

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030220\
 Data File : VN060299.D
 Acq On : 2 Mar 2020 10:05
 Operator : JC/MD
 Sample : VN0302MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302MBL01

Quant Time: Mar 03 05:55:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	323332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	111912	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	126097	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.56	113	92804	61.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.68%	
50) Toluene-d8	10.08	98	390667	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.40	95	129713	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	

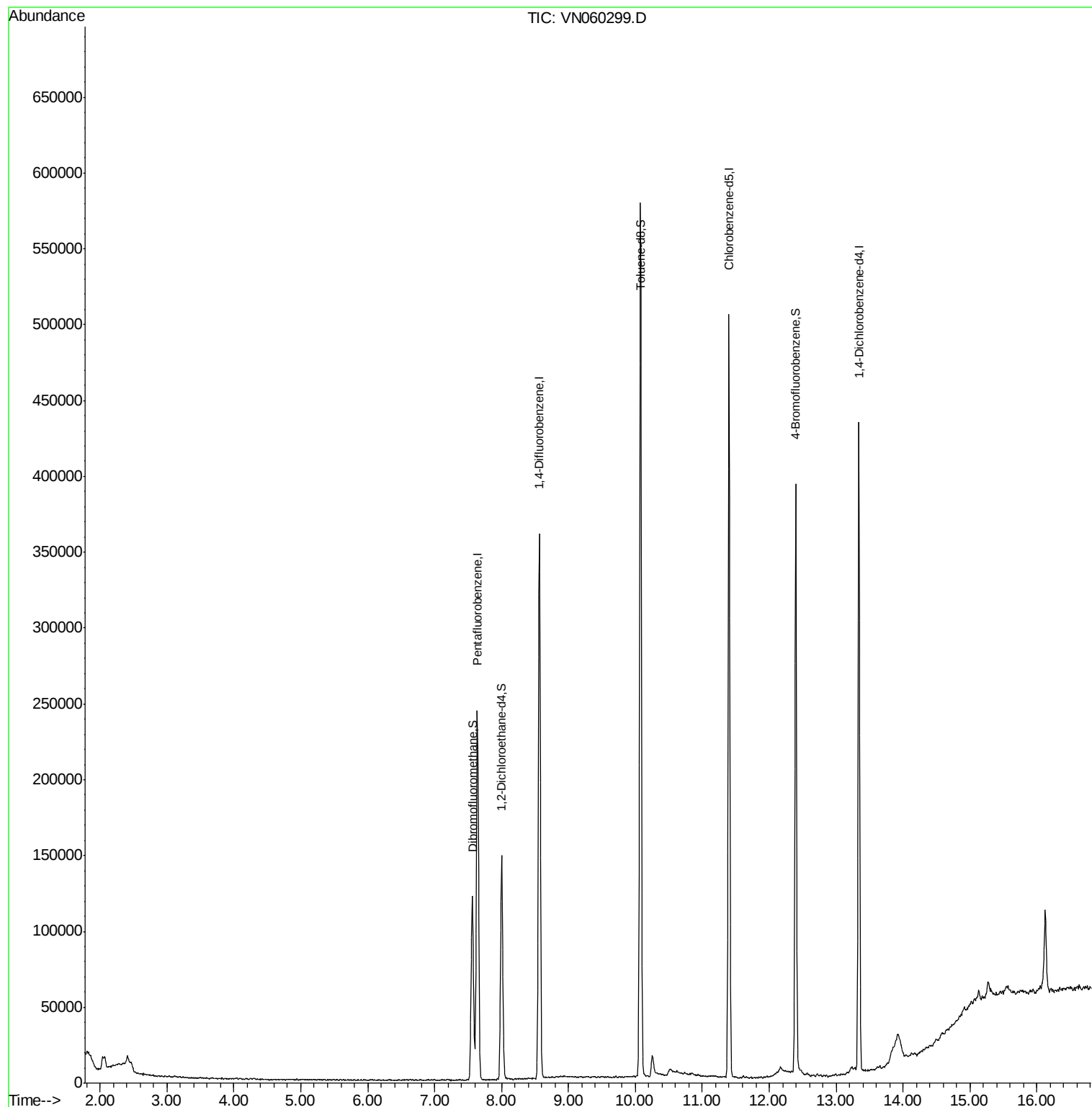
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060299.D

Acq: 2 Mar 2020 10:05

Instrument :

MSVOA_N

ClientSampleId :

