

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056813.D
 Acq On : 18 Jul 2019 15:40
 Operator : JC/SP
 Sample : K3892-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB071719

Quant Time: Jul 19 06:02:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	247018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	440867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	469341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156964	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	147083	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
35) Dibromofluoromethane	7.59	113	133672	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.09	98	561296	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.40	95	200647	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	

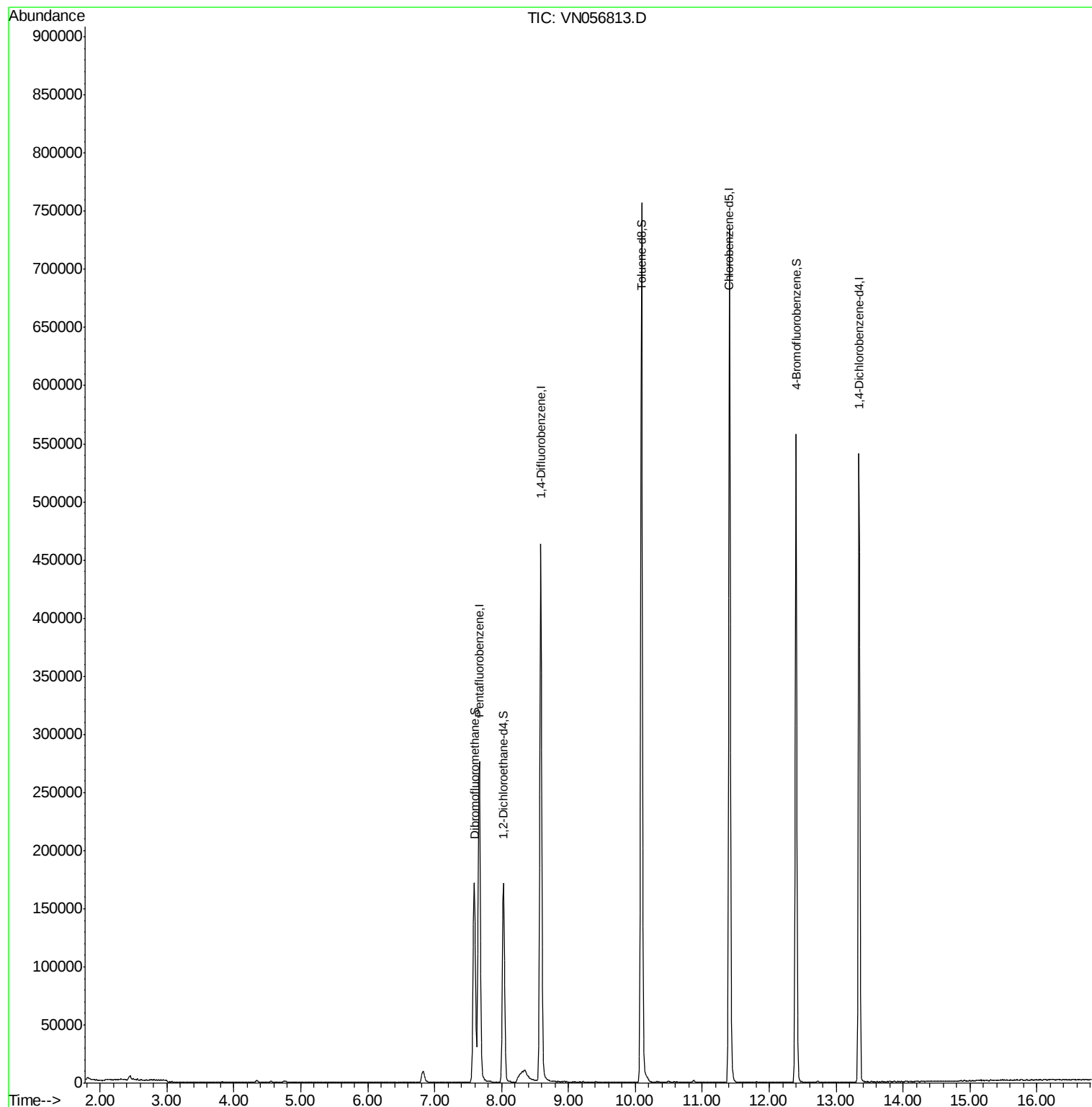
Target Compounds	Qvalue

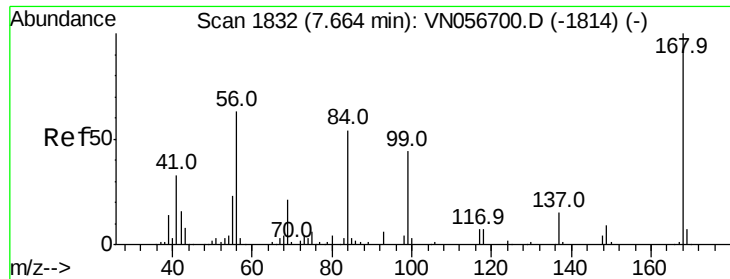
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071819\
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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: VN056813.D

