

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054568.D
 Acq On : 22 Mar 2019 19:55
 Operator : JC/SP
 Sample : K1965-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW30212-20190315

Quant Time: Mar 23 04:12:31 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

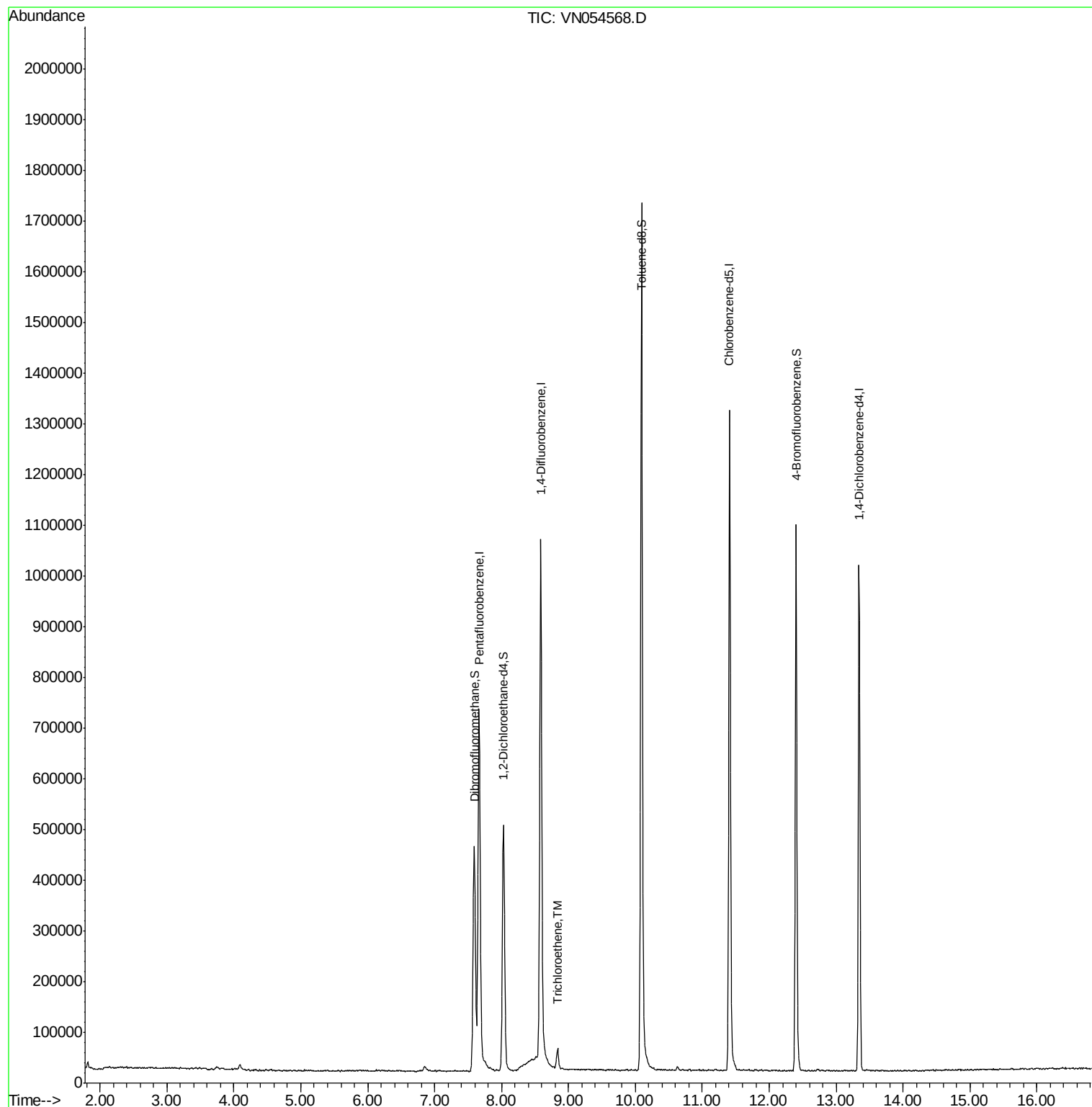
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	961796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	788218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	269240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	426274	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
35) Dibromofluoromethane	7.59	113	331241	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
50) Toluene-d8	10.09	98	1251864	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
62) 4-Bromofluorobenzene	12.40	95	371515	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
Target Compounds						
44) Trichloroethene	8.84	130	15469	2.164	ug/l	Qvalue 92

