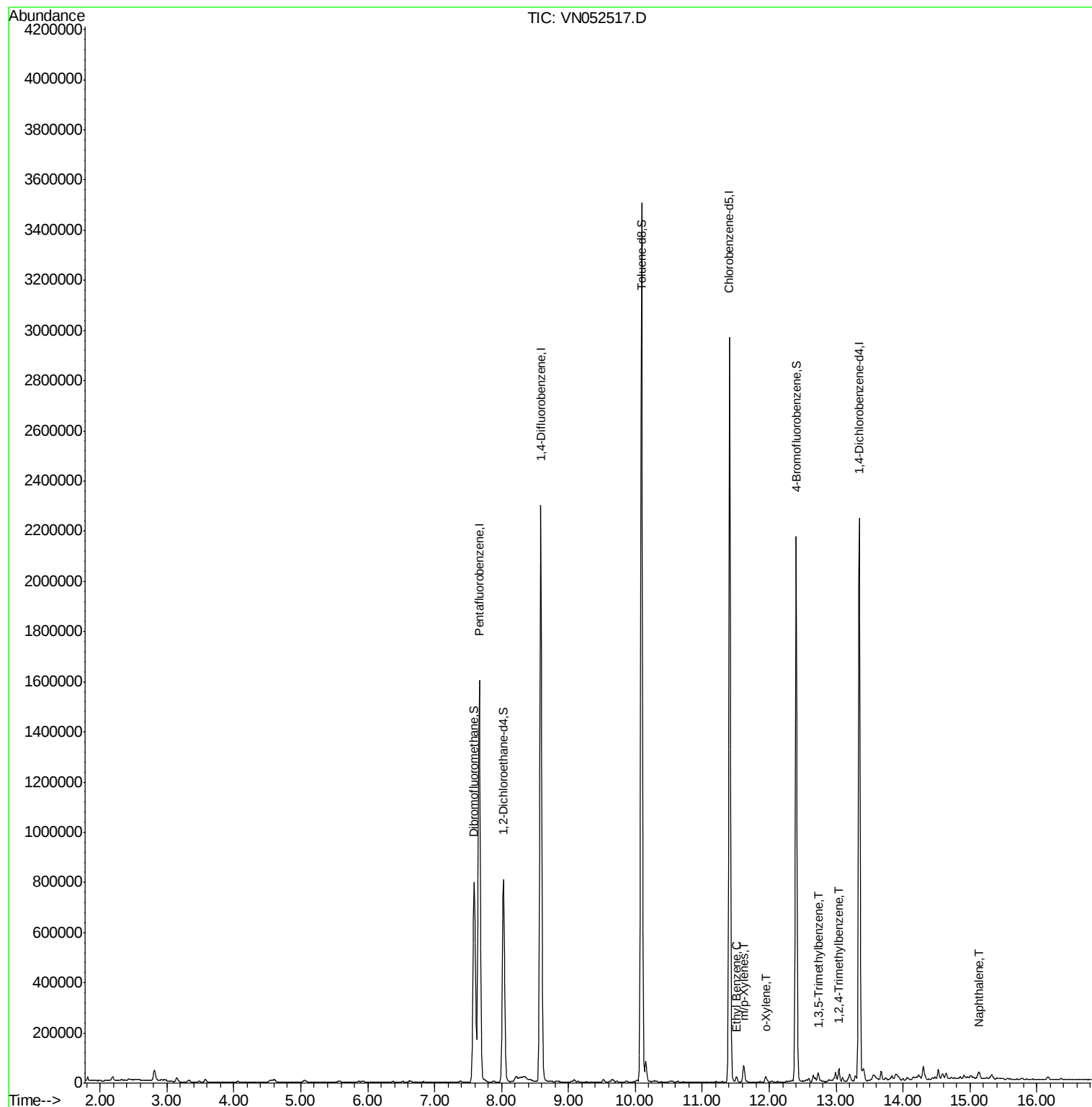
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1385389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2110878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1772559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	631698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	687921	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
35) Dibromofluoromethane	7.59	113	628683	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	10.09	98	2514346	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	770516	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
Target Compounds						
67) Ethyl Benzene	11.51	91	16830	0.263	ug/l	95
68) m/p-Xylenes	11.62	106	21921	0.920	ug/l	98
69) o-Xylene	11.95	106	5910	0.255	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	10633	0.269	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	30416	0.768	ug/l	99
95) Naphthalene	15.13	128	19175	4.179	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052517.D

Acq: 28 Nov 2018 14:04

Instrument :

MSVOA_N

ClientSampled :

