

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056718.D
 Acq On : 15 Jul 2019 17:36
 Operator : JC/SP
 Sample : K3817-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20190709

Quant Time: Jul 16 09:06:24 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	267916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	468945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	490925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	191228	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	155969	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
35) Dibromofluoromethane	7.59	113	141730	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
50) Toluene-d8	10.09	98	592744	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.40	95	214561	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	

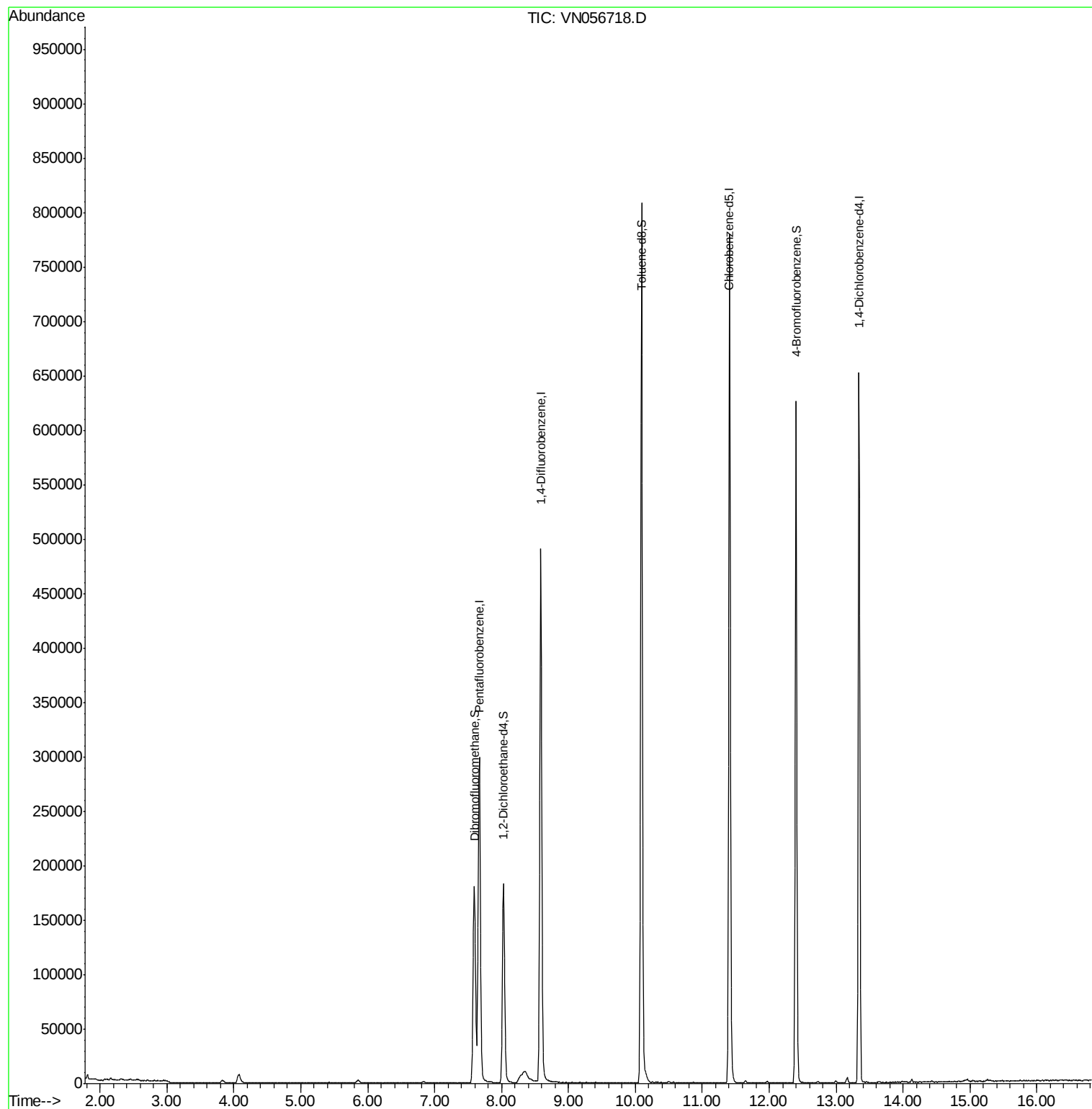
Target Compounds	Qvalue

