

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071719\
 Data File : VN056786.D
 Acq On : 17 Jul 2019 11:05
 Operator : JC/SP
 Sample : K3841-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-190715

Quant Time: Jul 18 01:27:11 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	253427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	450794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	470349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163119	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	147837	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	7.59	113	134128	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	10.09	98	569245	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.40	95	202172	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	

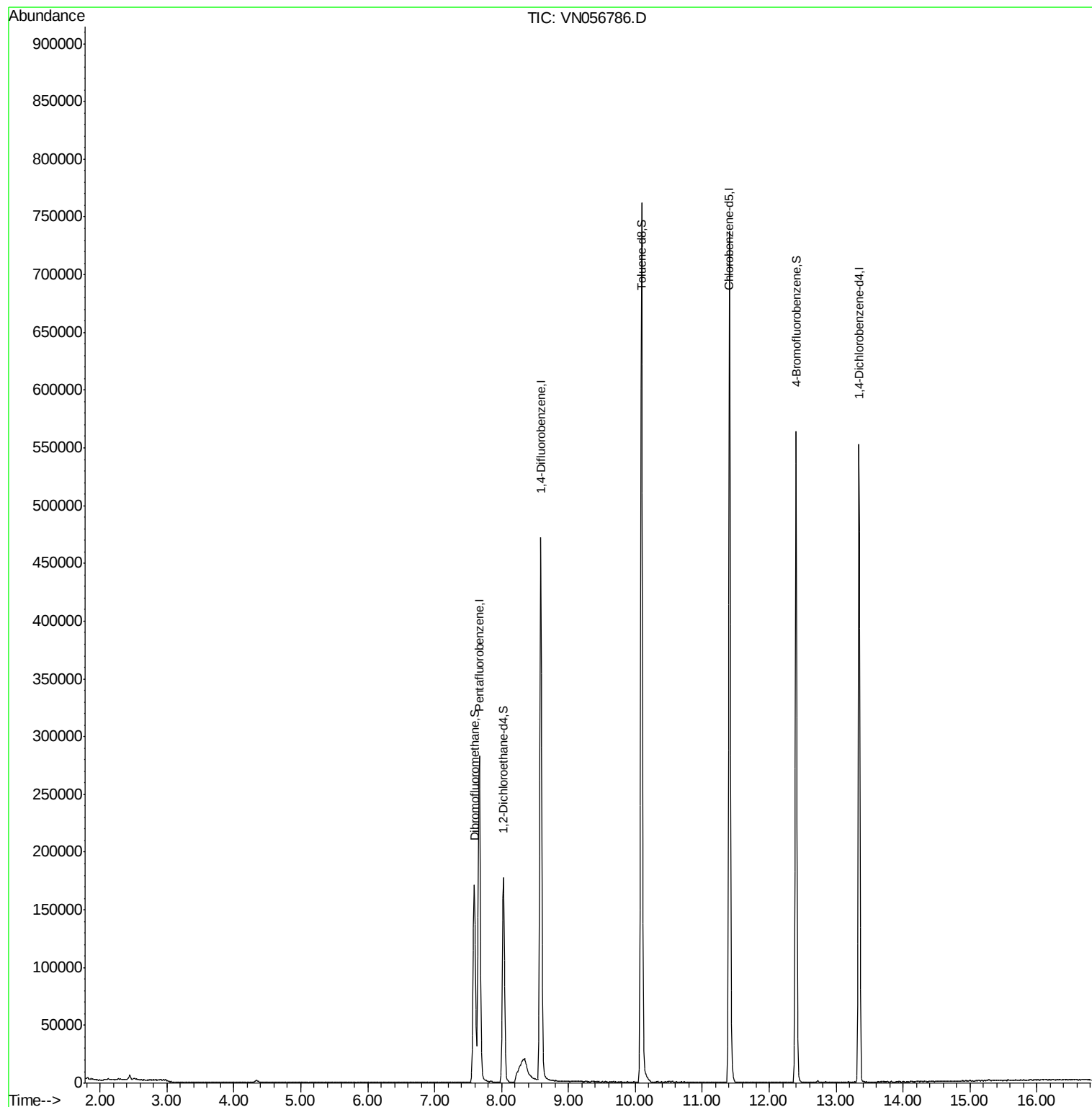
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056786.D