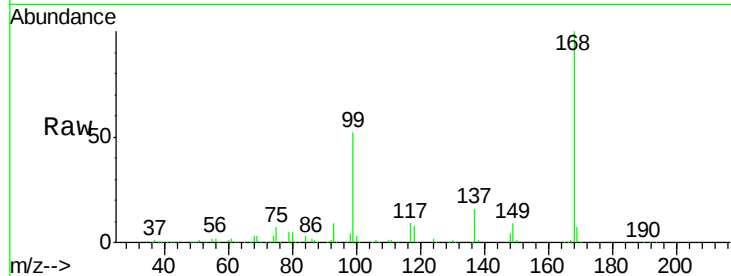
I.BLK

Tot Ion:168 Resp: 1385389

Ion Ratio Lower Upper

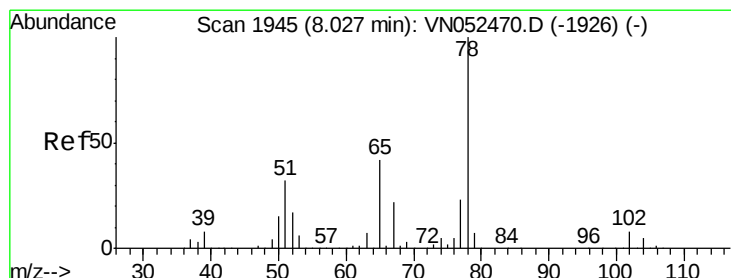
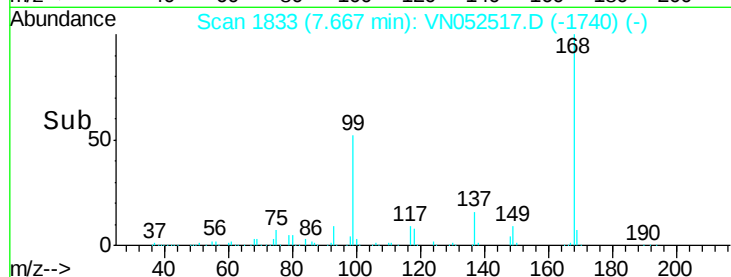
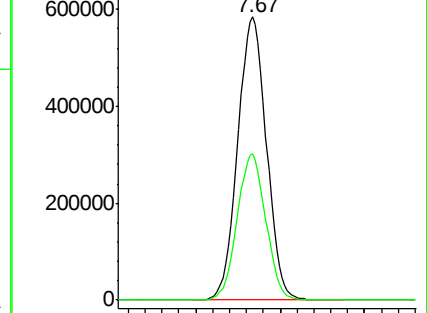
168 100

99 51.7 41.7 62.5



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052517.D

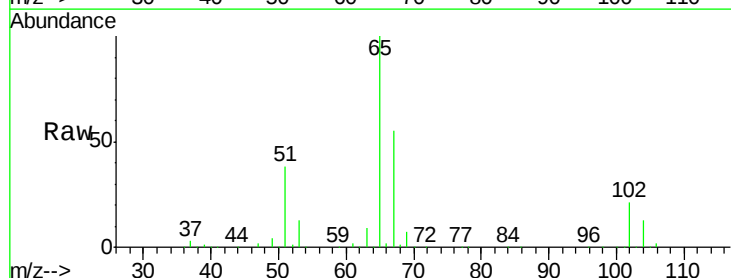
Acq: 28 Nov 2018 14:04

Tgt Ion: 65 Resp: 687921

Ion Ratio Lower Upper

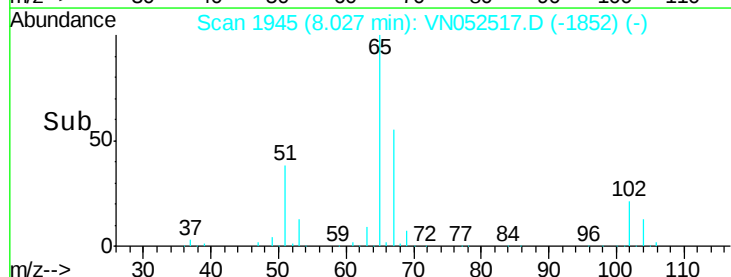
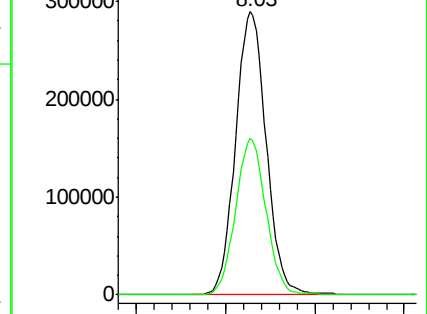
65 100

