

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN112118\
 Data File : VN052450.D
 Acq On : 21 Nov 2018 20:30
 Operator : MD\SY
 Sample : J5996-16 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:27:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

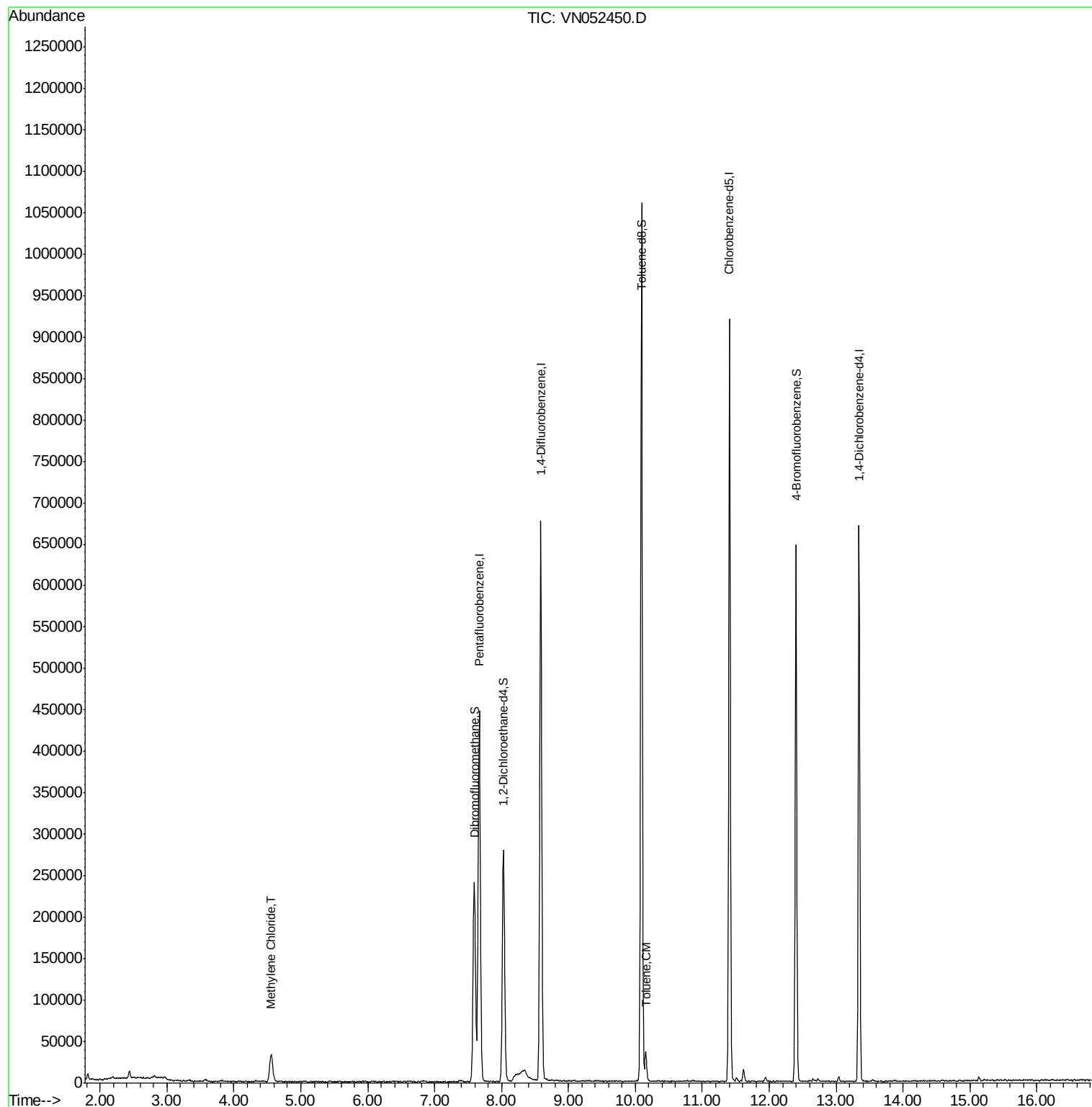
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	324235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	544552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	460556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	240894	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	7.59	113	178181	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	10.09	98	678552	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.40	95	199055	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.58%	
Target Compounds						
20) Methylene Chloride	4.56	84	21841	5.064	ug/l	98
52) Toluene	10.16	92	14052	1.506	ug/l	87

