

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056763.D
 Acq On : 16 Jul 2019 13:03
 Operator : JC/SP
 Sample : K3834-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-3

Quant Time: Jul 17 08:21:25 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	262335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	472690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	487488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175131	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	154536	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	7.59	113	140634	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	10.09	98	585873	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.40	95	212155	55.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.74%	

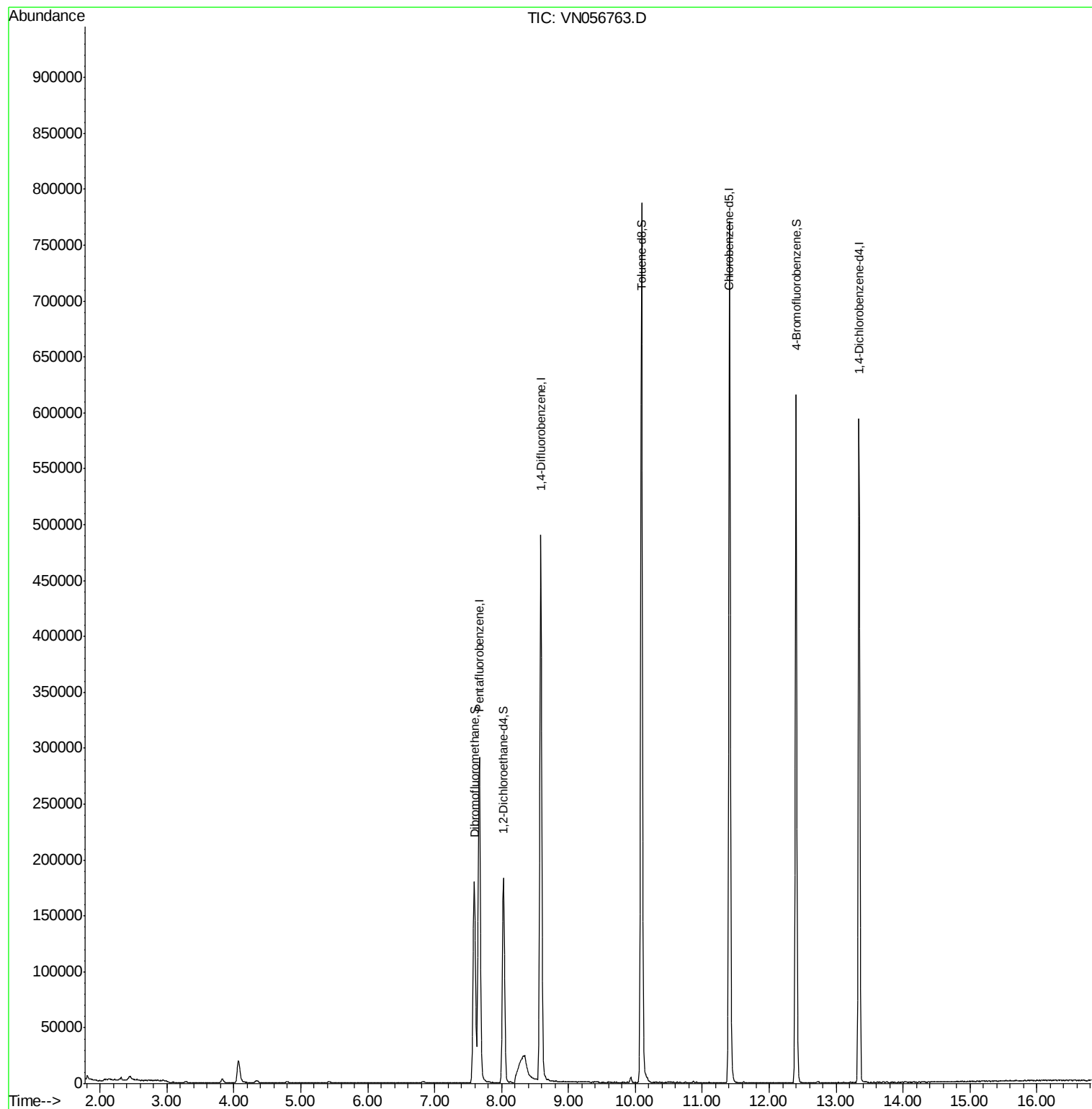
Target Compounds	Qvalue

(#) = 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: VN056763.D

Acq: 16 Jul 2019 13:03

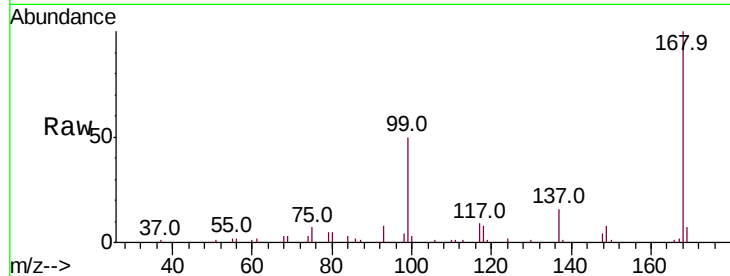
Instrument :
MSVOA_N
ClientSampled :
TW-3

Tot Ion:168 Resp: 262335

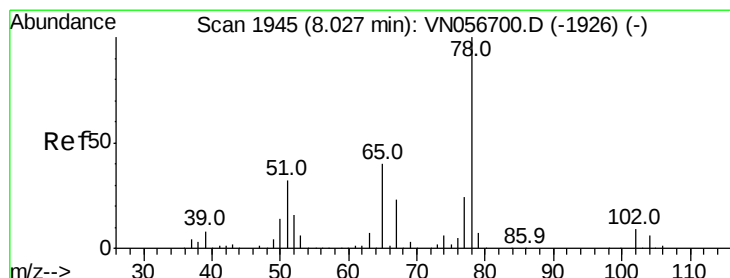
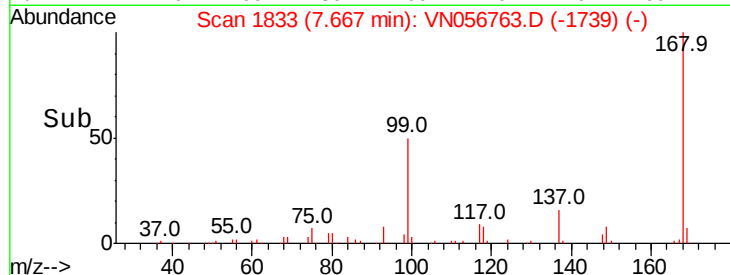
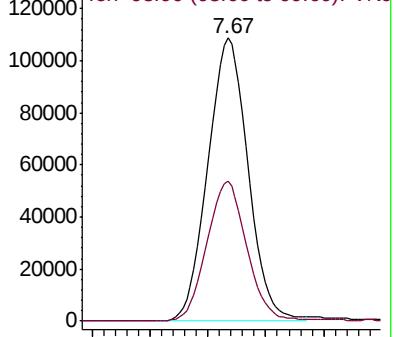
Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056763.D (-1739) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.255 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056763.D