(#) = 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: VN056718.D

Acq: 15 Jul 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

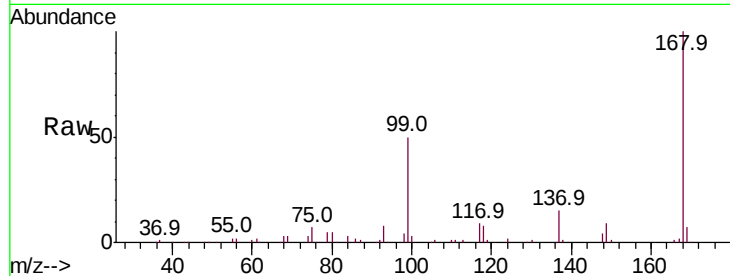
DUP01-20190709

Tot Ion:168 Resp: 267916

Ion Ratio Lower Upper

168 100

99 50.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

120000

100000

80000

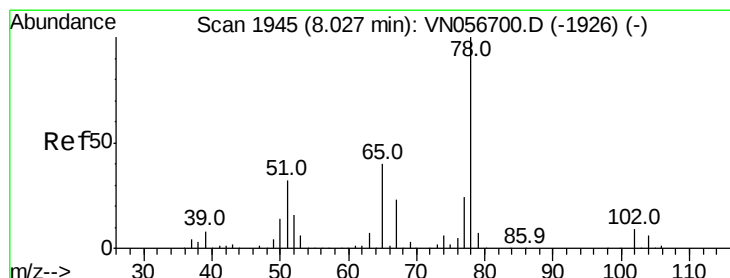
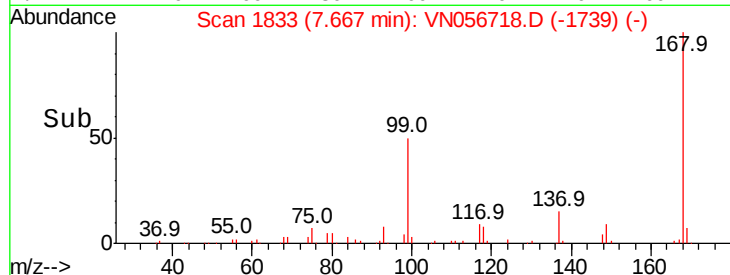
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.630 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056718.D

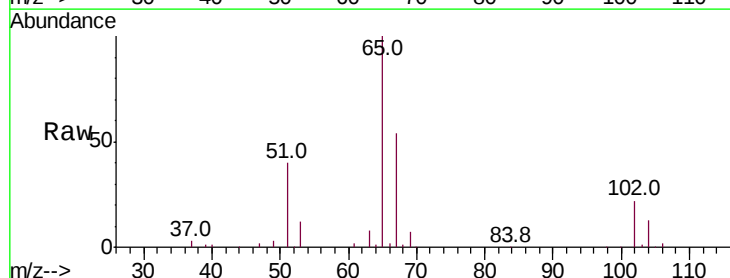
Acq: 15 Jul 2019 17:36

Tgt Ion: 65 Resp: 155969

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

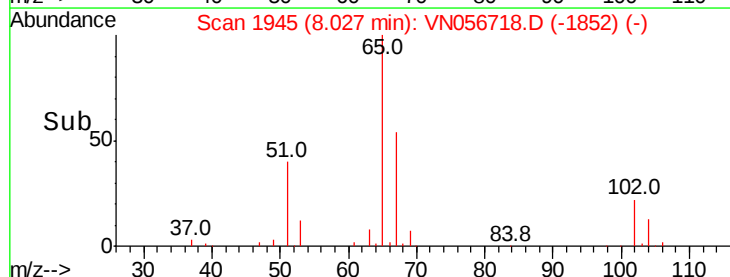
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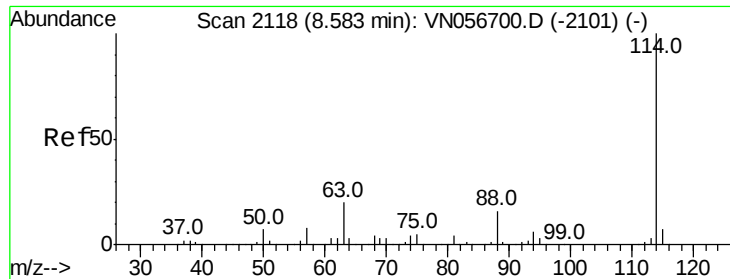
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20000

