

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071719\
 Data File : VN056797.D
 Acq On : 17 Jul 2019 15:21
 Operator : JC/SP
 Sample : K3841-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-190715

Quant Time: Jul 18 02:00:57 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

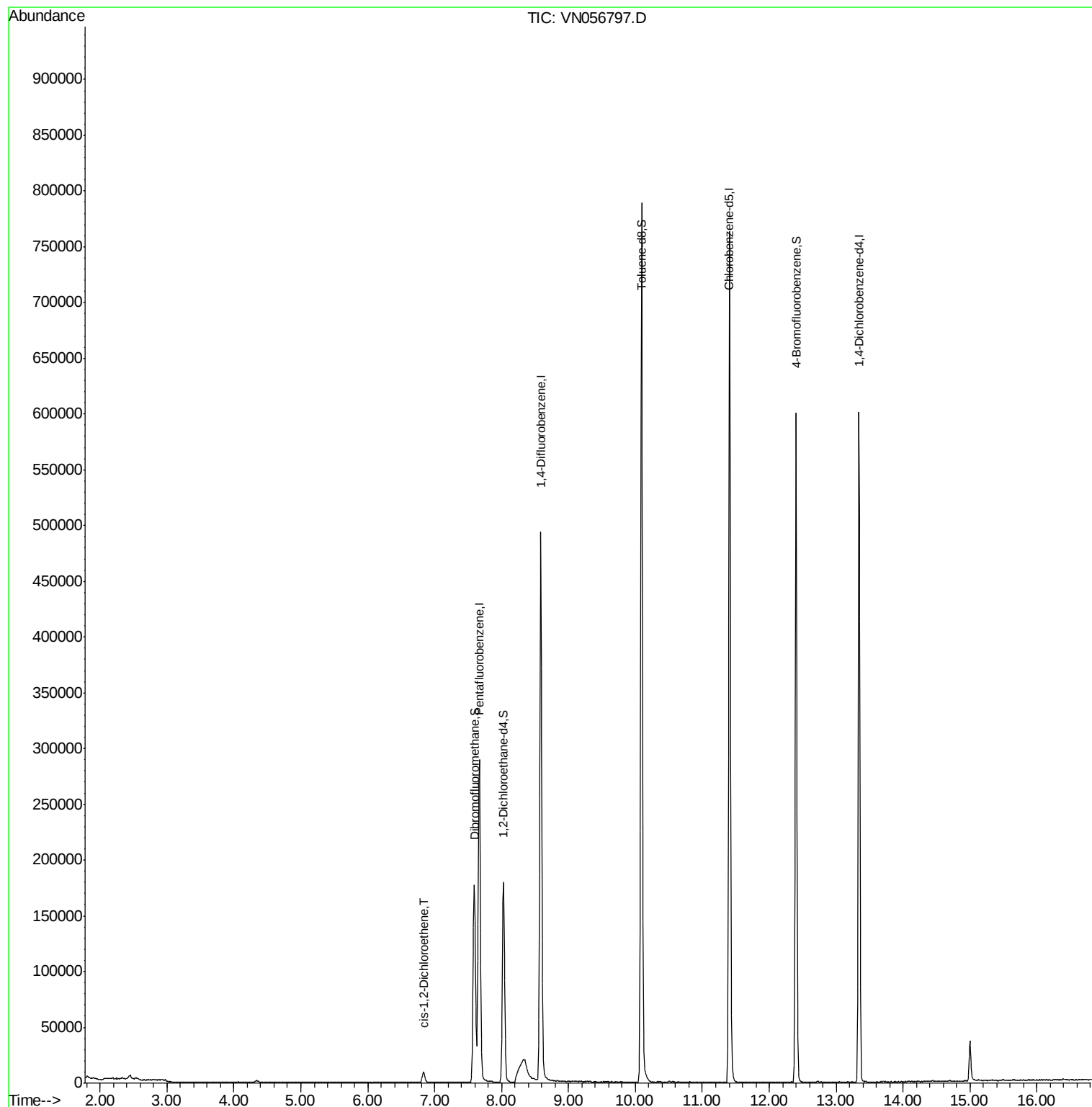
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	260536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	467560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	490233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	153950	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
35) Dibromofluoromethane	7.59	113	140123	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	10.09	98	584175	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.40	95	212528	56.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.16%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.83	96	6717	2.255	ug/l	Qvalue 77