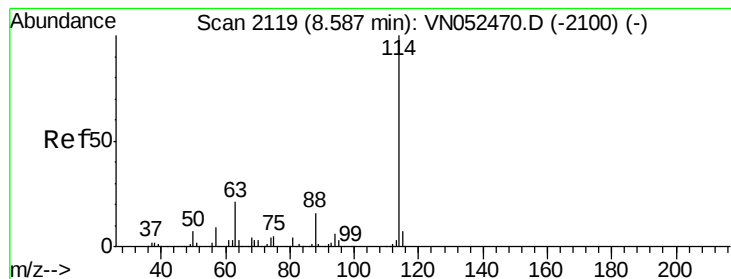
67 54.8 0.0 109.8



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052517.D

Acq: 28 Nov 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

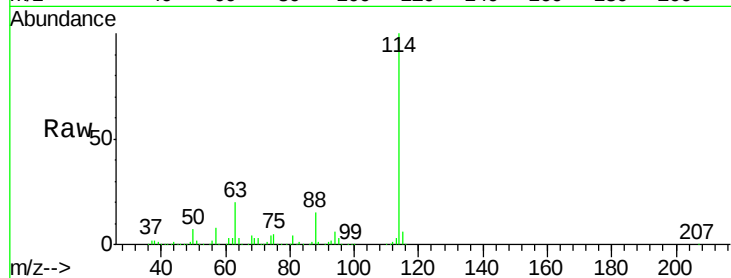
Tot Ion:114 Resp: 2110878

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

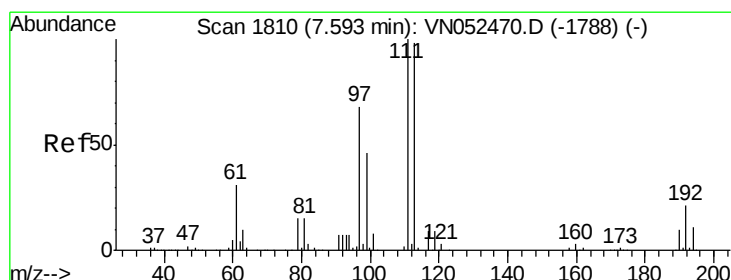
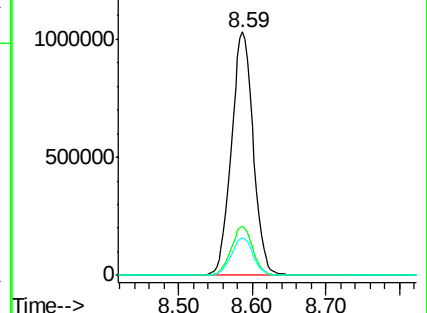
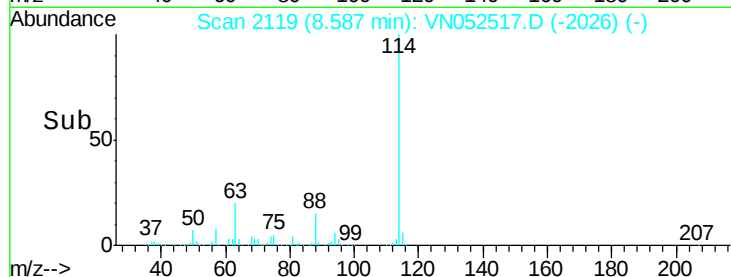
88 15.4 0.0 31.6



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: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052517.D

Acq: 28 Nov 2018 14:04

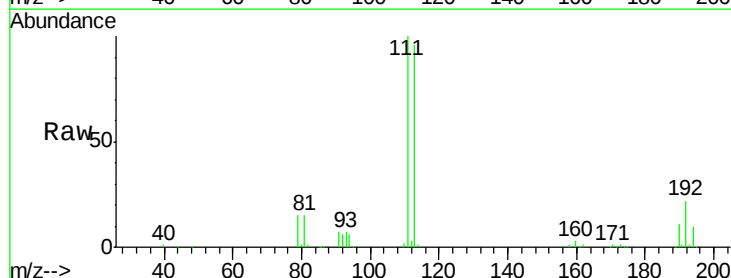
Tgt Ion:113 Resp: 628683

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

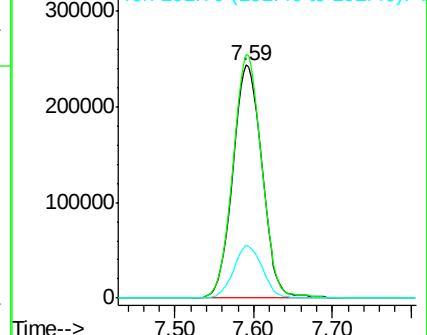
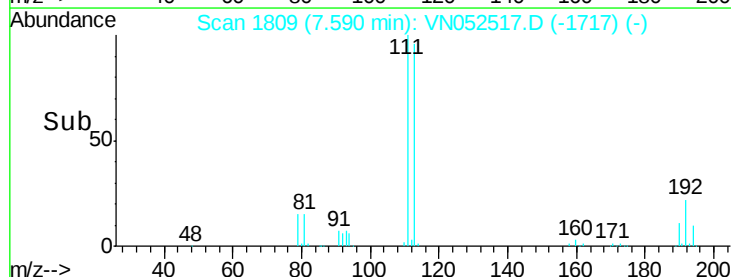
192 22.2 17.0 25.6

