

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054514.D
 Acq On : 21 Mar 2019 16:37
 Operator : JC/SP
 Sample : K1965-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW311I-20190314

Quant Time: Mar 22 10:37:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

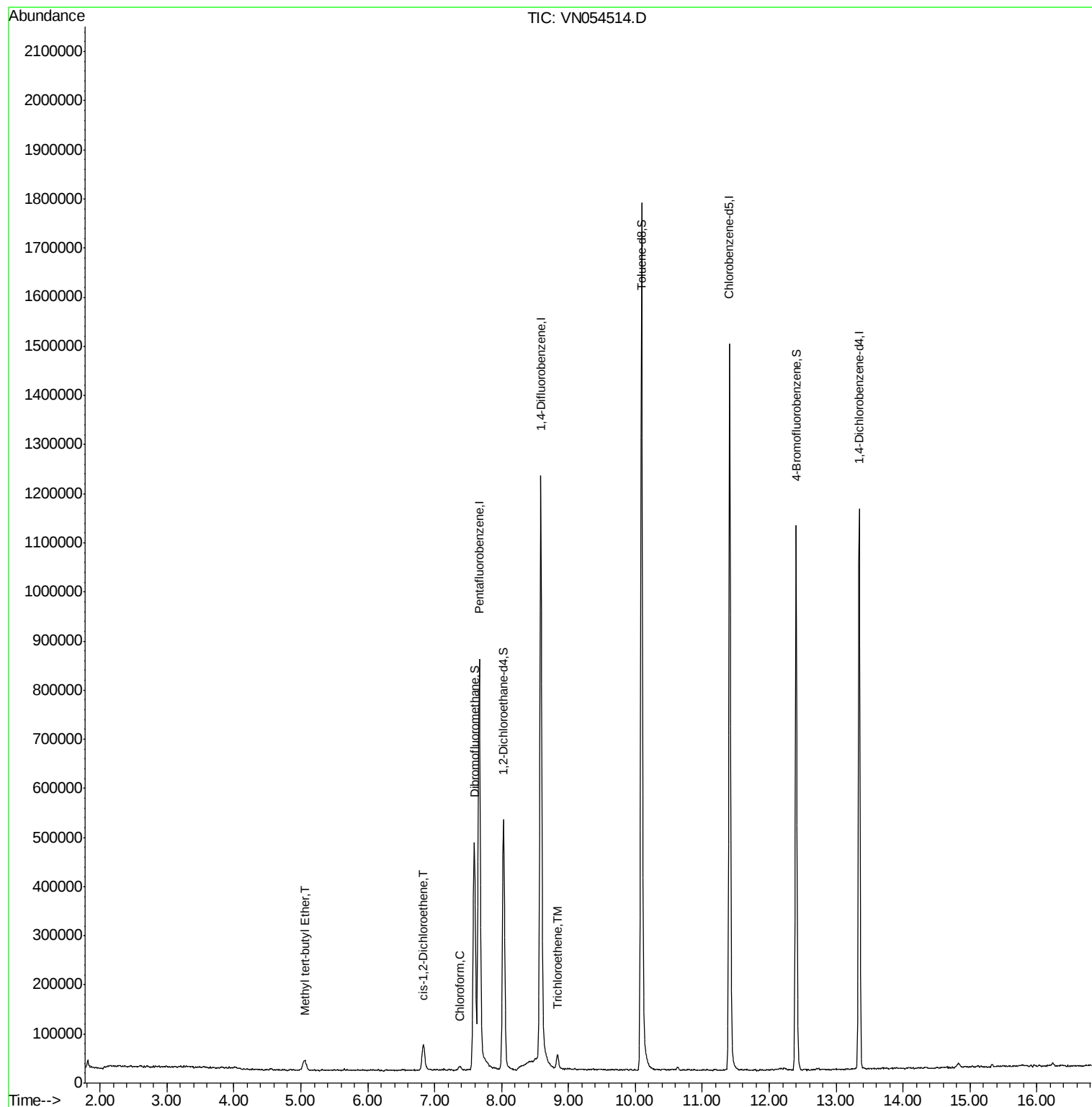
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	743451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1118706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	891204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	438775	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
35) Dibromofluoromethane	7.59	113	353198	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.09	98	1309458	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.40	95	385370	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.60%	
Target Compounds						
19) Methyl tert-butyl Ether	5.06	73	29671	1.418	ug/l #	81
27) cis-1,2-Dichloroethene	6.83	96	33642	3.852	ug/l	98
30) Chloroform	7.37	83	7232	0.517	ug/l	94
44) Trichloroethene	8.83	130	11518	1.385	ug/l	84