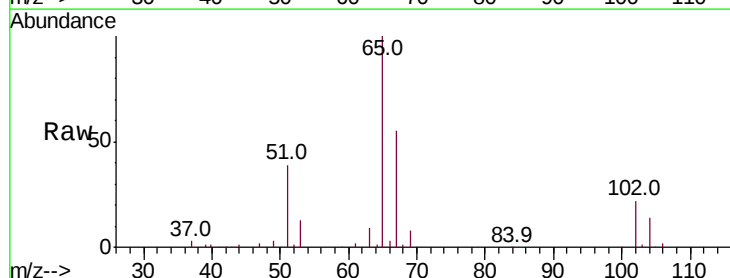
Acq: 16 Jul 2019 13:03

Tgt Ion: 65 Resp: 154536

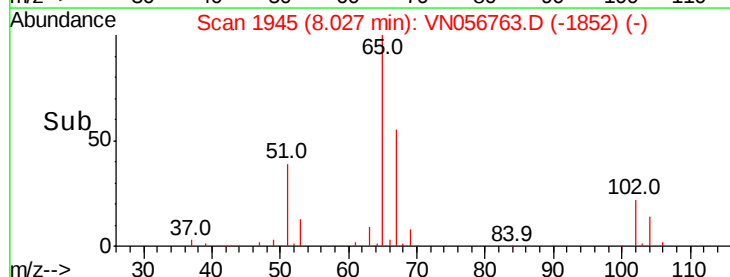
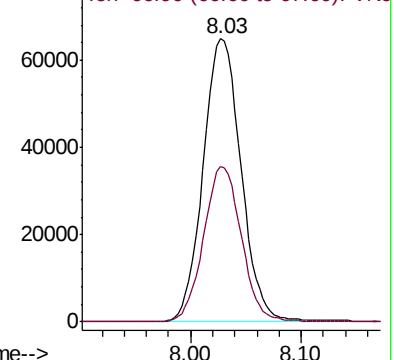
Ion Ratio Lower Upper

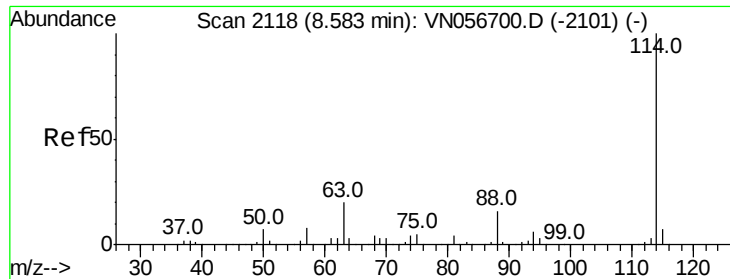
65 100

67 54.7 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056763.D (-1852) (-)

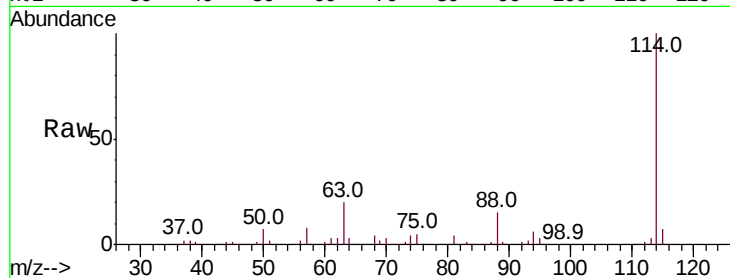




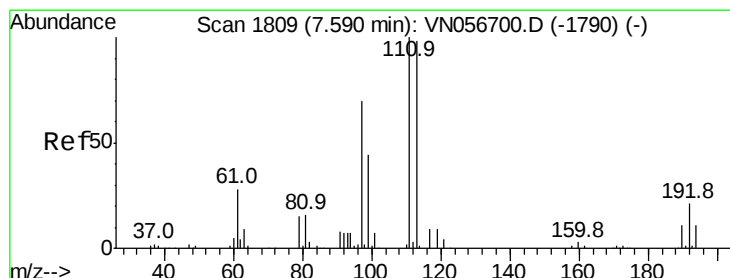
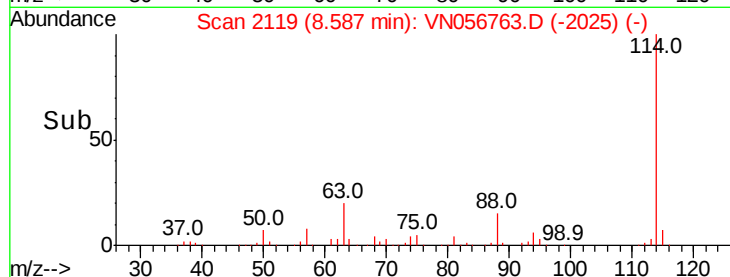
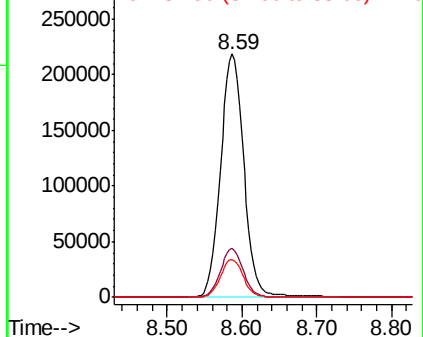
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056763.D
 Acq: 16 Jul 2019 13:03

