

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054518.D
 Acq On : 21 Mar 2019 18:27
 Operator : JC/SP
 Sample : K1965-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-DUP05-20190315

Quant Time: Mar 22 10:51:12 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

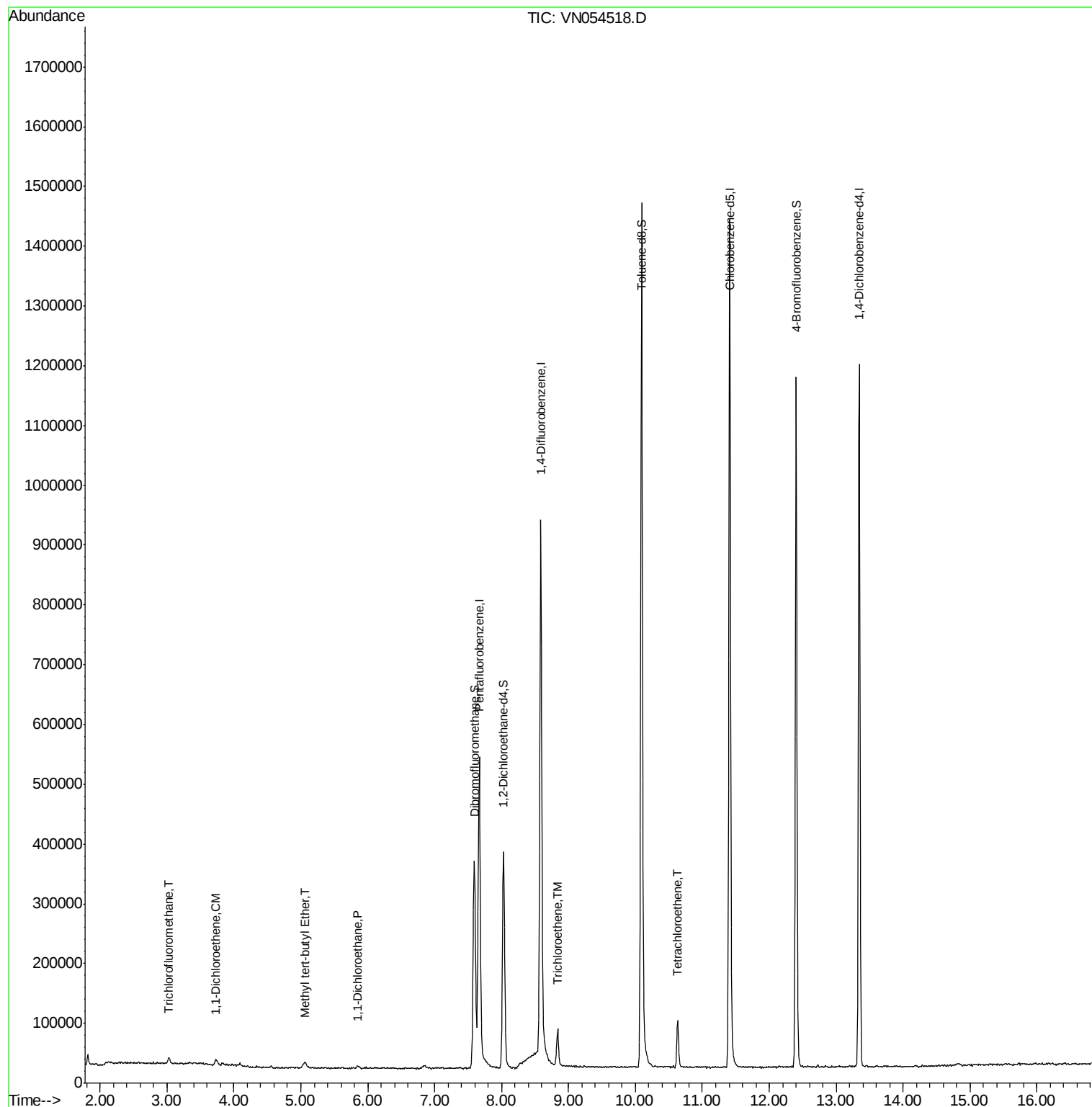
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	465574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	841231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	316700	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
35) Dibromofluoromethane	7.59	113	264419	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	10.09	98	1086012	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.40	95	398382	57.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.92%	
Target Compounds						
7) Trichlorofluoromethane	3.02	101	9517	1.289	ug/l	98
12) 1,1-Dichloroethene	3.73	96	3373	0.751	ug/l	89
19) Methyl tert-butyl Ether	5.06	73	15075	1.150	ug/l	97
24) 1,1-Dichloroethane	5.85	63	5972	0.665	ug/l #	83
44) Trichloroethene	8.84	130	23028	3.683	ug/l	88
64) Tetrachloroethene	10.63	164	19598	2.703	ug/l	95

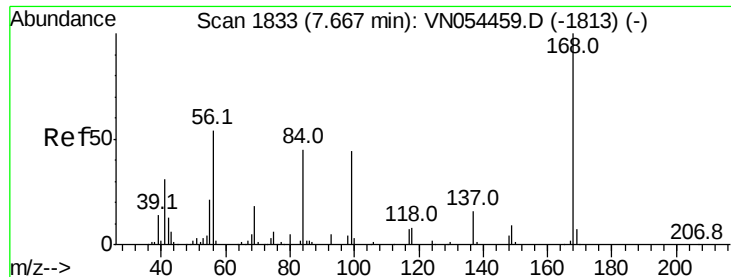
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
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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: VN054518.D

