

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054523.D
 Acq On : 21 Mar 2019 20:45
 Operator : JC/SP
 Sample : K2019-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL001-190319

Quant Time: Mar 22 11:05:04 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	445159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	825489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	866184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	323442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	313194	56.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.12%	
35) Dibromofluoromethane	7.59	113	263081	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	10.09	98	1077282	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
62) 4-Bromofluorobenzene	12.40	95	403868	59.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.72%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.83	96	28860	5.519	ug/l	Qvalue 93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

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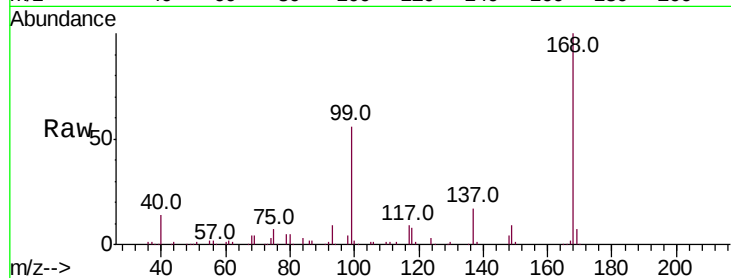
OUTFALL001-190319

Tot Ion:168 Resp: 445159

Ion Ratio Lower Upper

168 100

99 55.7 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

200000

150000

100000

50000

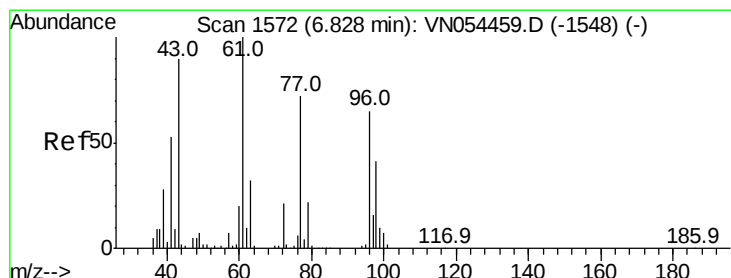
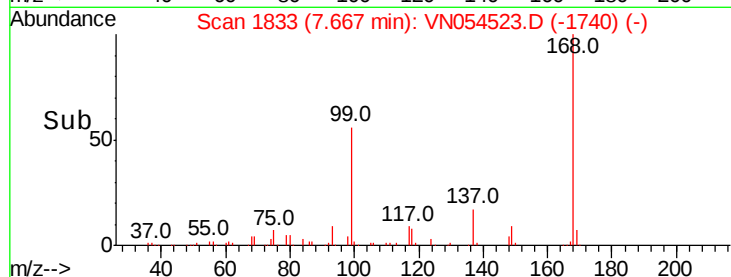
0