(#) = 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: VN054514.D

Acq: 21 Mar 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

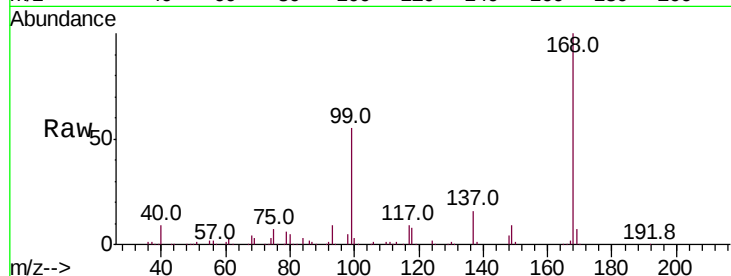
BPS1-TT-MW311I-20190314

Tot Ion:168 Resp: 743451

Ion Ratio Lower Upper

168 100

99 55.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

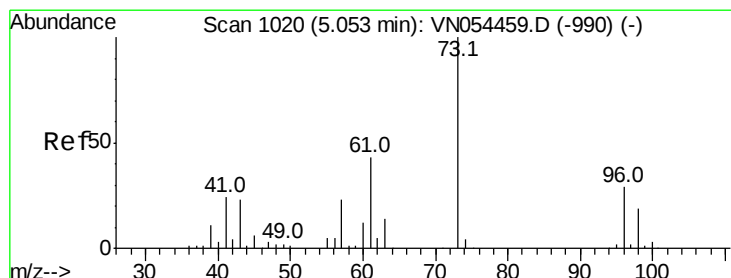
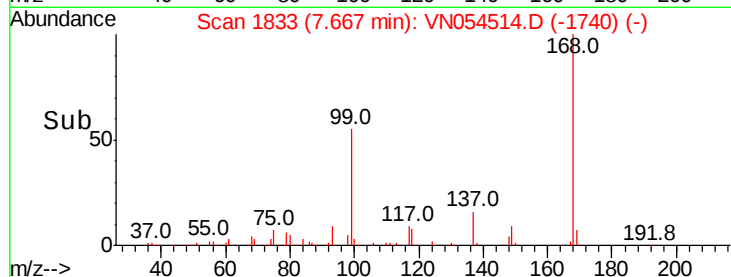
200000

