

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056720.D
 Acq On : 15 Jul 2019 18:22
 Operator : JC/SP
 Sample : K3817-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW534-3338

Quant Time: Jul 16 09:10:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	270542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	473912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	487162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190998	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	157402	52.60	ug/l	0.00
Spiked Amount						
			Recovery	=	105.20%	
35) Dibromofluoromethane	7.59	113	142511	48.32	ug/l	0.00
Spiked Amount						
			Recovery	=	96.64%	
50) Toluene-d8	10.09	98	594210	52.17	ug/l	0.00
Spiked Amount						
			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.40	95	213688	55.63	ug/l	0.00
Spiked Amount						
			Recovery	=	111.26%	

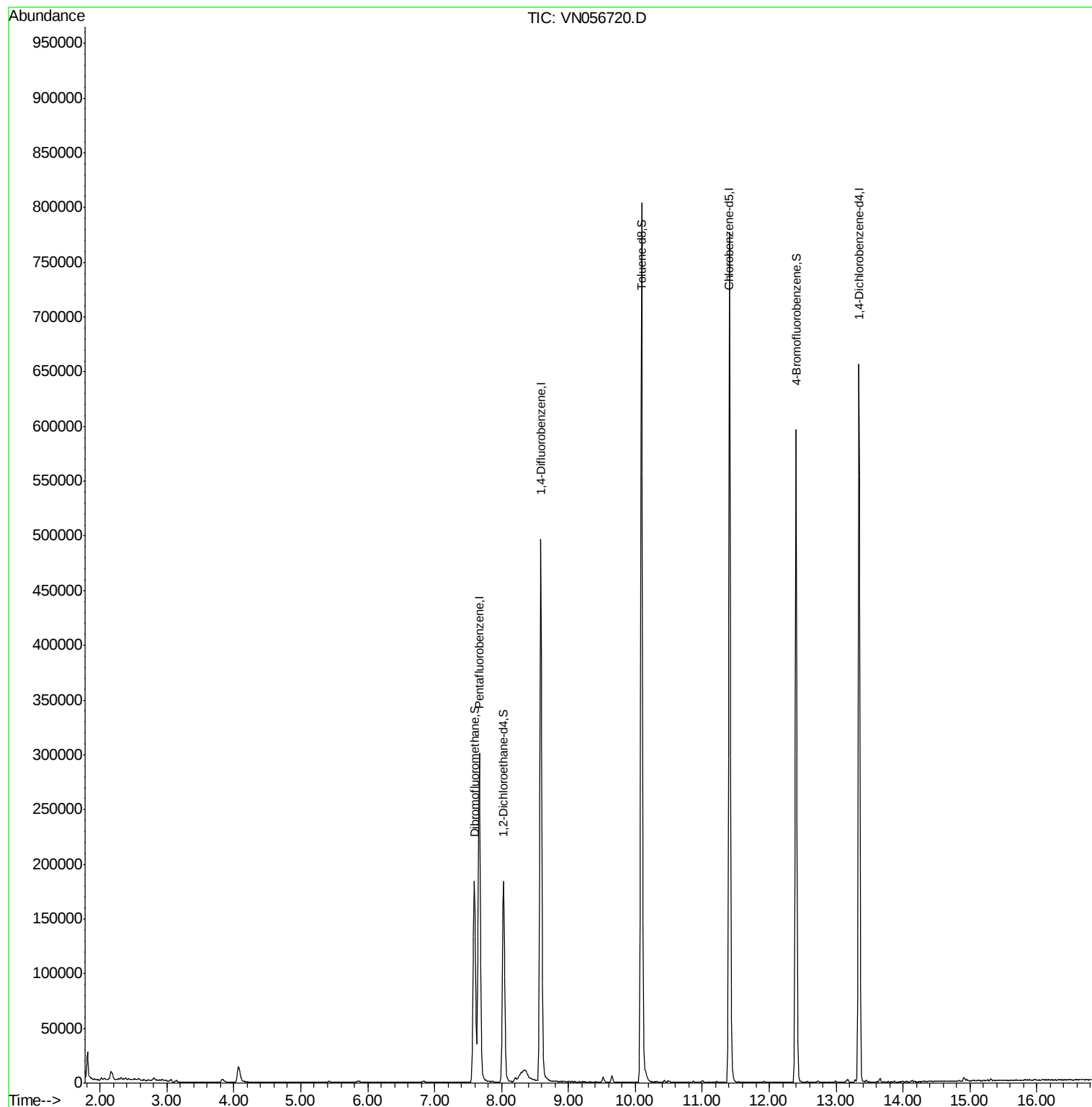