Time-->

7.60

7.70

7.80



#27

cis-1,2-Dichloroethene

Concen: 5.519 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054523.D

Acq: 21 Mar 2019 20:45

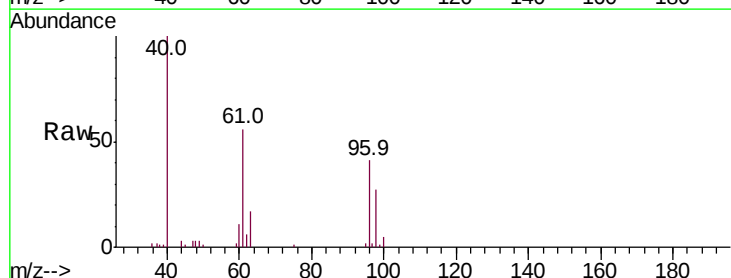
Tgt Ion: 96 Resp: 28860

Ion Ratio Lower Upper

96 100

61 147.2 0.0 273.0

98 66.9 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

15000

10000

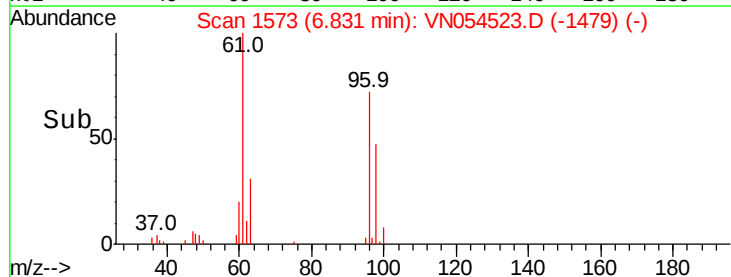
5000

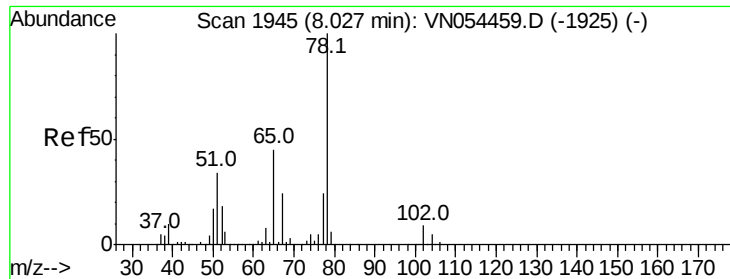
0

Time-->

6.80

6.90





#33

1,2-Dichloroethane-d4

Concen: 56.563 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

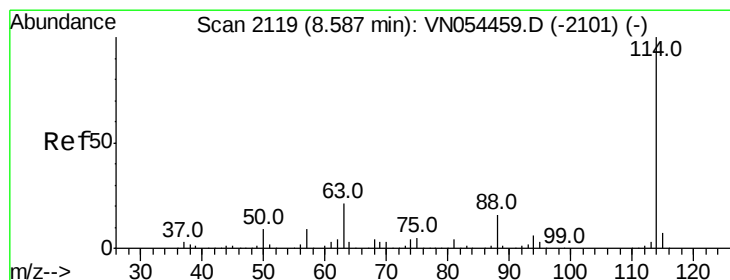
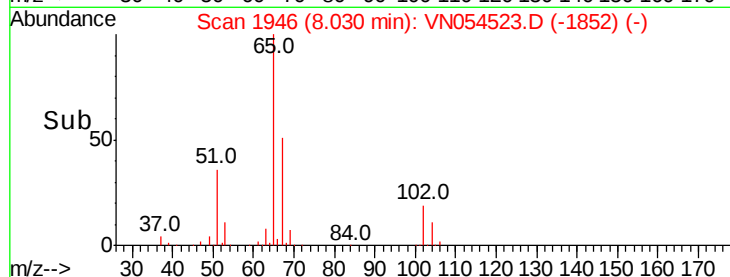
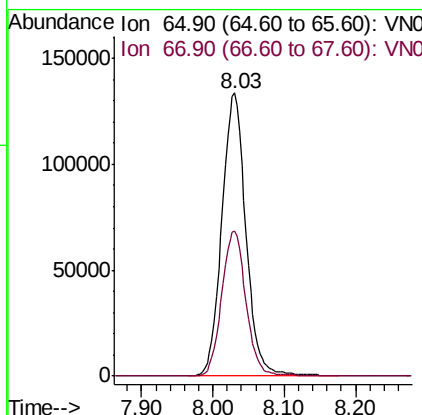
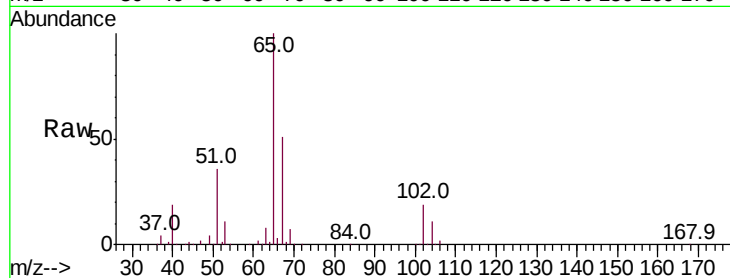
Lab File: VN054523.D

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Instrument :
MSVOA_N
ClientSampleId :
OUTFALL001-190319

Tot Ion: 65 Resp: 313194

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

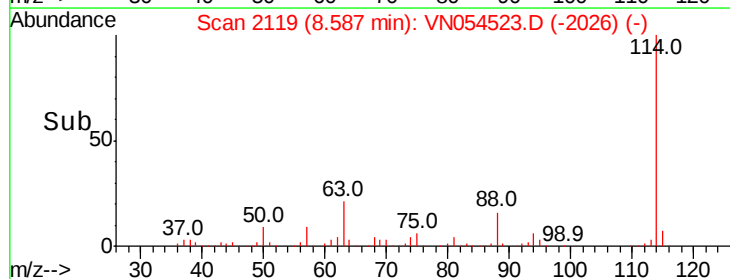
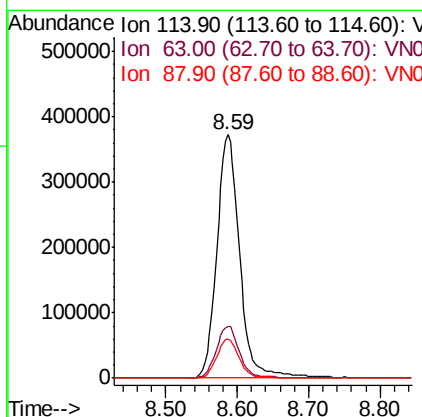
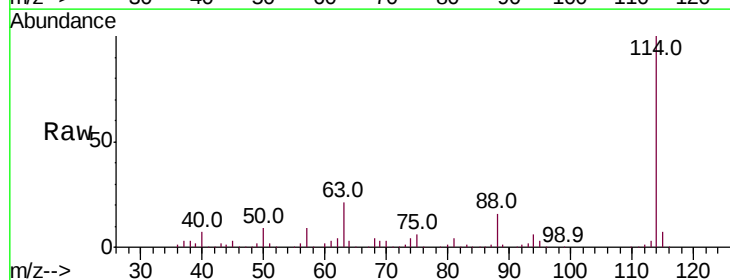
Delta R.T. 0.00 min