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

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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: VN056797.D

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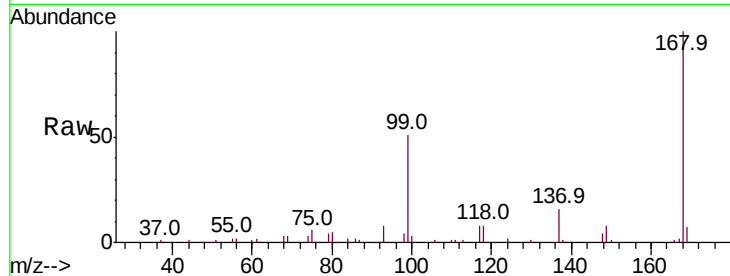
KY038PS038-190715

Tot Ion:168 Resp: 260536

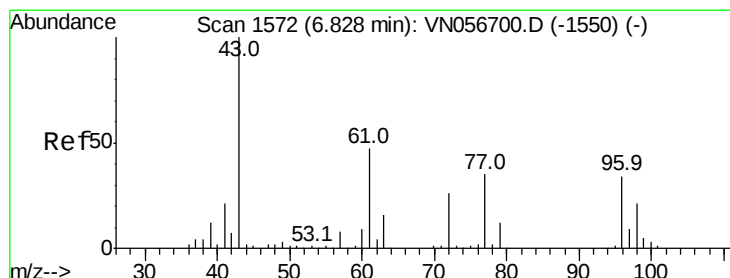
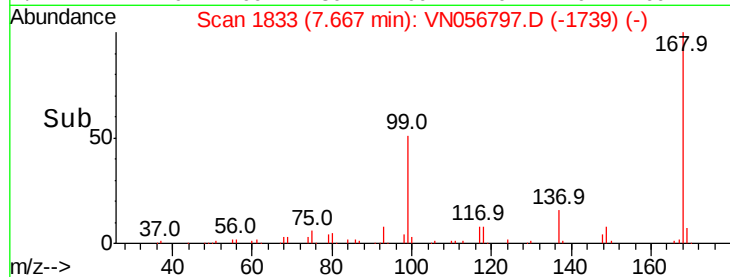
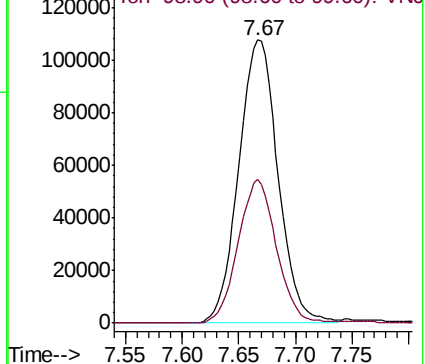
Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056797.D (-1739) (-)