Acq: 21 Mar 2019 18:27

Instrument :

MSVOA_N

ClientSampleId :

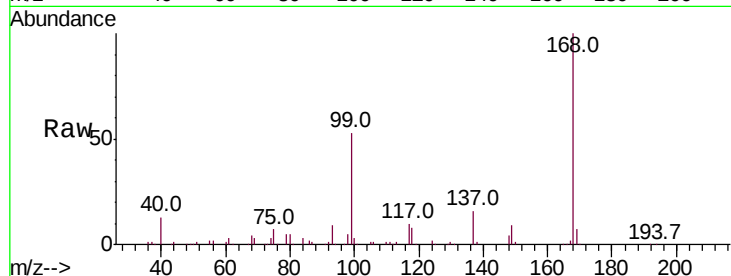
BP-DUP05-20190315

Tot Ion:168 Resp: 465574

Ion Ratio Lower Upper

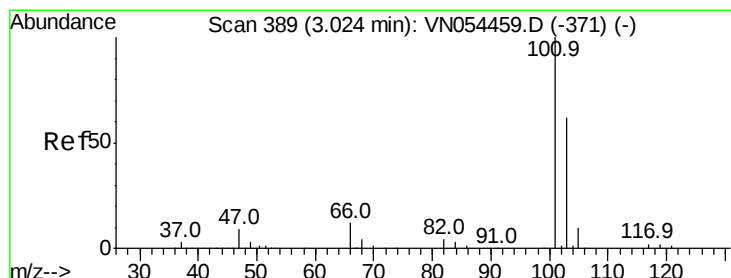
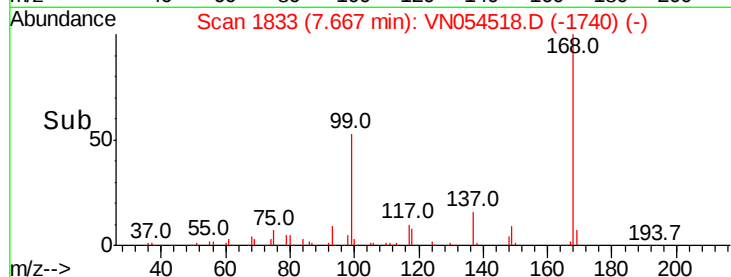
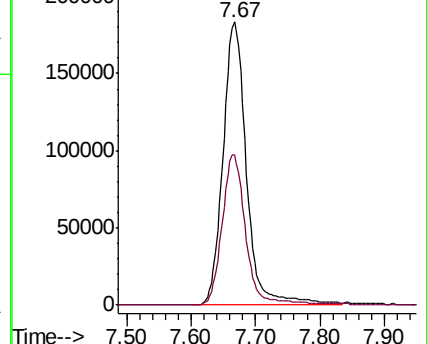
168 100

99 53.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#7

Trichlorofluoromethane

Concen: 1.289 ug/l

RT: 3.02 min Scan# 389

Delta R.T. -0.00 min

Lab File: VN054518.D

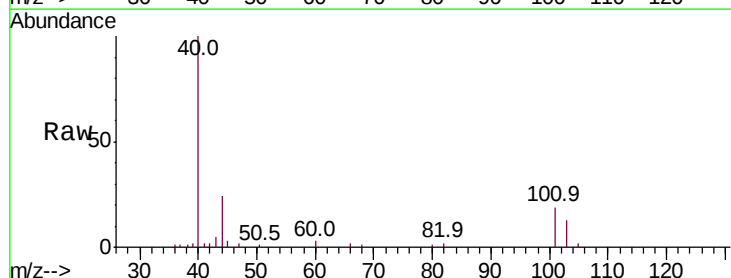
Acq: 21 Mar 2019 18:27

Tgt Ion:101 Resp: 9517

Ion Ratio Lower Upper

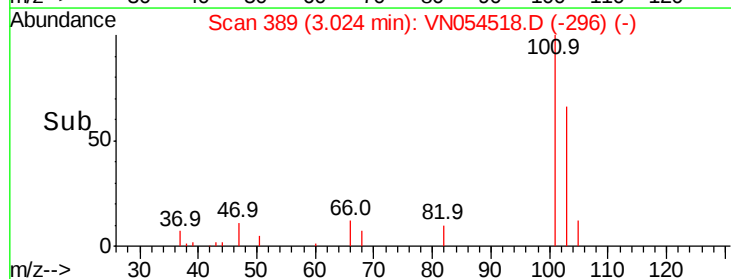
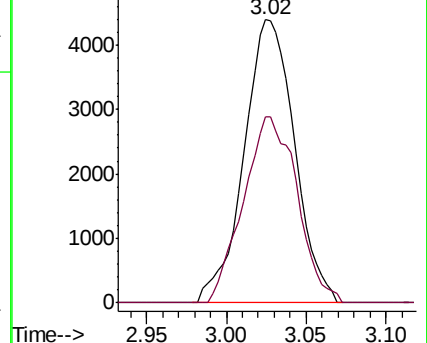
101 100