Acq: 17 Jul 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

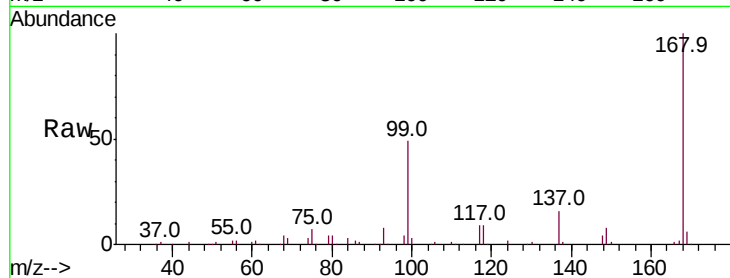
TB-01-190715

Tot Ion:168 Resp: 253427

Ion Ratio Lower Upper

168 100

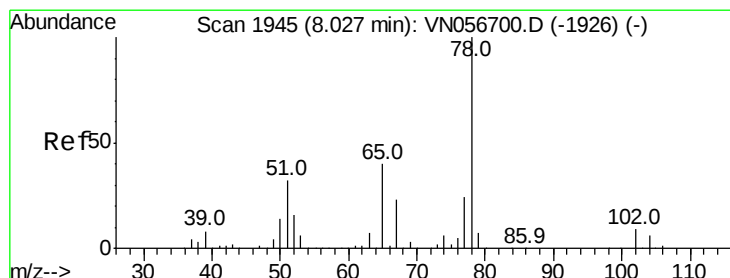
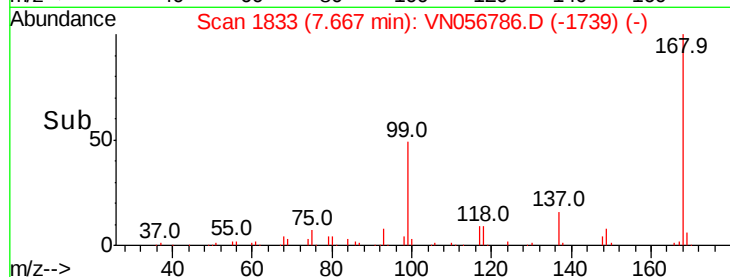
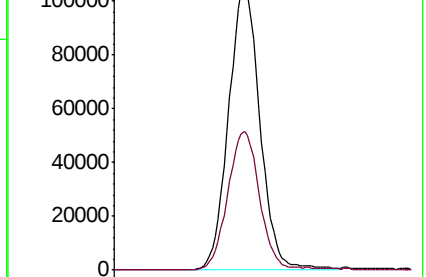
99 48.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056786.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056786.D (-1739) (-)