100000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#19

Methyl tert-butyl Ether

Concen: 1.418 ug/l

RT: 5.06 min Scan# 1023

Delta R.T. 0.01 min

Lab File: VN054514.D

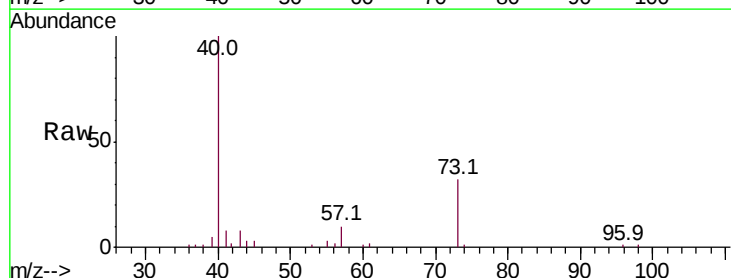
Acq: 21 Mar 2019 16:37

Tgt Ion: 73 Resp: 29671

Ion Ratio Lower Upper

73 100

57 29.8 16.8 25.2#



Abundance Ion 73.00 (72.70 to 73.70): VN

Ion 57.00 (56.70 to 57.70): VN

5.06

8000

6000

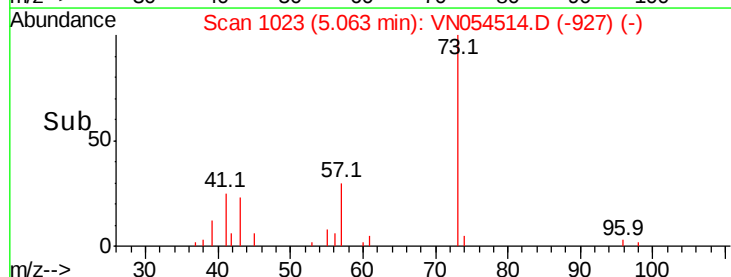
4000

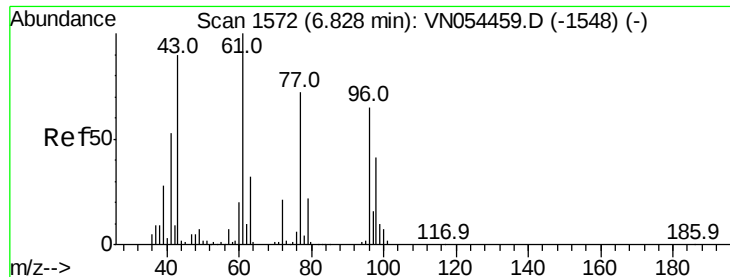
2000

0

5.00 5.10

Time-->





#27

cis-1,2-Dichloroethene

Concen: 3.852 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054514.D

Acq: 21 Mar 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW311I-20190314

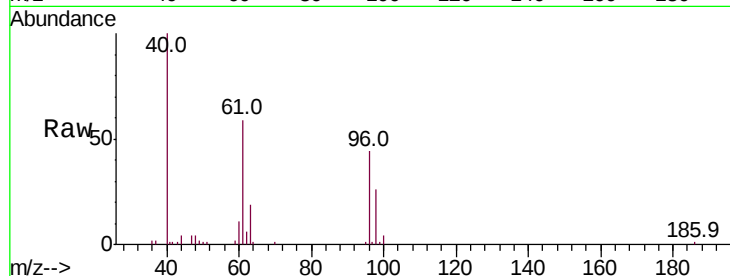
Tot Ion: 96 Resp: 33642

Ion Ratio Lower Upper

96 100

61 133.6 0.0 273.0

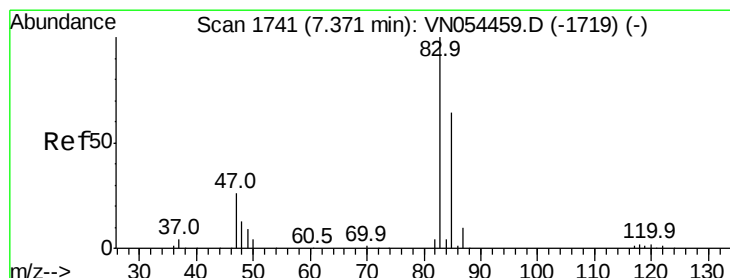
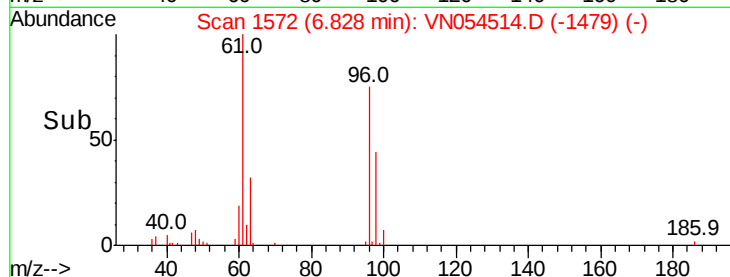
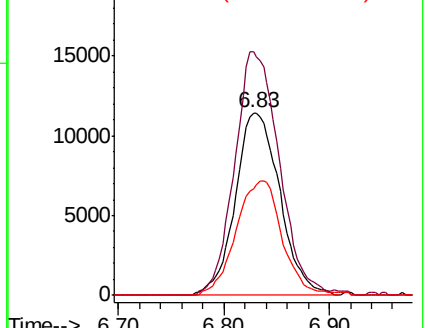
98 64.4 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#30