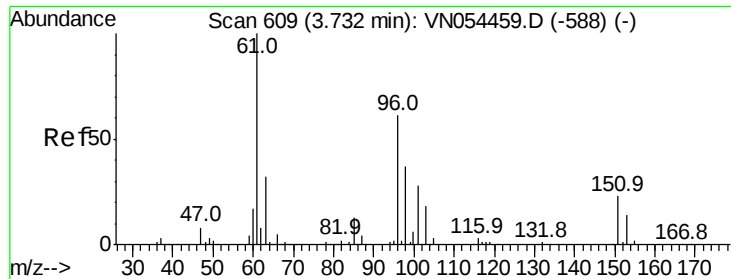
103 65.8 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#12

1,1-Dichloroethene

Concen: 0.751 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN054518.D

Acq: 21 Mar 2019 18:27

Instrument :

MSVOA_N

ClientSampleId :

BP-DUP05-20190315

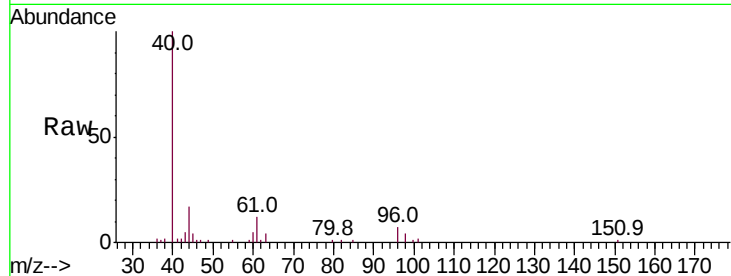
Tot Ion: 96 Resp: 3373

Ion Ratio Lower Upper

96 100

61 158.8 116.5 174.7

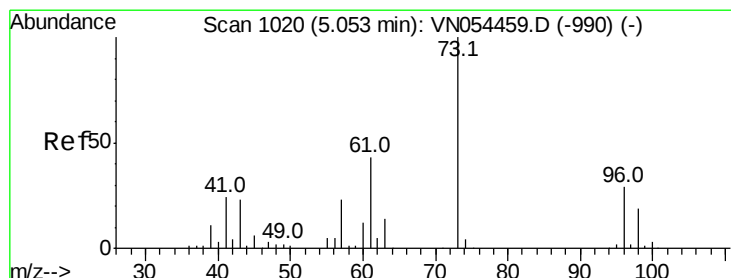
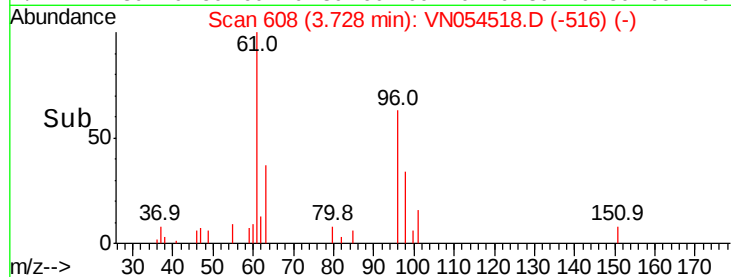
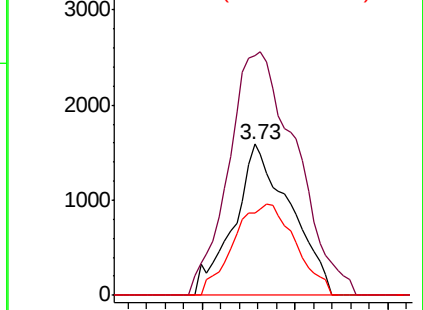
98 54.6 51.0 76.4



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



#19

Methyl tert-butyl Ether

Concen: 1.150 ug/l

RT: 5.06 min Scan# 1021

Delta R.T. 0.00 min

Lab File: VN054518.D

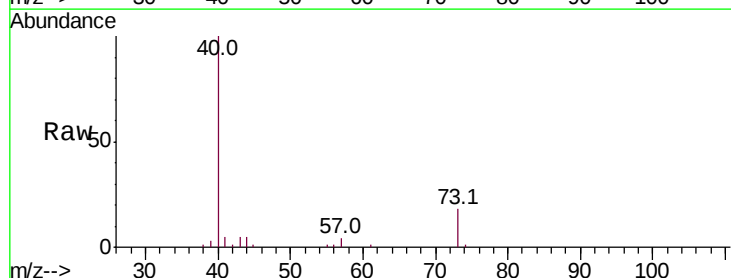
Acq: 21 Mar 2019 18:27

Tgt Ion: 73 Resp: 15075

Ion Ratio Lower Upper

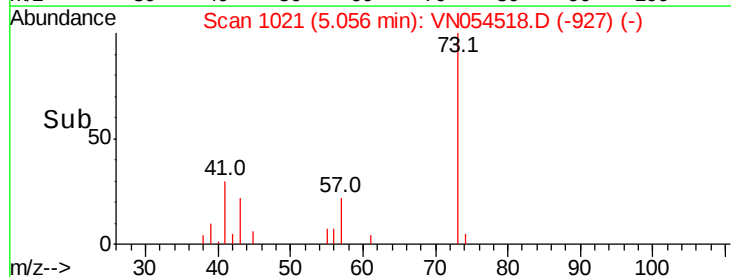
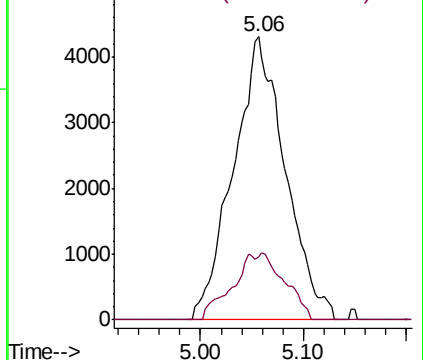
73 100

