

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050719\
 Data File : VN055463.D
 Acq On : 8 May 2019 2:50
 Operator : JC/SP
 Sample : K2717-13
 Misc : 5.23g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1824-01

Quant Time: May 08 08:23:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	433693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	679561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	551838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189010	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	288787	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	7.59	113	214022	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	10.09	98	788707	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	244571	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

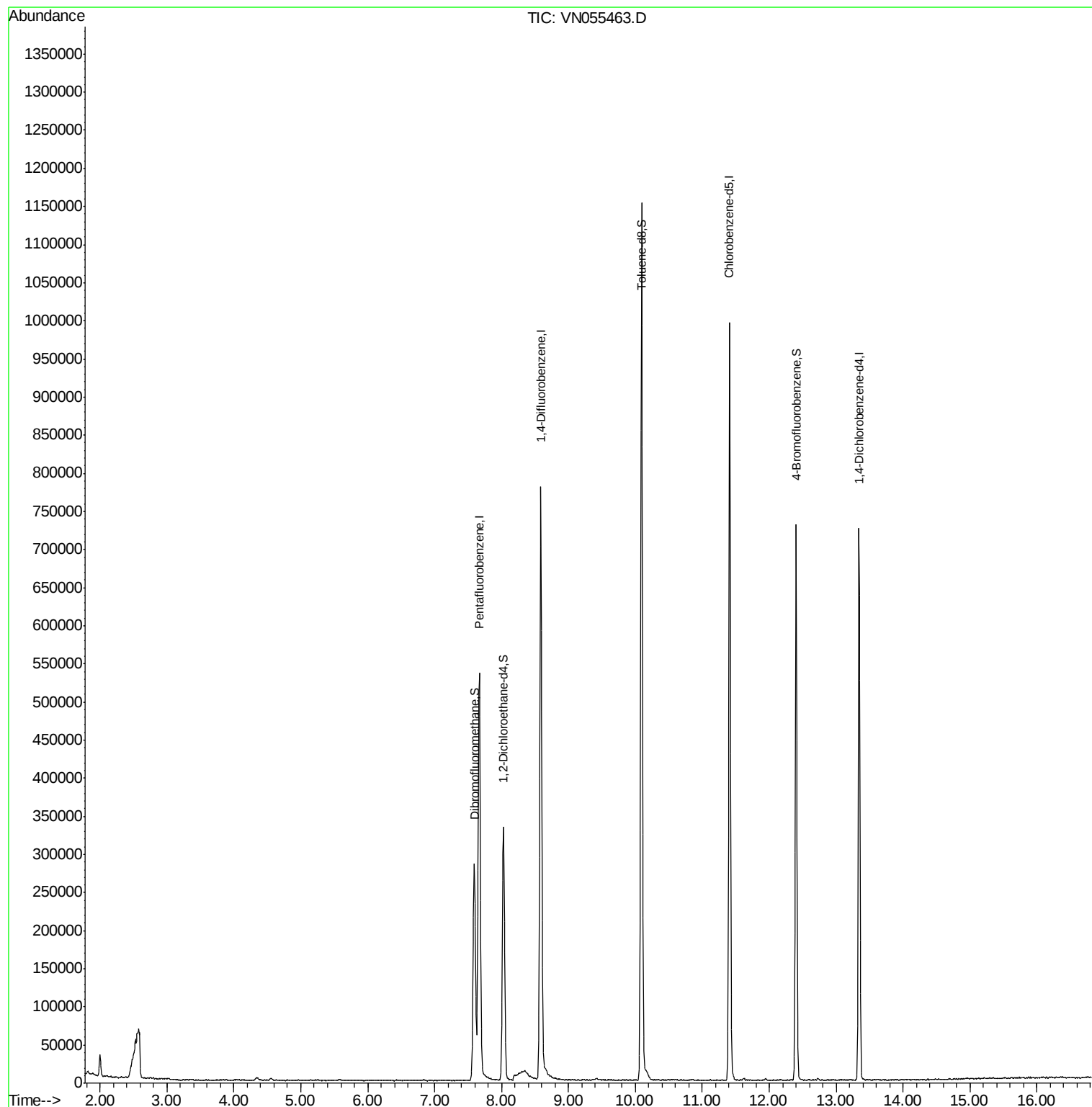
Target Compounds	Qvalue

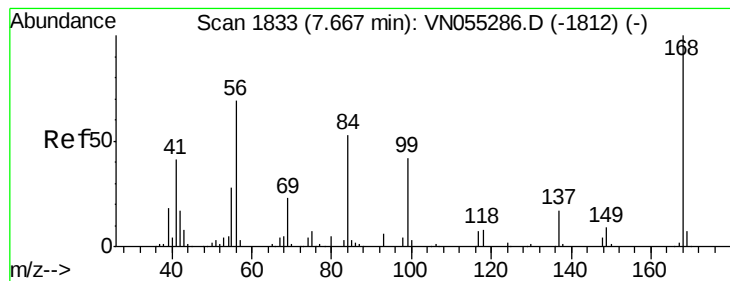
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055463.D

Acq: 8 May 2019 2:50

Instrument :

MSVOA_N

ClientSampleId :

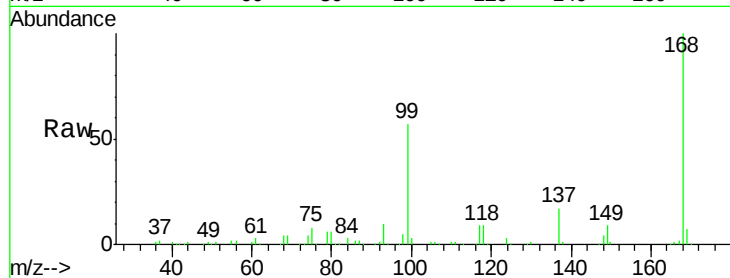
P026-SS002-1824-01

Tot Ion:168 Resp: 433693

Ion Ratio Lower Upper

168 100

99 56.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

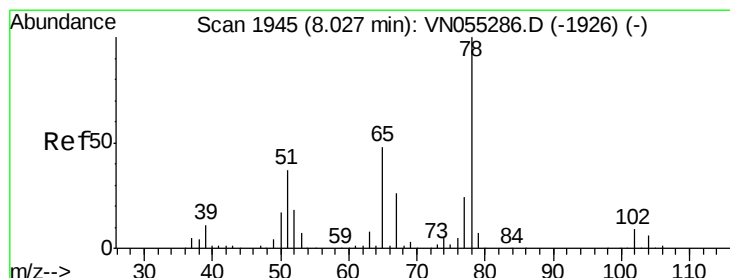
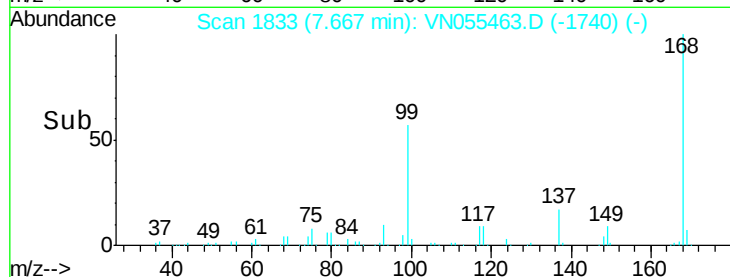
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#33