Chloroform

Concen: 0.517 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN054514.D

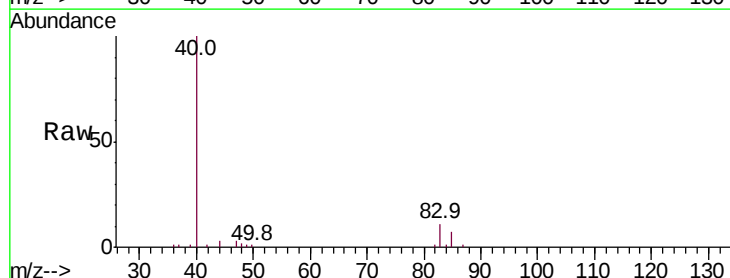
Acq: 21 Mar 2019 16:37

Tgt Ion: 83 Resp: 7232

Ion Ratio Lower Upper

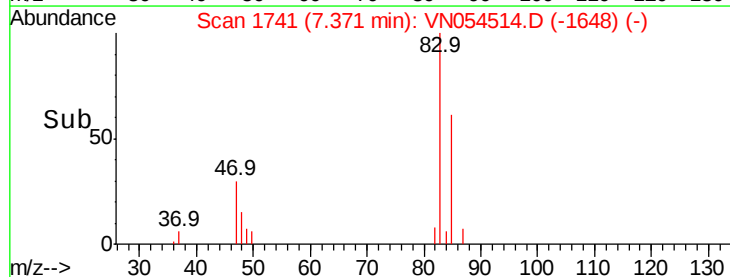
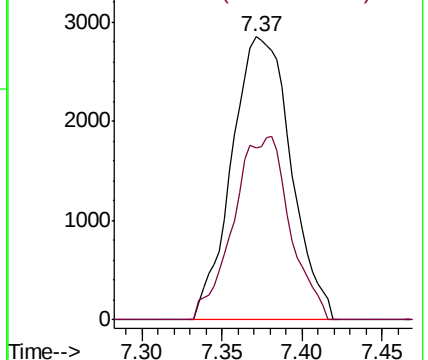
83 100

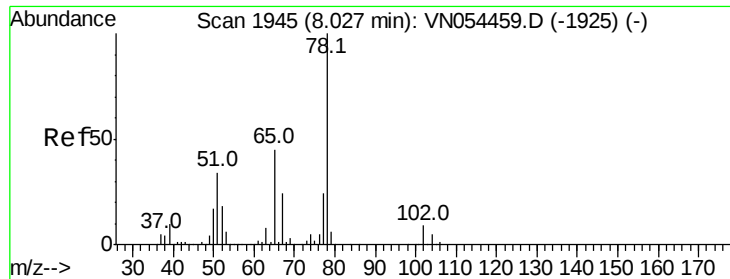
85 60.6 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.449 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054514.D

Acq: 21 Mar 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

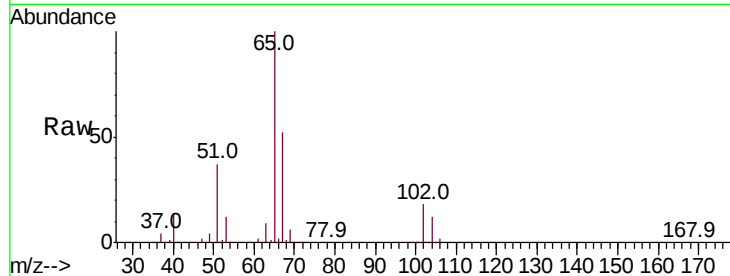
BPS1-TT-MW311I-20190314

Tot Ion: 65 Resp: 438775

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

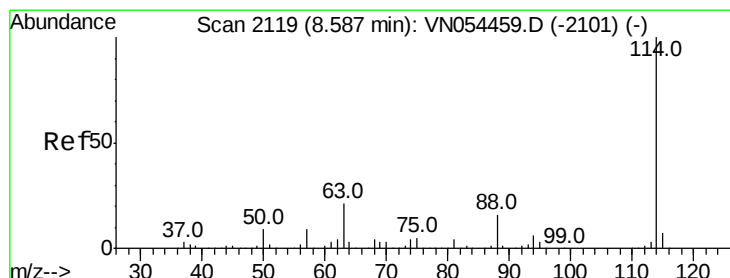
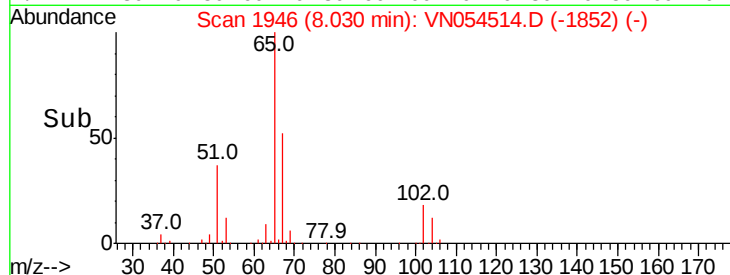
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054514.D

