

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054513.D
 Acq On : 21 Mar 2019 16:10
 Operator : JC/SP
 Sample : K1965-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW311S-20190314

Quant Time: Mar 22 10:34:57 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	728222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1077614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	890879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	316826	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	423506	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
35) Dibromofluoromethane	7.59	113	333932	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
50) Toluene-d8	10.09	98	1280023	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.40	95	387641	43.65	ug/l	0.00
Spiked Amount			Recovery	=	87.30%	

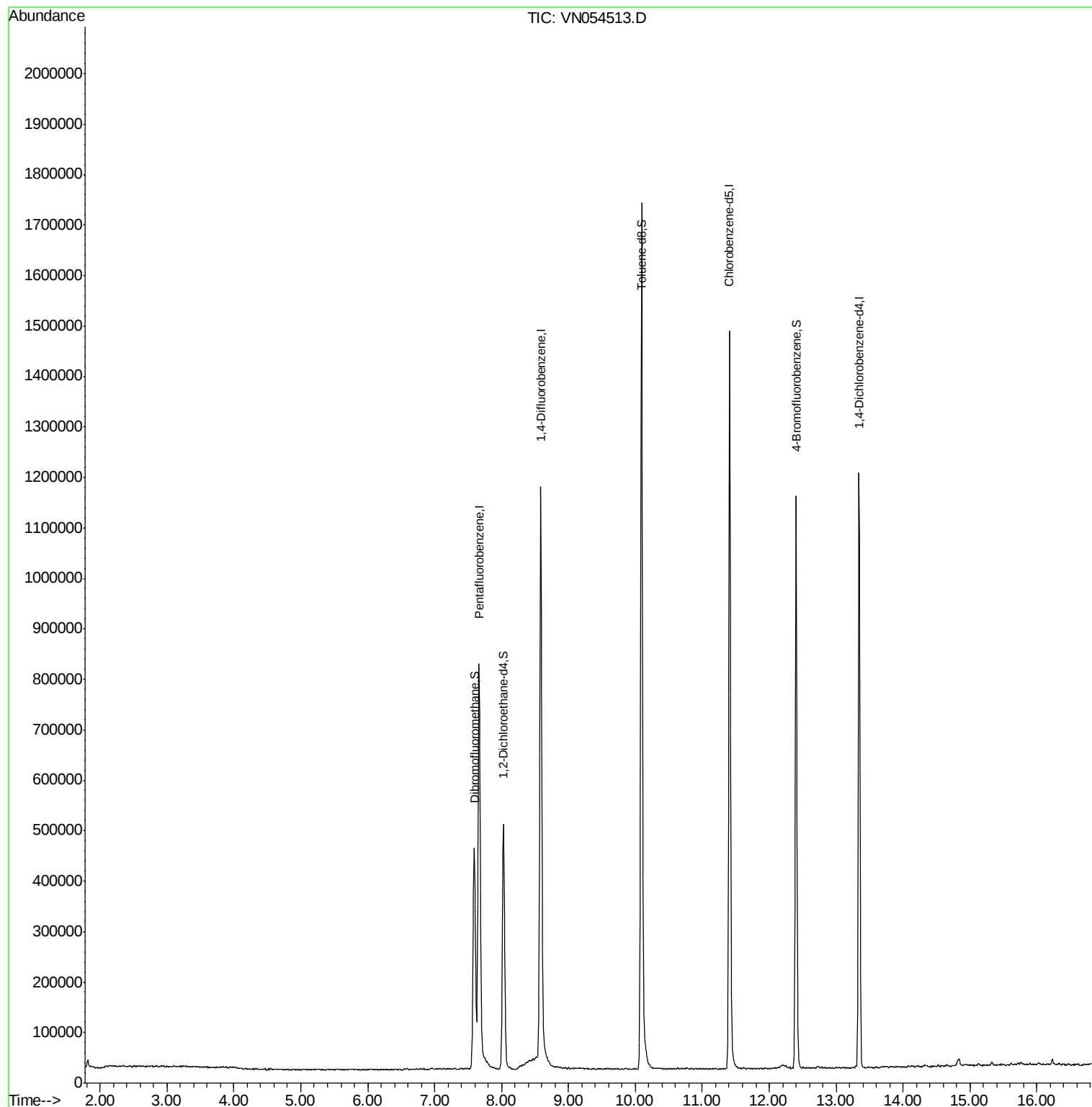
Target Compounds	Qvalue
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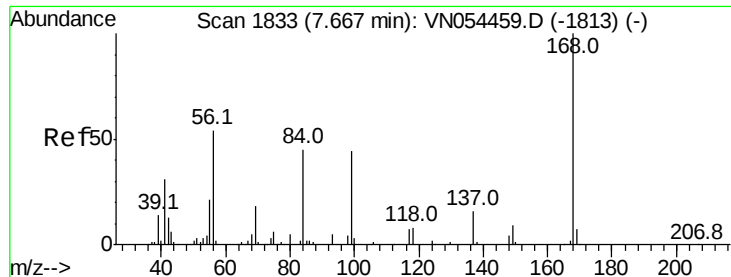
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
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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: VN054513.D