Instrument :
 MSVOA_N
 ClientSampled :
 TW-3

Tot Ion:114 Resp: 472690
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.5 0.0 31.2

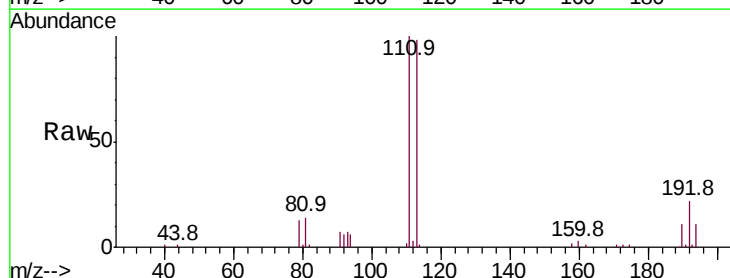


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

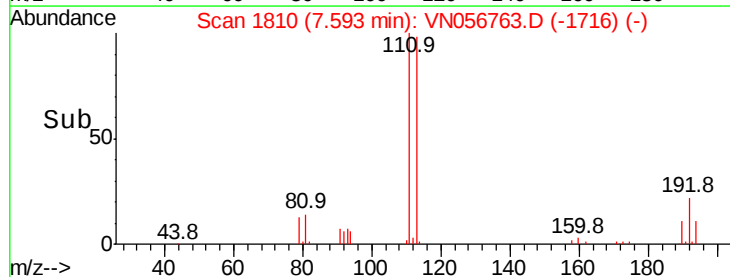
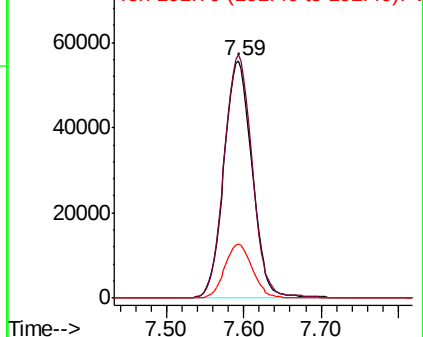


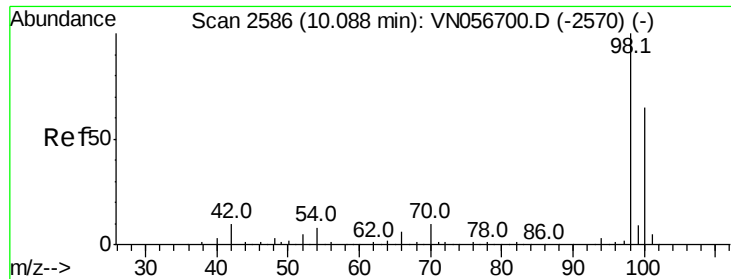
#35
 Dibromofluoromethane
 Concen: 47.808 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056763.D
 Acq: 16 Jul 2019 13:03

Tgt Ion:113 Resp: 140634
 Ion Ratio Lower Upper
 113 100
 111 102.3 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: 51.567 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056763.D

Acq: 16 Jul 2019 13:03

Instrument :

MSVOA_N

ClientSampleId :