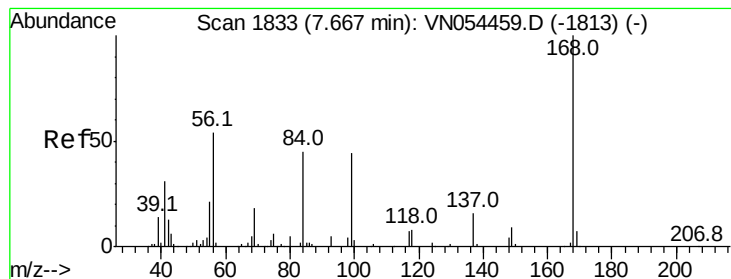
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032219\
Data File : VN054568.D
Acq On : 22 Mar 2019 19:55
Operator : JC/SP
Sample : K1965-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW30212-20190315

Quant Time: Mar 23 04:12:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 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: VN054568.D

Acq: 22 Mar 2019 19:55

Instrument :

MSVOA_N

ClientSampleId :

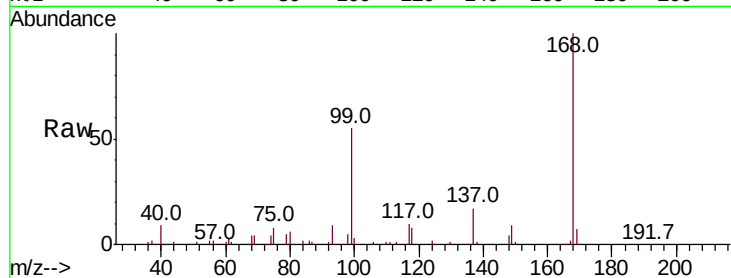
BPS1-TT-MW30212-20190315

Tot Ion:168 Resp: 621506

Ion Ratio Lower Upper

168 100

99 54.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

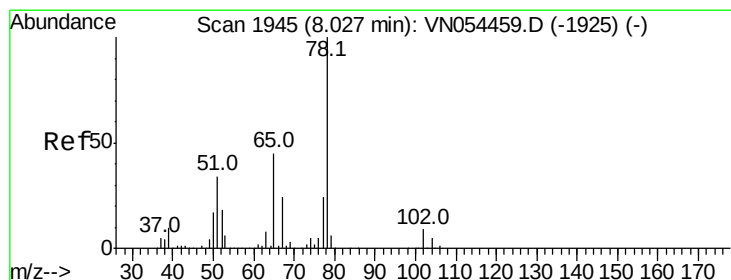
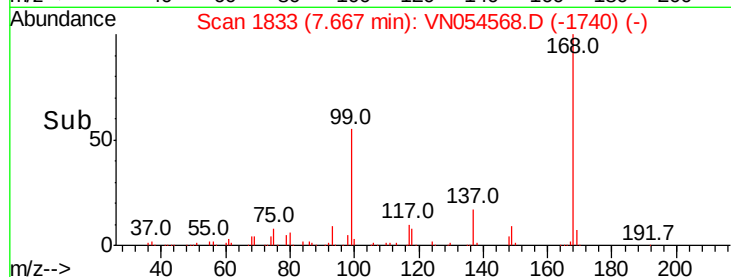
100000

50000

0

7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.142 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054568.D