Target Compounds	Qvalue

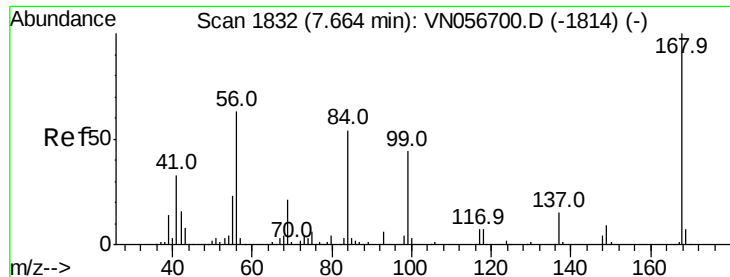
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056720.D

Acq: 15 Jul 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

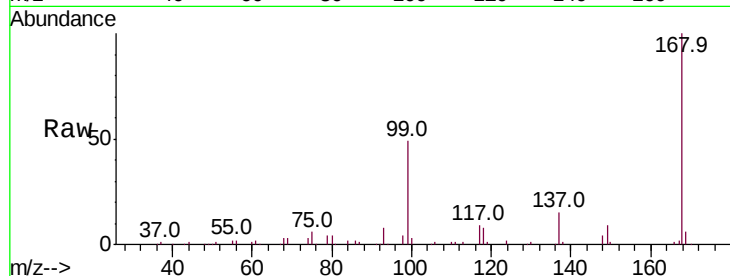
SA-TW534-3338

Tot Ion:168 Resp: 270542

Ion Ratio Lower Upper

168 100

99 49.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056720.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN056720.D (-1814) (-)

7.67

120000

100000

80000

60000

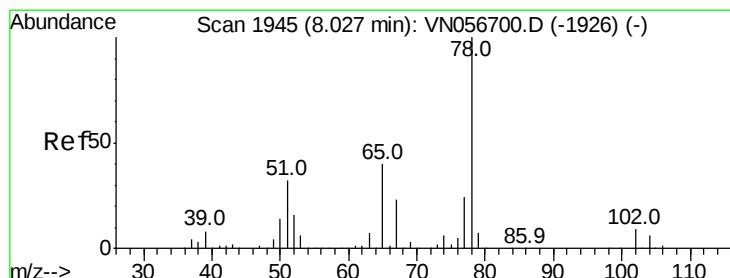
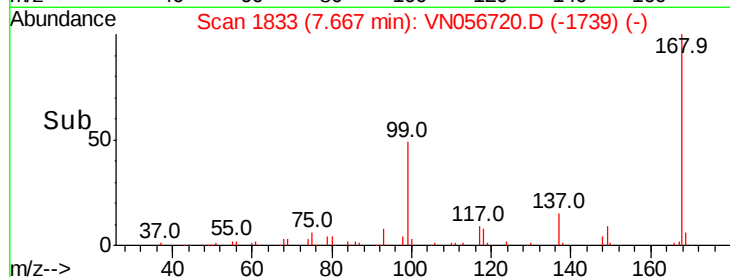
40000

20000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.598 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056720.D

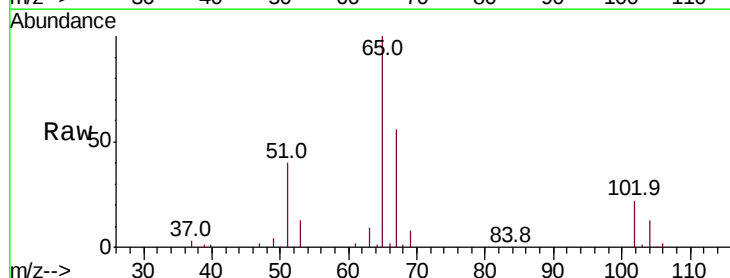
Acq: 15 Jul 2019 18:22

Tgt Ion: 65 Resp: 157402

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056720.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN056720.D (-1926) (-)