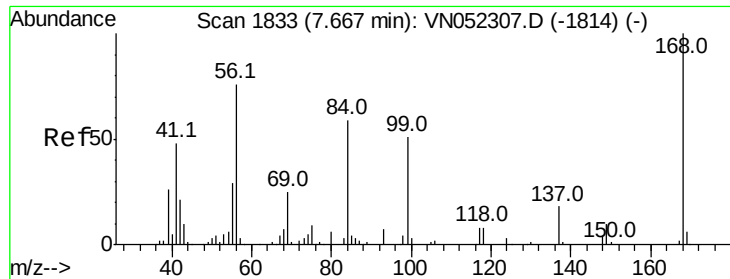
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052450.D

Acq: 21 Nov 2018 20:30

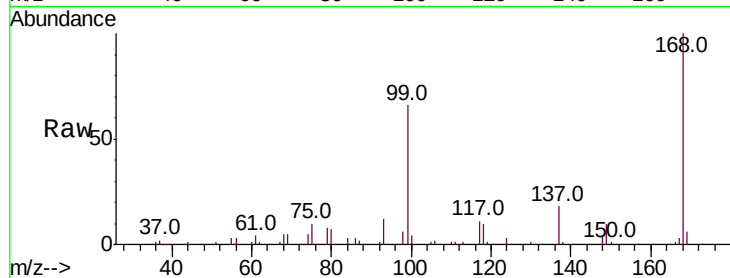
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:168 Resp: 324235

Ion Ratio Lower Upper

168 100

99 65.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

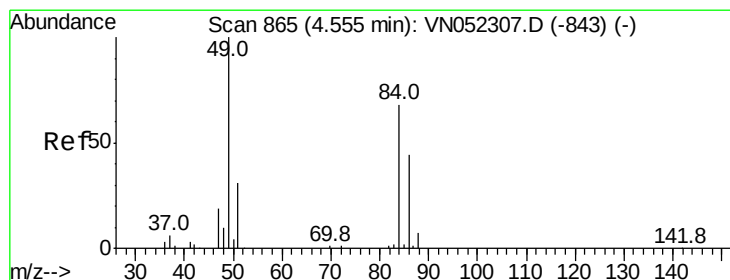
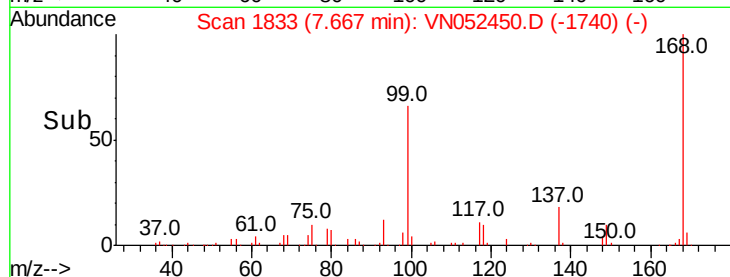
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 5.064 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052450.D