0

Time-->

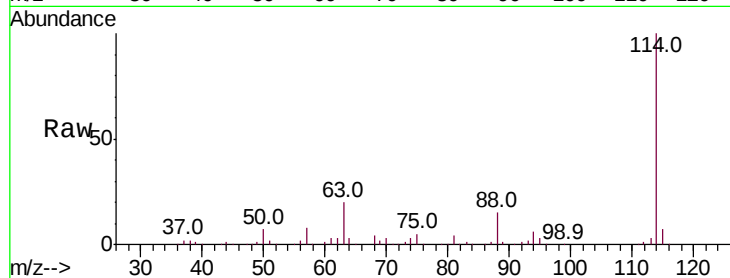




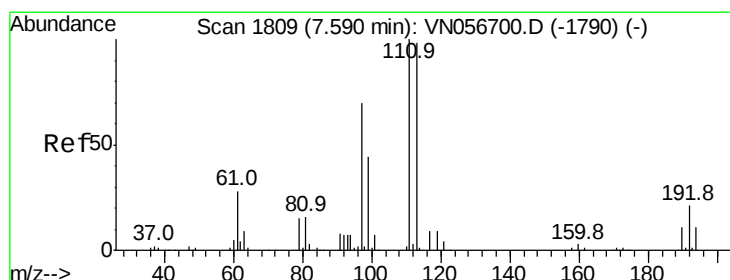
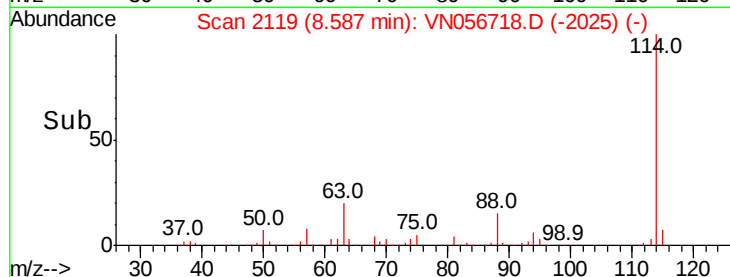
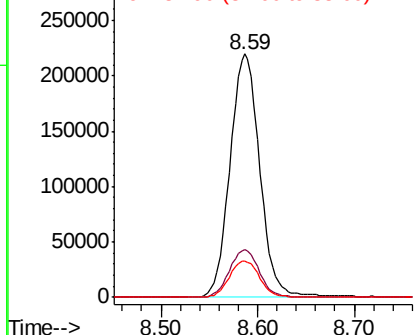
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056718.D
 Acq: 15 Jul 2019 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20190709