8.03

60000

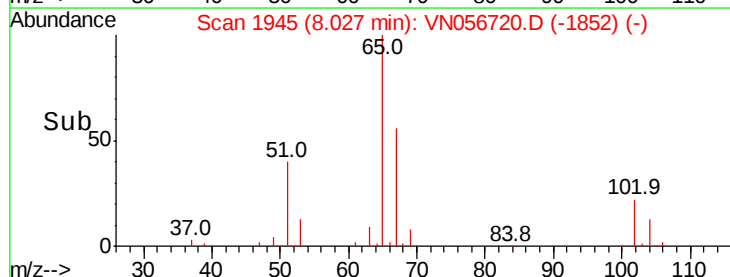
40000

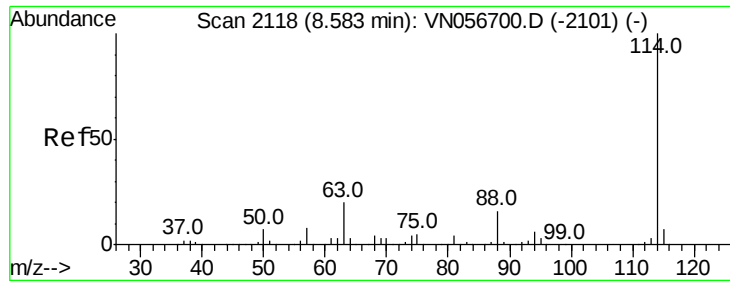
20000

0

7.90 8.00 8.10 8.20

Time-->

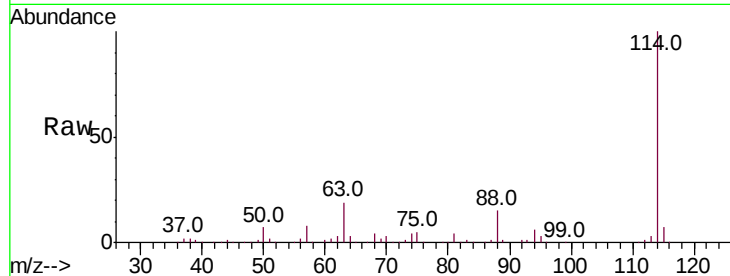




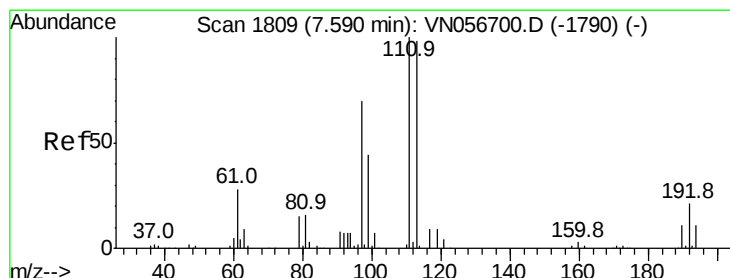
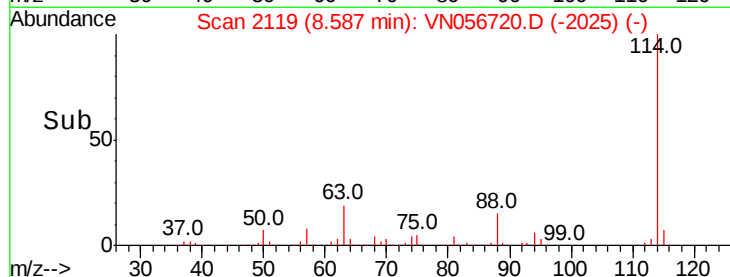
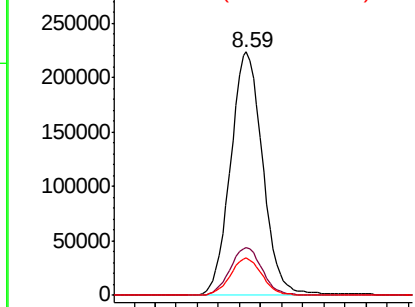
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056720.D
 Acq: 15 Jul 2019 18:22

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW534-3338

Tot Ion:114 Resp: 473912
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 15.3 0.0 31.2

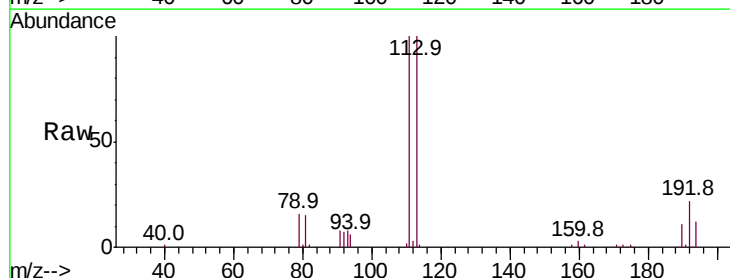


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

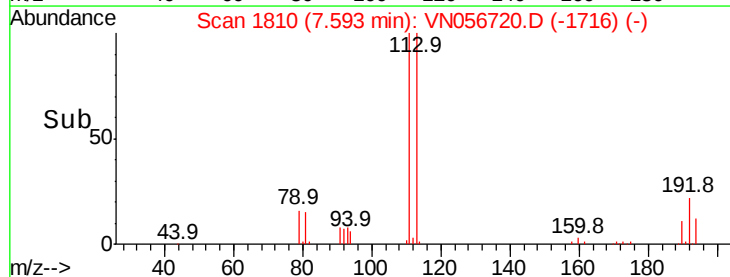
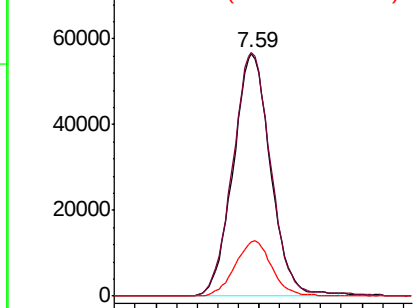