Acq: 21 Mar 2019 16:37

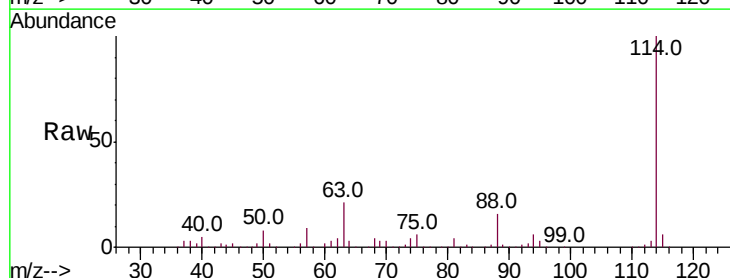
Tgt Ion:114 Resp: 1118706

Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.2

88 15.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VNO

Ion 87.90 (87.60 to 88.60): VNO

8.59

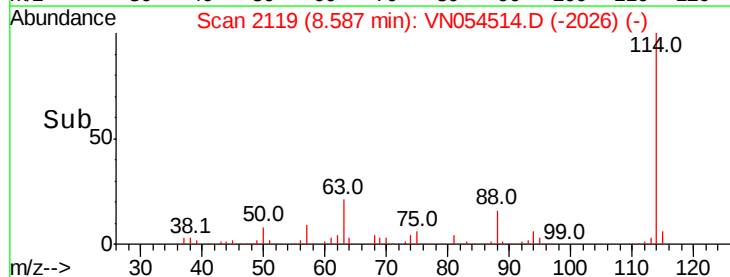
600000

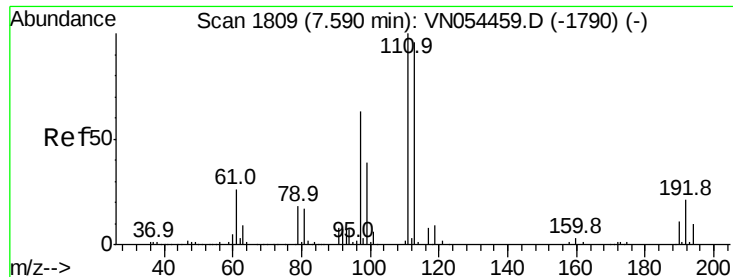
400000

200000

0

Time--> 8.50 8.60 8.70 8.80

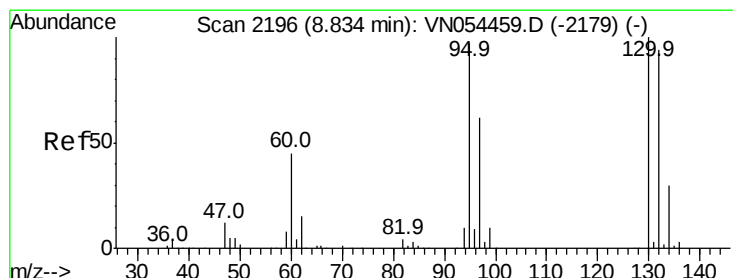
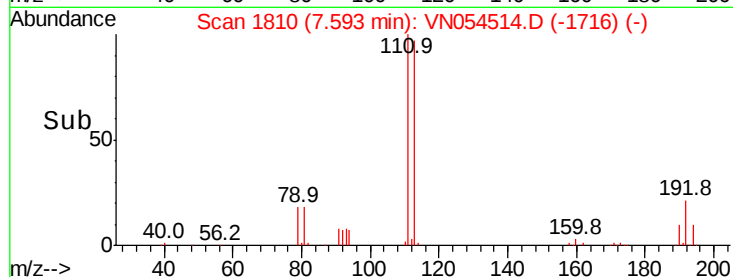
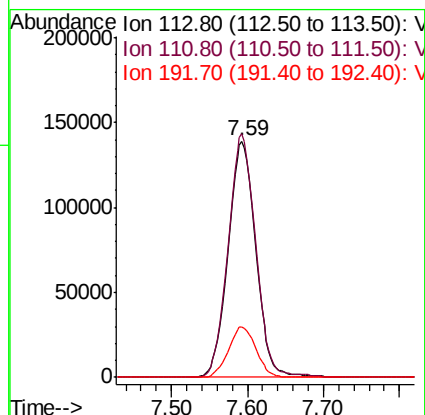
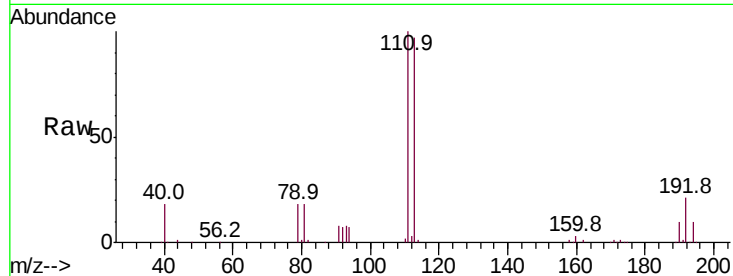