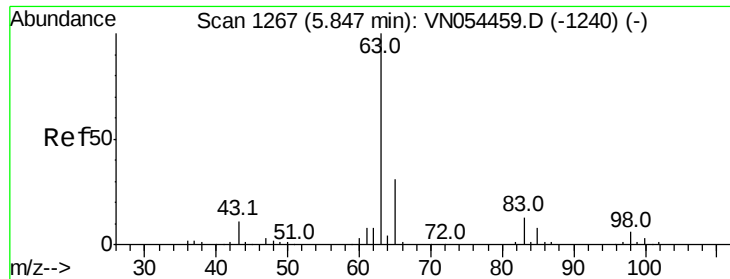
57 22.4 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

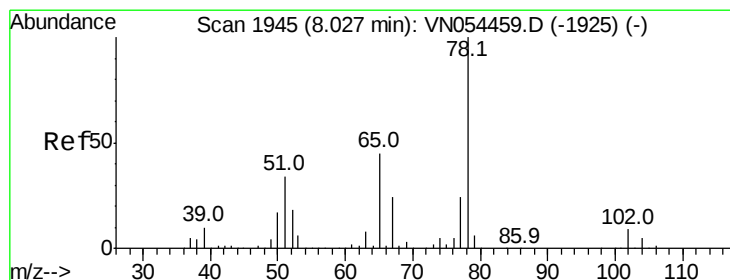
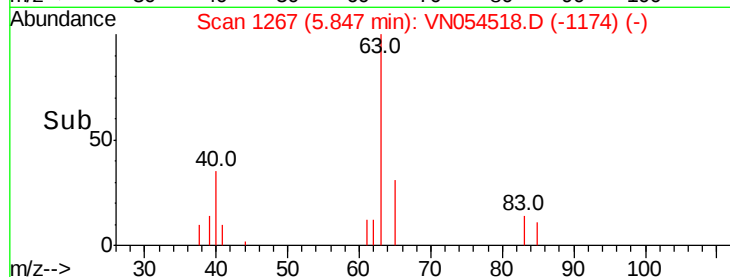
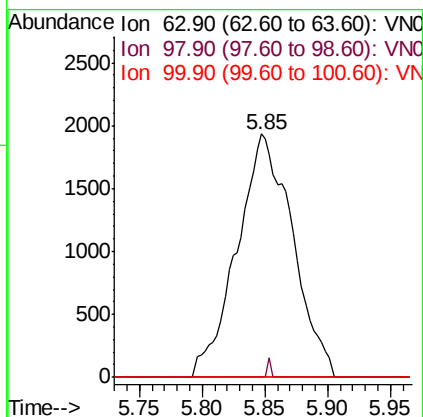
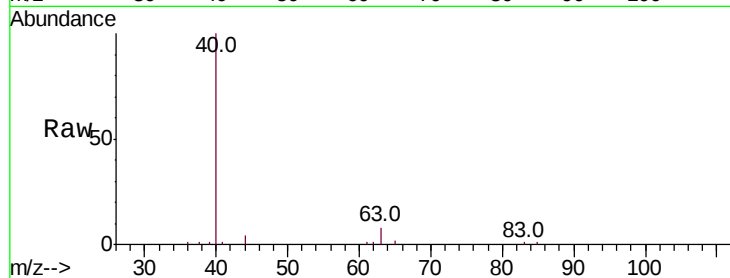




#24
 1,1-Dichloroethane
 Concen: 0.665 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN054518.D
 Acq: 21 Mar 2019 18:27

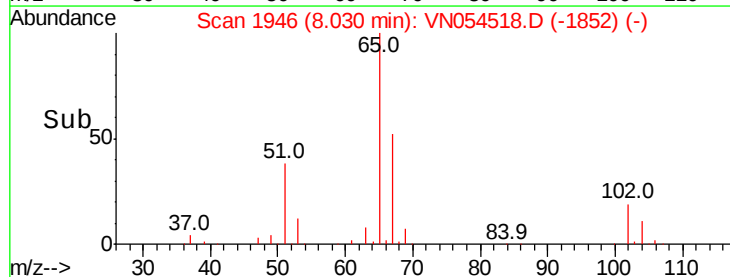
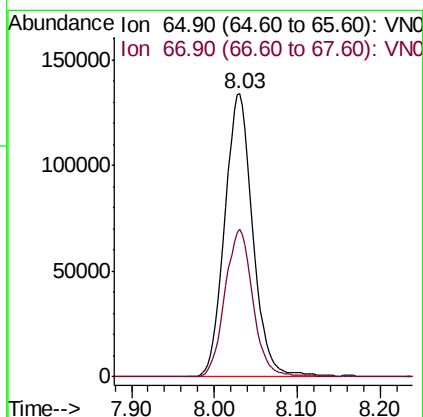
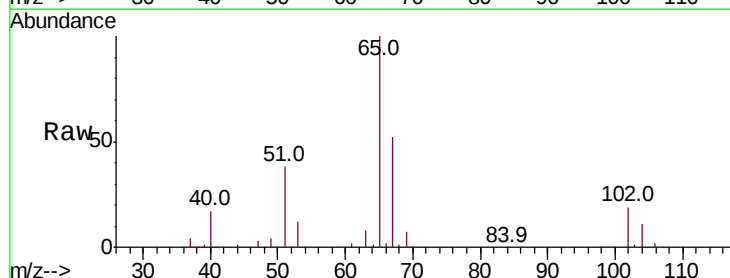
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-DUP05-20190315