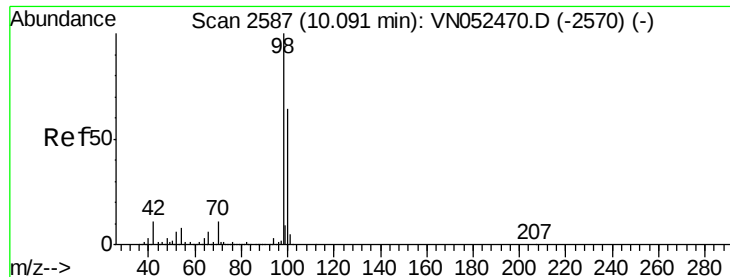


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052517.D

Acq: 28 Nov 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

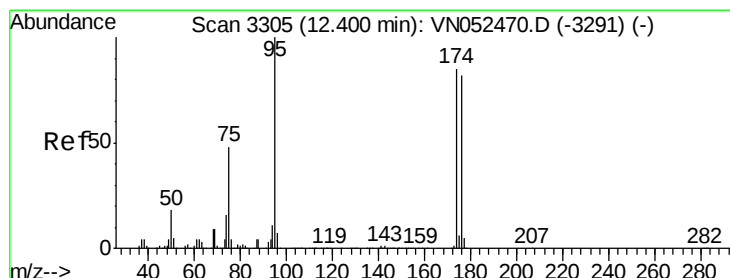
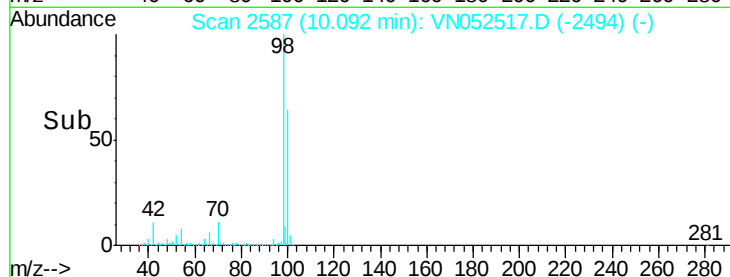
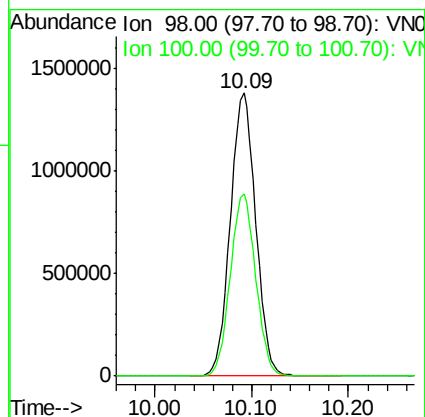
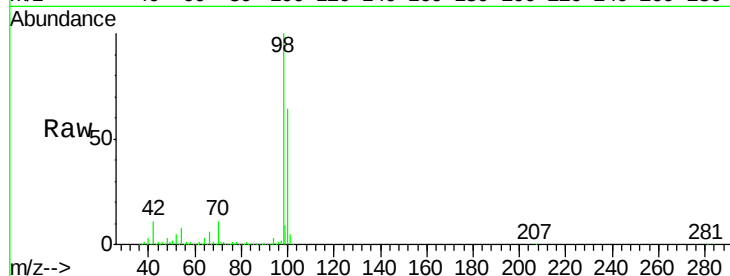
I.BLK

Tot Ion: 98 Resp: 2514346

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052517.D

Acq: 28 Nov 2018 14:04

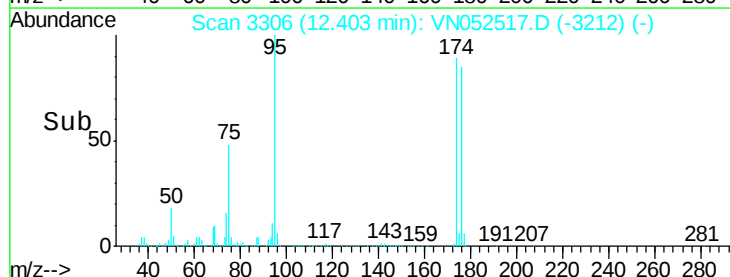
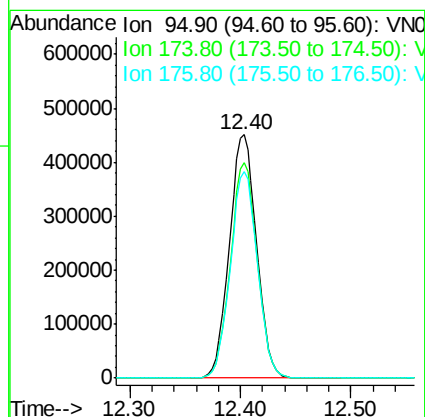
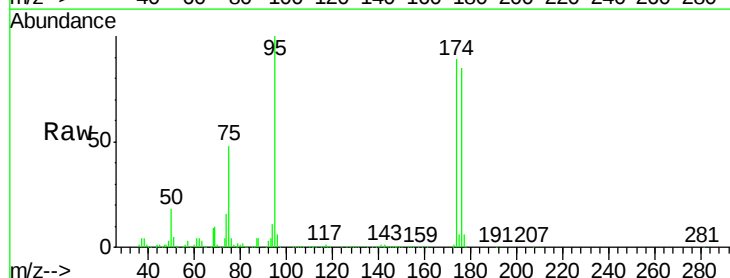
Tgt Ion: 95 Resp: 770516