7.67



#33

1,2-Dichloroethane-d4

Concen: 52.738 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056786.D

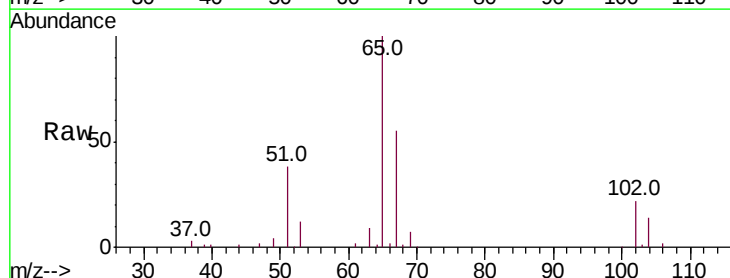
Acq: 17 Jul 2019 11:05

Tgt Ion: 65 Resp: 147837

Ion Ratio Lower Upper

65 100

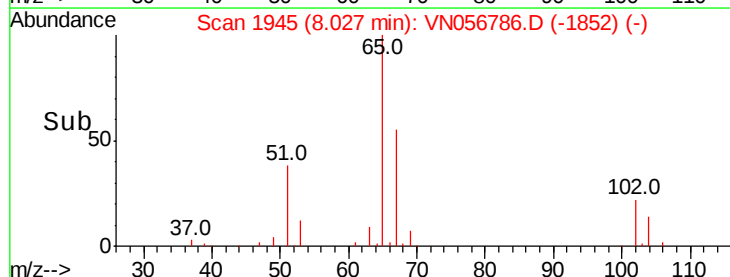
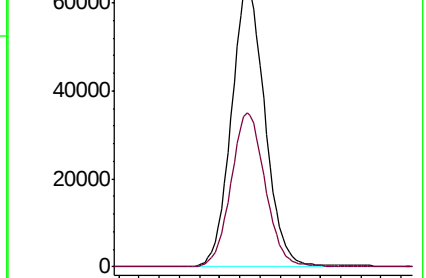
67 55.8 0.0 109.0

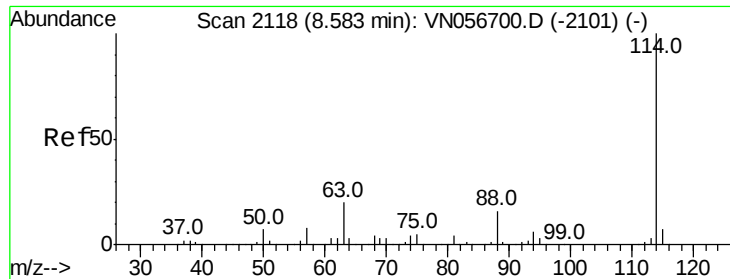


Abundance Ion 64.90 (64.60 to 65.60): VN056786.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN056786.D (-1852) (-)

8.03

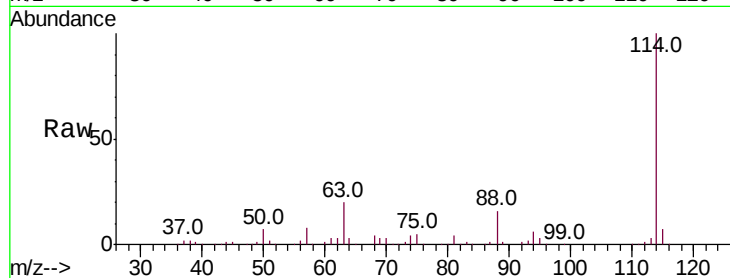




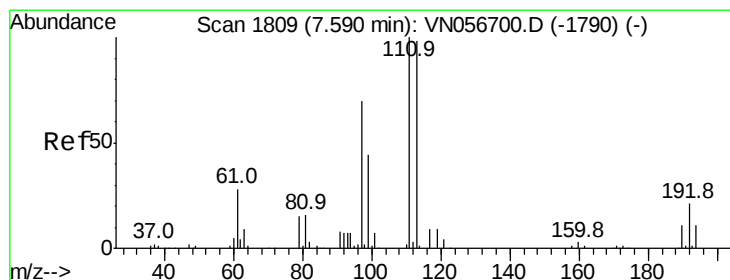
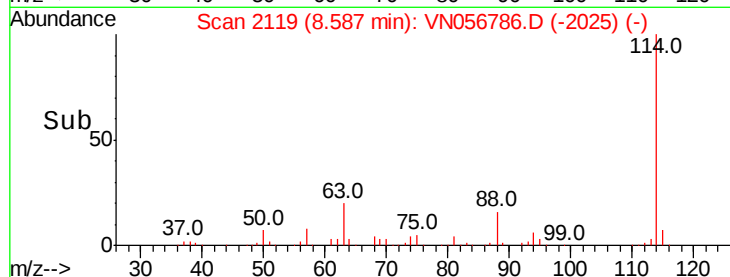
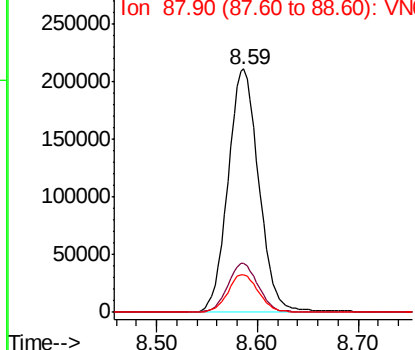
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056786.D
 Acq: 17 Jul 2019 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-190715