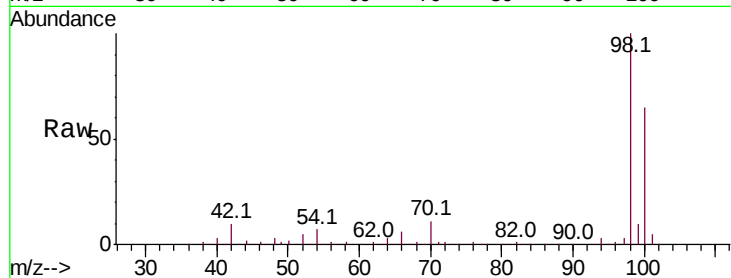
TW-3

Tot Ion: 98 Resp: 585873

Ion Ratio Lower Upper

98 100

100 64.9 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) (-)

10.09

300000

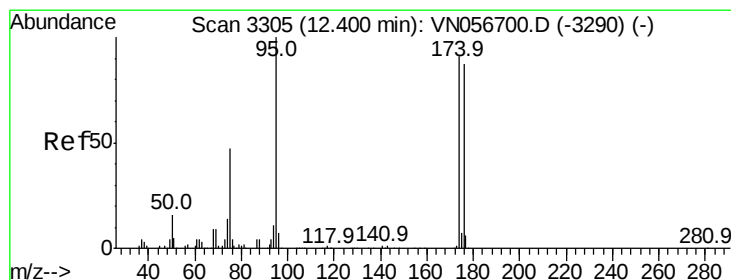
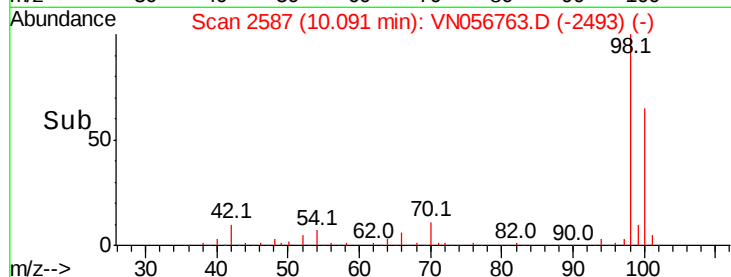
200000

100000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 55.372 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056763.D

Acq: 16 Jul 2019 13:03

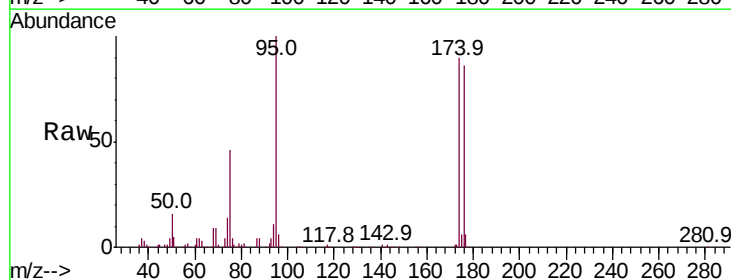
Tgt Ion: 95 Resp: 212155

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

176 87.7 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) (-)