#35
Dibromofluoromethane
Concen: 49.006 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054514.D
Acq: 21 Mar 2019 16:37

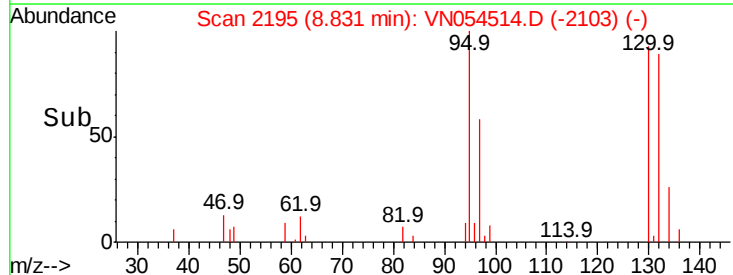
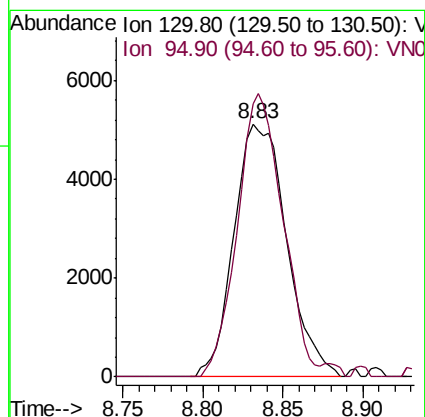
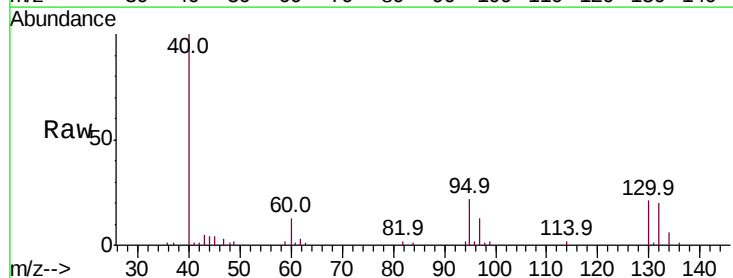
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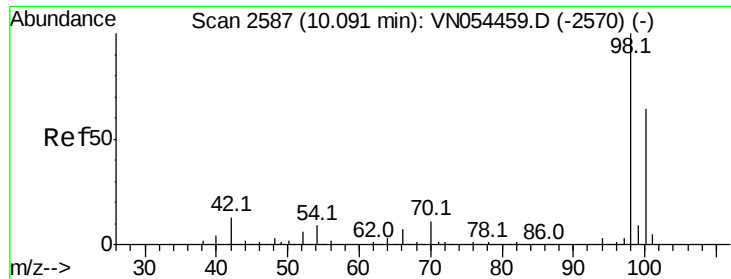
Tot Ion:113 Resp: 353198
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 21.1 19.2 28.8



#44
Trichloroethene
Concen: 1.385 ug/l
RT: 8.83 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VN054514.D
Acq: 21 Mar 2019 16:37