#27

cis-1,2-Dichloroethene

Concen: 2.255 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN056797.D

Acq: 17 Jul 2019 15:21

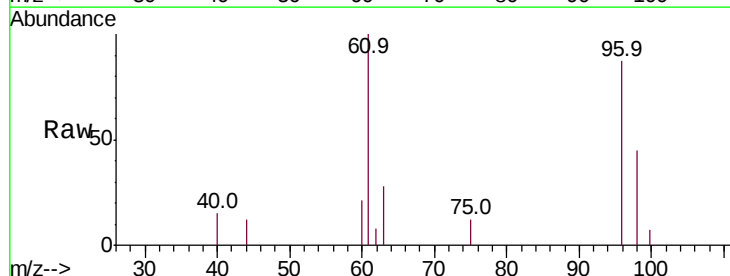
Tgt Ion: 96 Resp: 6717

Ion Ratio Lower Upper

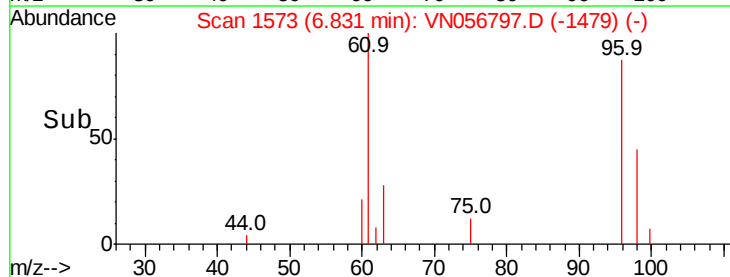
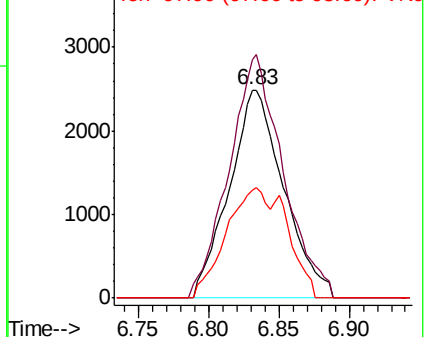
96 100

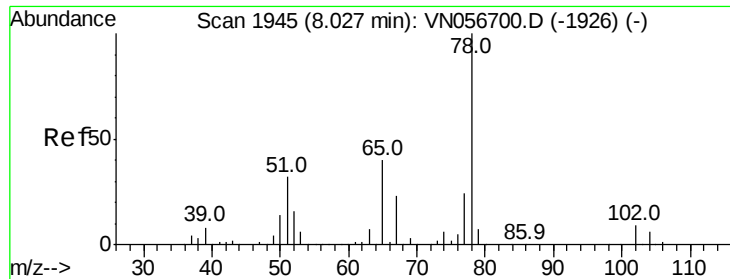
61 115.7 0.0 281.4

98 41.0 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN056797.D (-1479) (-)

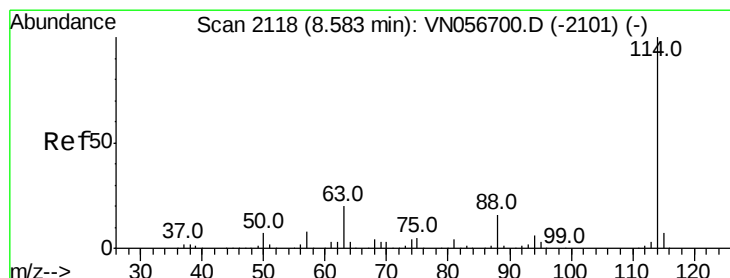
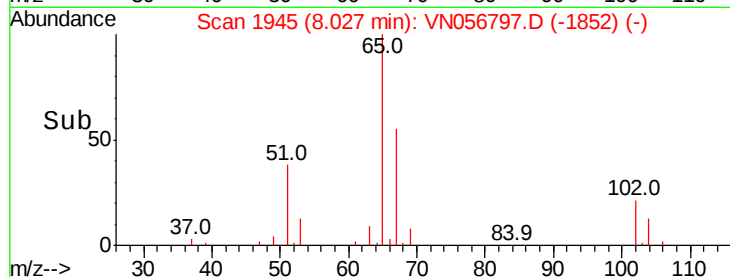
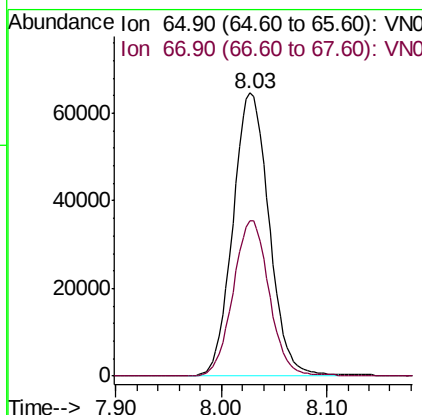
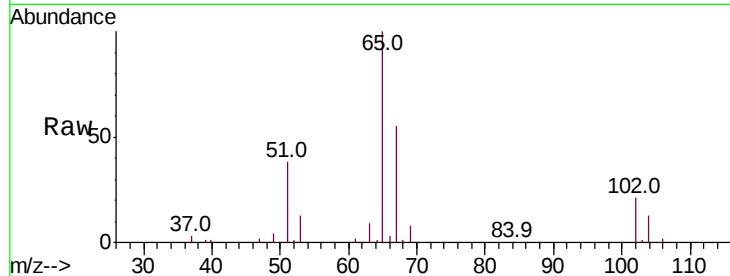