Acq: 21 Nov 2018 20:30

Tgt Ion: 84 Resp: 21841

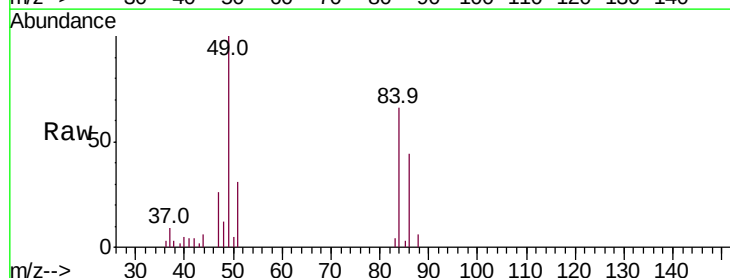
Ion Ratio Lower Upper

84 100

49 149.3 118.2 177.2

51 46.6 36.1 54.1

86 67.3 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

15000

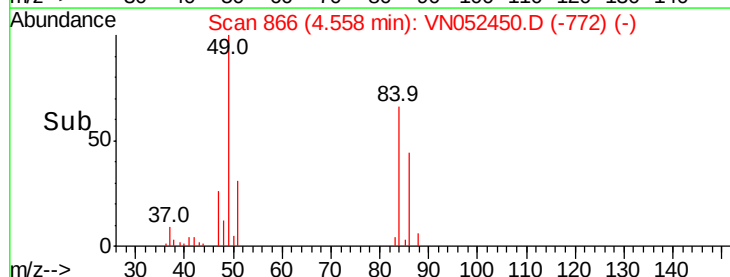
10000

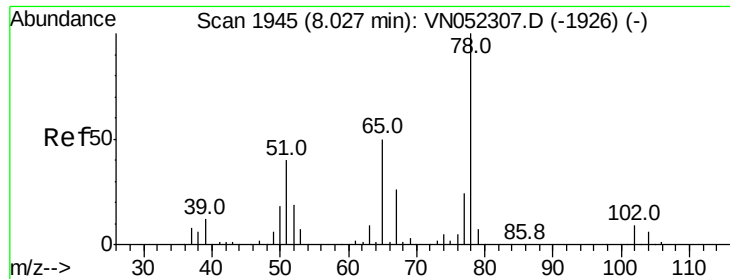
5000

0

Time-->

4.50 4.60

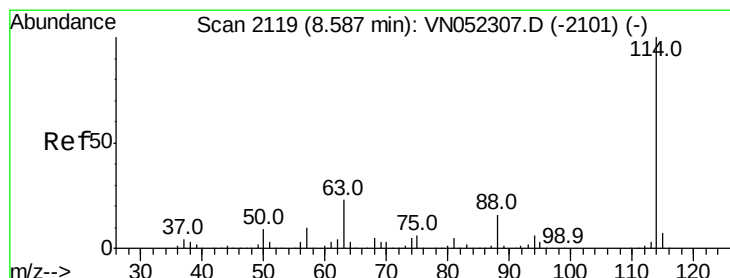
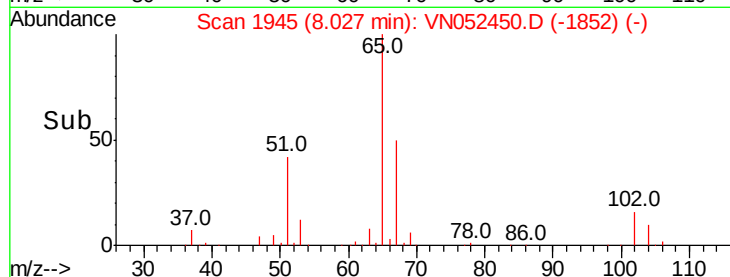
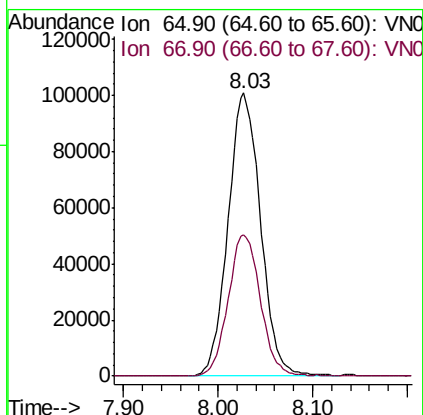
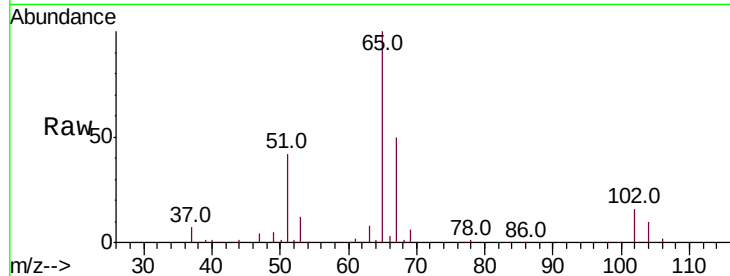




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052450.D
 Acq: 21 Nov 2018 20:30