Acq: 21 Mar 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

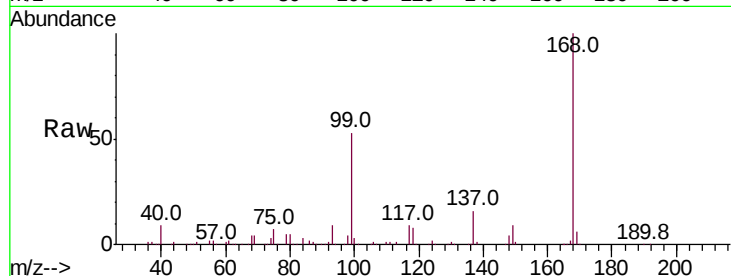
BPS1-TT-MW311S-20190314

Tot Ion:168 Resp: 728222

Ion Ratio Lower Upper

168 100

99 52.7 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

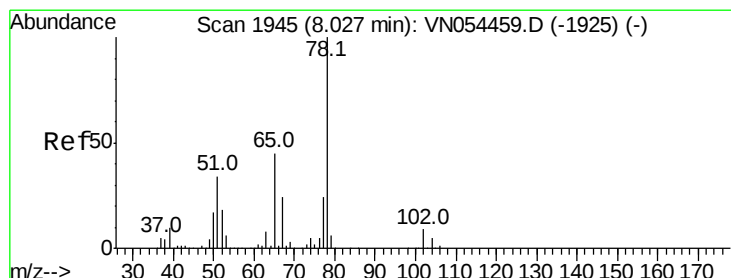
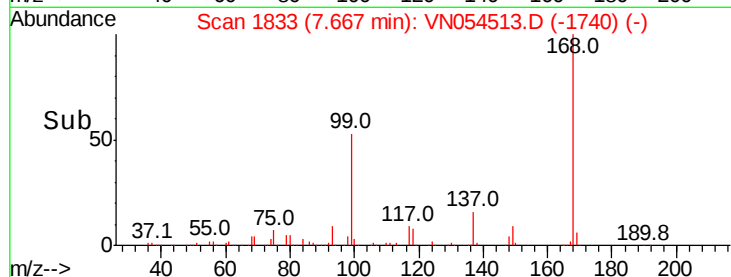
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 46.755 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054513.D