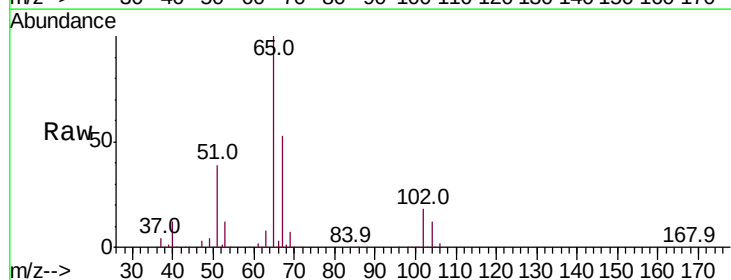
Acq: 22 Mar 2019 19:55

Tgt Ion: 65 Resp: 426274

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

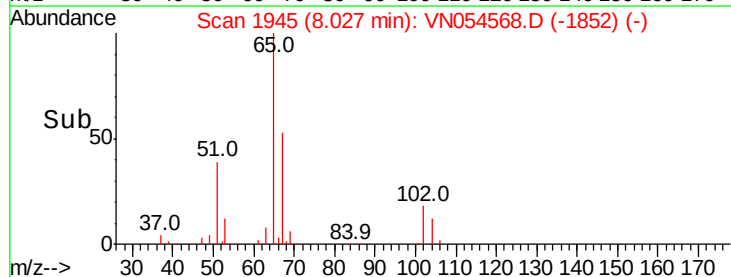
100000

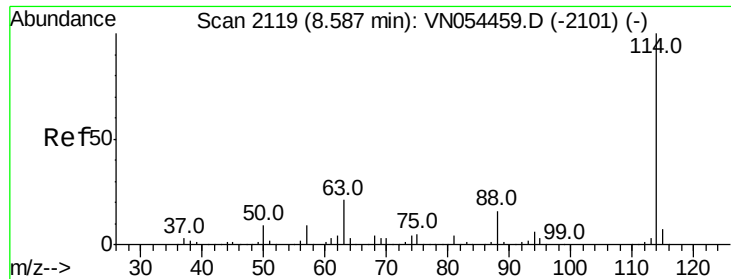
50000

0

7.90 8.00 8.10 8.20

Time-->

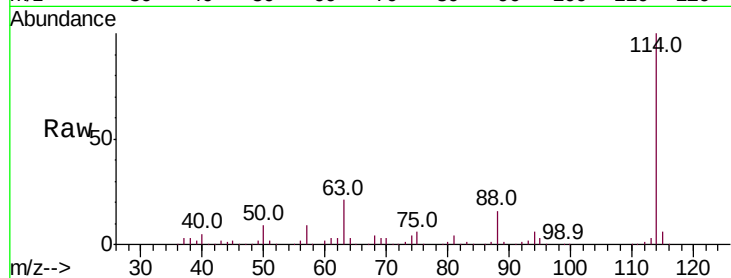




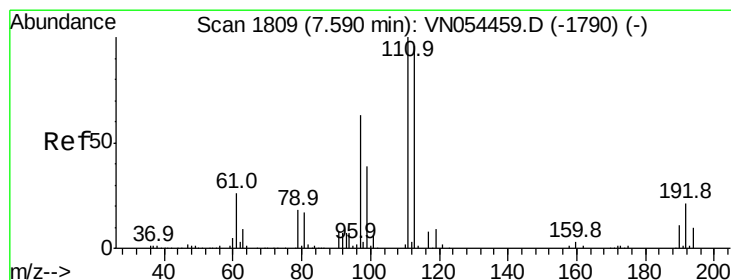
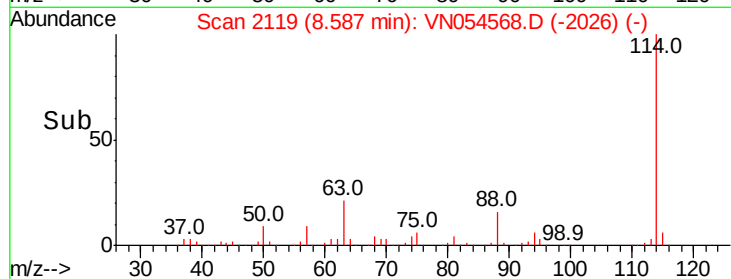
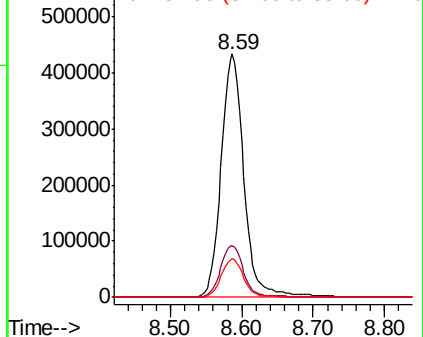
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054568.D
 Acq: 22 Mar 2019 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW30212-20190315

