

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056739.D
 Acq On : 16 Jul 2019 2:30
 Operator : JC/SP
 Sample : K3814-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY0300F006-SW-190712

Quant Time: Jul 16 09:15:50 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	267400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	475211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	495010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	194317	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	152648	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	7.59	113	142764	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	10.09	98	589886	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	218172	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	

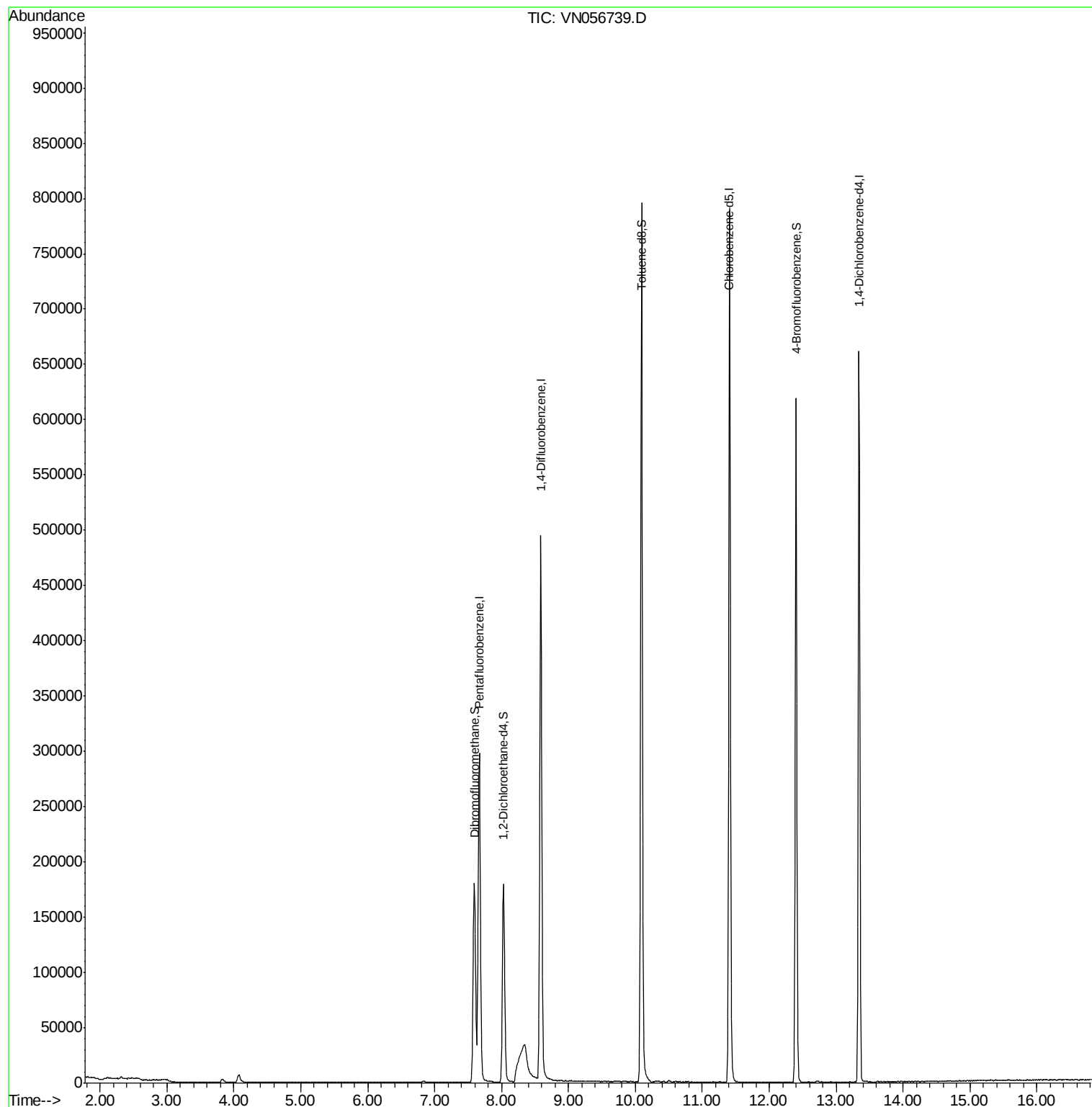
Target Compounds	Qvalue

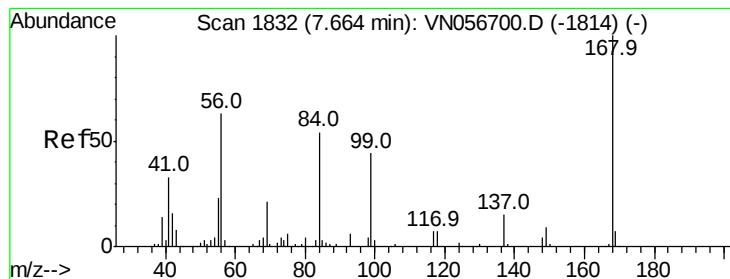
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056739.D

Acq: 16 Jul 2019 2:30

Instrument :

MSVOA_N

ClientSampleId :

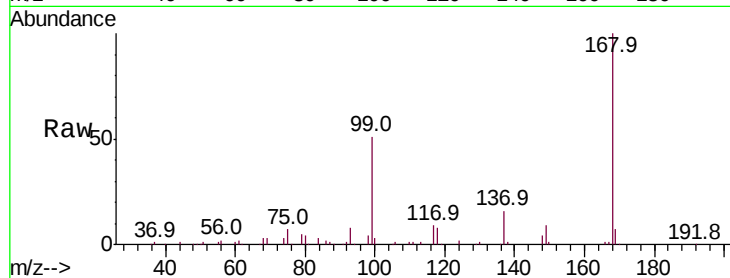
KY0300F006-SW-190712

Tot Ion:168 Resp: 267400

Ion Ratio Lower Upper

168 100

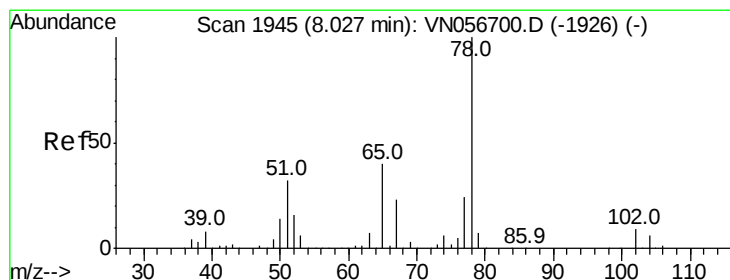
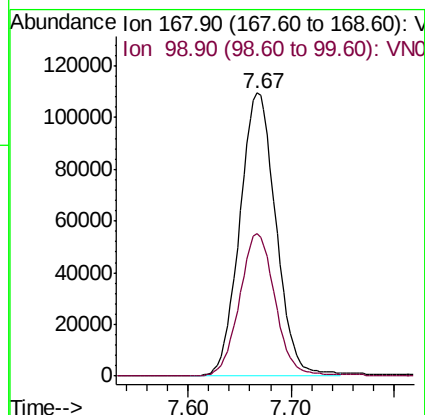
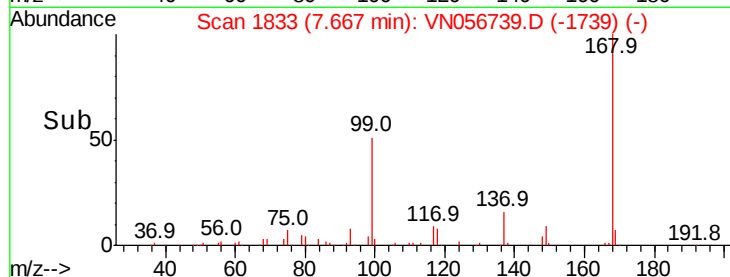
99 50.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056739.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056739.D (-1739) (-)