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.4
88	15.6	0.0	31.2

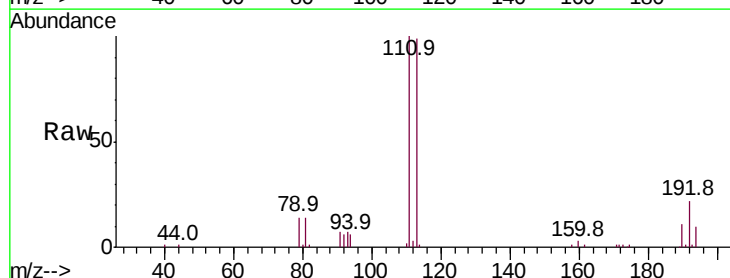


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

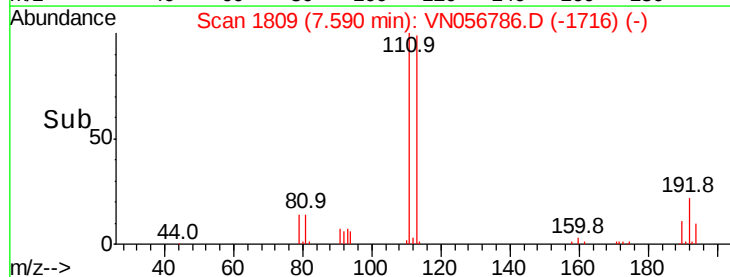
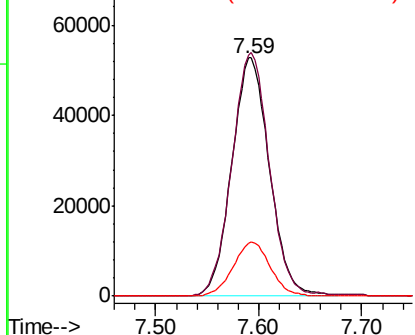


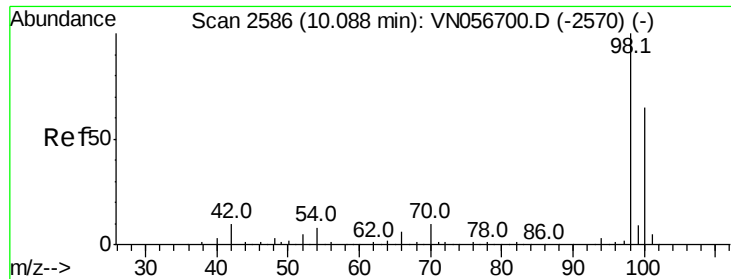
#35
 Dibromofluoromethane
 Concen: 47.811 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056786.D
 Acq: 17 Jul 2019 11:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	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: 52.537 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056786.D

Acq: 17 Jul 2019 11:05

Instrument :

MSVOA_N

ClientSampleId :