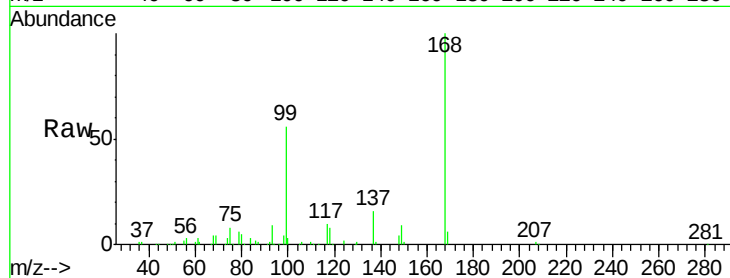
VN0302MBL01

Tot Ion:168 Resp: 200118

Ion Ratio Lower Upper

168 100

99 56.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

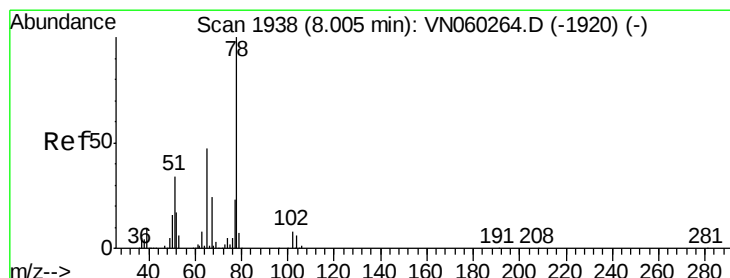
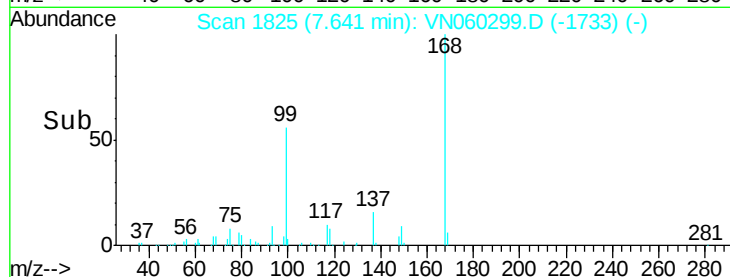
40000

20000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.112 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060299.D

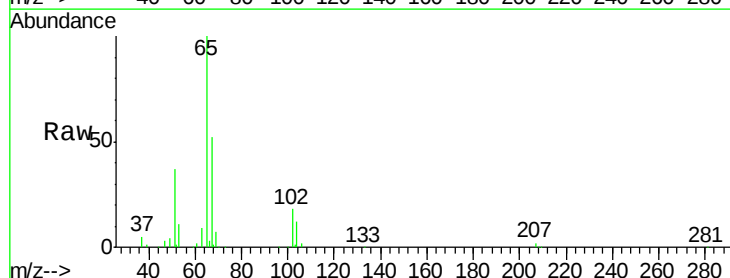
Acq: 2 Mar 2020 10:05

Tgt Ion: 65 Resp: 126097

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

60000

50000

40000

30000

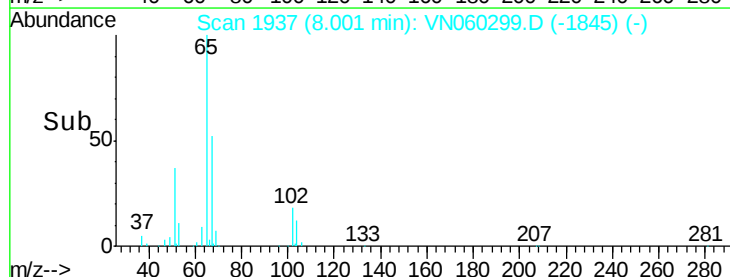
20000

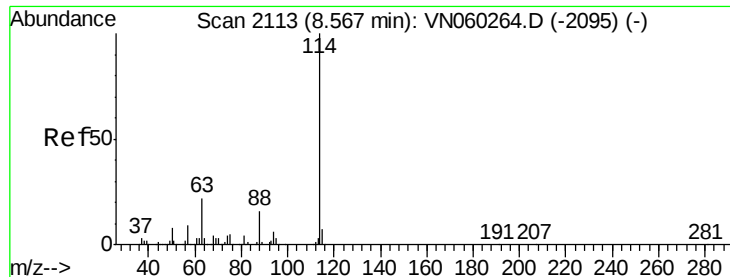
10000

0

7.90 7.95 8.00 8.05 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060299.D

Acq: 2 Mar 2020 10:05

Instrument :

MSVOA_N

ClientSampleId :