Acq: 18 Jul 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

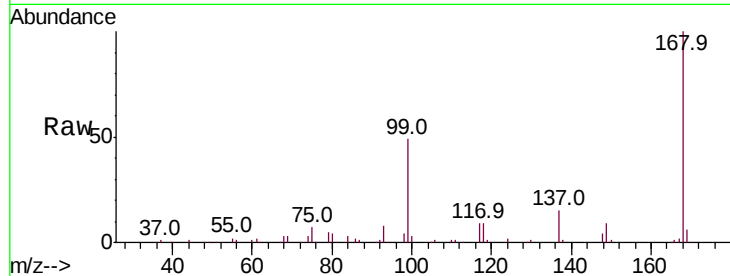
TB071719

Tot Ion:168 Resp: 247018

Ion Ratio Lower Upper

168 100

99 49.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056813.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056813.D (-1739) (-)

7.67

120000

100000

80000

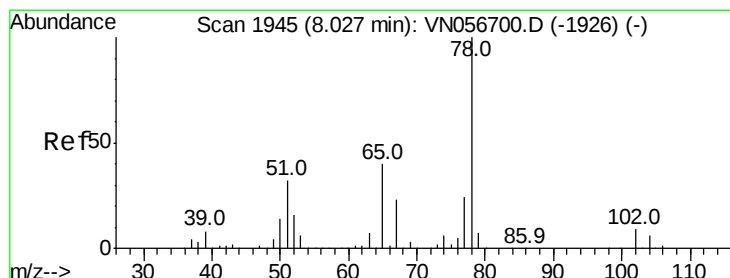
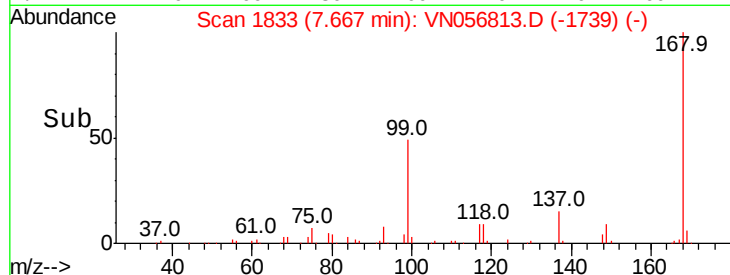
60000

40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#33

1,2-Dichloroethane-d4

Concen: 53.830 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056813.D

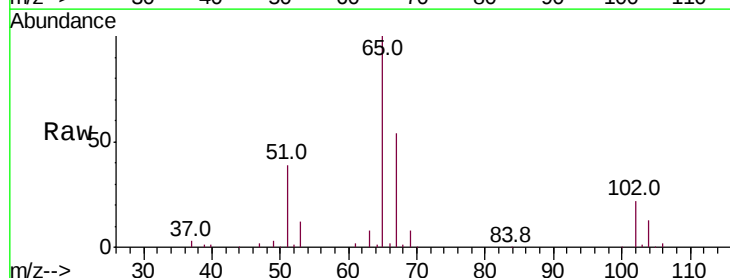
Acq: 18 Jul 2019 15:40

Tgt Ion: 65 Resp: 147083

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056813.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN056813.D (-1852) (-)