#33
 1,2-Dichloroethane-d4
 Concen: 53.420 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056797.D
 Acq: 17 Jul 2019 15:21

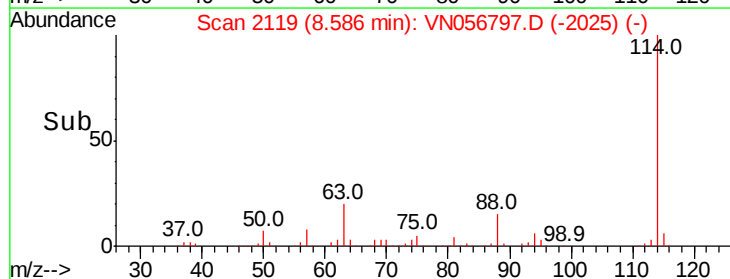
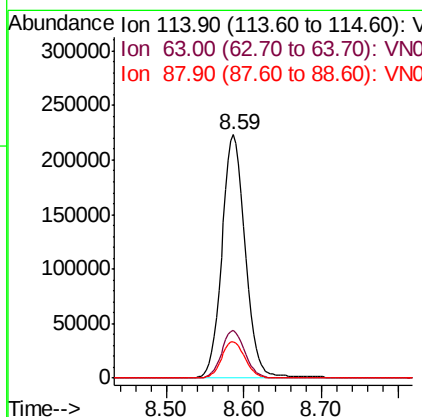
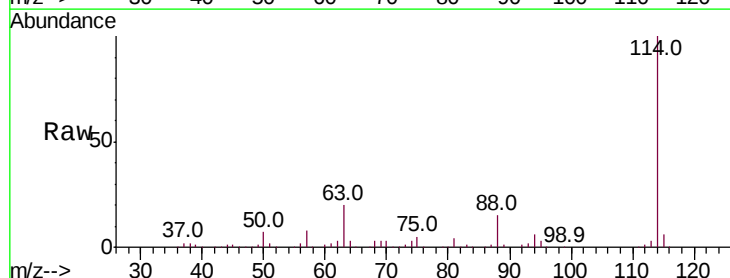
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-190715

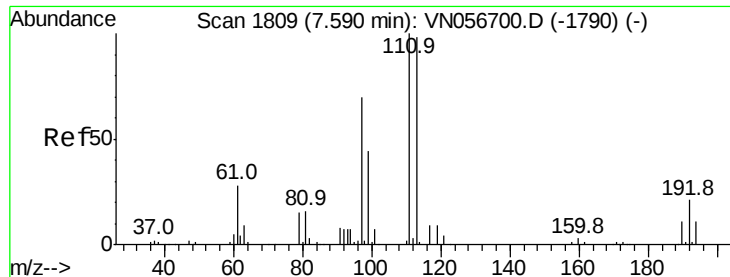
Tot Ion: 65 Resp: 153950
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056797.D
 Acq: 17 Jul 2019 15:21

Tgt Ion: 114 Resp: 467560
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 15.0 0.0 31.2