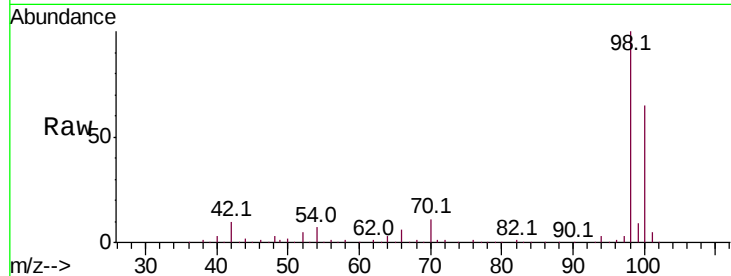
TB-01-190715

Tot Ion: 98 Resp: 569245

Ion Ratio Lower Upper

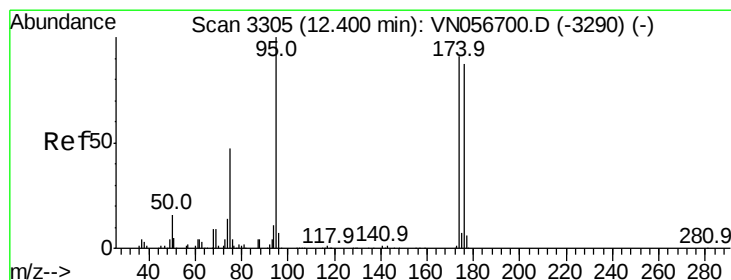
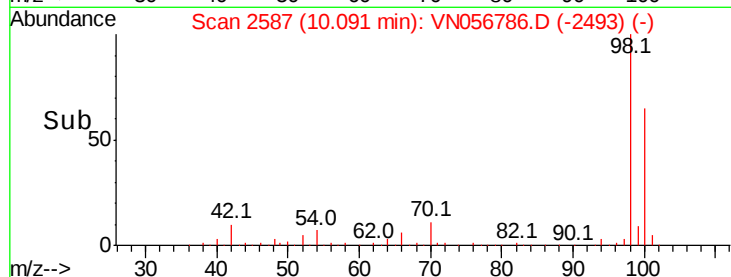
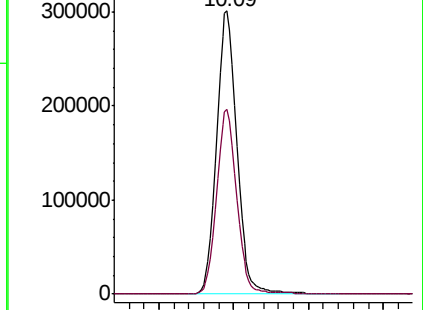
98 100

100 64.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 55.330 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056786.D

Acq: 17 Jul 2019 11:05

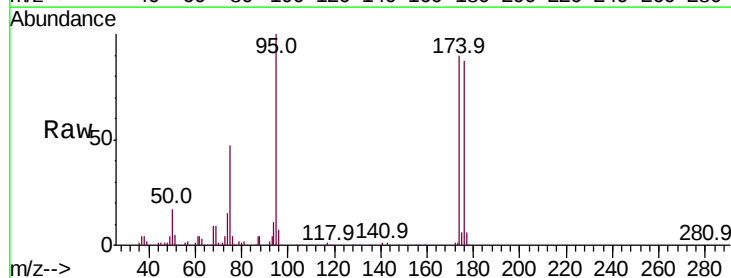
Tgt Ion: 95 Resp: 202172

Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.0

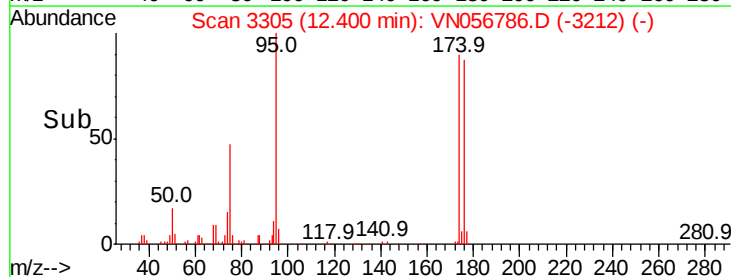
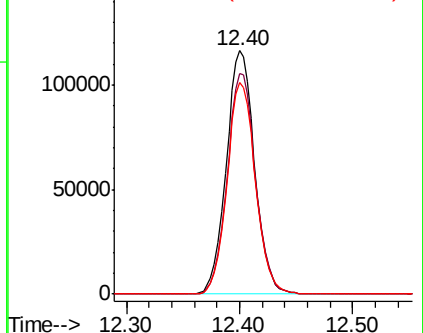
176 87.2 0.0 173.2