VN0302MBL01

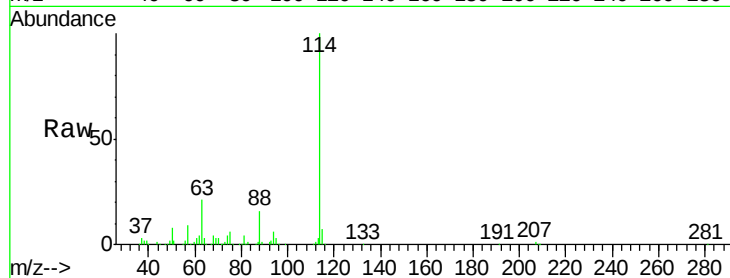
Tot Ion:114 Resp: 323332

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

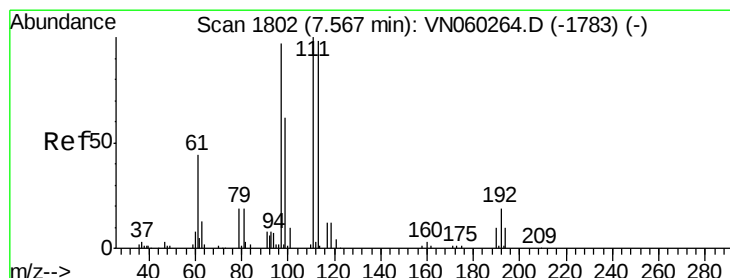
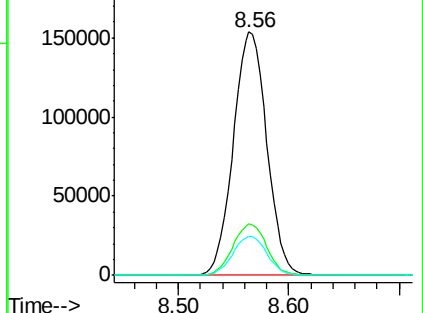
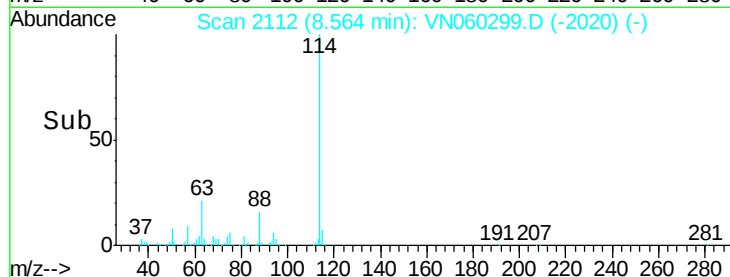
88 16.1 0.0 31.6



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: 61.836 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060299.D

Acq: 2 Mar 2020 10:05

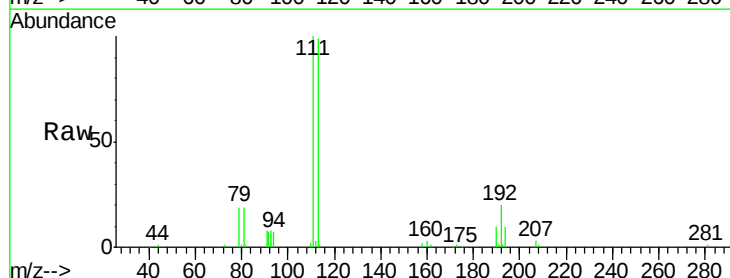
Tgt Ion:113 Resp: 92804

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

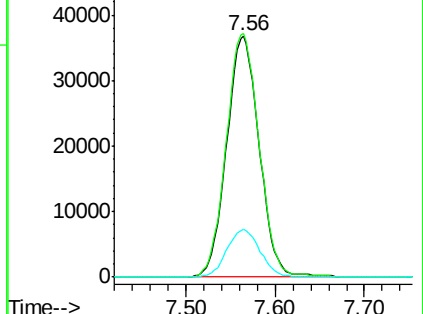
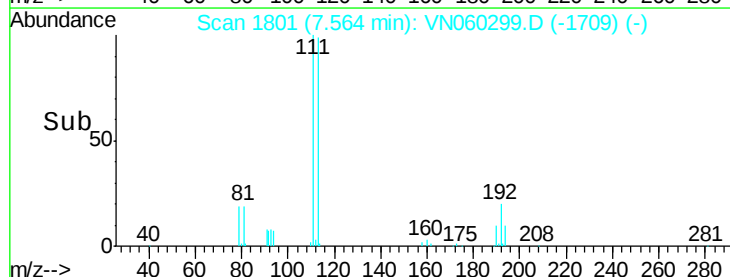
192 20.1 16.2 24.2