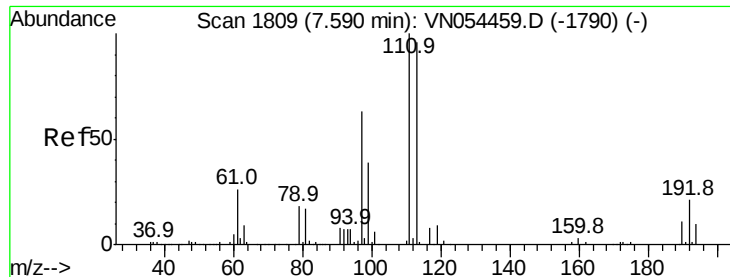
Lab File: VN054523.D

Acq: 21 Mar 2019 20:45

Tgt Ion: 114 Resp: 825489

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	35.2
88	16.1	0.0	30.2

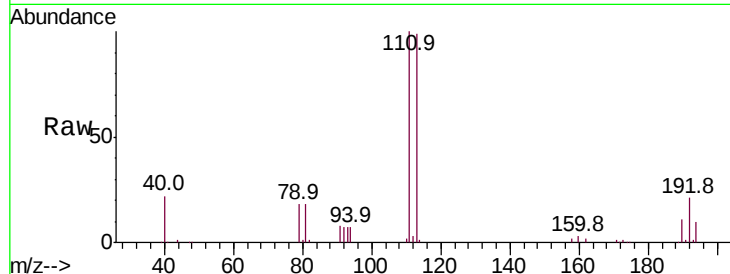




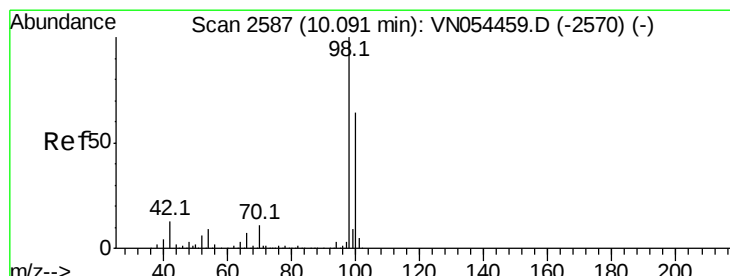
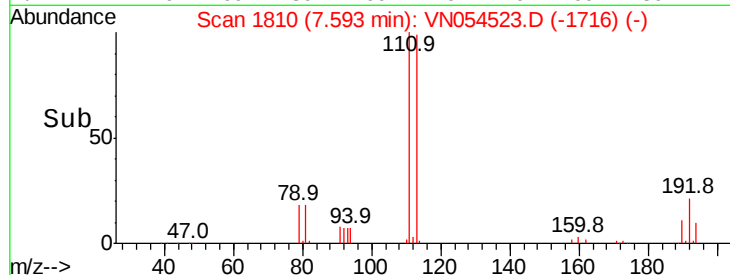
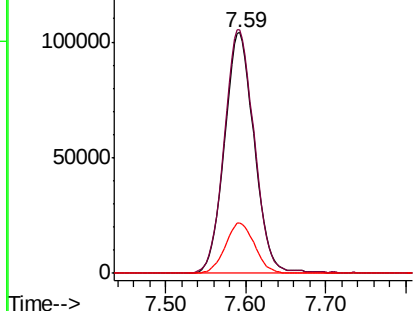
#35
 Dibromofluoromethane
 Concen: 49.468 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054523.D
 Acq: 21 Mar 2019 20:45

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL001-190319

Tot Ion:113 Resp: 263081
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 20.6 19.2 28.8