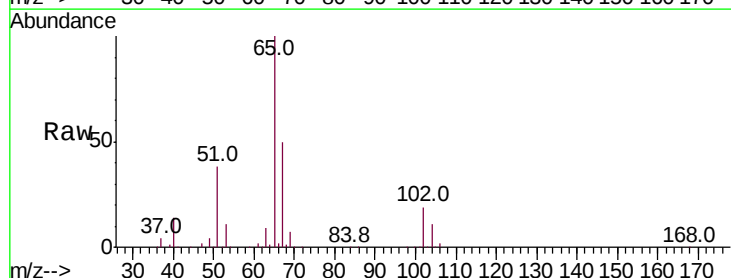
Acq: 21 Mar 2019 16:10

Tgt Ion: 65 Resp: 423506

Ion Ratio Lower Upper

65 100

67 51.9 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

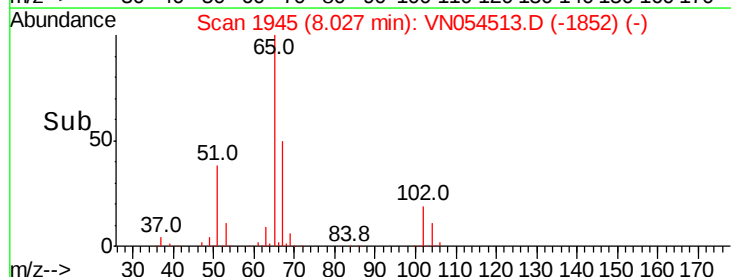
150000

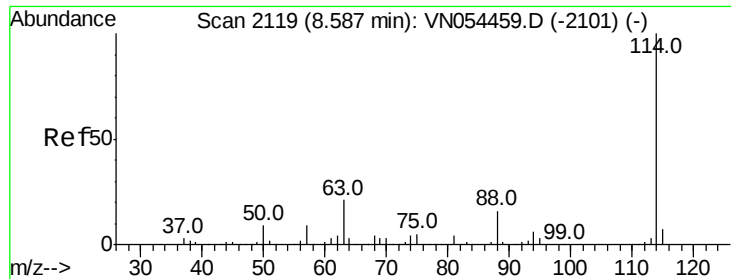
100000

50000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054513.D

Acq: 21 Mar 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW311S-20190314

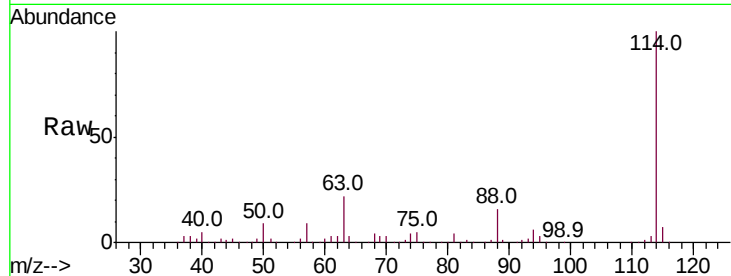
Tot Ion:114 Resp: 1077614

Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.2

88 15.5 0.0 30.2



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

600000

500000

400000

300000

200000

100000

0

8.59

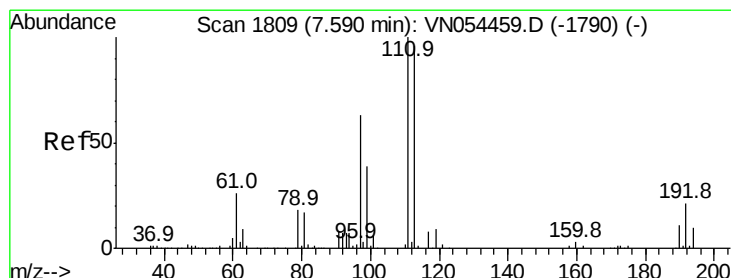
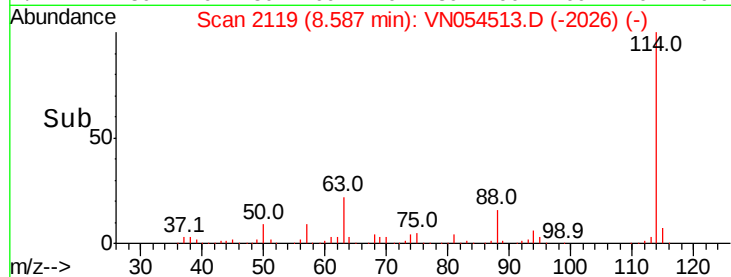
8.50

8.60

8.70

8.80

Time-->



#35

Dibromofluoromethane

Concen: 48.100 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054513.D

Acq: 21 Mar 2019 16:10

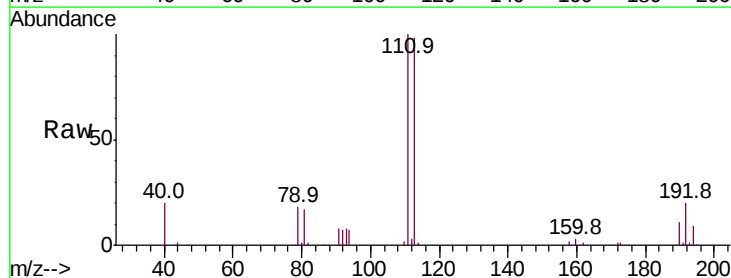
Tgt Ion:113 Resp: 333932

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 21.0 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