Tgt Ion:130 Resp: 11518
Ion Ratio Lower Upper
130 100
95 108.1 0.0 185.2





#50

Toluene-d8

Concen: 48.329 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054514.D

Acq: 21 Mar 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

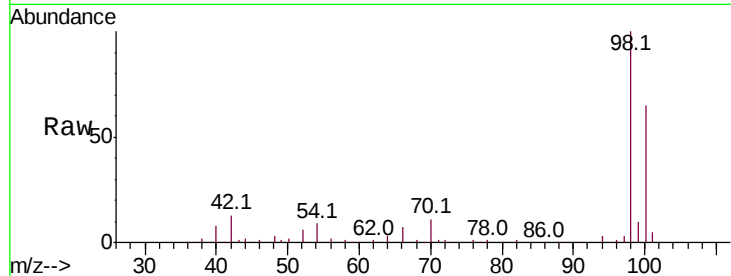
BPS1-TT-MW311I-20190314

Tot Ion: 98 Resp: 1309458

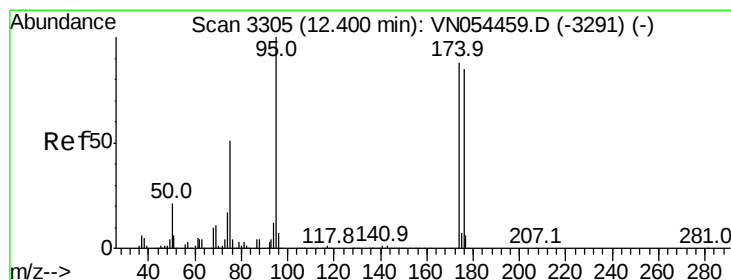
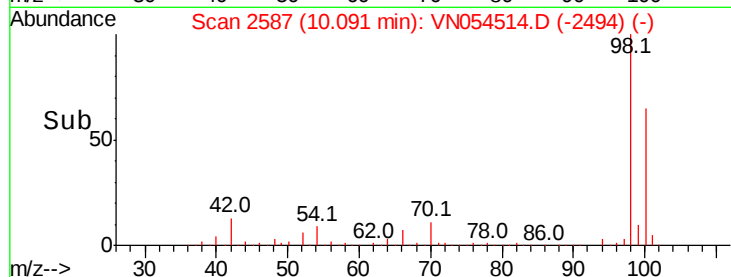
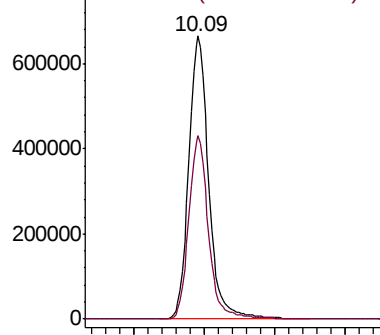
Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 41.798 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054514.D

Acq: 21 Mar 2019 16:37

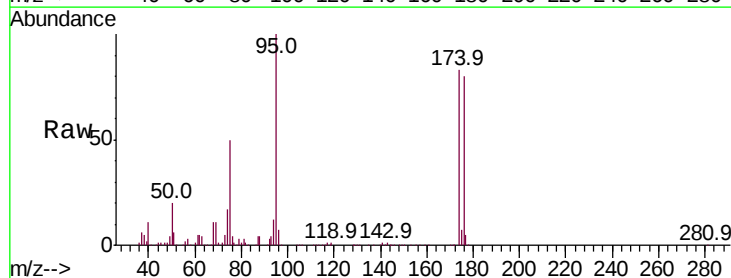
Tgt Ion: 95 Resp: 385370

Ion Ratio Lower Upper

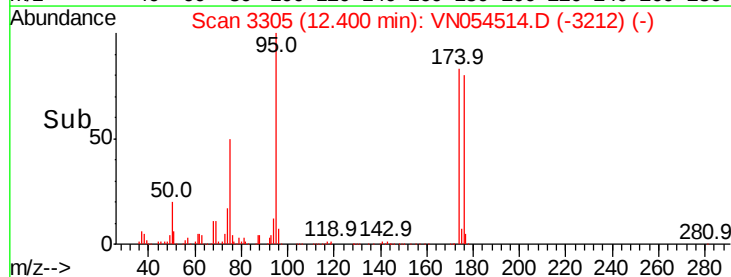
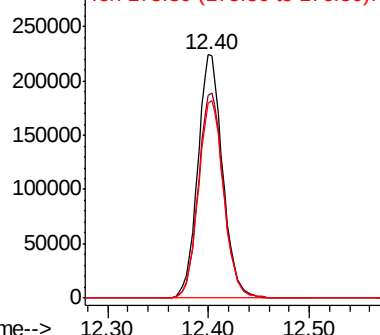
95 100