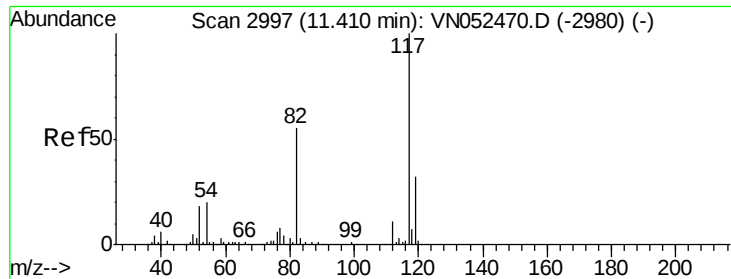
Ion Ratio Lower Upper

95 100

174 87.2 0.0 173.0

176 84.4 0.0 166.2

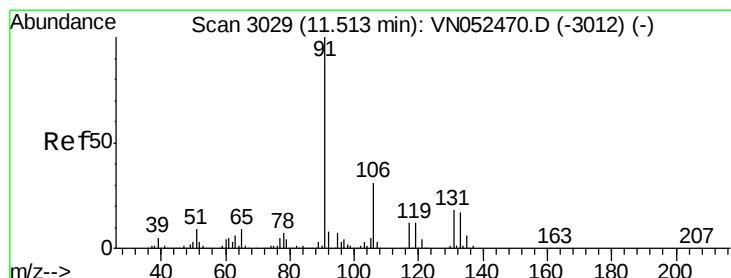
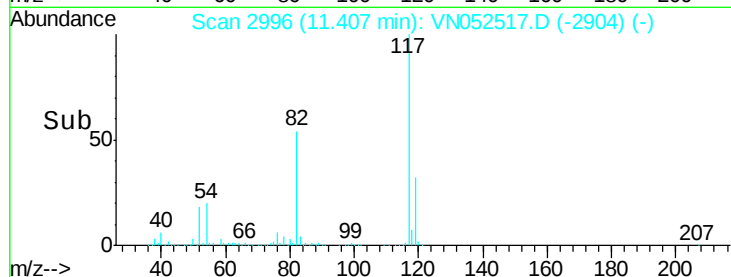
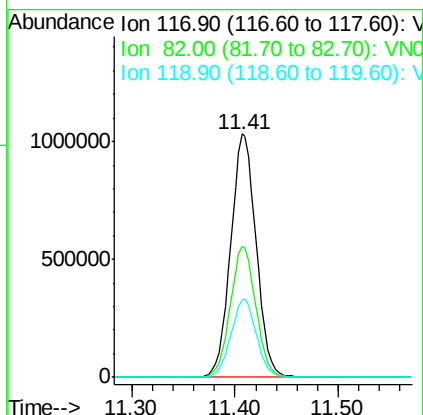
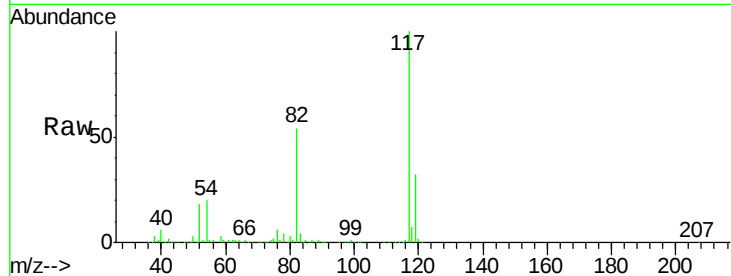




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052517.D
Acq: 28 Nov 2018 14:04

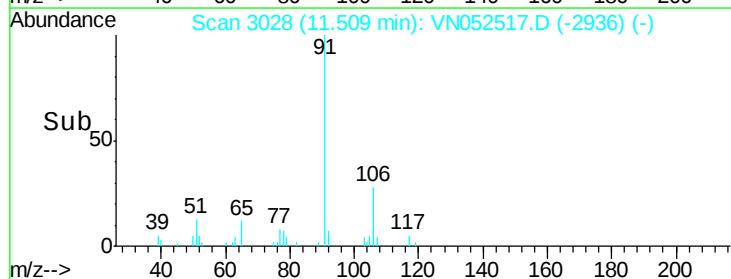
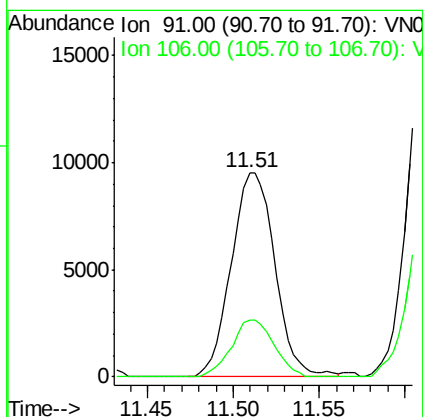
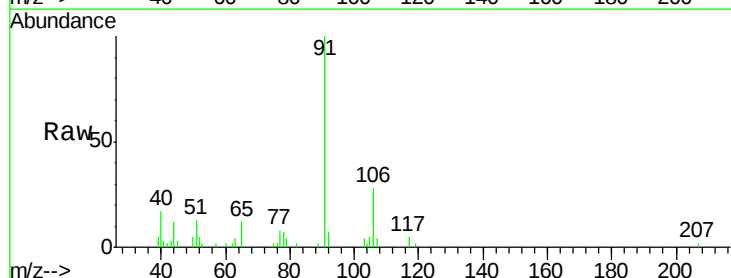
Instrument :
MSVOA_N
ClientSampled :
I.BLK