1,2-Dichloroethane-d4

Concen: 50.899 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055463.D

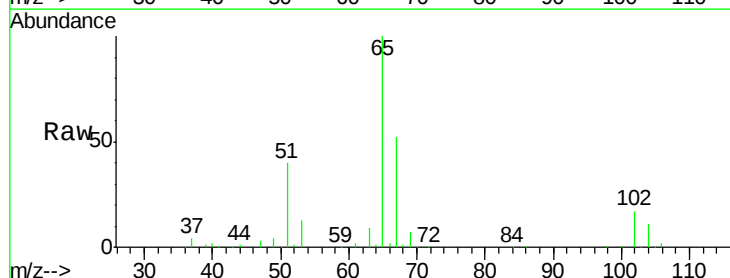
Acq: 8 May 2019 2:50

Tgt Ion: 65 Resp: 288787

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

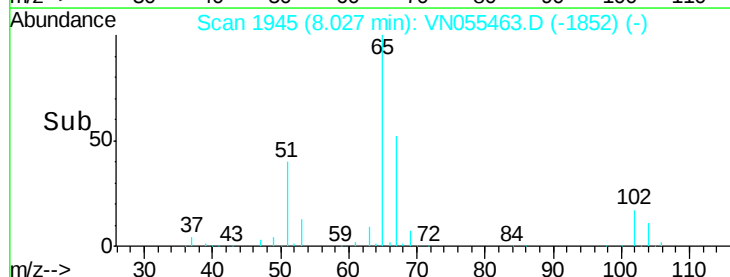
8.03

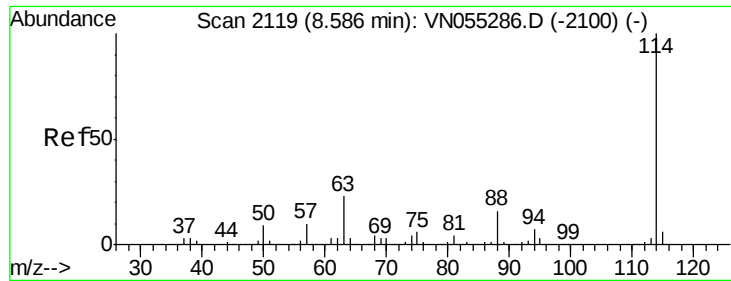
100000

50000

0

Time--> 7.90 8.00 8.10

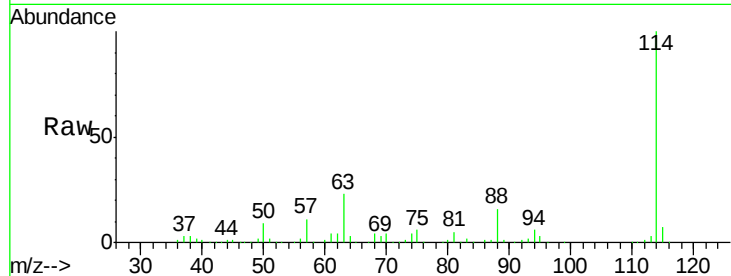




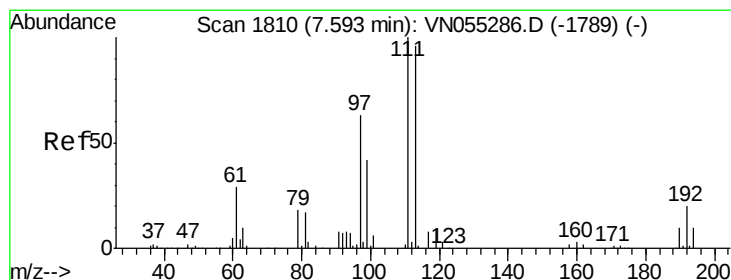
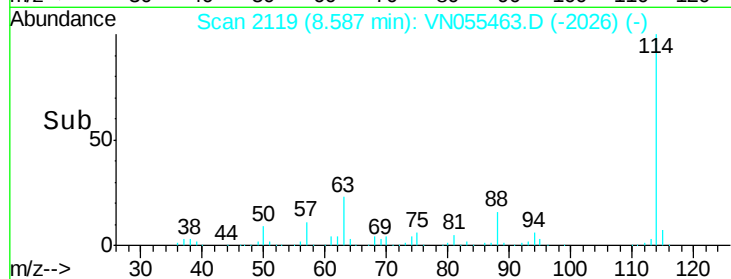
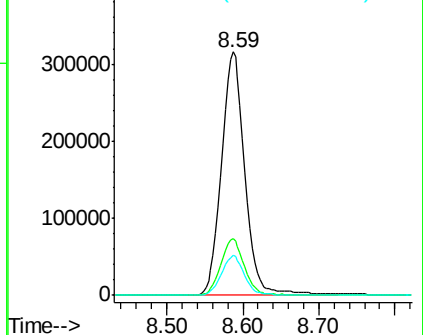
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055463.D
 Acq: 8 May 2019 2:50