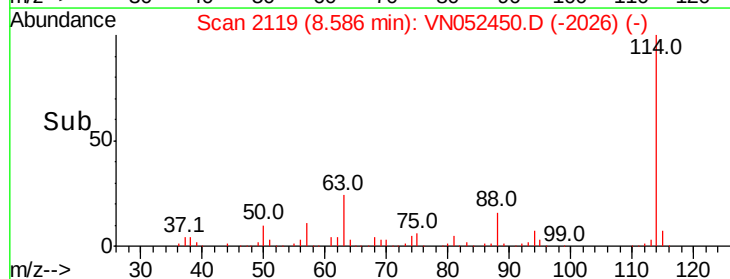
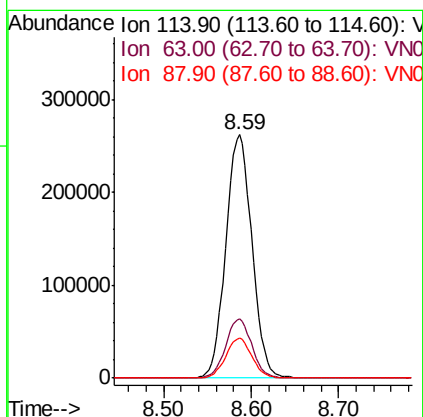
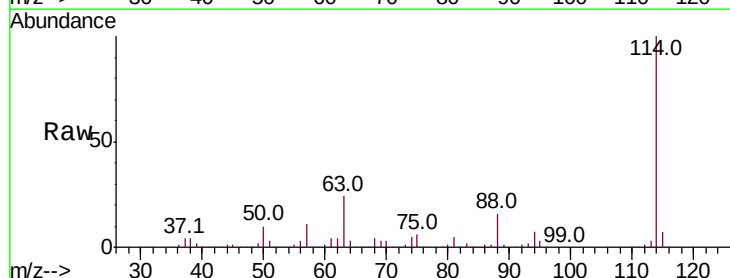
Instrument :
 MSVOA_V
 ClientSampled :

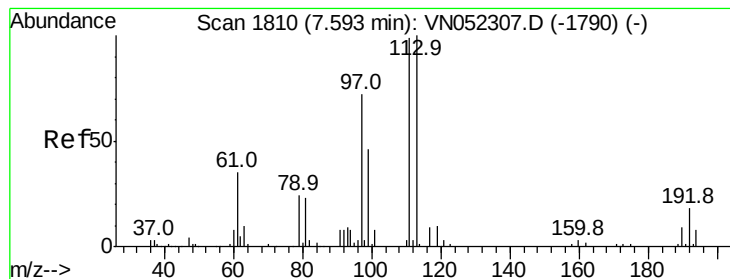
Tot Ion: 65 Resp: 240894
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052450.D
 Acq: 21 Nov 2018 20:30

Tgt Ion: 114 Resp: 544552
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 45.4
 88 16.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052450.D

Acq: 21 Nov 2018 20:30

Instrument :

MSVOA_V

ClientSampleId :

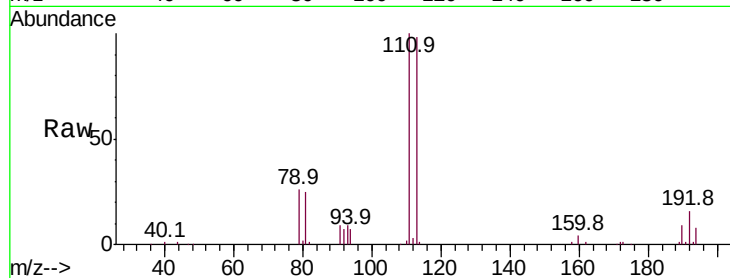
Tot Ion:113 Resp: 178181

Ion Ratio Lower Upper

113 100

111 104.0 81.0 121.6

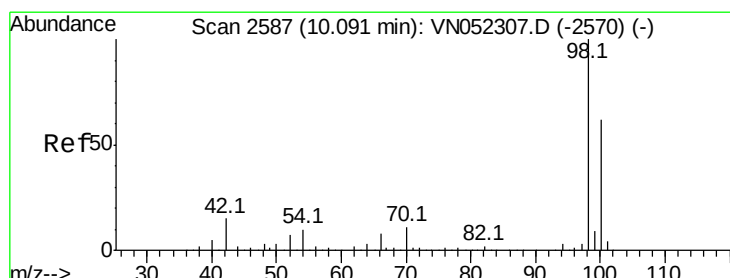
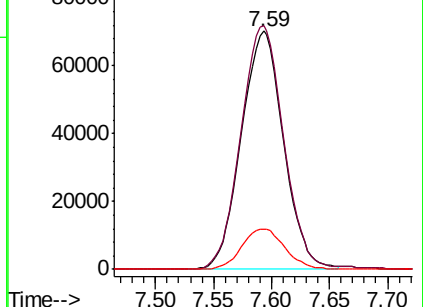
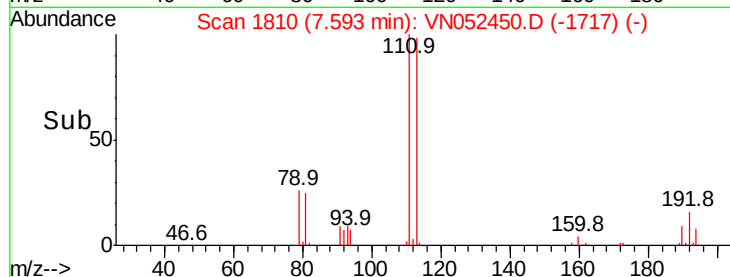
192 17.2 13.8 20.6



