

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056740.D
 Acq On : 16 Jul 2019 2:54
 Operator : JC/SP
 Sample : K3814-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY030LC058-SW-190712

Quant Time: Jul 16 09:16:04 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	268733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	476462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	494882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197321	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	154563	52.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.00%	
35) Dibromofluoromethane	7.59	113	141213	47.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.24%	
50) Toluene-d8	10.09	98	593772	51.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.40	95	219738	56.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.80%	

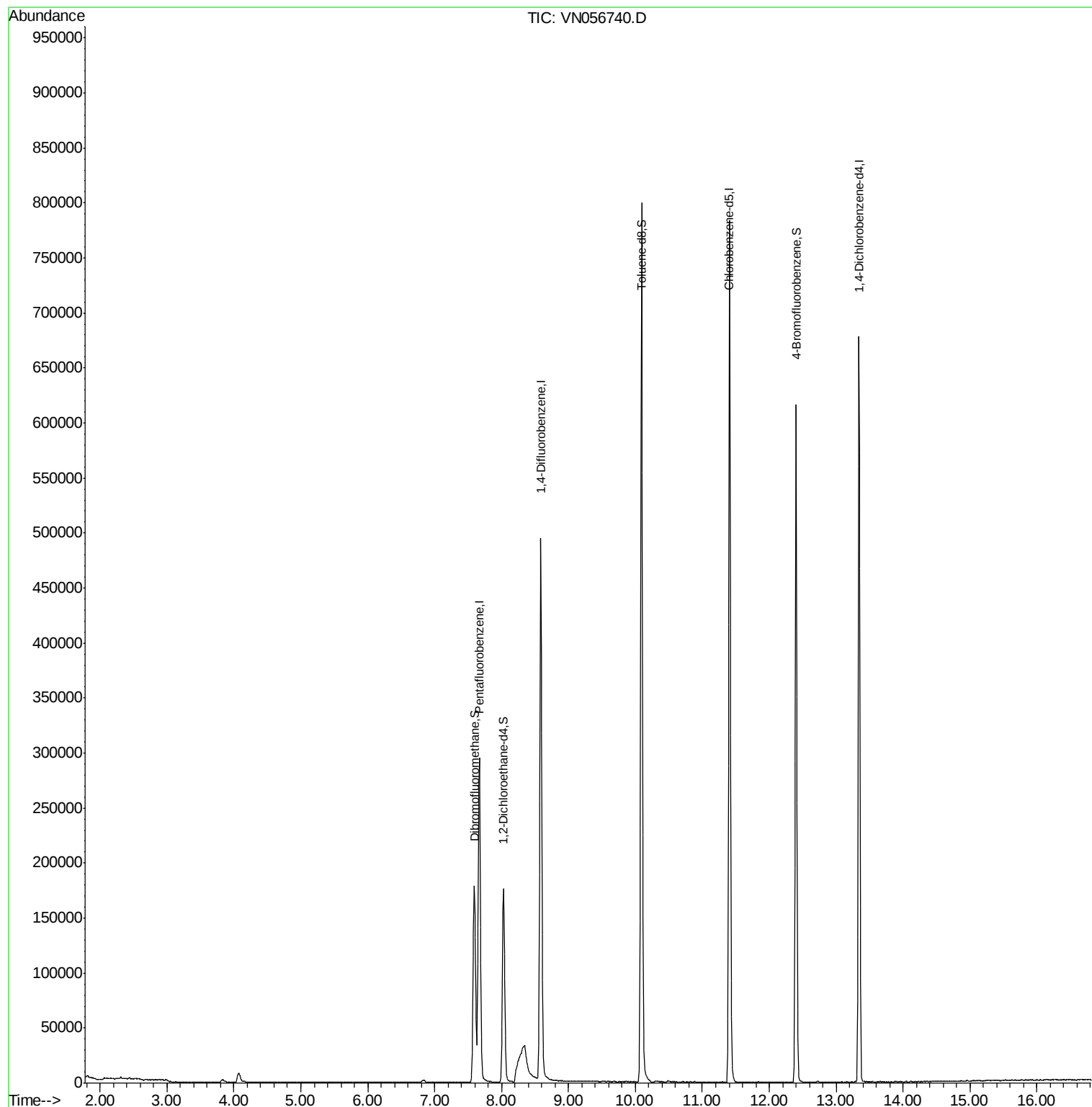
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056740.D