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1824-01

Tot Ion:114 Resp: 679561
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.2
 88 16.3 0.0 31.6

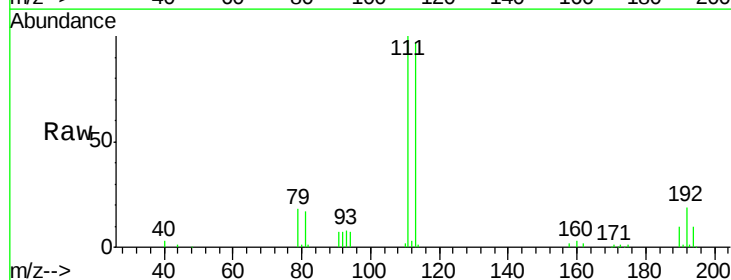


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

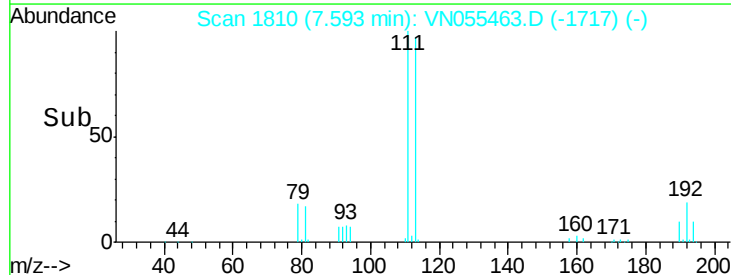
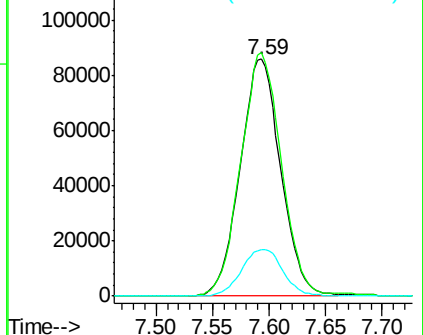


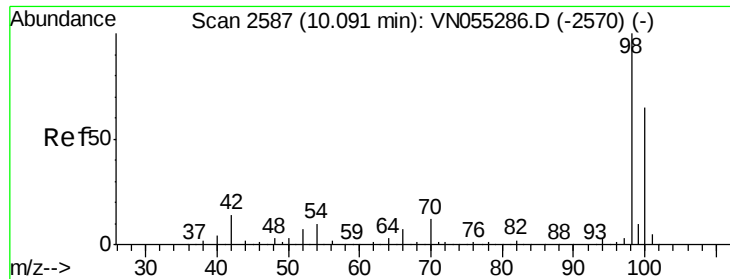
#35
 Dibromofluoromethane
 Concen: 47.983 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055463.D
 Acq: 8 May 2019 2:50

Tgt Ion:113 Resp: 214022
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.3 123.5
 192 20.2 17.0 25.6



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: 48.970 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055463.D

Acq: 8 May 2019 2:50

Instrument :

MSVOA_N

ClientSampleId :