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.4
88	14.9	0.0	31.2

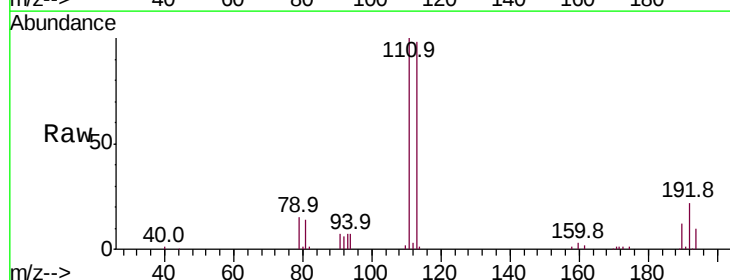


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

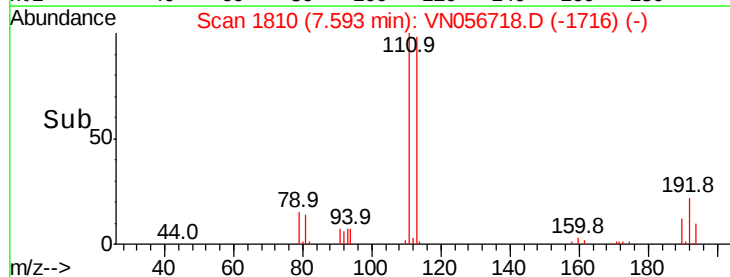
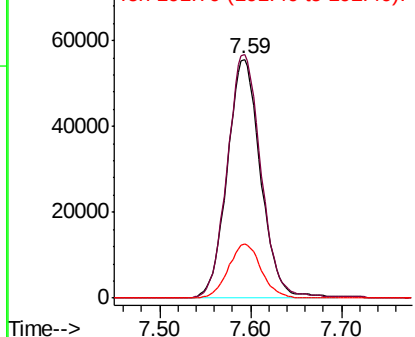


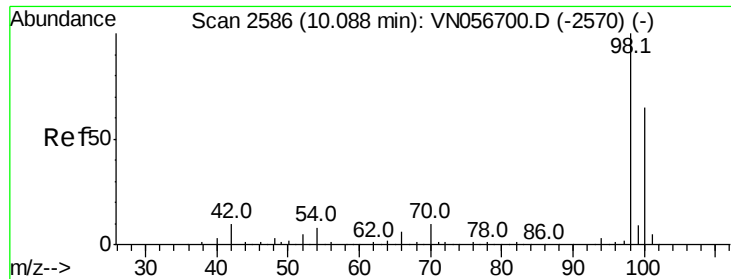
#35
 Dibromofluoromethane
 Concen: 48.565 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056718.D
 Acq: 15 Jul 2019 17:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	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: 52.589 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056718.D

Acq: 15 Jul 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

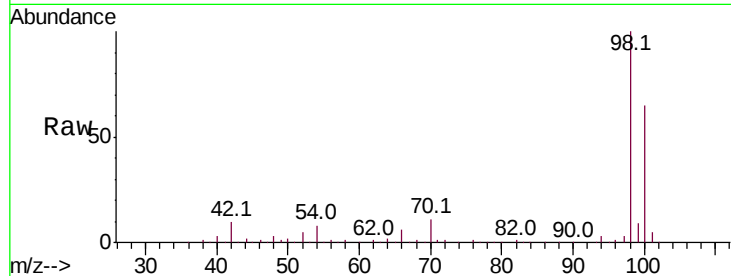
DUP01-20190709

Tot Ion: 98 Resp: 592744

Ion Ratio Lower Upper

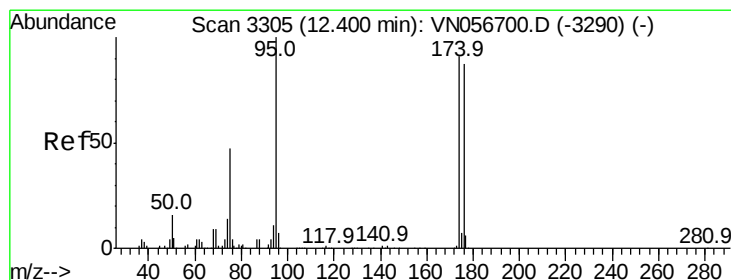
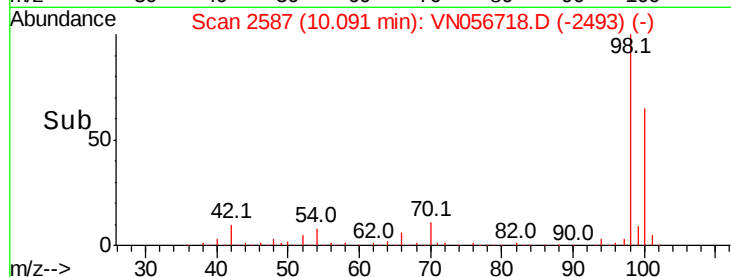
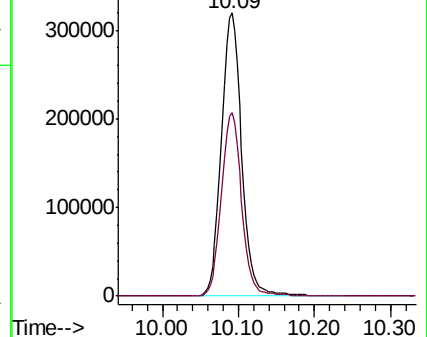
98 100