Acq: 16 Jul 2019 2:54

Instrument :

MSVOA_N

ClientSampleId :

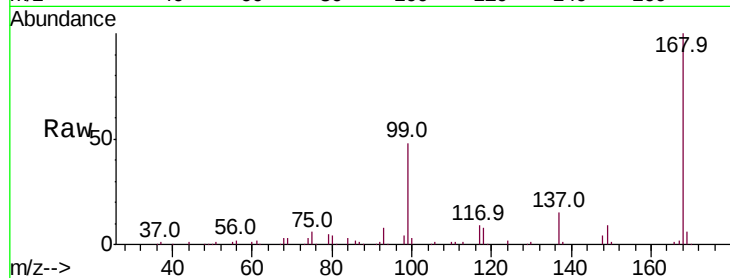
KY030LC058-SW-190712

Tot Ion:168 Resp: 268733

Ion Ratio Lower Upper

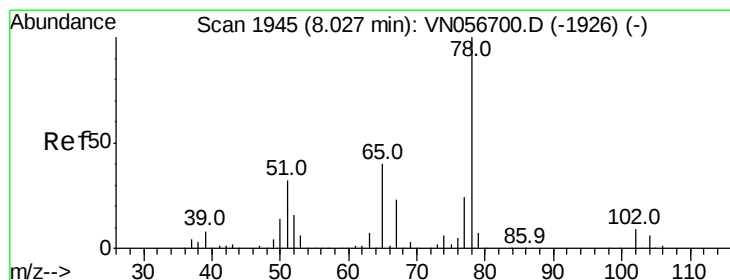
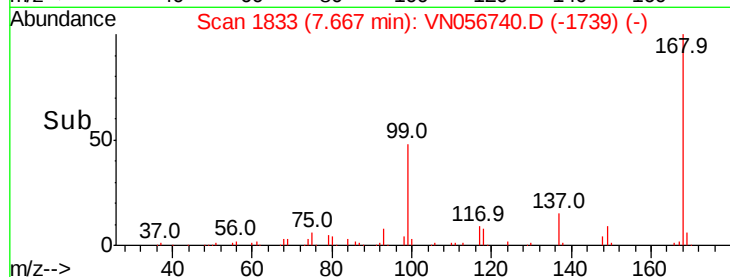
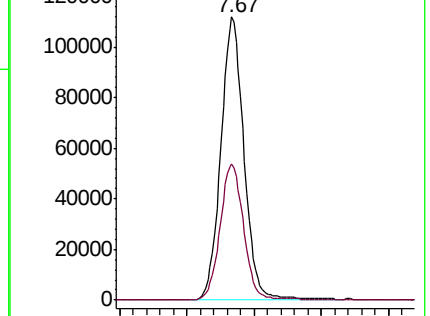
168 100

99 47.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.997 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056740.D