7.67



#33

1,2-Dichloroethane-d4

Concen: 51.608 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056739.D

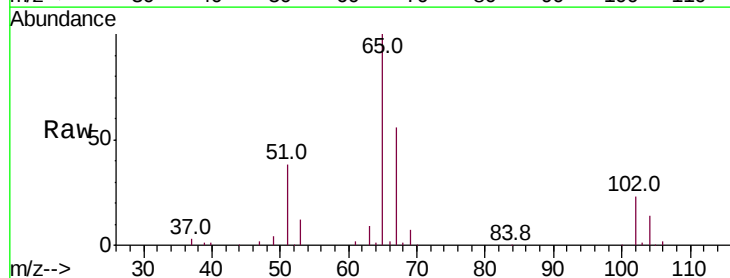
Acq: 16 Jul 2019 2:30

Tgt Ion: 65 Resp: 152648

Ion Ratio Lower Upper

65 100

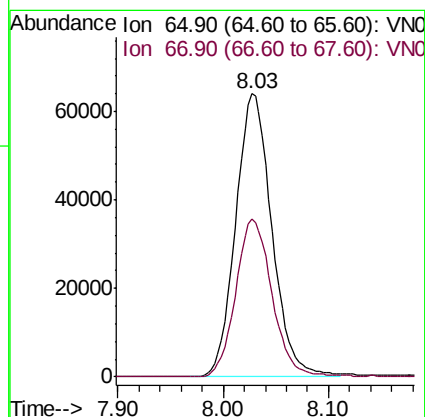
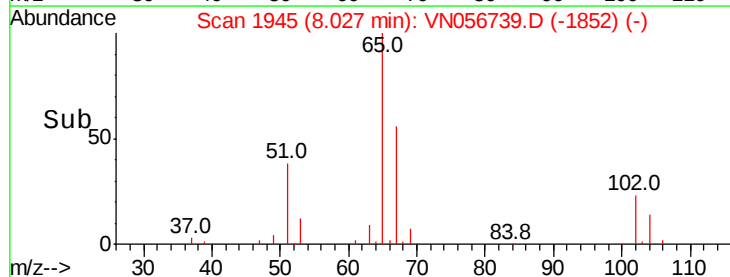
67 55.9 0.0 109.0

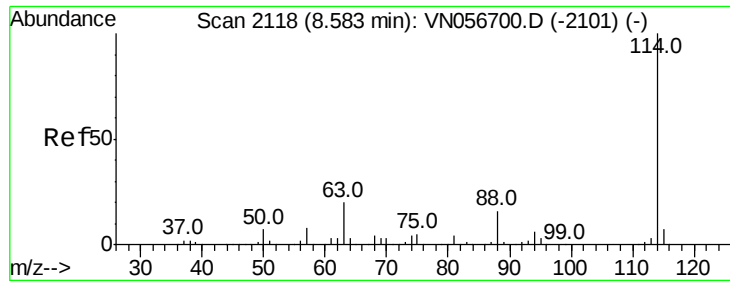


Abundance Ion 64.90 (64.60 to 65.60): VN056739.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN056739.D (-1852) (-)

8.03

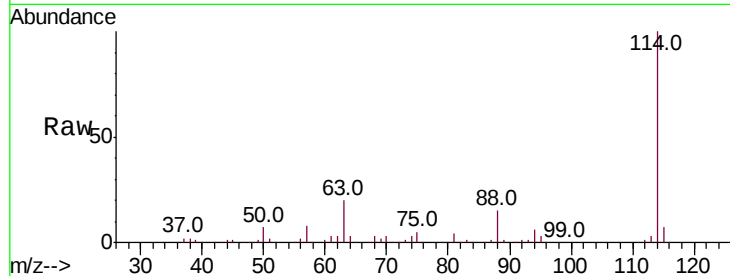




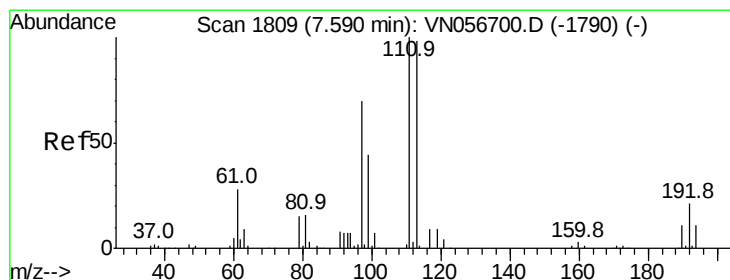
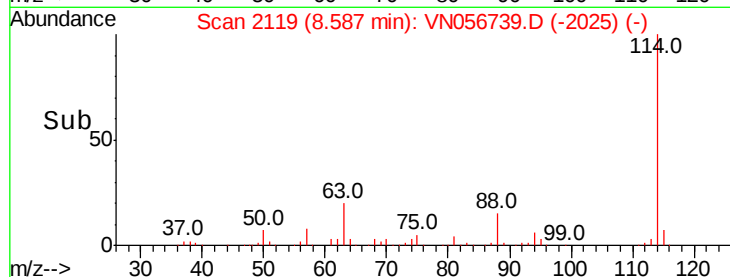
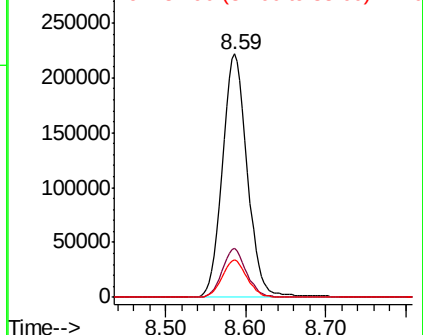
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056739.D
 Acq: 16 Jul 2019 2:30