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: VN052450.D

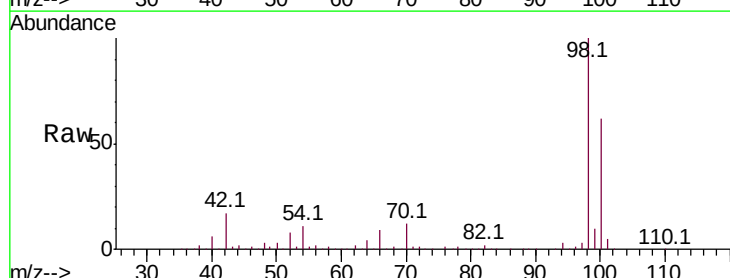
Acq: 21 Nov 2018 20:30

Tgt Ion: 98 Resp: 678552

Ion Ratio Lower Upper

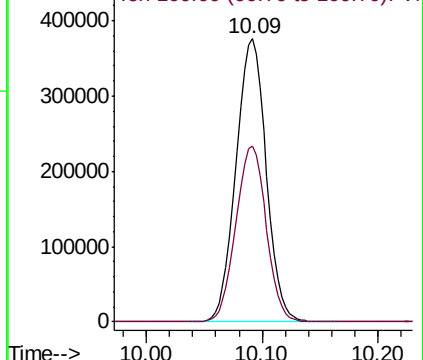
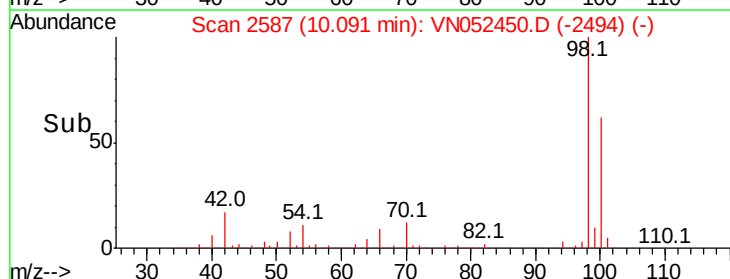
98 100

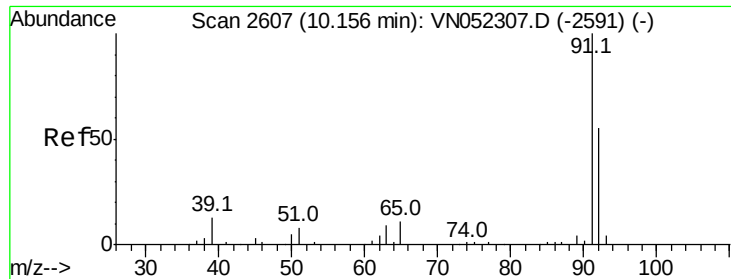
100 62.5 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.506 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052450.D

Acq: 21 Nov 2018 20:30

Instrument :

MSVOA_V

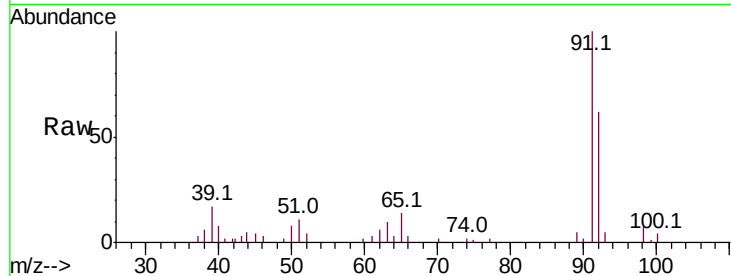
ClientSampled :