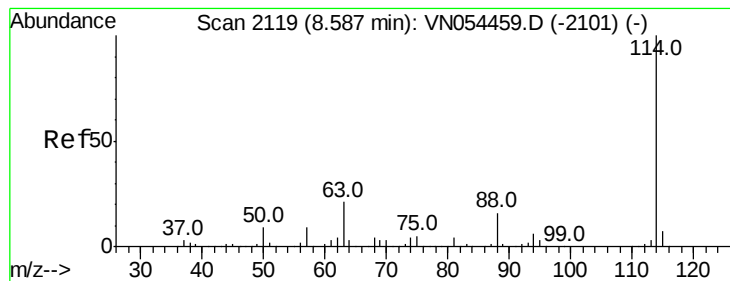
Tot Ion: 63 Resp: 5972
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.5#
 100 0.0 2.0 6.0#



#33
 1,2-Dichloroethane-d4
 Concen: 54.688 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054518.D
 Acq: 21 Mar 2019 18:27

Tgt Ion: 65 Resp: 316700
 Ion Ratio Lower Upper
 65 100
 67 52.2 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: VN054518.D

Acq: 21 Mar 2019 18:27

Instrument :

MSVOA_N

ClientSampleId :

BP-DUP05-20190315

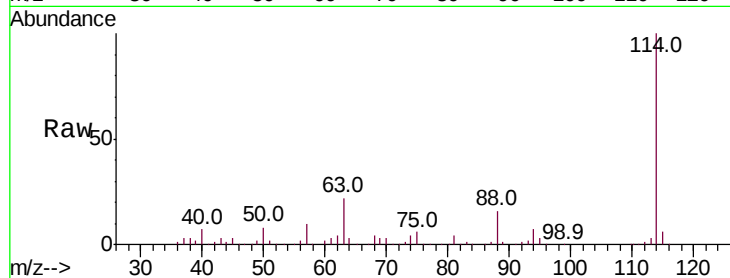
Tot Ion:114 Resp: 841231

Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.2

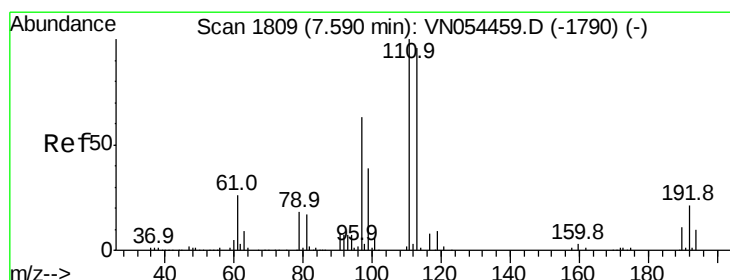
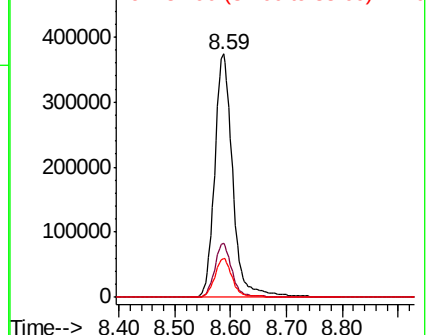
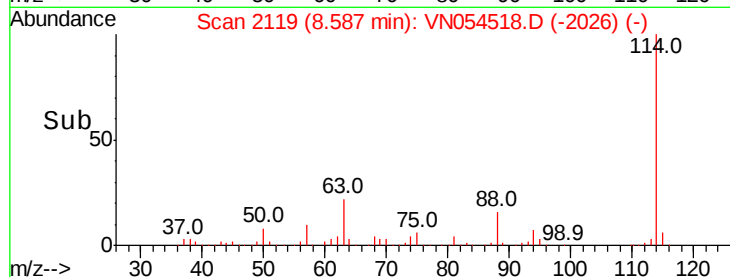
88 16.2 0.0 30.2