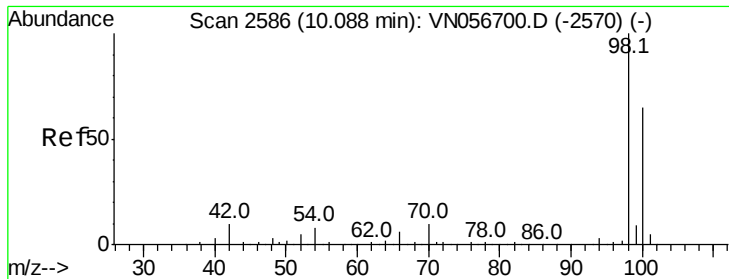
#35
 Dibromofluoromethane
 Concen: 48.321 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056720.D
 Acq: 15 Jul 2019 18:22

Tgt Ion:113 Resp: 142511
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.6
 192 22.3 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: 52.166 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056720.D

Acq: 15 Jul 2019 18:22

Instrument :

MSVOA_N

ClientSampleId :

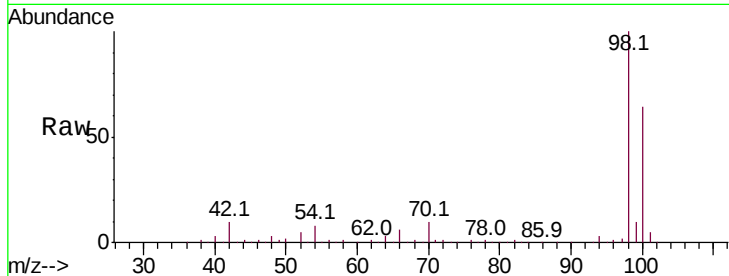
SA-TW534-3338

Tot Ion: 98 Resp: 594210

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056720.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056720.D (-2570) (-)

10.09

300000

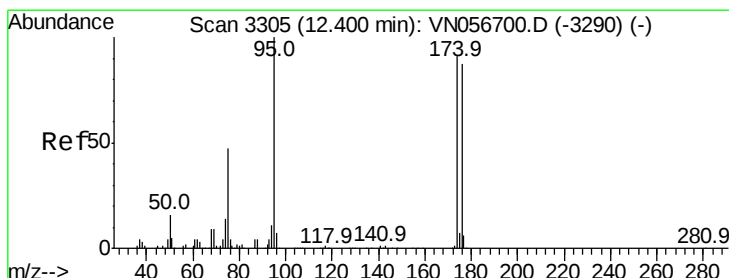
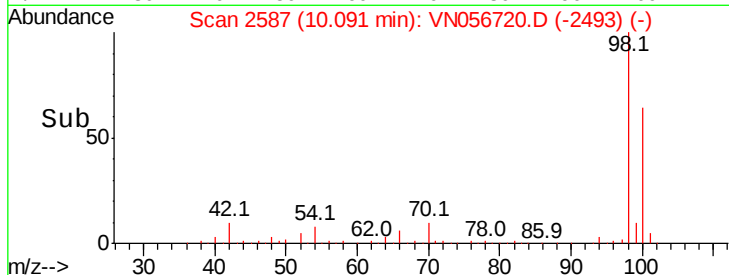
200000

100000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 55.629 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056720.D

Acq: 15 Jul 2019 18:22

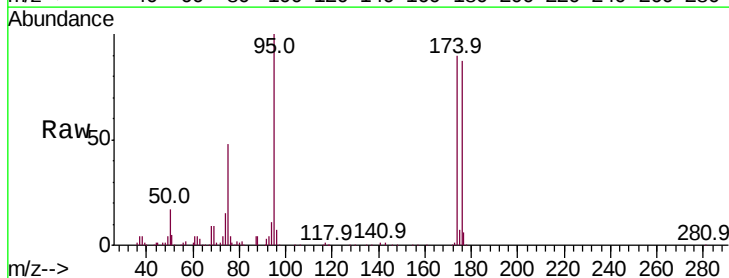
Tgt Ion: 95 Resp: 213688

Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.0

176 87.7 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056720.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN056720.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN056720.D (-3212) (-)