Tot Ion: 92 Resp: 14052

Ion Ratio Lower Upper

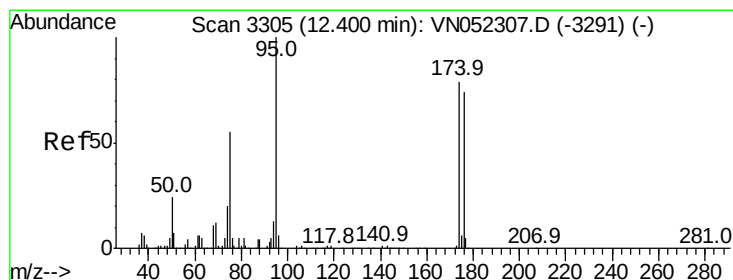
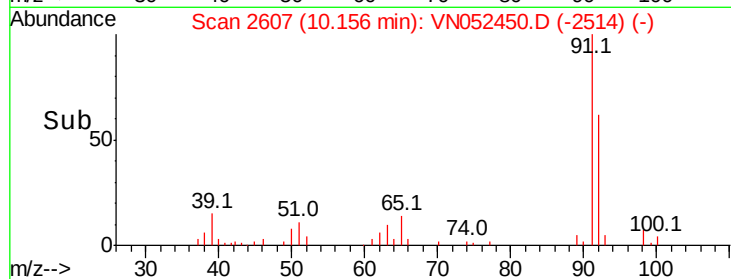
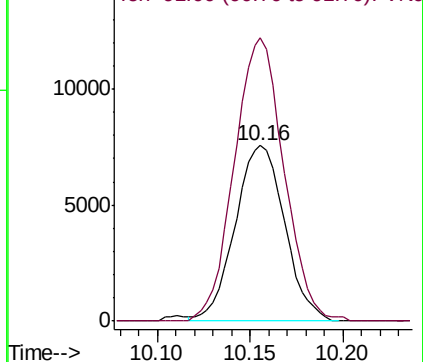
92 100

91 161.3 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052450.D

Acq: 21 Nov 2018 20:30

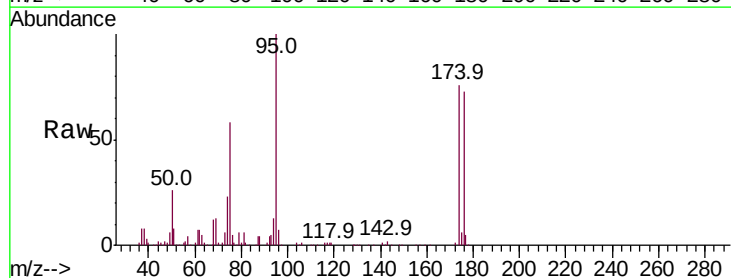
Tgt Ion: 95 Resp: 199055

Ion Ratio Lower Upper

95 100

174 74.9 0.0 156.0

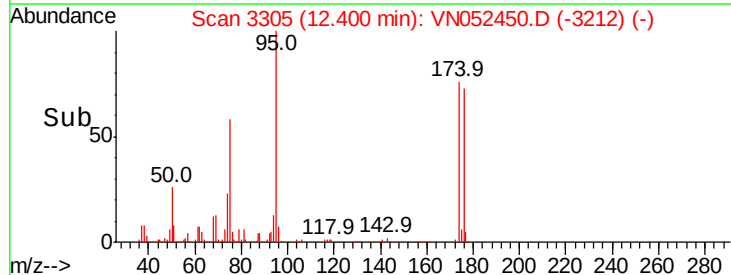
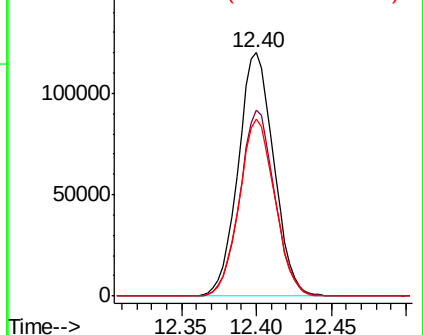
176 72.7 0.0 148.4