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



#35

Dibromofluoromethane

Concen: 48.789 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054518.D

Acq: 21 Mar 2019 18:27

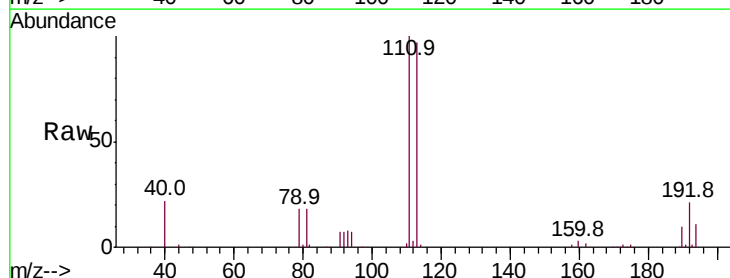
Tgt Ion:113 Resp: 264419

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

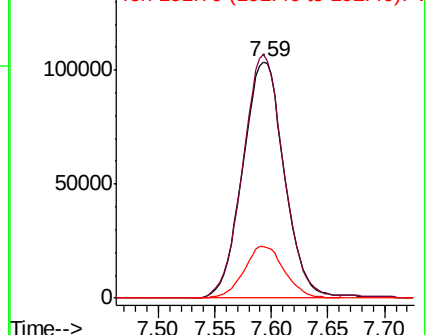
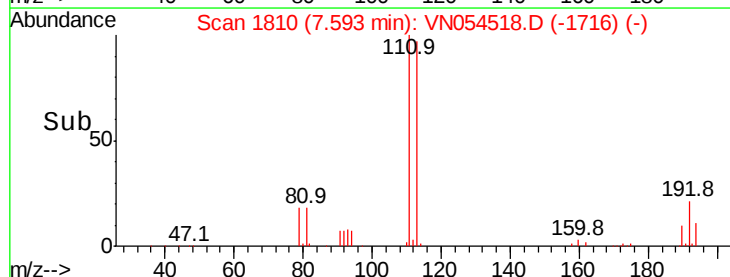
192 21.3 19.2 28.8

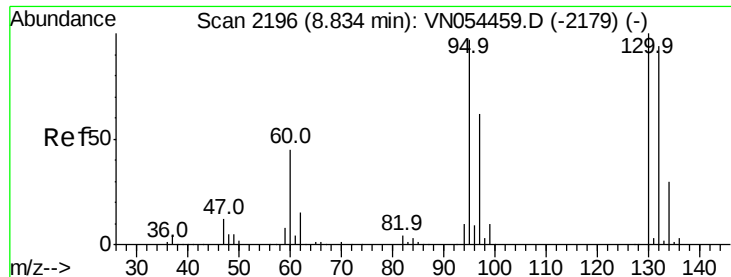


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.683 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054518.D

Acq: 21 Mar 2019 18:27

Instrument :

MSVOA_N

ClientSampleId :

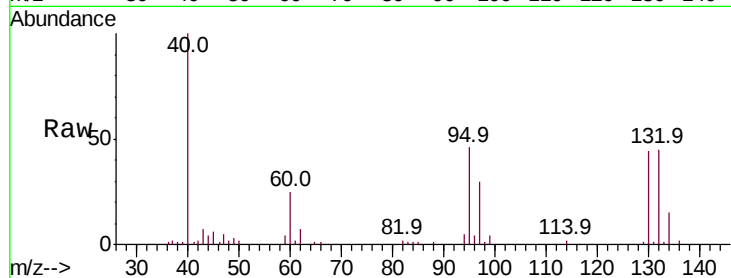
BP-DUP05-20190315

Tot Ion:130 Resp: 23028

Ion Ratio Lower Upper

130 100

95 104.0 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

12000

10000

8000

6000

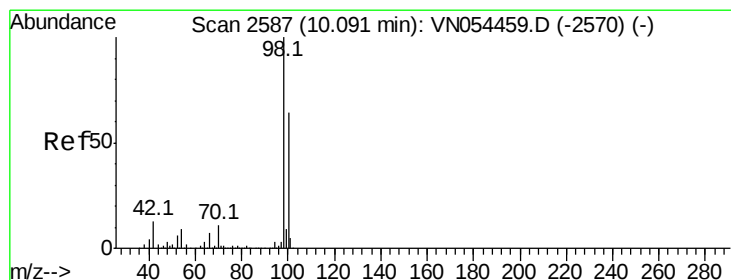
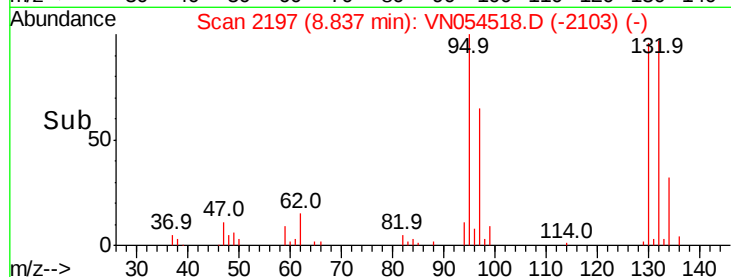
4000