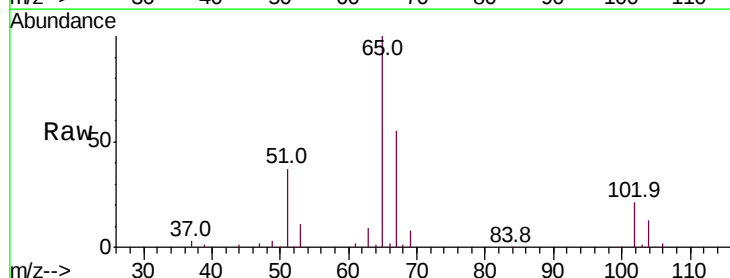
Acq: 16 Jul 2019 2:54

Tgt Ion: 65 Resp: 154563

Ion Ratio Lower Upper

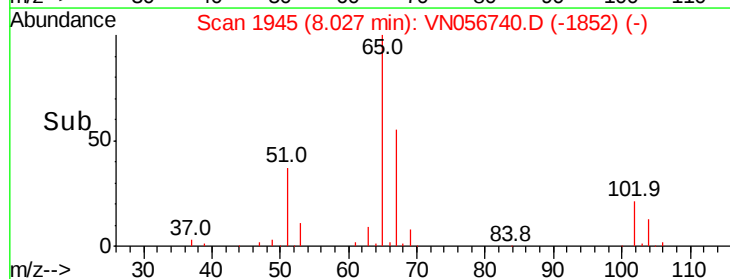
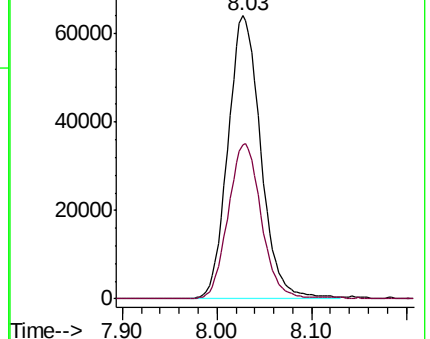
65 100

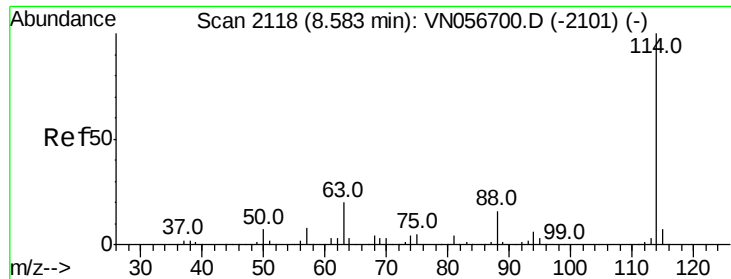
67 55.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

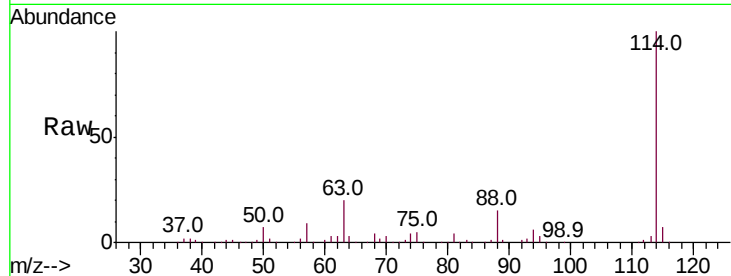




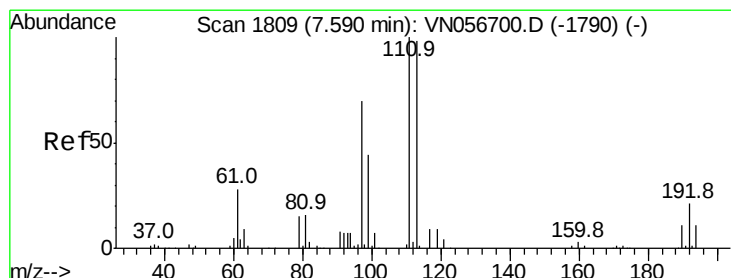
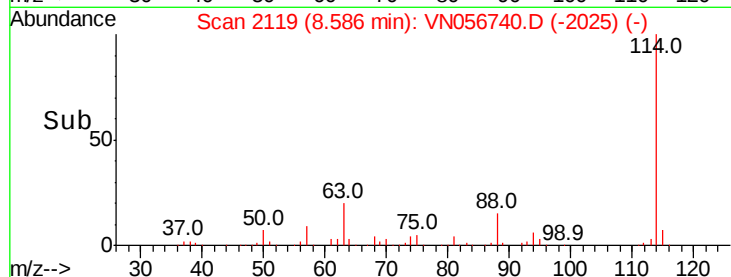
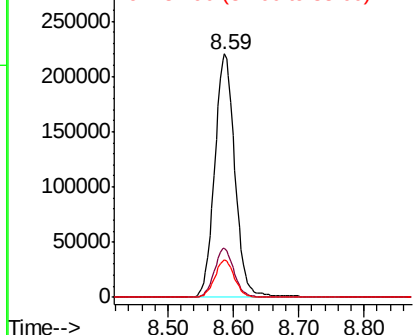
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056740.D
 Acq: 16 Jul 2019 2:54