Tot Ion:	114	Resp:	961796
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	35.2
88	15.8	0.0	30.2

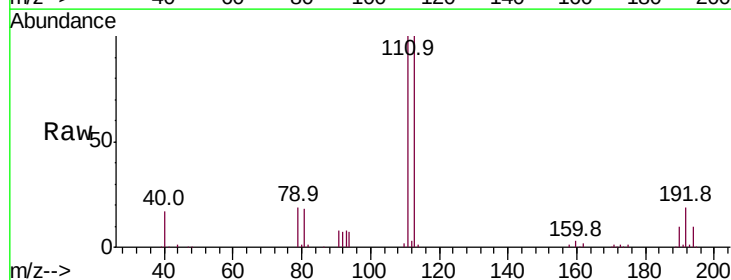


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

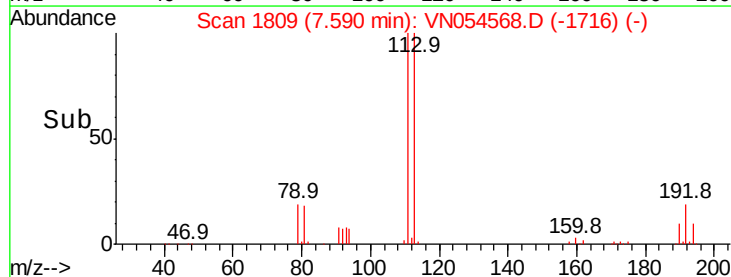
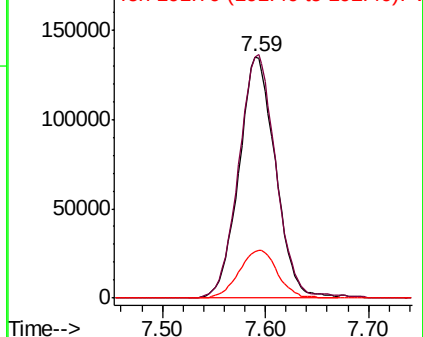


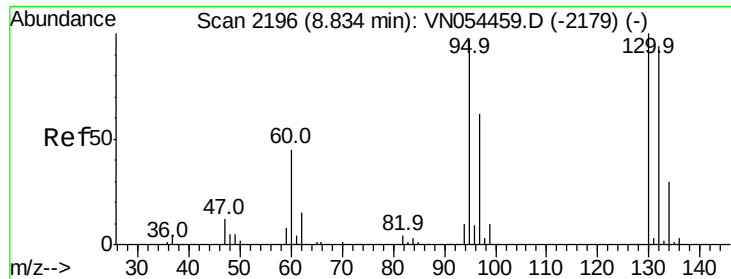
#35
 Dibromofluoromethane
 Concen: 53.457 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054568.D
 Acq: 22 Mar 2019 19:55

Tgt Ion:	113	Resp:	331241
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	20.9	19.2	28.8