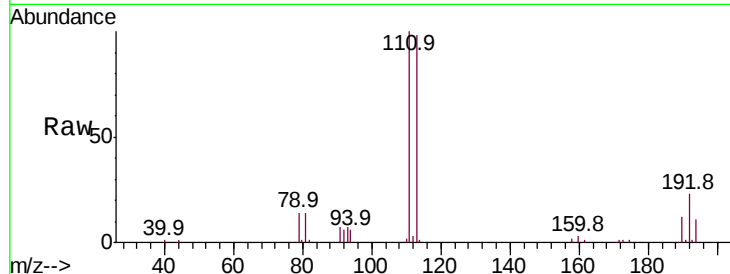




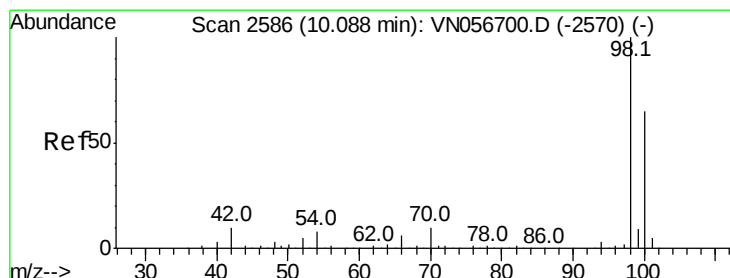
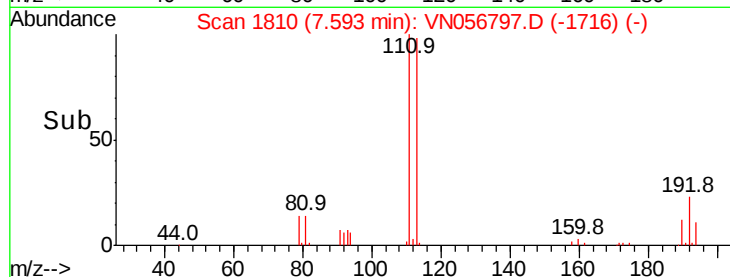
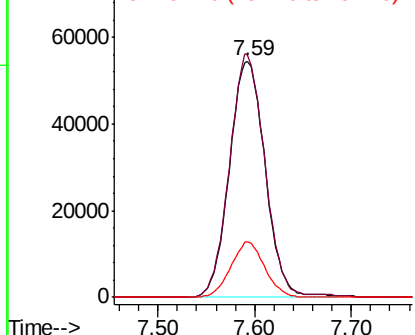
#35
 Dibromofluoromethane
 Concen: 48.157 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056797.D
 Acq: 17 Jul 2019 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-190715

Tot Ion:113 Resp: 140123
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.8 122.6
 192 22.2 17.5 26.3

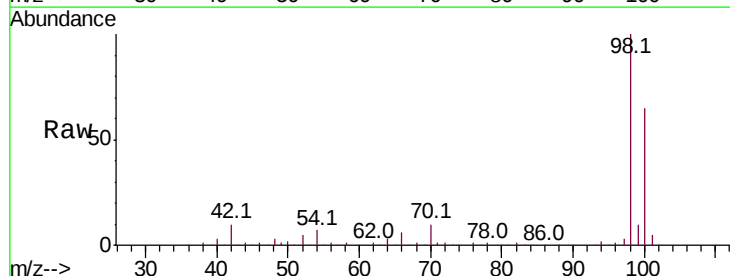


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

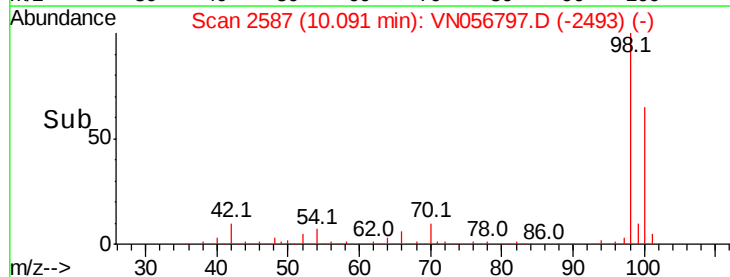
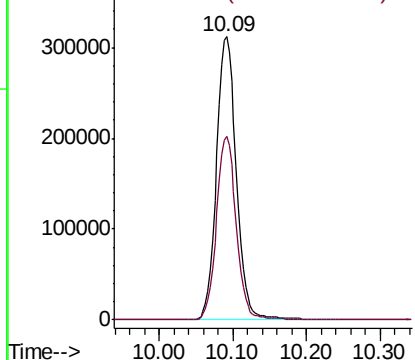