150000

100000

50000

0

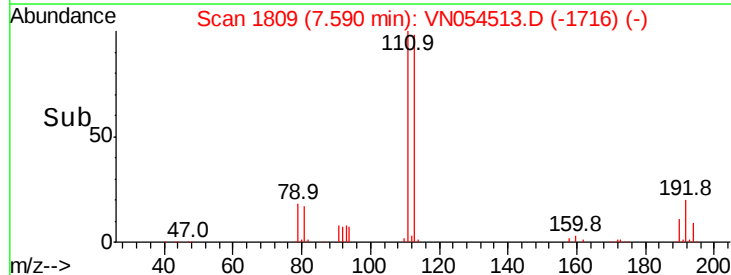
7.59

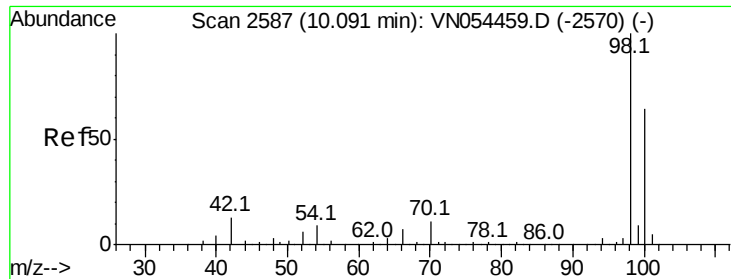
7.50

7.60

7.70

Time-->





#50

Toluene-d8

Concen: 49.044 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054513.D

Acq: 21 Mar 2019 16:10

Instrument :

MSVOA_N

ClientSampleId :

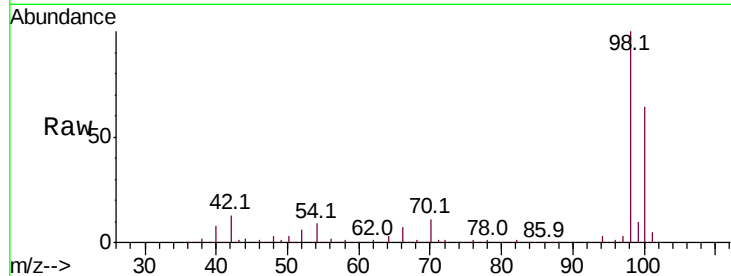
BPS1-TT-MW311S-20190314

Tot Ion: 98 Resp: 1280023

Ion Ratio Lower Upper

98 100

100 63.8 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

600000

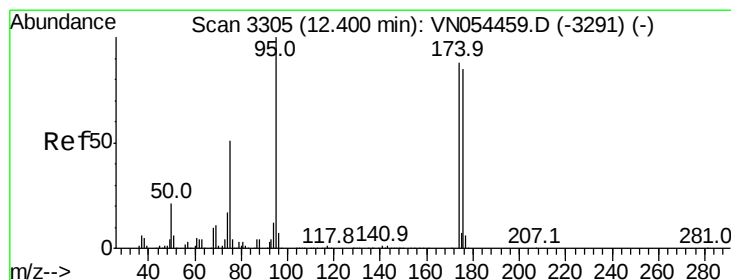
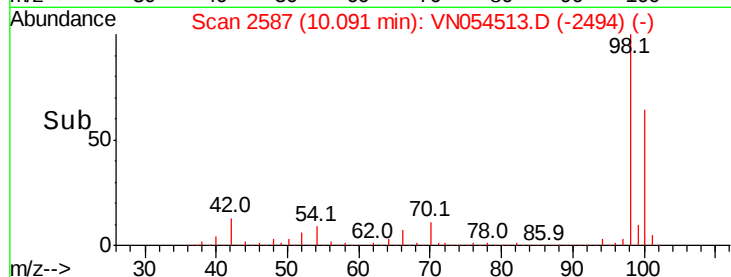
400000

200000

0

10.00 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 43.647 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054513.D

Acq: 21 Mar 2019 16:10

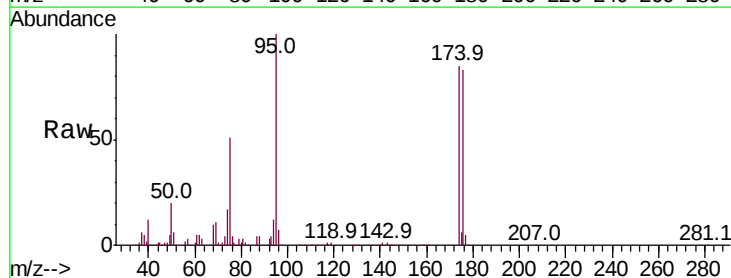
Tgt Ion: 95 Resp: 387641

Ion Ratio Lower Upper

95 100

174 85.6 0.0 191.0

176 84.0 0.0 187.4



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

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)