Instrument :
 MSVOA_N
 ClientSampleId :
 KY0300F006-SW-190712

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.4
88	15.3	0.0	31.2

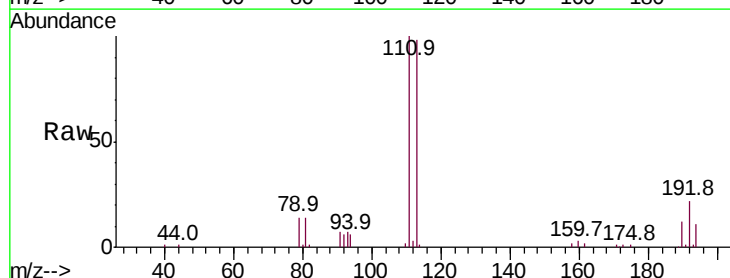


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

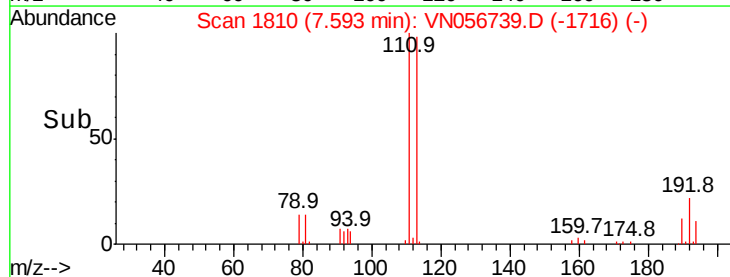
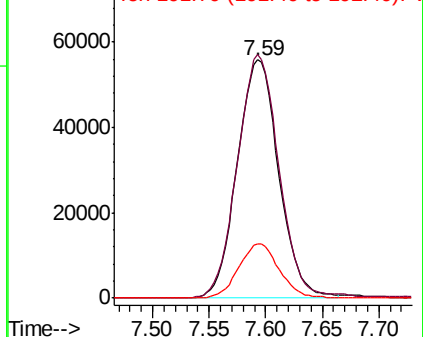


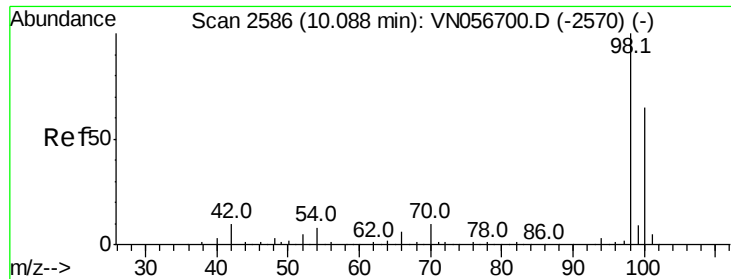
#35
 Dibromofluoromethane
 Concen: 48.275 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056739.D
 Acq: 16 Jul 2019 2:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	22.2	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: 51.645 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056739.D

Acq: 16 Jul 2019 2:30

Instrument :

MSVOA_N

ClientSampleId :