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





#44

Trichloroethene

Concen: 2.164 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054568.D

Acq: 22 Mar 2019 19:55

Instrument :

MSVOA_N

ClientSampleId :

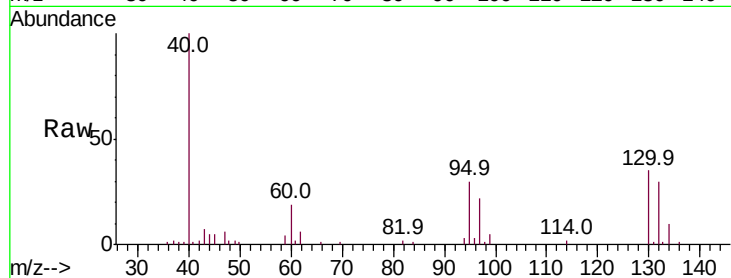
BPS1-TT-MW30212-20190315

Tot Ion:130 Resp: 15469

Ion Ratio Lower Upper

130 100

95 85.3 0.0 185.2



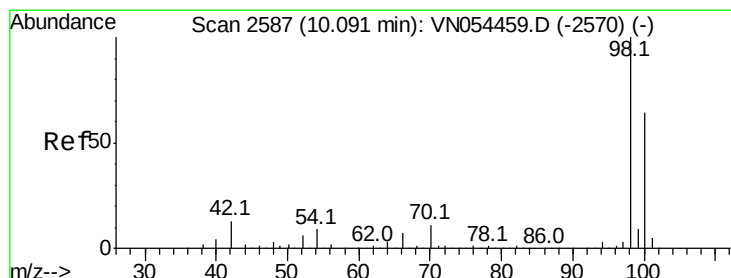
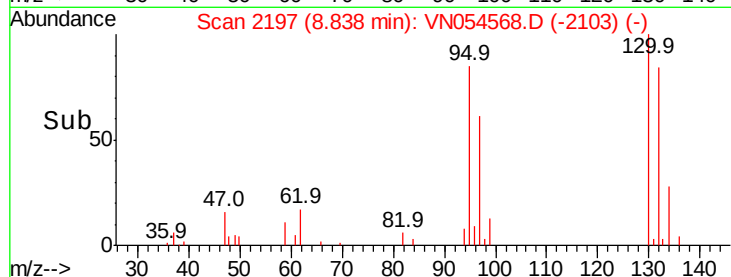
Abundance Ion 129.80 (129.50 to 130.50): VN054459.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN054459.D (-2179) (-)

8.84

8.80 8.85 8.90

Time-->



#50

Toluene-d8

Concen: 53.741 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054568.D

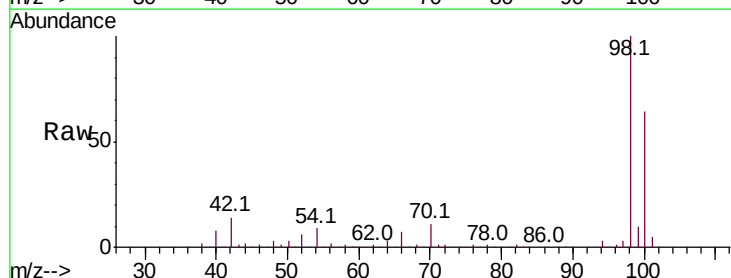
Acq: 22 Mar 2019 19:55

Tgt Ion: 98 Resp: 1251864

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



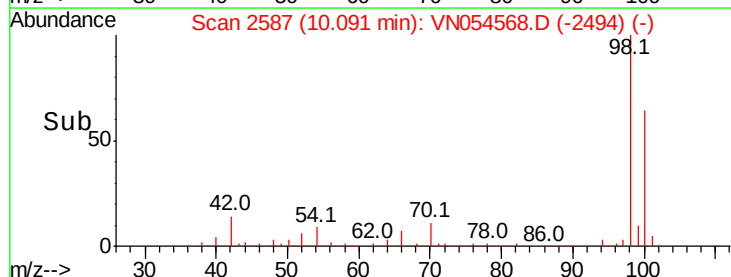
Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