Instrument :
 MSVOA_N
 ClientSampleId :
 KY030LC058-SW-190712

Tot Ion:114 Resp: 476462
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 15.3 0.0 31.2

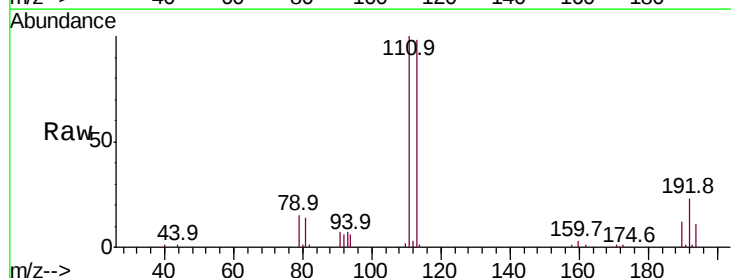


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

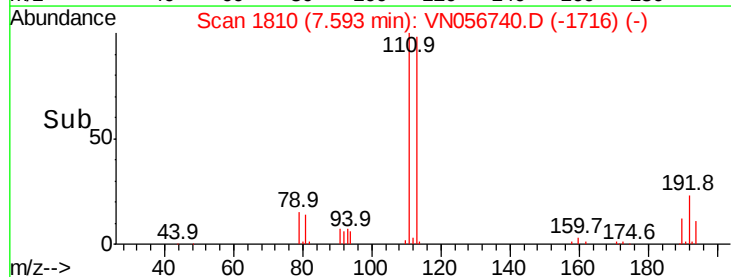
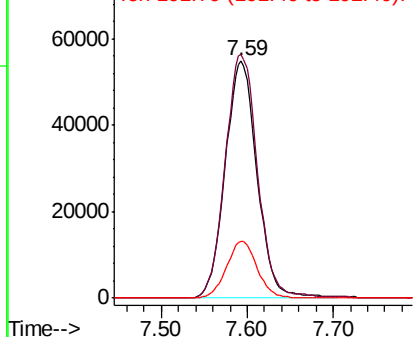


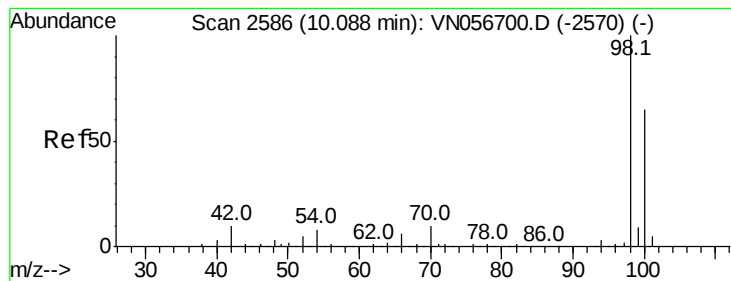
#35
 Dibromofluoromethane
 Concen: 47.625 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056740.D
 Acq: 16 Jul 2019 2:54

Tgt Ion:113 Resp: 141213
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.8 122.6
 192 23.0 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: 51.849 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056740.D

Acq: 16 Jul 2019 2:54

Instrument :

MSVOA_N

ClientSampleId :