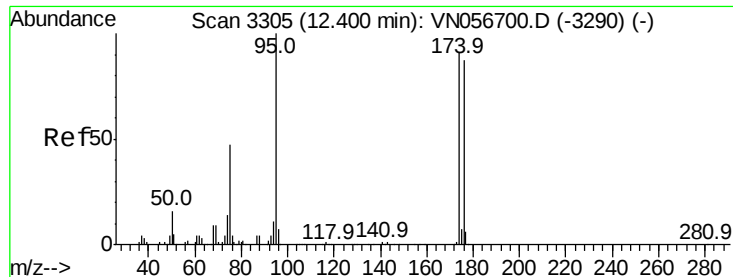
#50
 Toluene-d8
 Concen: 51.982 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056797.D
 Acq: 17 Jul 2019 15:21

Tgt Ion: 98 Resp: 584175
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 56.078 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056797.D

Acq: 17 Jul 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-190715

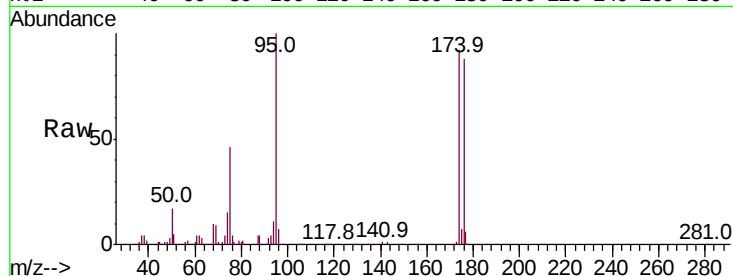
Tot Ion: 95 Resp: 212528

Ion Ratio Lower Upper

95 100

174 92.1 0.0 180.0

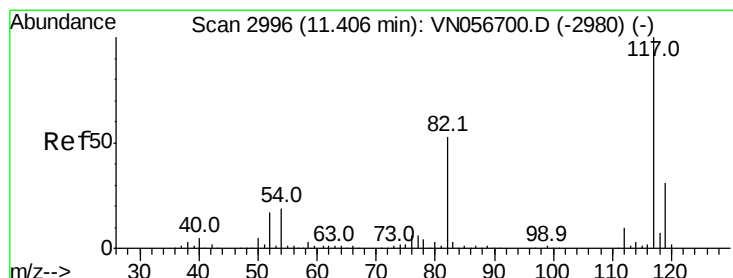
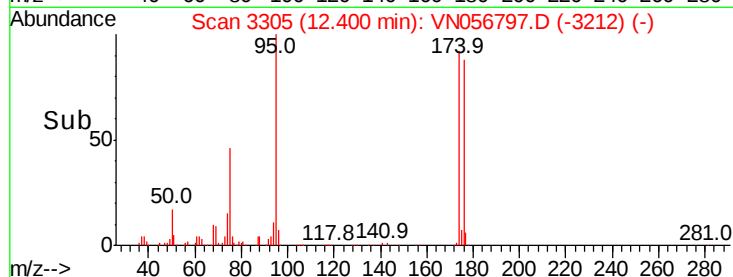
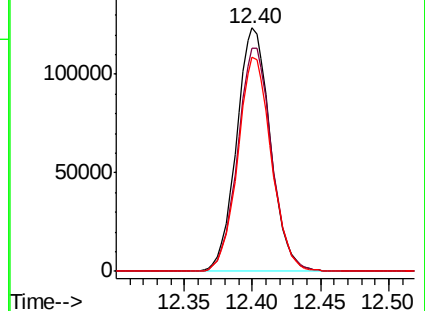
176 87.3 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056797.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056797.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056797.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056797.D