12.40

300000

250000

200000

150000

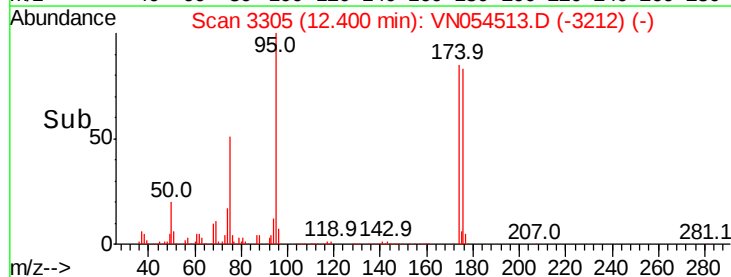
100000

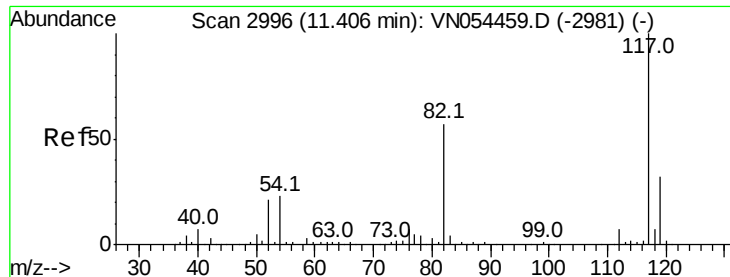
50000

0

12.30 12.40 12.50

Time-->

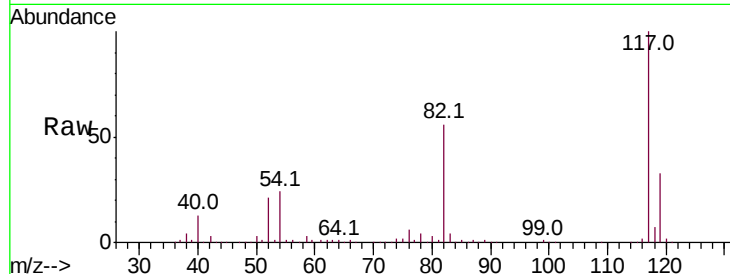




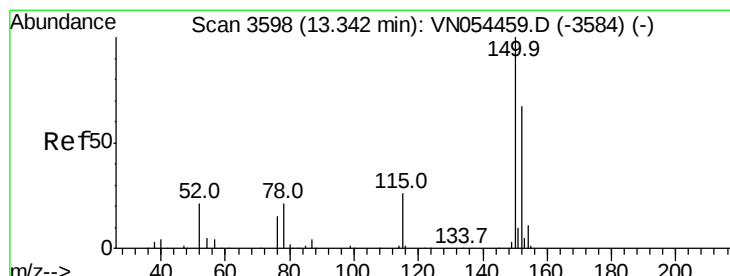
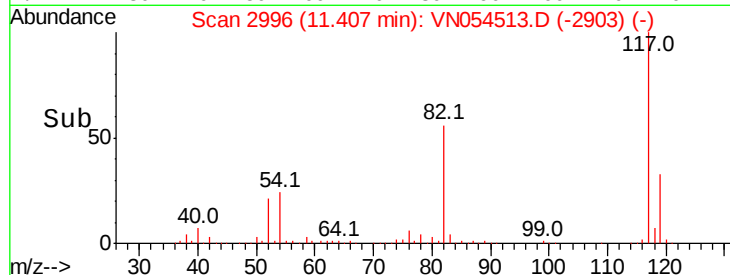
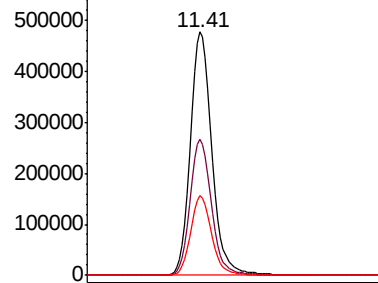
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054513.D
Acq: 21 Mar 2019 16:10

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW311S-20190314

Tot Ion:117 Resp: 890879
Ion Ratio Lower Upper
117 100
82 56.0 40.0 60.0
119 32.5 25.8 38.6

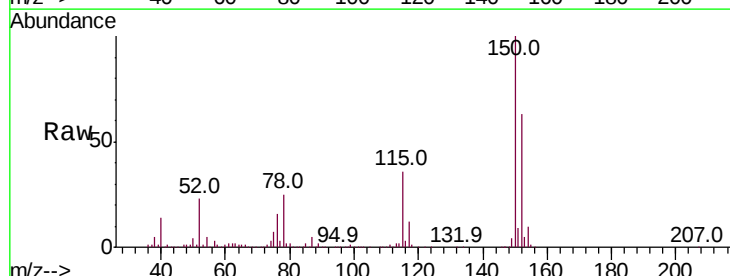


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054513.D
Acq: 21 Mar 2019 16:10

Tgt Ion:152 Resp: 316826
Ion Ratio Lower Upper
152 100
115 58.2 27.2 81.6
150 158.3 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