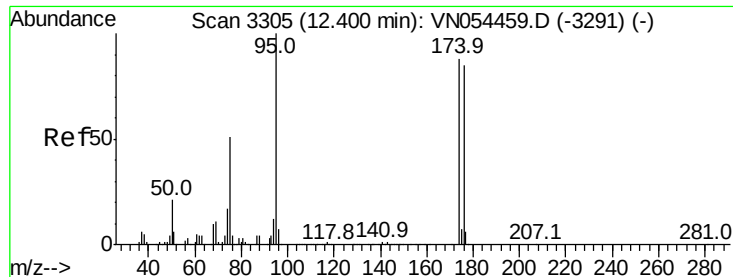
Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

10.09

10.00 10.10 10.20 10.30

Time-->





#62

4-Bromofluorobenzene

Concen: 46.869 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054568.D

Acq: 22 Mar 2019 19:55

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30212-20190315

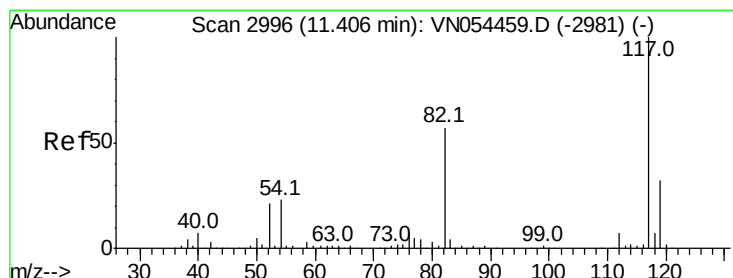
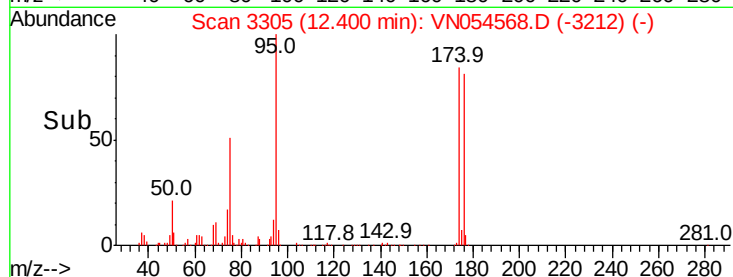
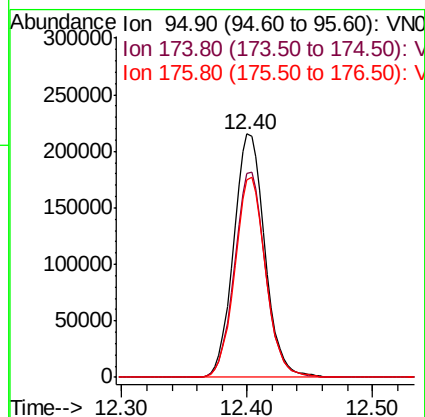
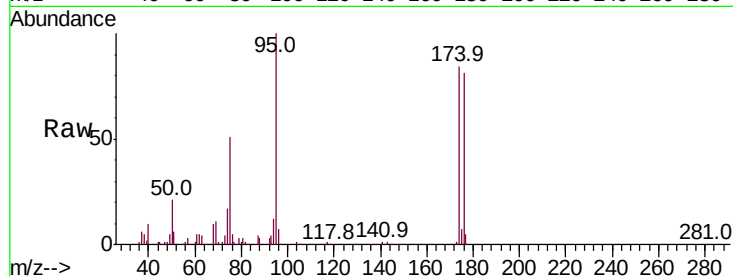
Tot Ion: 95 Resp: 371515