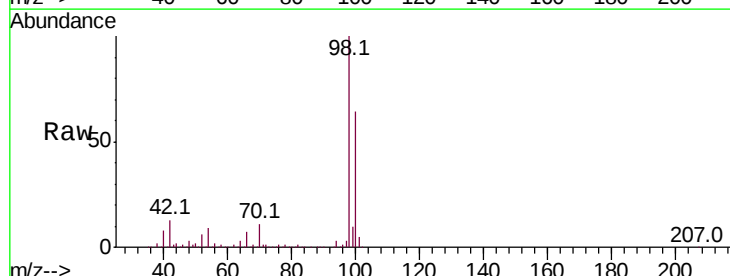


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

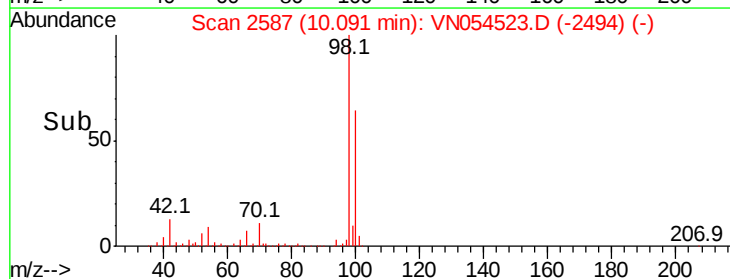
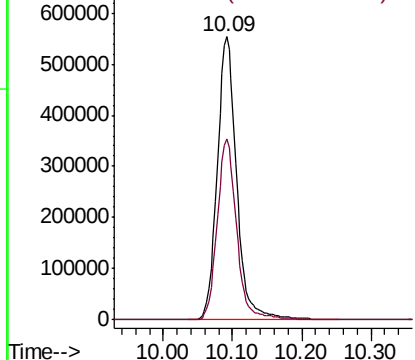


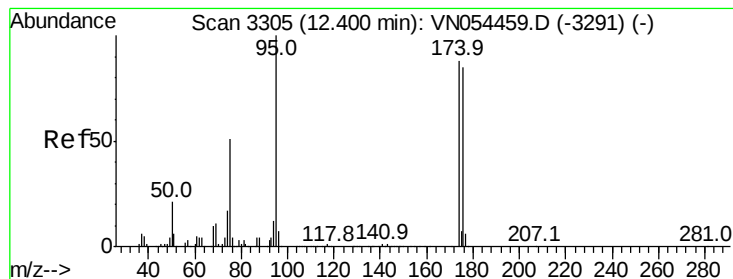
#50
 Toluene-d8
 Concen: 53.882 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN054523.D
 Acq: 21 Mar 2019 20:45

Tgt Ion: 98 Resp: 1077282
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): V
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 59.363 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054523.D

Acq: 21 Mar 2019 20:45

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-190319

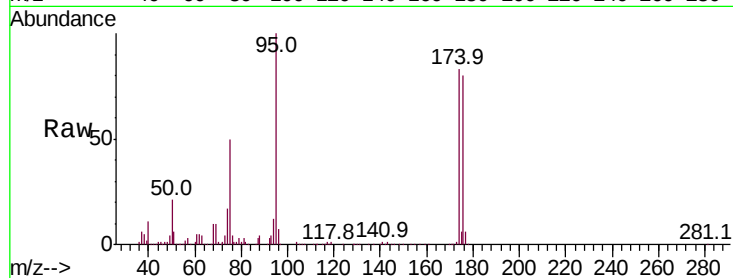
Tot Ion: 95 Resp: 403868

Ion Ratio Lower Upper

95 100

174 84.3 0.0 191.0

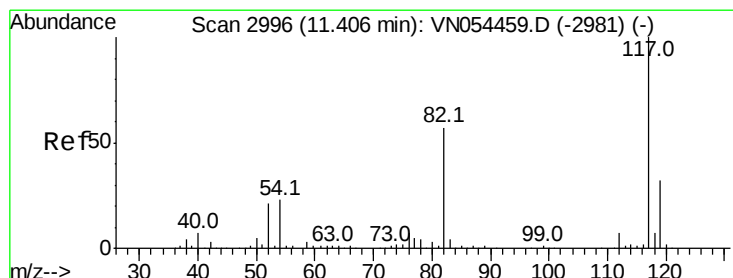
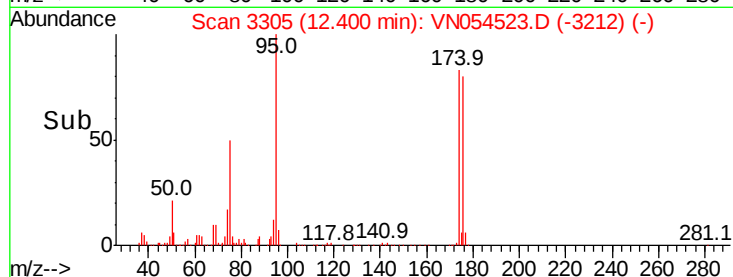
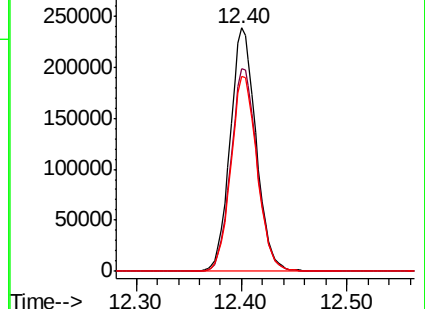
176 81.1 0.0 187.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054523.D