8.03

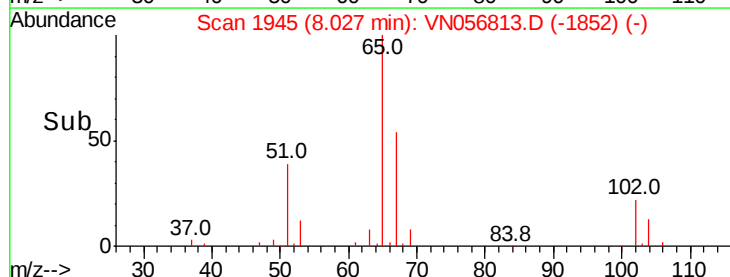
60000

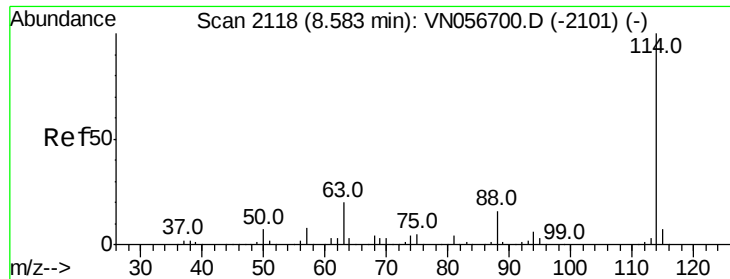
40000

20000

0

Time--> 7.90 8.00 8.10

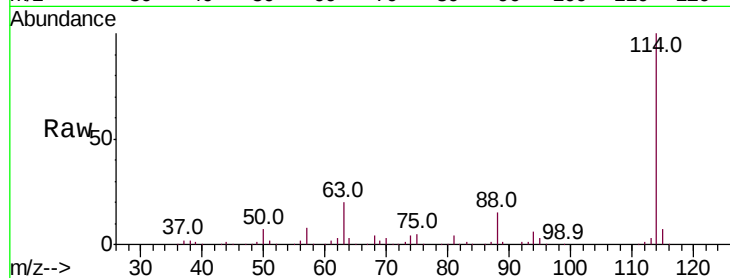




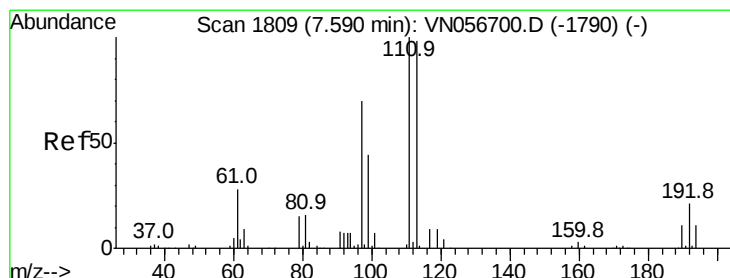
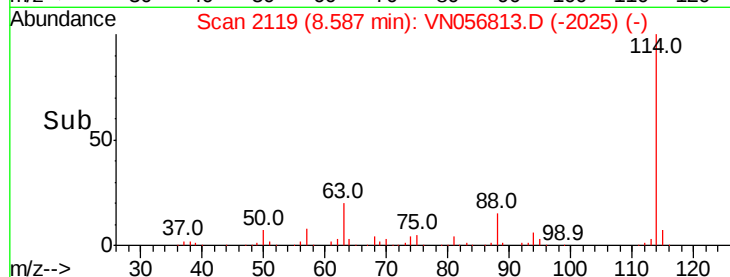
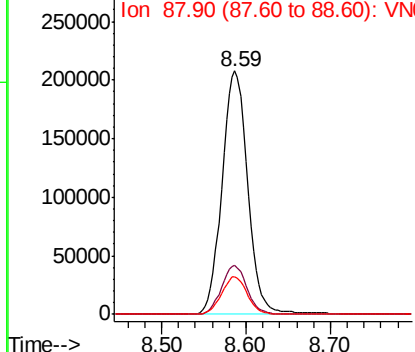
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056813.D
 Acq: 18 Jul 2019 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 TB071719

Tot Ion:114 Resp: 440867
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 15.4 0.0 31.2

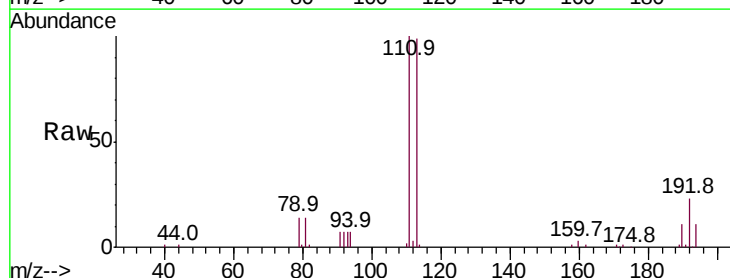


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

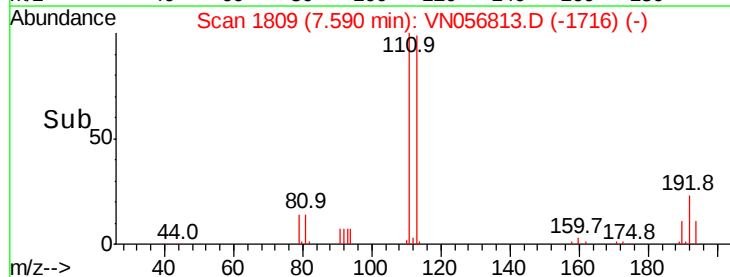
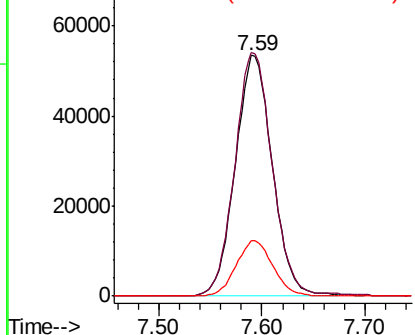