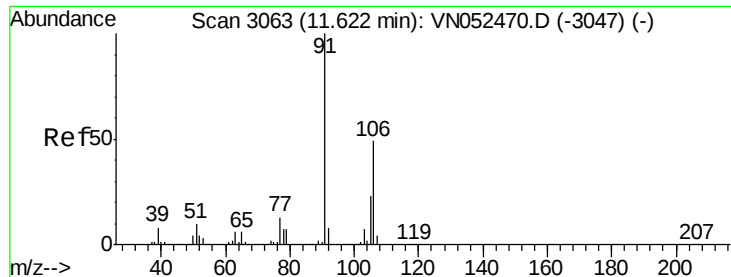
Tot Ion:117 Resp: 1772559
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 31.8 25.4 38.2



#67
Ethyl Benzene
Concen: 0.263 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052517.D
Acq: 28 Nov 2018 14:04

Tgt Ion: 91 Resp: 16830
Ion Ratio Lower Upper
91 100
106 28.1 24.9 37.3

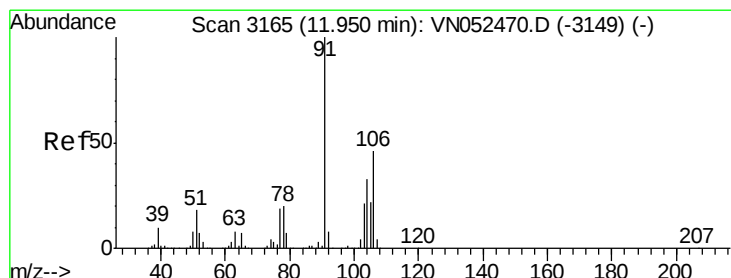
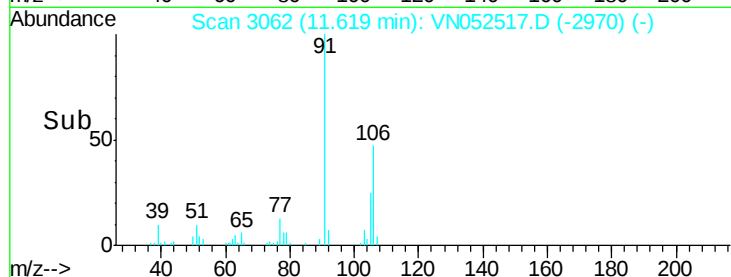
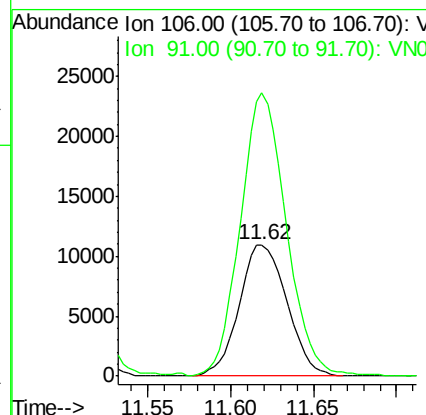
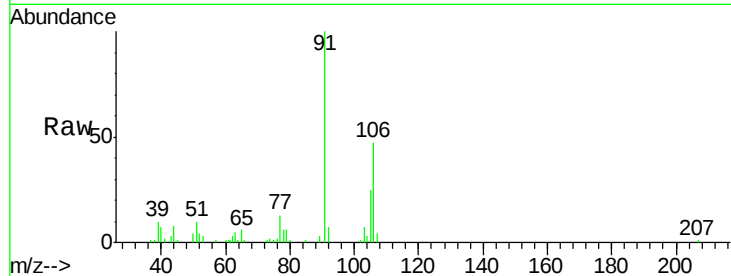




#68
m/p-Xylenes
Concen: 0.920 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052517.D
Acq: 28 Nov 2018 14:04

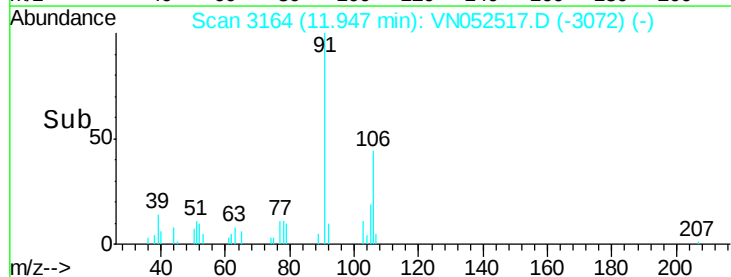
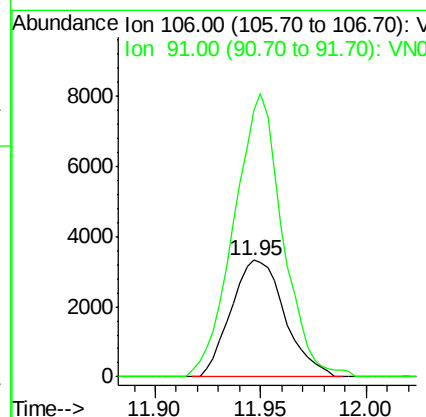
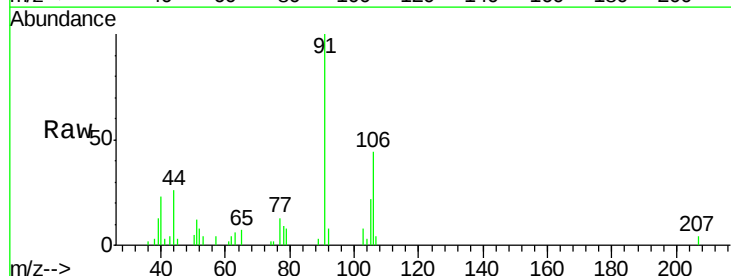
Instrument :
MSVOA_N
ClientSampled :
I.BLK