2000

0

8.75 8.80 8.85 8.90 8.95

Time-->



#50

Toluene-d8

Concen: 53.303 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054518.D

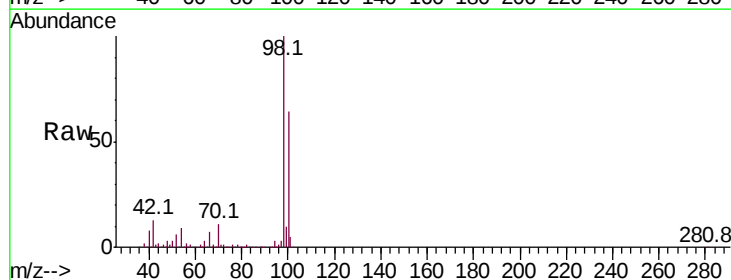
Acq: 21 Mar 2019 18:27

Tgt Ion: 98 Resp: 1086012

Ion Ratio Lower Upper

98 100

100 63.3 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

500000

400000

300000

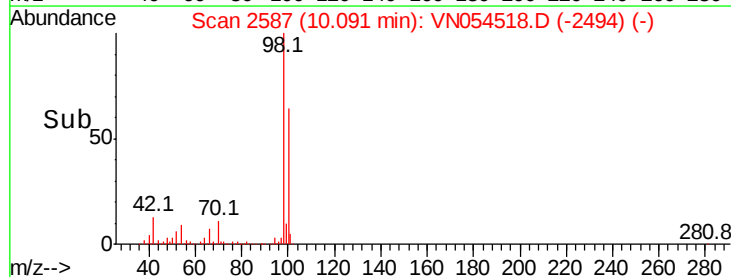
200000

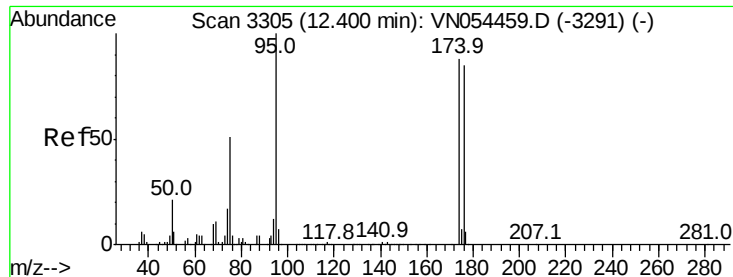
100000

0

10.00 10.10 10.20 10.30

Time-->





#62

4-Bromofluorobenzene

Concen: 57.461 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054518.D

Acq: 21 Mar 2019 18:27

Instrument :

MSVOA_N

ClientSampleId :

BP-DUP05-20190315

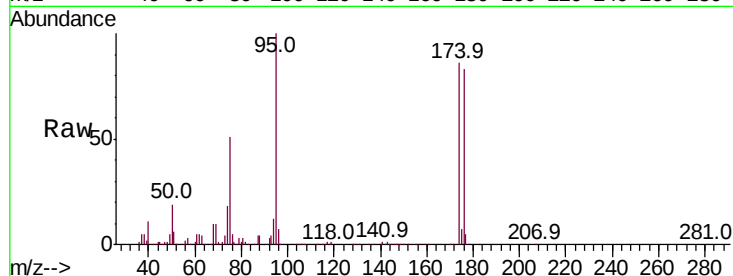
Tot Ion: 95 Resp: 398382

Ion Ratio Lower Upper

95 100

174 85.8 0.0 191.0

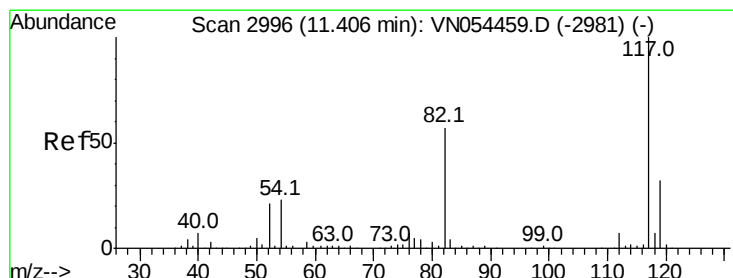
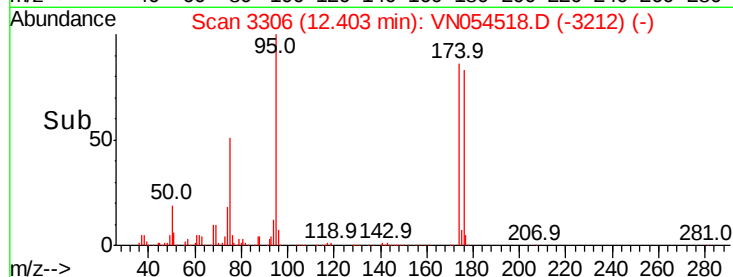
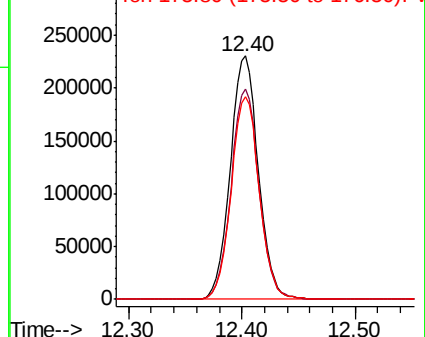
176 83.4 0.0 187.4