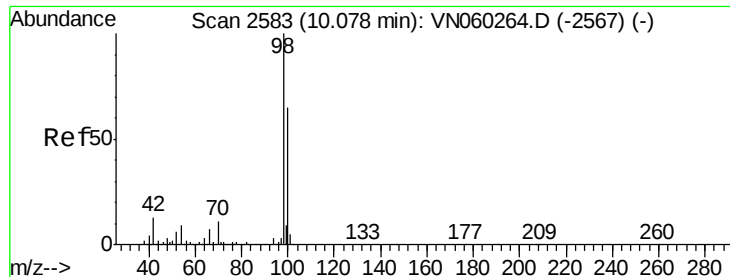


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.432 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060299.D

Acq: 2 Mar 2020 10:05

Instrument :

MSVOA_N

ClientSampleId :

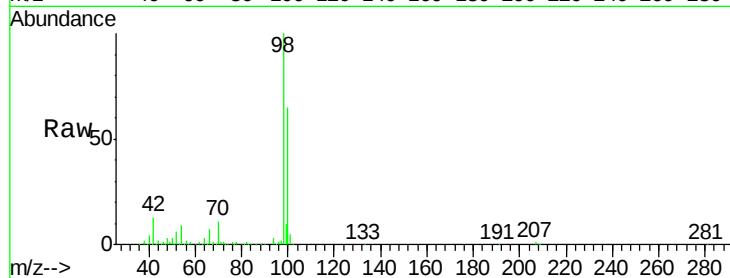
VN0302MBL01

Tot Ion: 98 Resp: 390667

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)

10.08

250000

200000

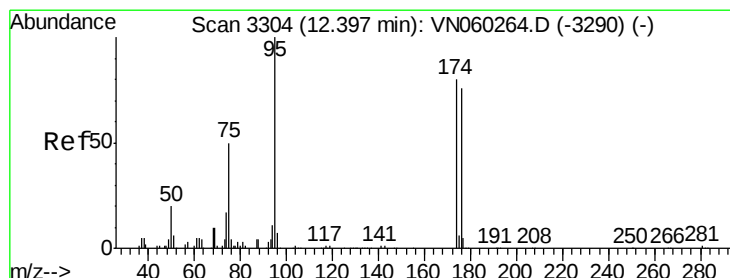
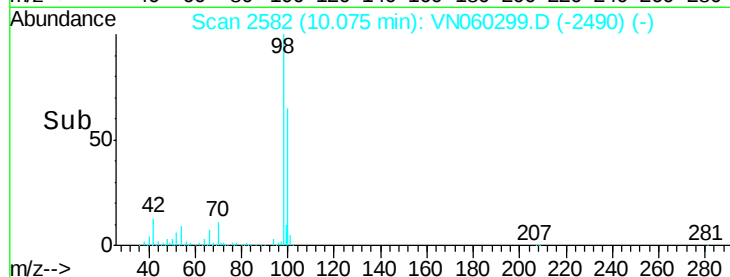
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.049 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060299.D

Acq: 2 Mar 2020 10:05

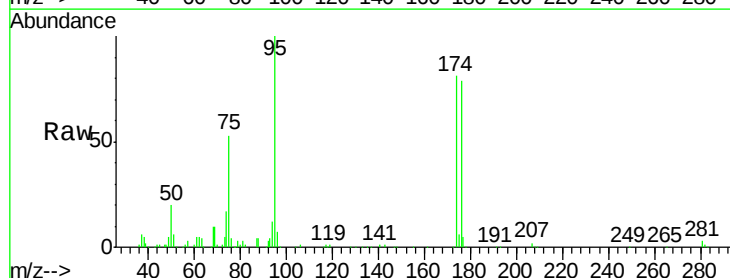
Tgt Ion: 95 Resp: 129713

Ion Ratio Lower Upper

95 100

174 80.2 0.0 159.2

176 78.1 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060264.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060264.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060264.D (-3290) (-)