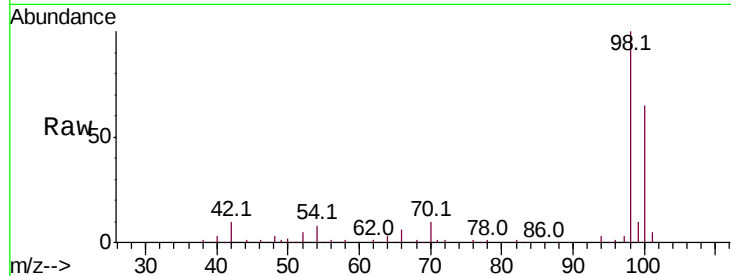
KY0300F006-SW-190712

Tot Ion: 98 Resp: 589886

Ion Ratio Lower Upper

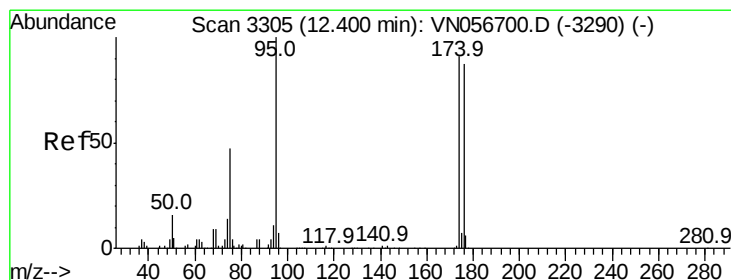
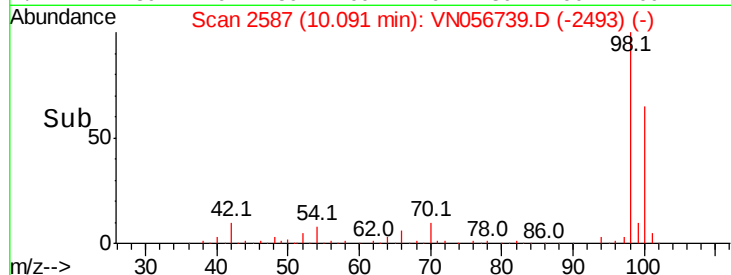
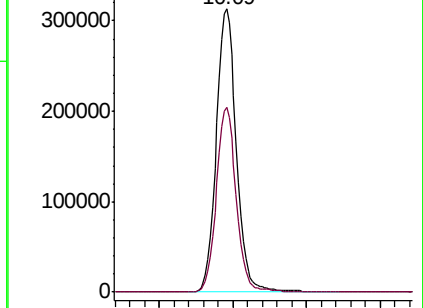
98 100

100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056739.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056739.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 56.641 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056739.D

Acq: 16 Jul 2019 2:30

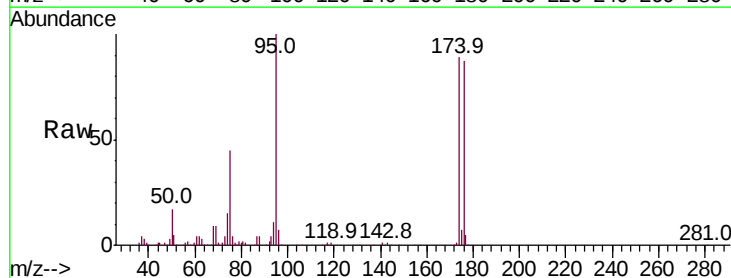
Tgt Ion: 95 Resp: 218172

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.0

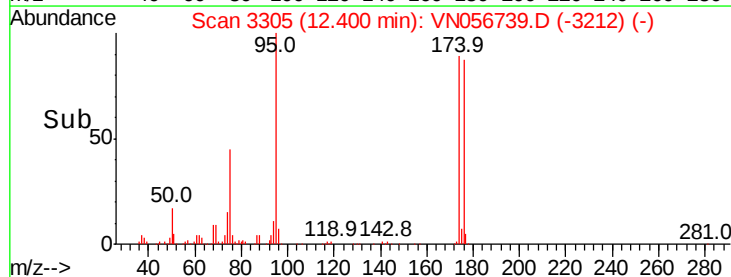
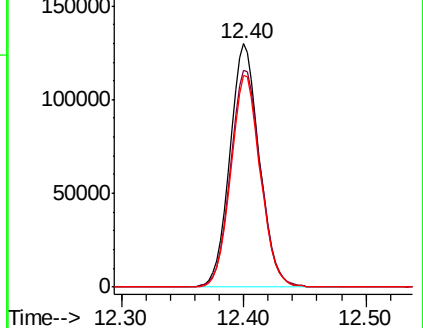
176 87.1 0.0 173.2