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# 2997

Delta R.T. 0.00 min

Lab File: VN054518.D

Acq: 21 Mar 2019 18:27

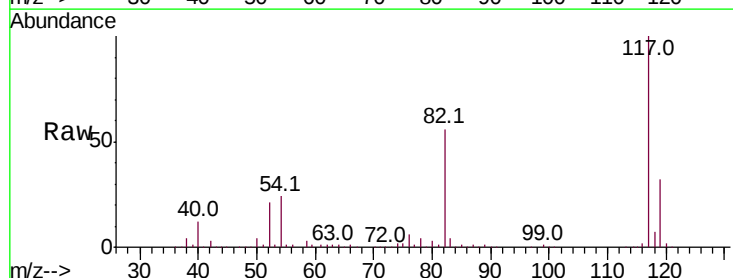
Tgt Ion: 117 Resp: 874048

Ion Ratio Lower Upper

117 100

82 55.6 40.0 60.0

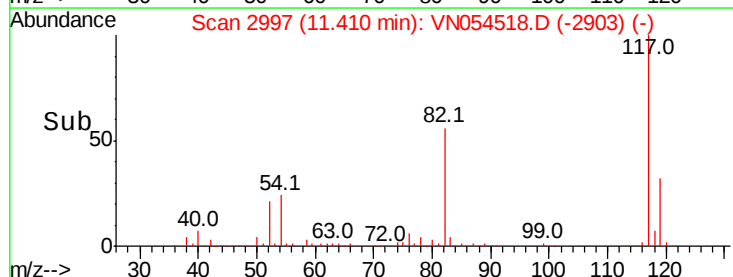
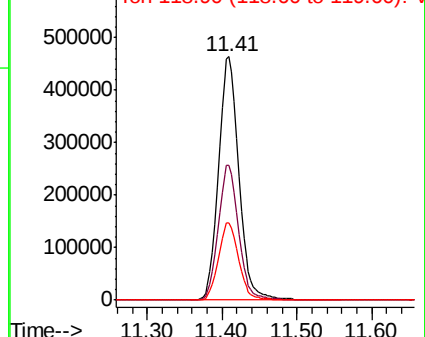
119 31.8 25.8 38.6

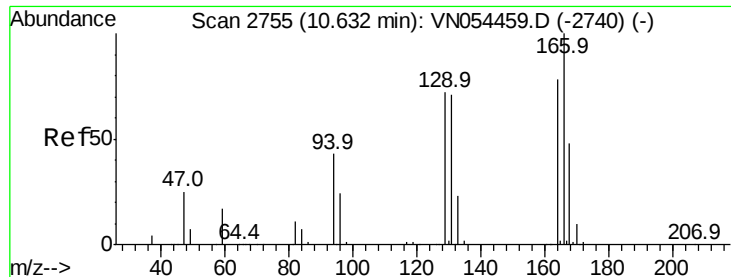


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

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

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





#64

Tetrachloroethene

Concen: 2.703 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN054518.D

Acq: 21 Mar 2019 18:27

Instrument :

MSVOA_N

ClientSampleId :

BP-DUP05-20190315

Tot Ion:164 Resp: 19598

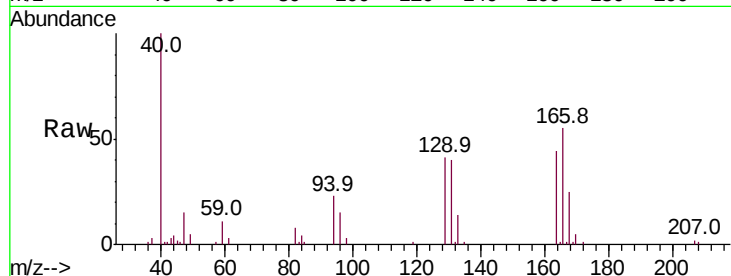
Ion Ratio Lower Upper

164 100

166 124.9 103.9 155.9

129 93.0 71.1 106.7

131 91.2 68.2 102.4



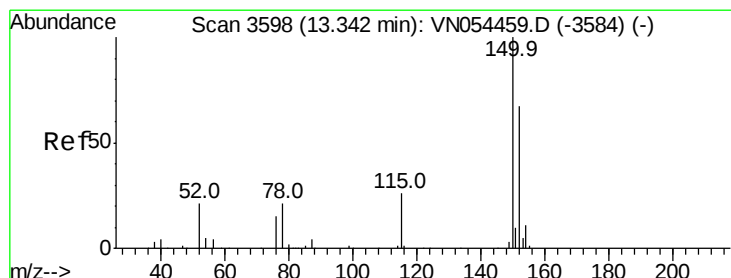
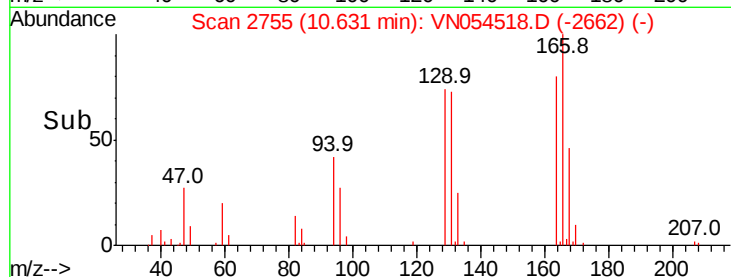
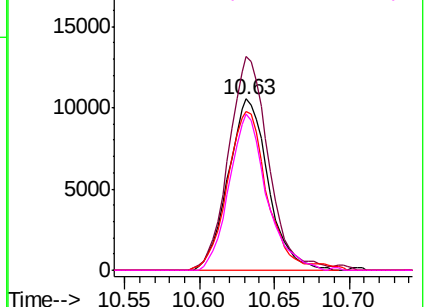
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054518.D

Acq: 21 Mar 2019 18:27

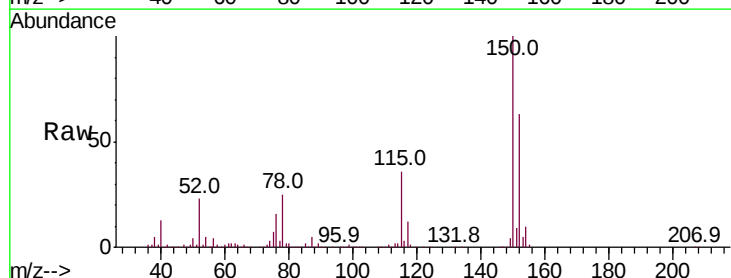
Tgt Ion:152 Resp: 317533

Ion Ratio Lower Upper

152 100

115 57.9 27.2 81.6

150 158.0 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