Ion Ratio Lower Upper

95 100

174 83.5 0.0 191.0

176 81.3 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054568.D

Acq: 22 Mar 2019 19:55

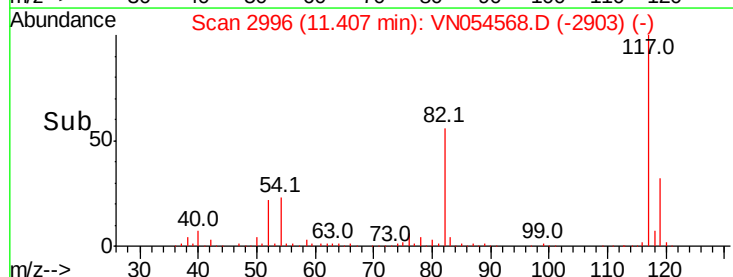
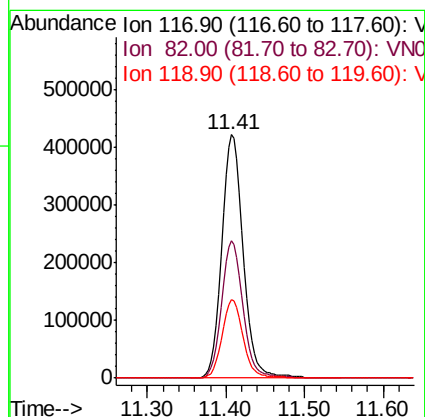
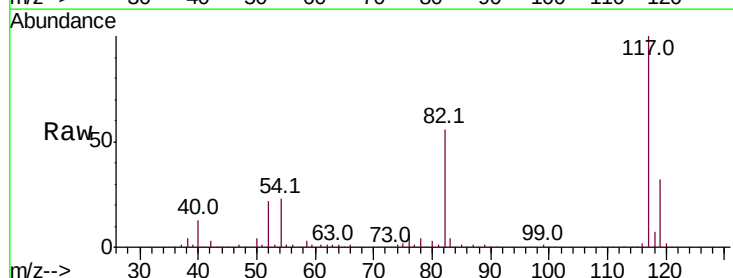
Tgt Ion: 117 Resp: 788218

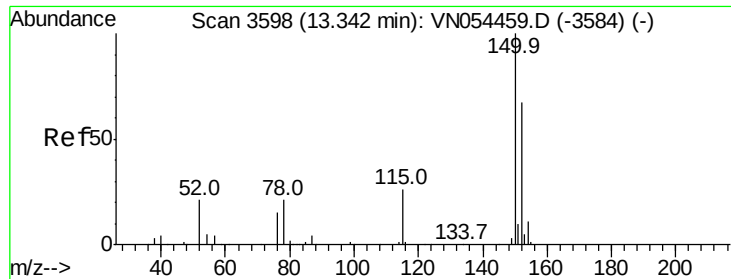
Ion Ratio Lower Upper

117 100

82 56.3 40.0 60.0

119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054568.D

Acq: 22 Mar 2019 19:55

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30212-20190315

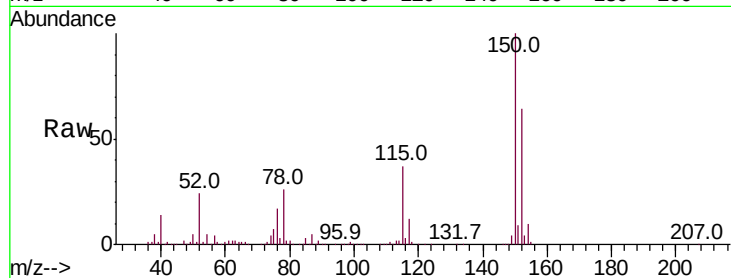
Tot Ion:152 Resp: 269240

Ion Ratio Lower Upper

152 100

115 58.0 27.2 81.6

150 157.9 0.0 349.2



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