12.40

150000

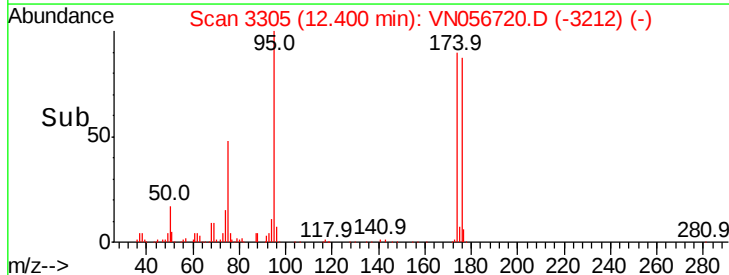
100000

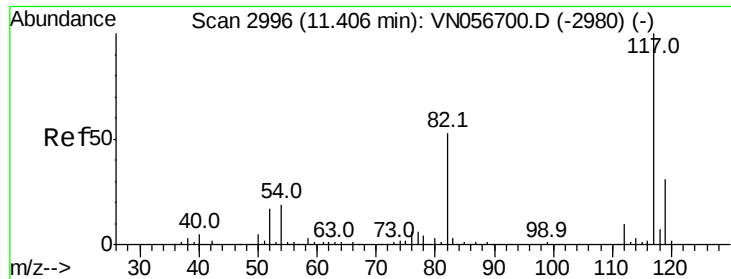
50000

0

12.30 12.40 12.50

Time-->

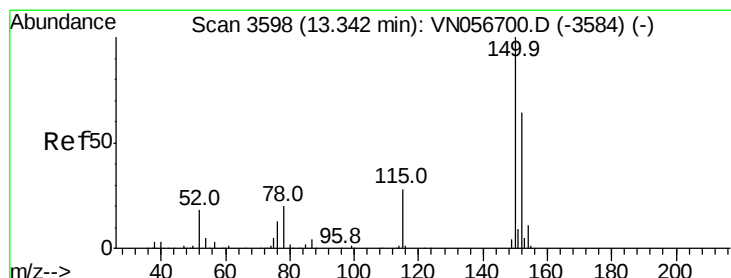
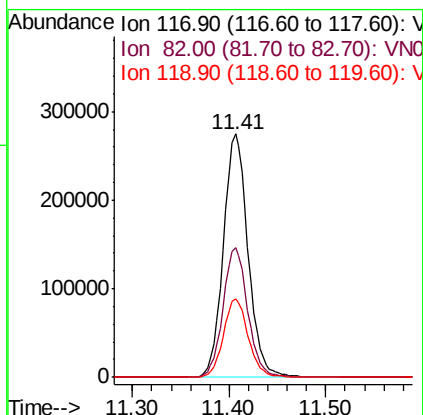
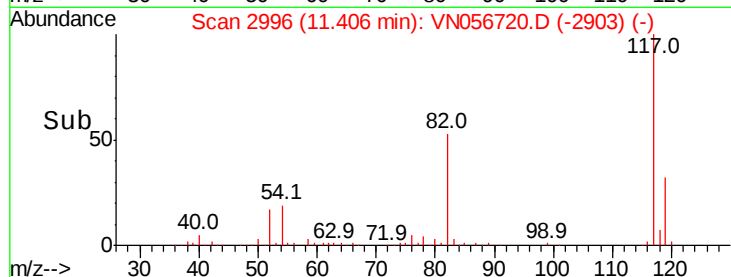
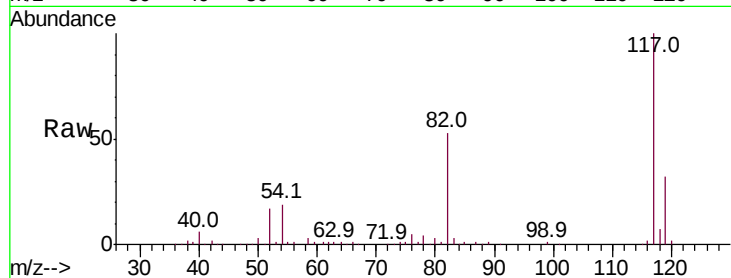




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056720.D
Acq: 15 Jul 2019 18:22

Instrument :
MSVOA_N
ClientSampleId :
SA-TW534-3338

Tot Ion:117 Resp: 487162
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.2
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056720.D
Acq: 15 Jul 2019 18:22

Tgt Ion:152 Resp: 190998
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 156.9 0.0 345.8