12.40

150000

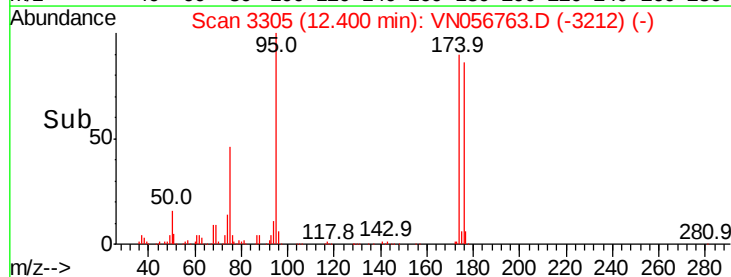
100000

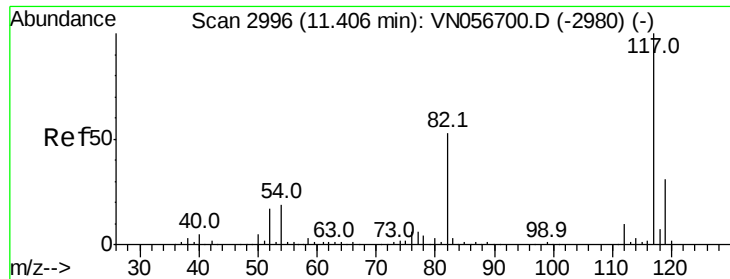
50000

0

Time-->

12.30 12.40 12.50

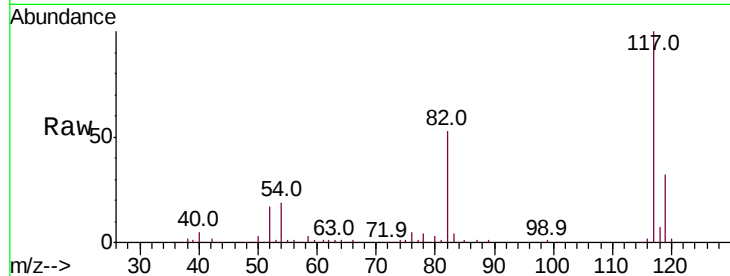




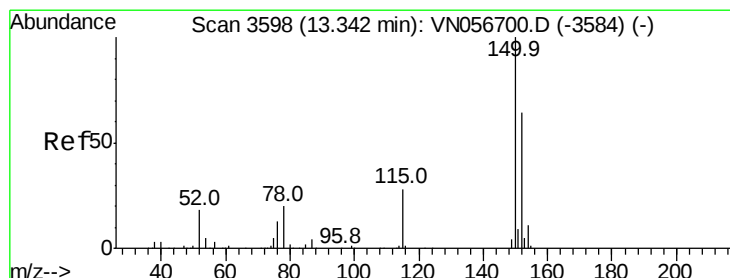
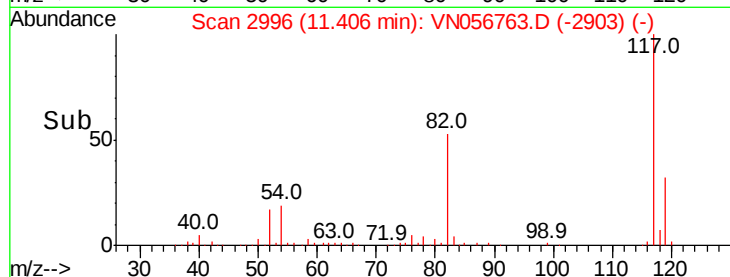
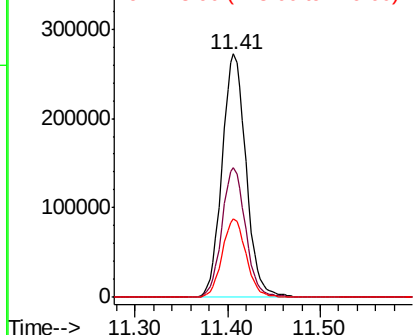
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056763.D
Acq: 16 Jul 2019 13:03

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tot Ion:117 Resp: 487488
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.2
119 32.2 25.2 37.8

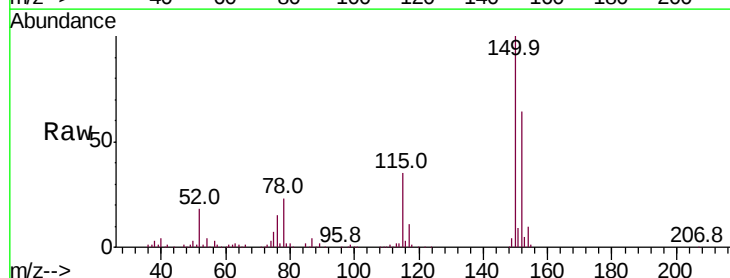


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056763.D
Acq: 16 Jul 2019 13:03

Tgt Ion:152 Resp: 175131
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 157.6 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