12.40

100000

80000

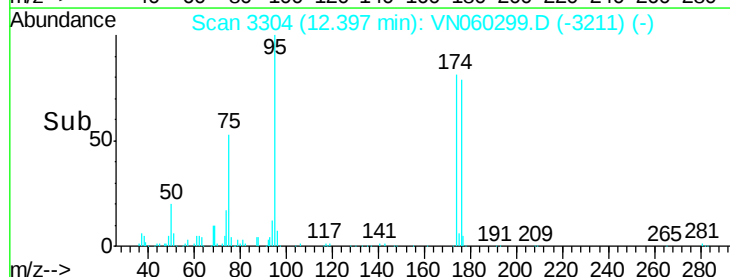
60000

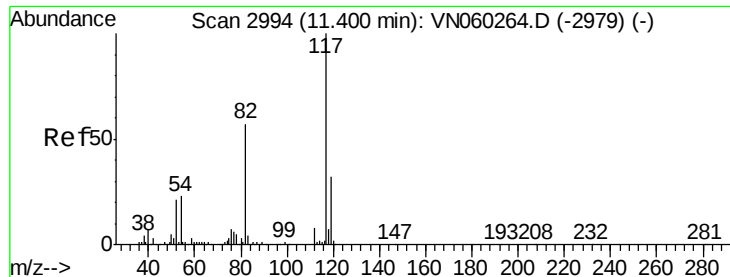
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060299.D

Acq: 2 Mar 2020 10:05

Instrument :

MSVOA_N

ClientSampleId :

VN0302MBL01

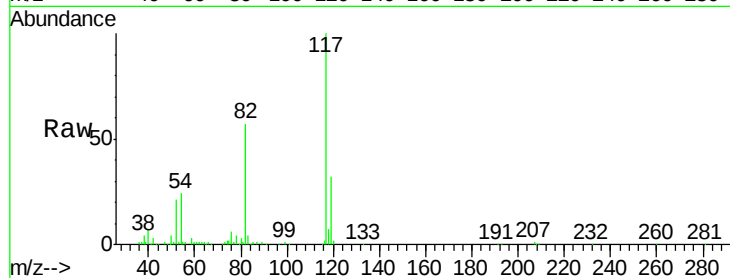
Tot Ion:117 Resp: 281487

Ion Ratio Lower Upper

117 100

82 57.2 45.8 68.6

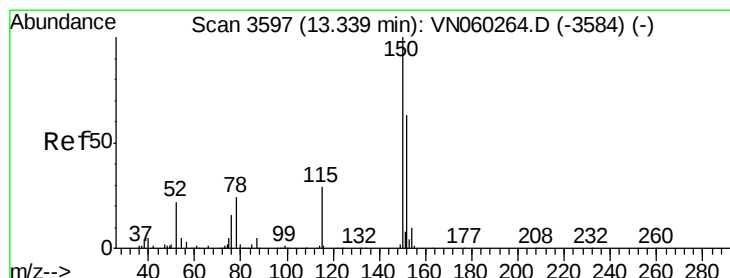
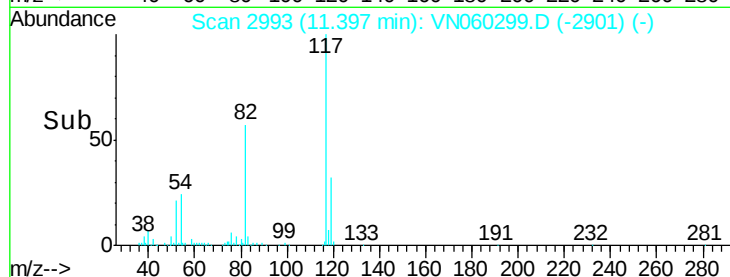
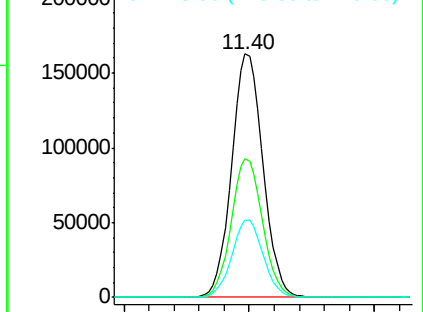
119 31.8 25.8 38.8



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# 3597

Delta R.T. 0.00 min

Lab File: VN060299.D

Acq: 2 Mar 2020 10:05

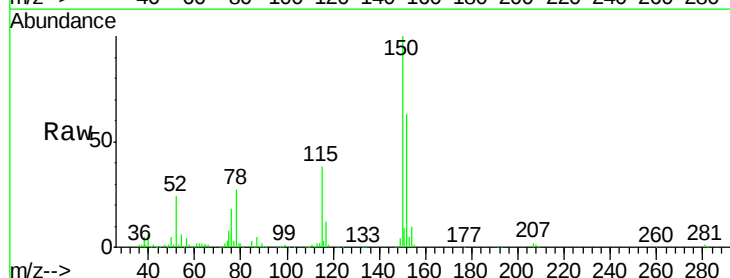
Tgt Ion:152 Resp: 111912

Ion Ratio Lower Upper

152 100

115 61.1 30.0 90.0

150 157.5 0.0 349.6



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