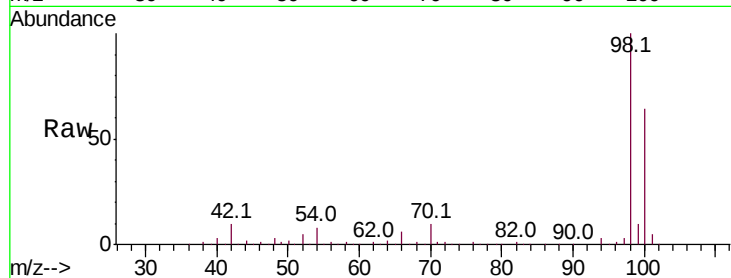
KY030LC058-SW-190712

Tot Ion: 98 Resp: 593772

Ion Ratio Lower Upper

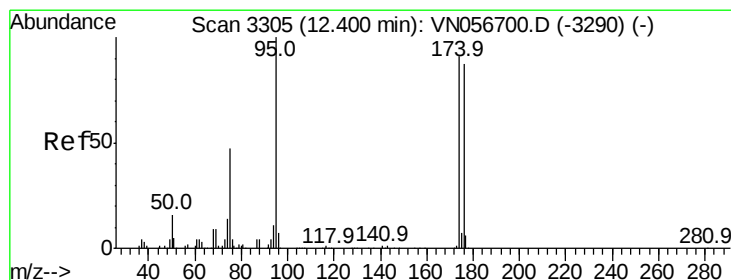
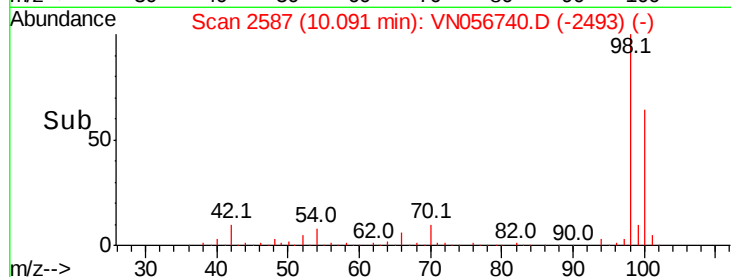
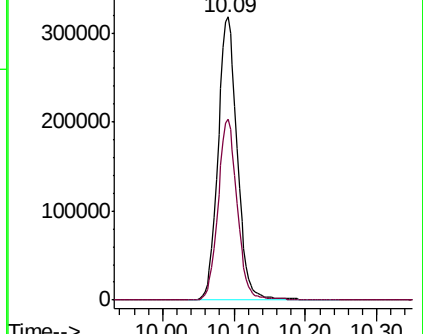
98 100

100 63.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 56.898 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056740.D

Acq: 16 Jul 2019 2:54

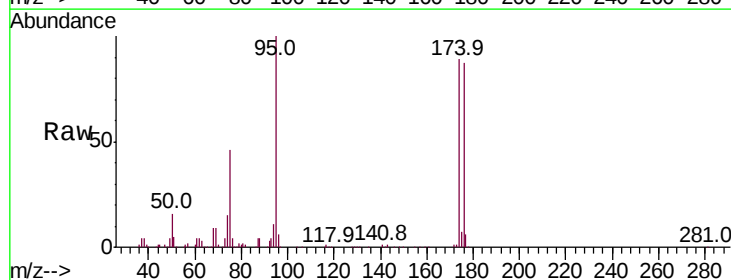
Tgt Ion: 95 Resp: 219738

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

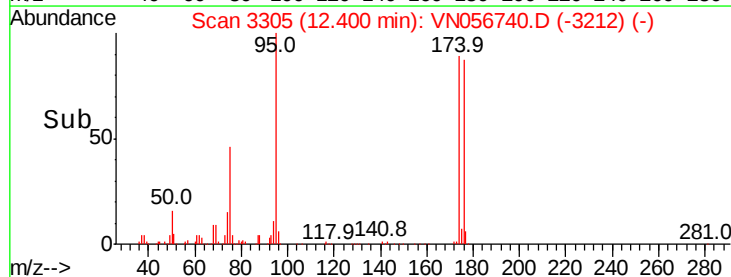
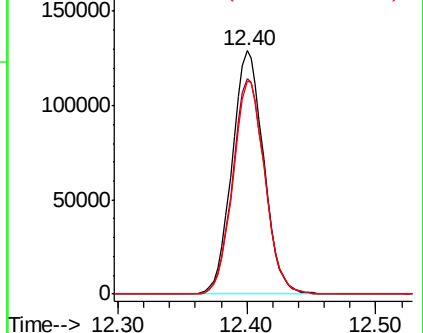
176 88.2 0.0 173.2