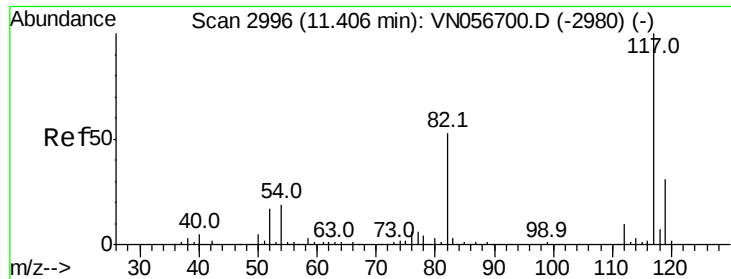


Abundance Ion 94.90 (94.60 to 95.60): VN056739.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN056739.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN056739.D (-3212) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056739.D

Acq: 16 Jul 2019 2:30

Instrument :

MSVOA_N

ClientSampleId :

KY0300F006-SW-190712

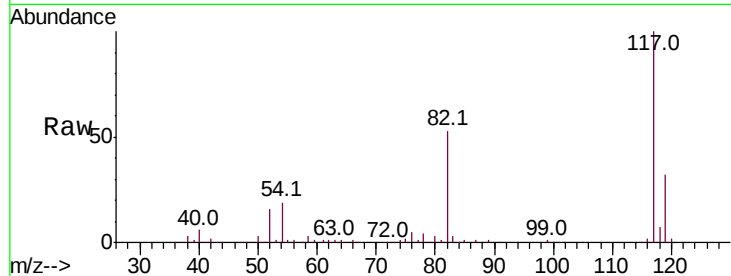
Tot Ion:117 Resp: 495010

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.2

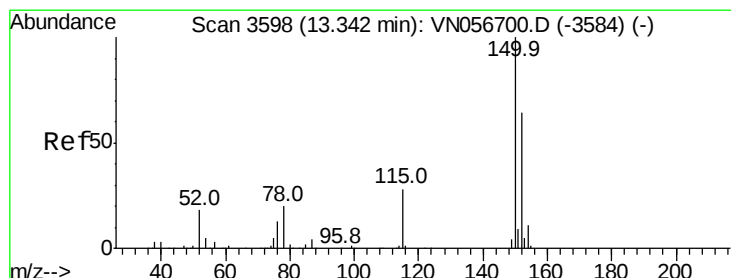
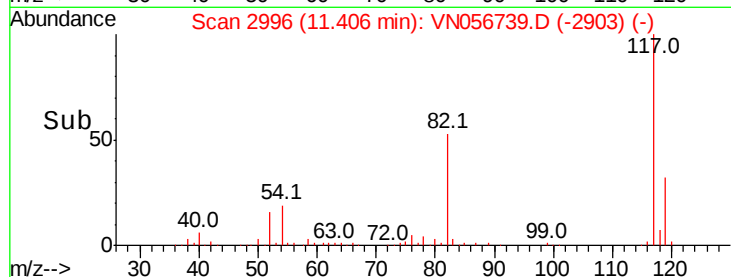
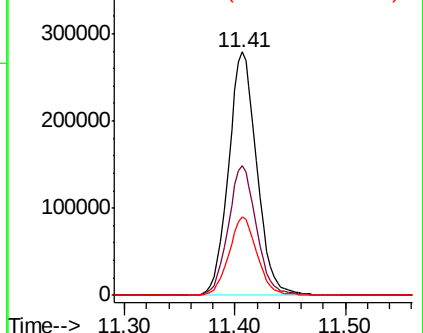
119 32.2 25.2 37.8



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: VN056739.D

Acq: 16 Jul 2019 2:30

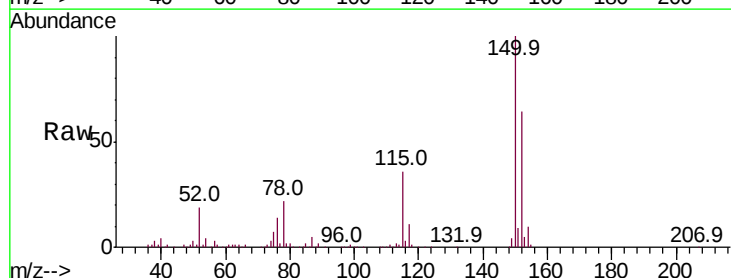
Tgt Ion:152 Resp: 194317

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 155.9 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