Acq: 17 Jul 2019 15:21

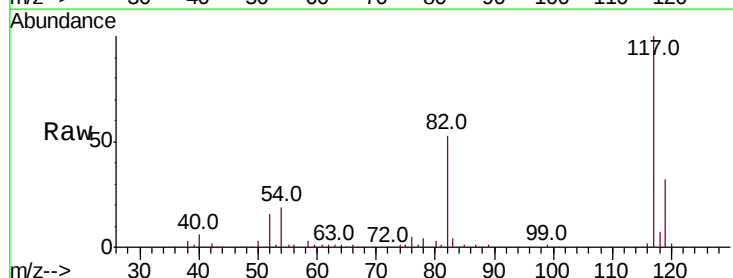
Tgt Ion: 117 Resp: 490233

Ion Ratio Lower Upper

117 100

82 53.0 42.2 63.2

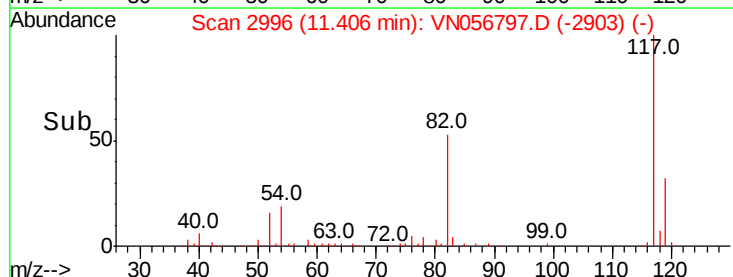
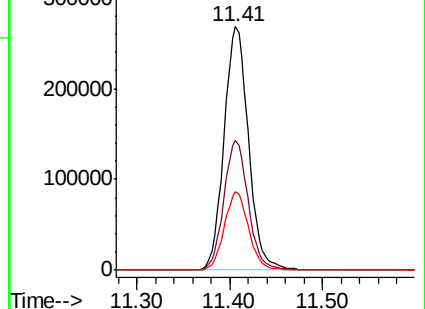
119 32.1 25.2 37.8

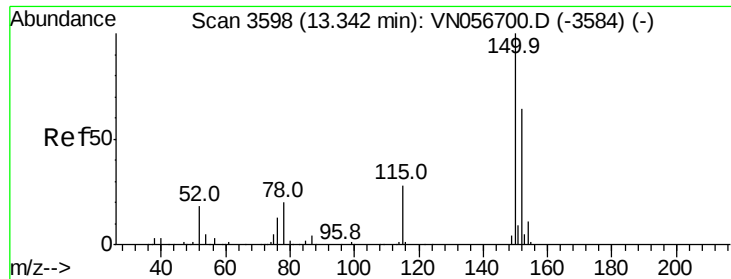


Abundance Ion 116.90 (116.60 to 117.60): VN056797.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056797.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056797.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056797.D

Acq: 17 Jul 2019 15:21

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-190715

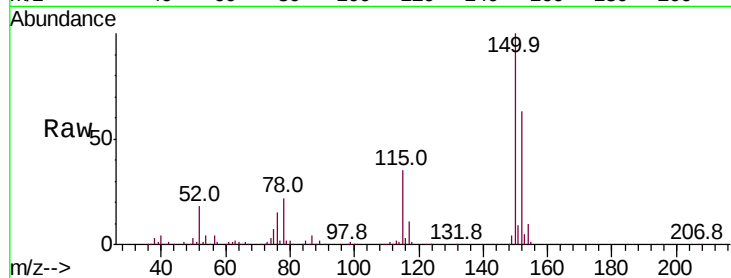
Tot Ion:152 Resp: 176197

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 157.9 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