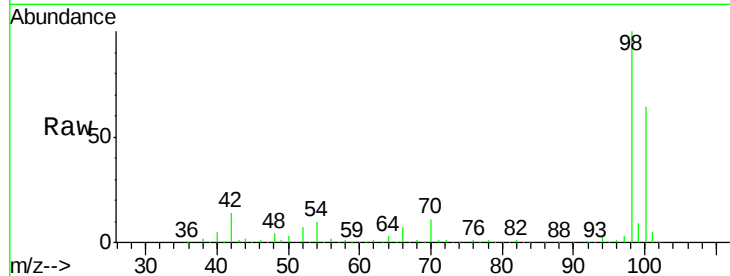
P026-SS002-1824-01

Tot Ion: 98 Resp: 788707

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)

10.09

400000

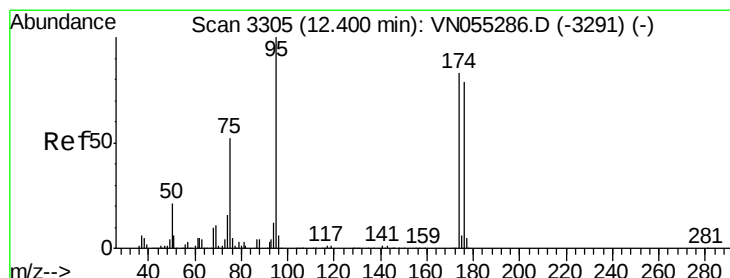
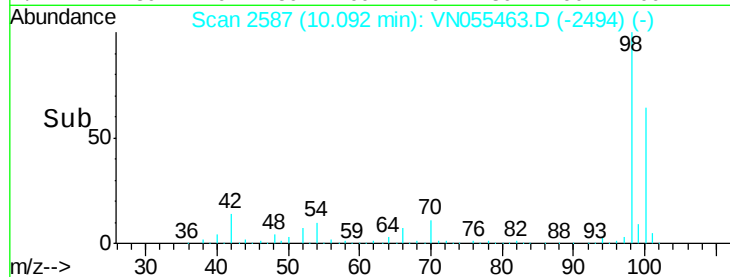
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.587 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055463.D

Acq: 8 May 2019 2:50

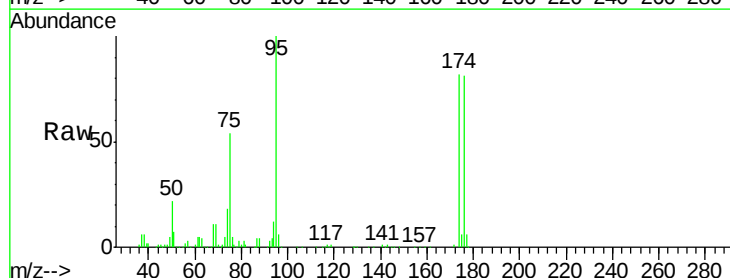
Tgt Ion: 95 Resp: 244571

Ion Ratio Lower Upper

95 100

174 82.0 0.0 166.6

176 79.1 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

12.40

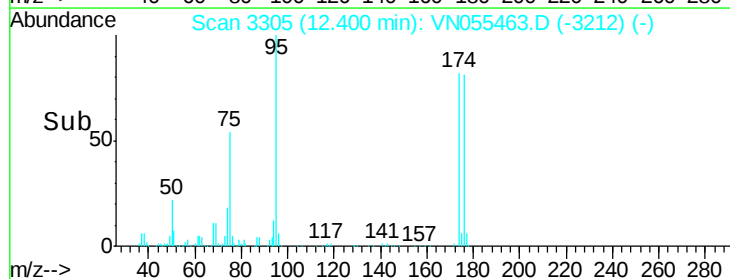
150000

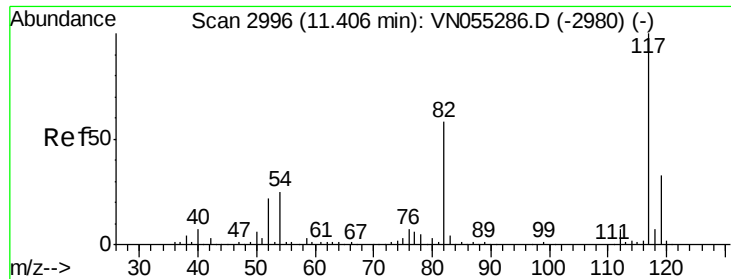
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055463.D