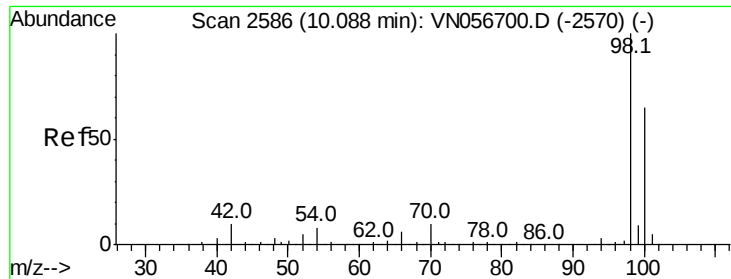
#35
 Dibromofluoromethane
 Concen: 48.721 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056813.D
 Acq: 18 Jul 2019 15:40

Tgt Ion:113 Resp: 133672
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.8 122.6
 192 22.7 17.5 26.3



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: 52.970 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056813.D

Acq: 18 Jul 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

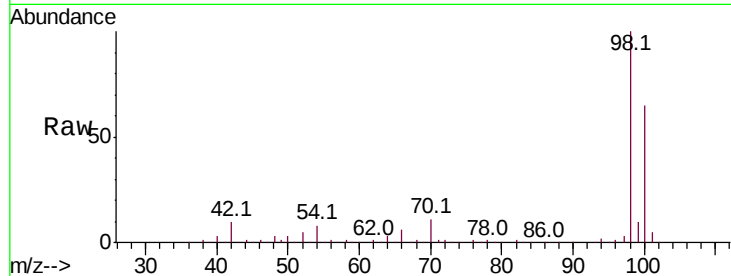
TB071719

Tot Ion: 98 Resp: 561296

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

300000

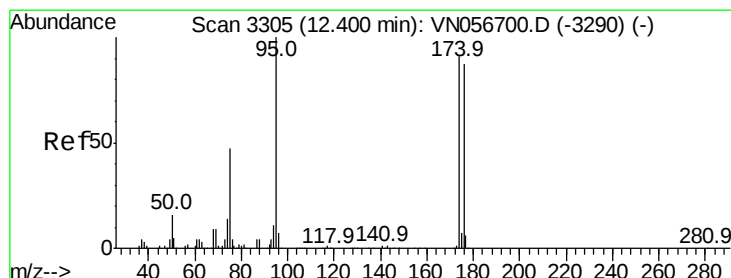
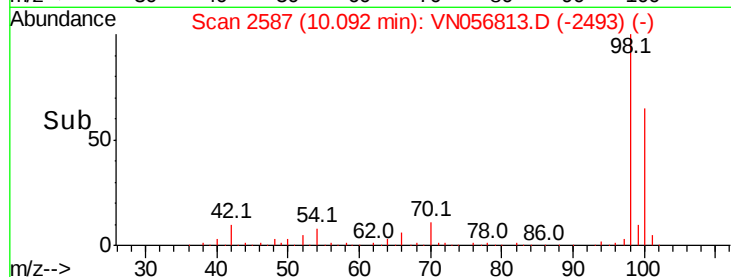
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 56.149 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056813.D