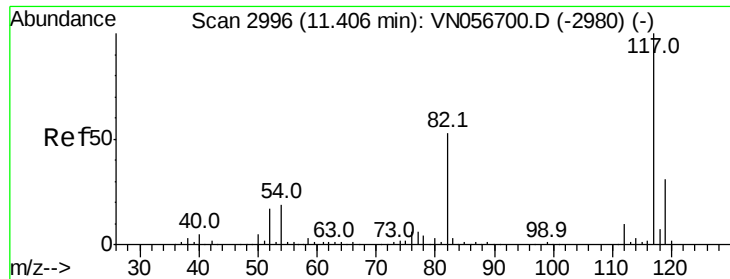


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

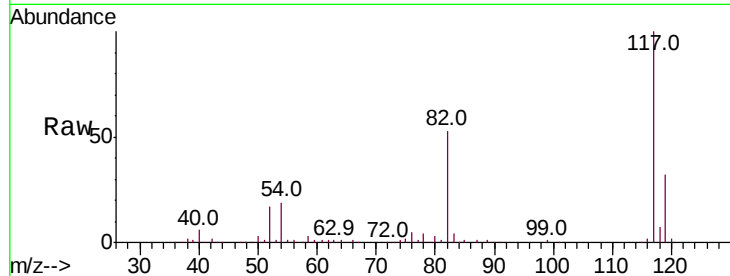




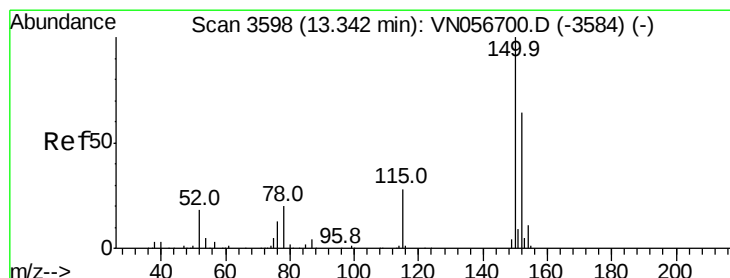
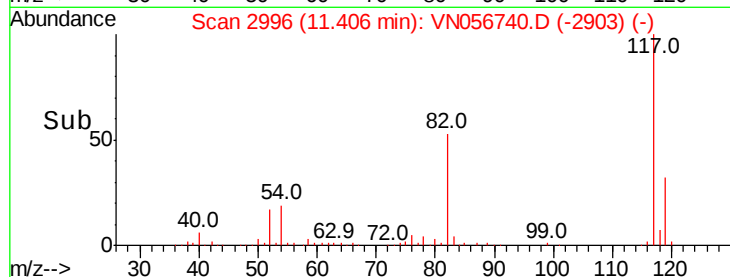
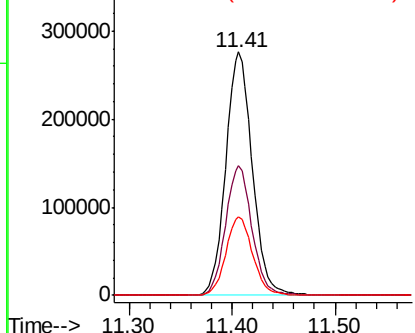
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056740.D
Acq: 16 Jul 2019 2:54

Instrument :
MSVOA_N
ClientSampleId :
KY030LC058-SW-190712

Tot Ion:117 Resp: 494882
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 32.5 25.2 37.8

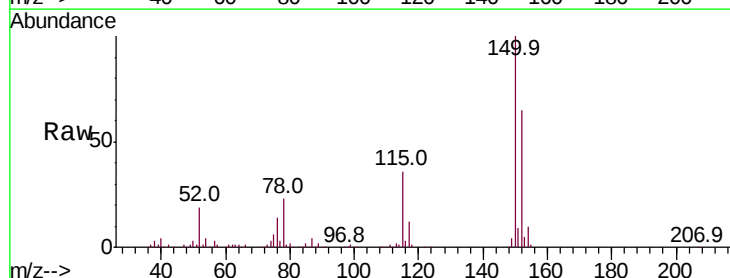


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056740.D
Acq: 16 Jul 2019 2:54

Tgt Ion:152 Resp: 197321
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 154.5 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