Acq: 21 Mar 2019 20:45

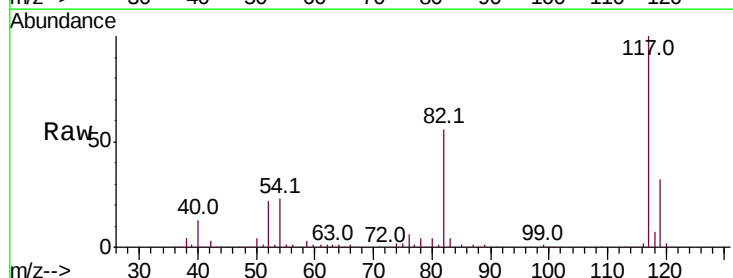
Tgt Ion: 117 Resp: 866184

Ion Ratio Lower Upper

117 100

82 55.7 40.0 60.0

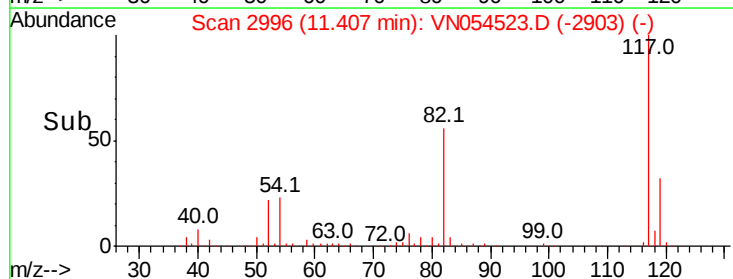
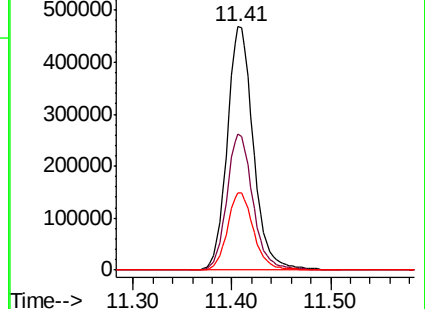
119 31.9 25.8 38.6

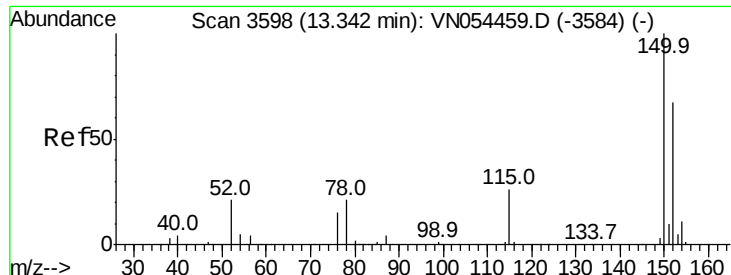


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054523.D

Acq: 21 Mar 2019 20:45

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-190319

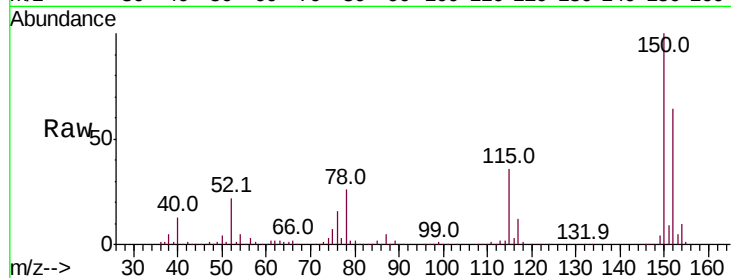
Tot Ion:152 Resp: 323442

Ion Ratio Lower Upper

152 100

115 56.2 27.2 81.6

150 155.9 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