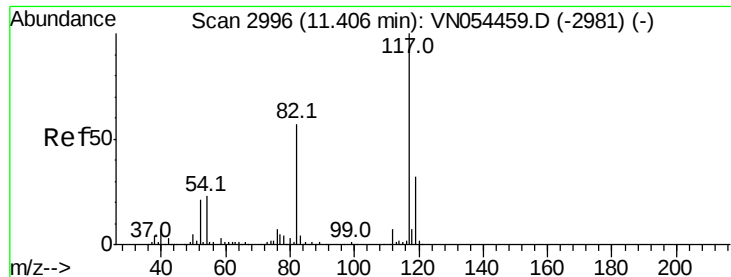
174 85.2 0.0 191.0

176 82.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

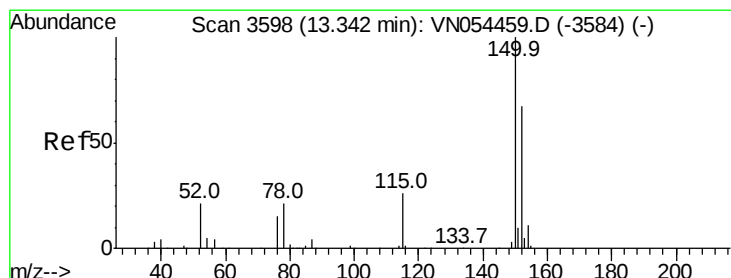
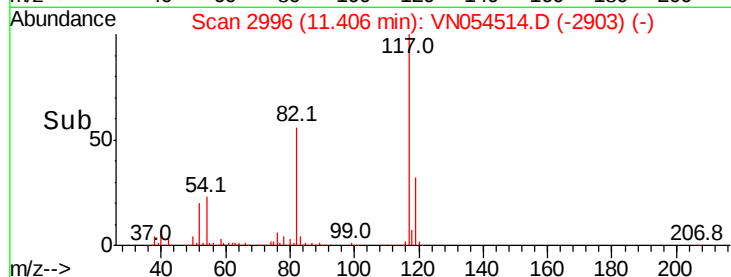
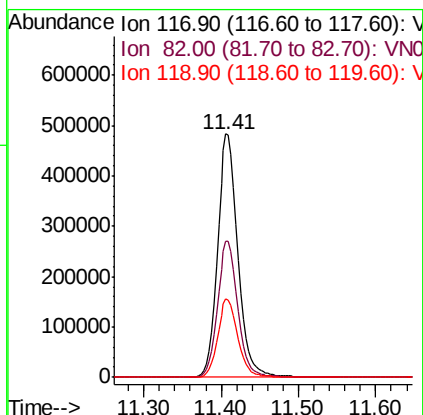
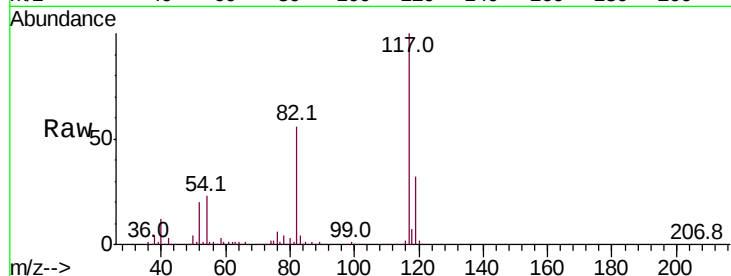




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054514.D
Acq: 21 Mar 2019 16:37

Instrument :
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Tot Ion:117 Resp: 891204
Ion Ratio Lower Upper
117 100
82 56.2 40.0 60.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054514.D
Acq: 21 Mar 2019 16:37

Tgt Ion:152 Resp: 311557
Ion Ratio Lower Upper
152 100
115 57.8 27.2 81.6
150 154.8 0.0 349.2