Acq: 8 May 2019 2:50

Instrument :

MSVOA_N

ClientSampleId :

P026-SS002-1824-01

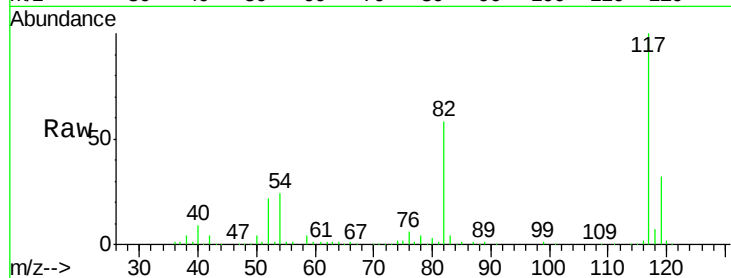
Tot Ion:117 Resp: 551838

Ion Ratio Lower Upper

117 100

82 58.2 46.2 69.4

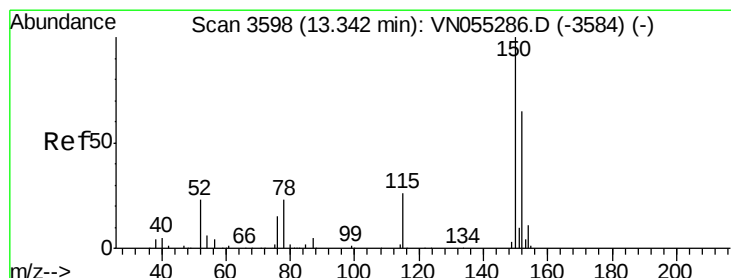
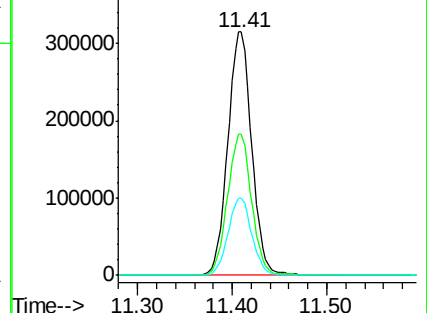
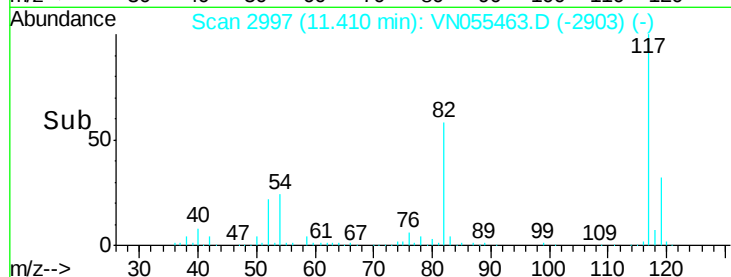
119 31.8 26.6 40.0



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: VN055463.D

Acq: 8 May 2019 2:50

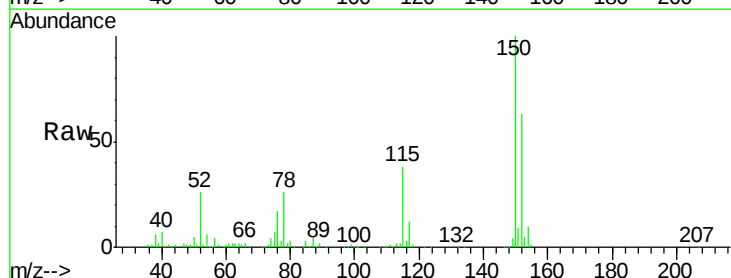
Tgt Ion:152 Resp: 189010

Ion Ratio Lower Upper

152 100

115 57.6 29.0 87.0

150 157.6 0.0 345.6



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