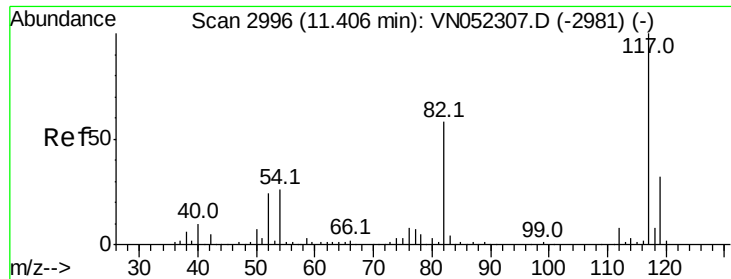


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

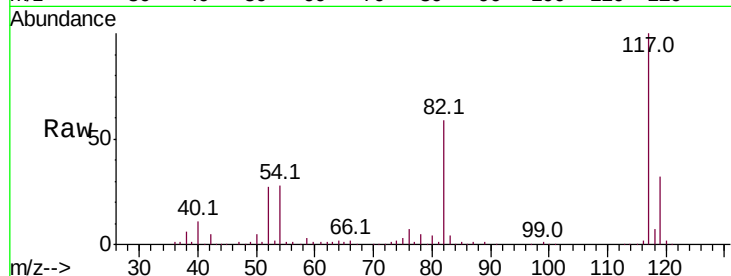




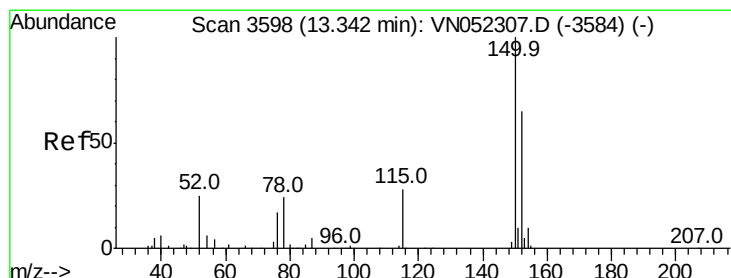
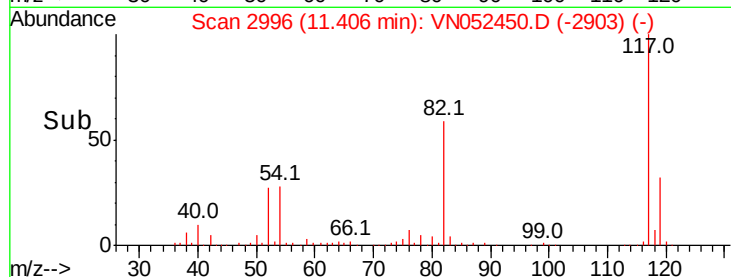
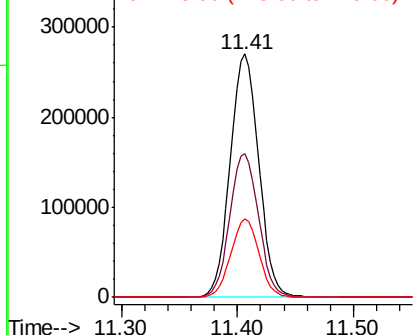
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052450.D
Acq: 21 Nov 2018 20:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 460556
Ion Ratio Lower Upper
117 100
82 58.9 46.5 69.7
119 32.3 25.7 38.5

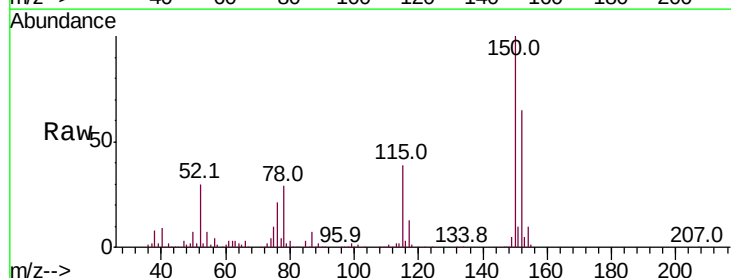


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052450.D
Acq: 21 Nov 2018 20:30

Tgt Ion:152 Resp: 158225
Ion Ratio Lower Upper
152 100
115 60.1 30.3 91.0
150 154.7 0.0 348.2



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