Acq: 18 Jul 2019 15:40

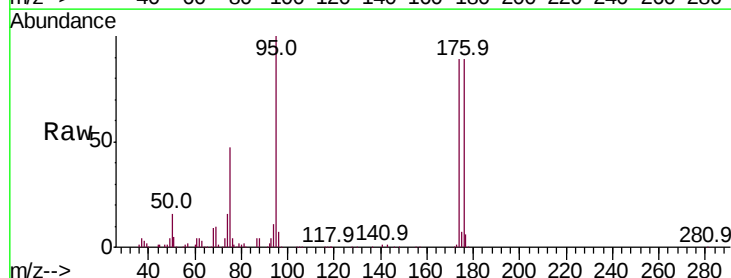
Tgt Ion: 95 Resp: 200647

Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.0

176 88.4 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

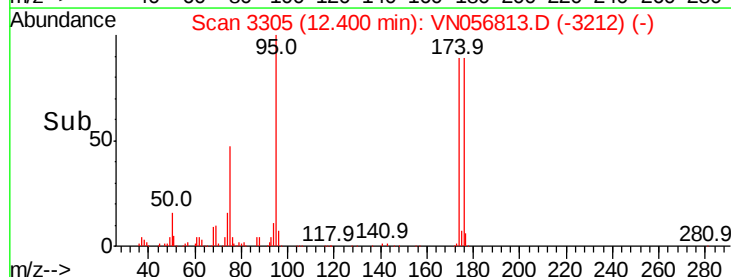
100000

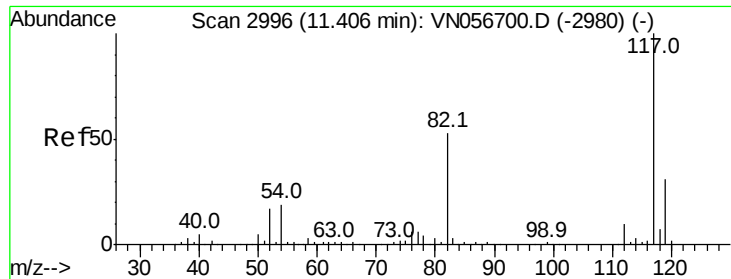
50000

0

Time-->

12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056813.D

Acq: 18 Jul 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

TB071719

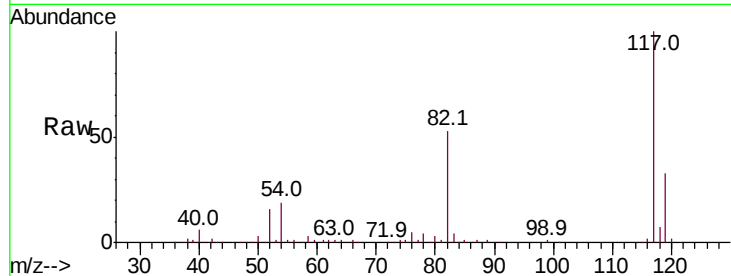
Tot Ion:117 Resp: 469341

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.2

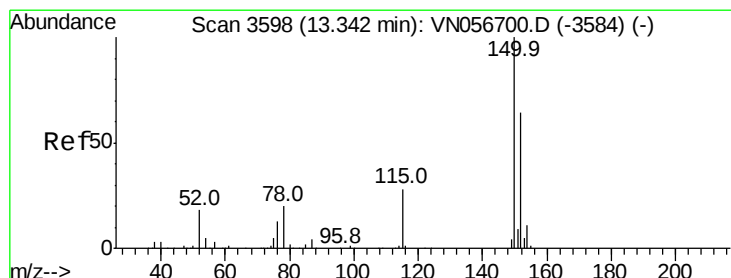
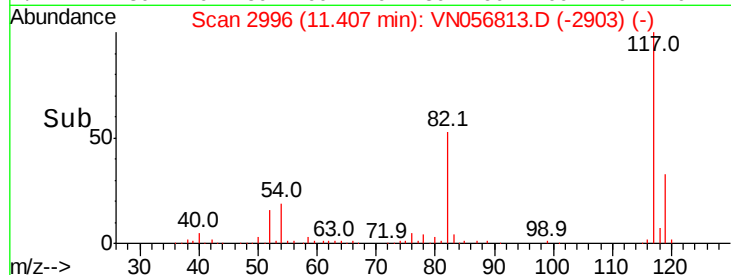
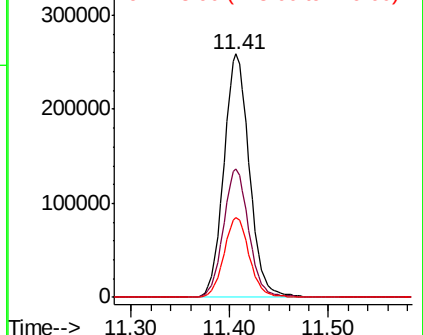
119 32.8 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN056813.D

Acq: 18 Jul 2019 15:40

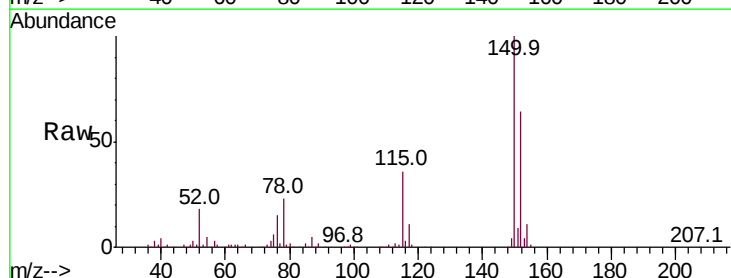
Tgt Ion:152 Resp: 156964

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 157.8 0.0 345.8



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