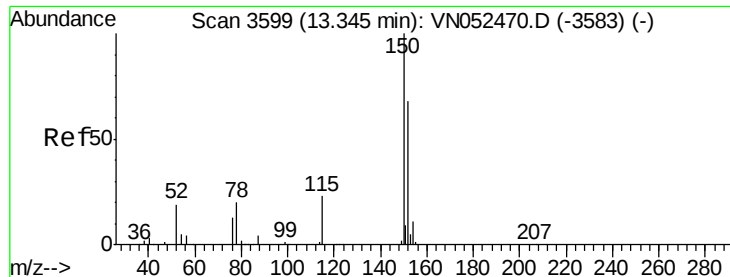
Tot Ion:106 Resp: 21921
Ion Ratio Lower Upper
106 100
91 207.5 163.2 244.8



#69
o-Xylene
Concen: 0.255 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052517.D
Acq: 28 Nov 2018 14:04

Tgt Ion:106 Resp: 5910
Ion Ratio Lower Upper
106 100
91 219.9 107.7 323.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052517.D

Acq: 28 Nov 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

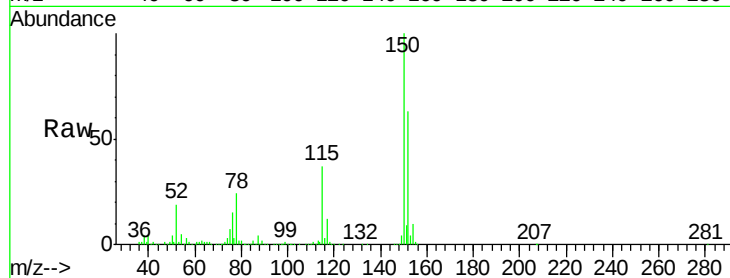
Tot Ion:152 Resp: 631698

Ion Ratio Lower Upper

152 100

115 57.9 28.4 85.2

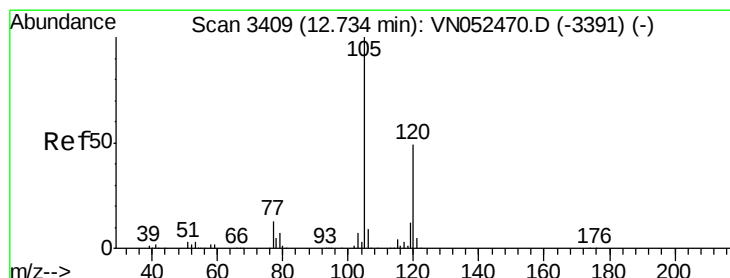
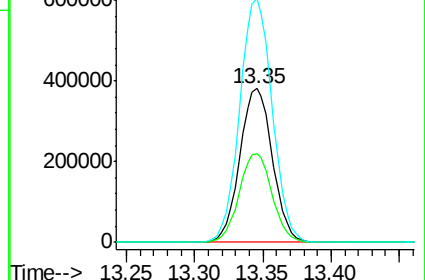
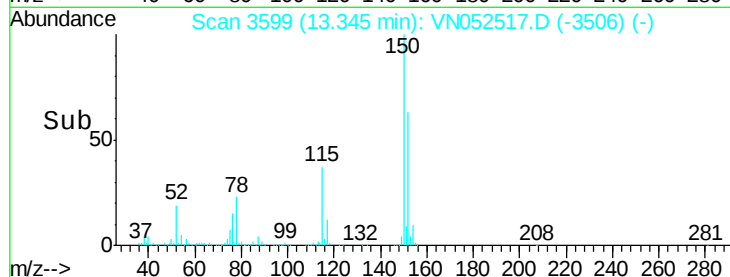
150 158.3 0.0 346.0



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: 0.269 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052517.D