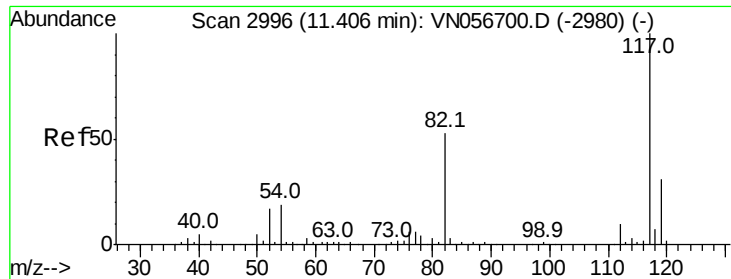


Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)

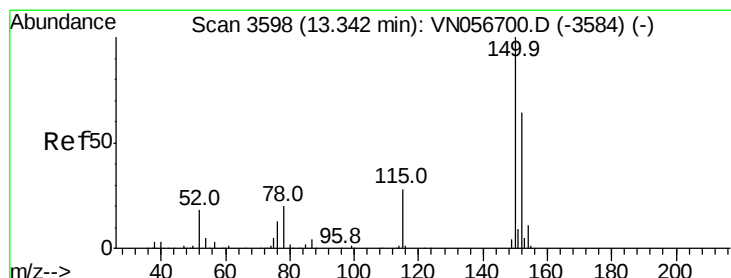
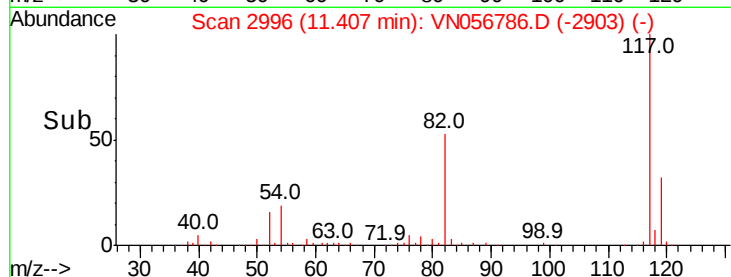
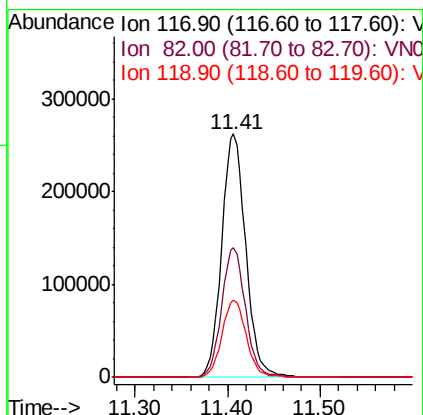
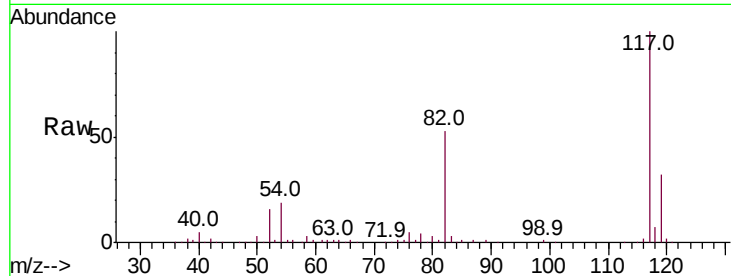




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN056786.D
 Acq: 17 Jul 2019 11:05

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-190715

Tot Ion:117 Resp: 470349
 Ion Ratio Lower Upper
 117 100
 82 53.3 42.2 63.2
 119 31.7 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: VN056786.D
 Acq: 17 Jul 2019 11:05

Tgt Ion:152 Resp: 163119
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.2 84.7
 150 157.2 0.0 345.8