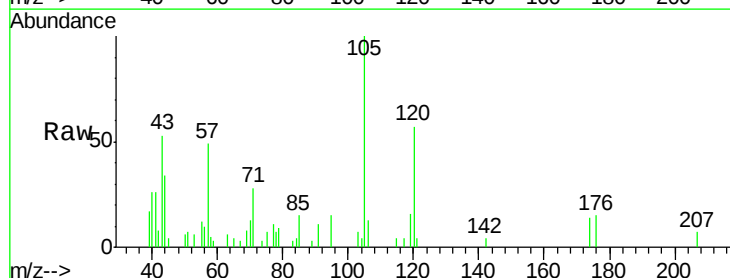
Acq: 28 Nov 2018 14:04

Tgt Ion:105 Resp: 10633

Ion Ratio Lower Upper

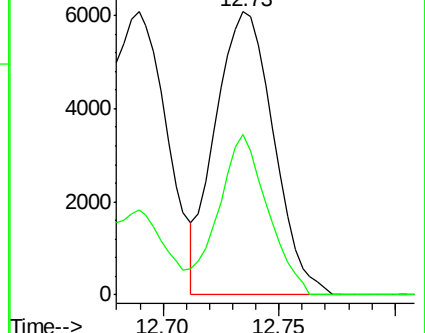
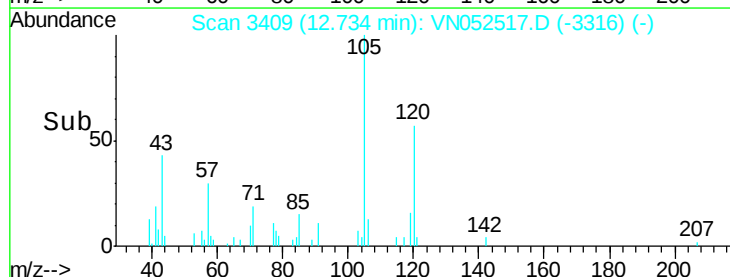
105 100

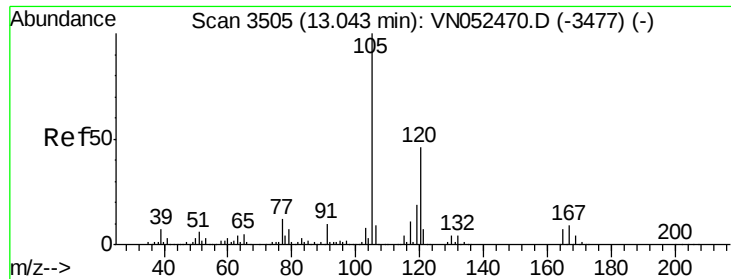
120 48.2 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

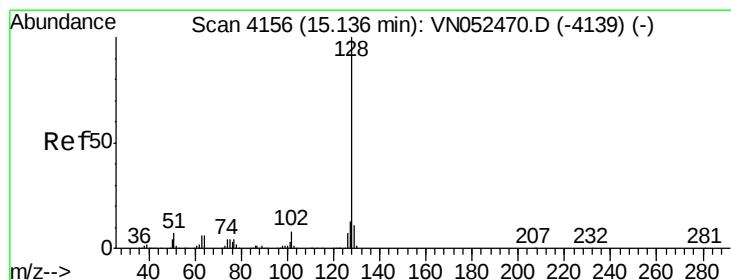
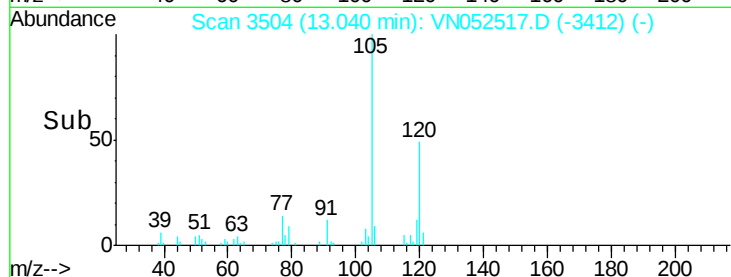
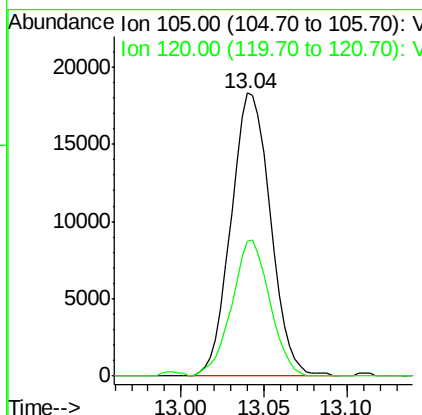
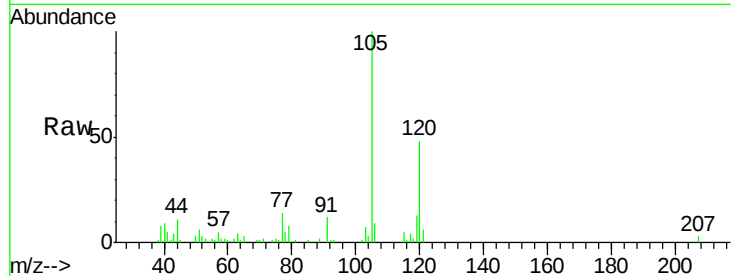




#84
 1,2,4-Trimethylbenzene
 Concen: 0.768 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052517.D
 Acq: 28 Nov 2018 14:04

Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

Tot Ion:105 Resp: 30416
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.8 68.4



#95
 Naphthalene
 Concen: 4.179 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN052517.D
 Acq: 28 Nov 2018 14:04

Tgt Ion:128 Resp: 19175
 Ion Ratio Lower Upper
 128 100
 127 15.0 10.2 15.2
 129 11.5 8.7 13.1