100 64.6 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: 56.448 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056718.D

Acq: 15 Jul 2019 17:36

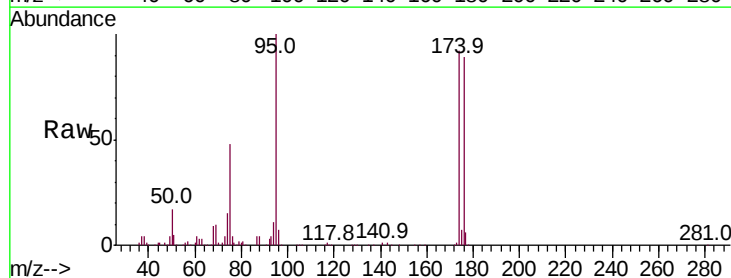
Tgt Ion: 95 Resp: 214561

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.0

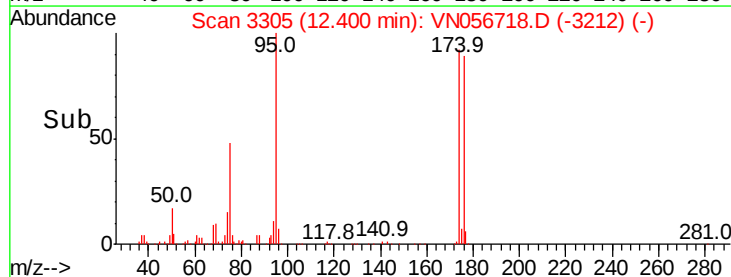
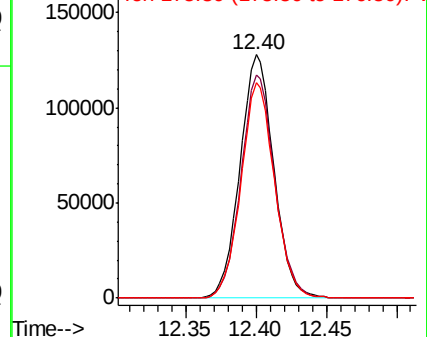
176 88.2 0.0 173.2

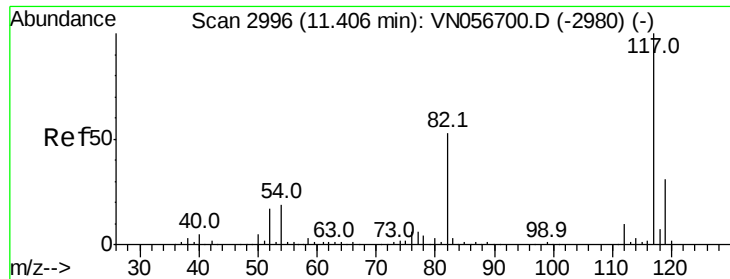


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

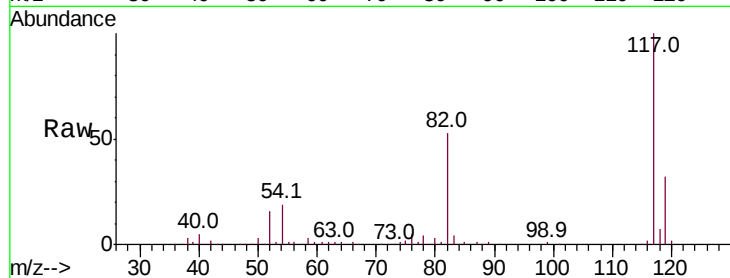




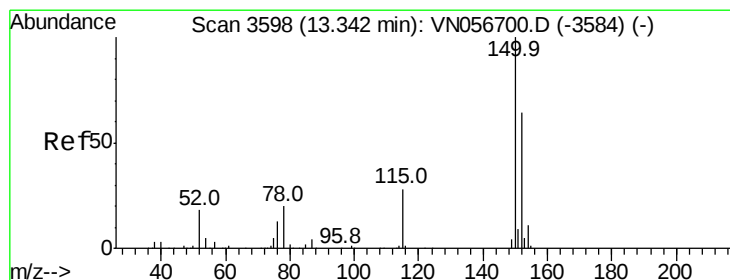
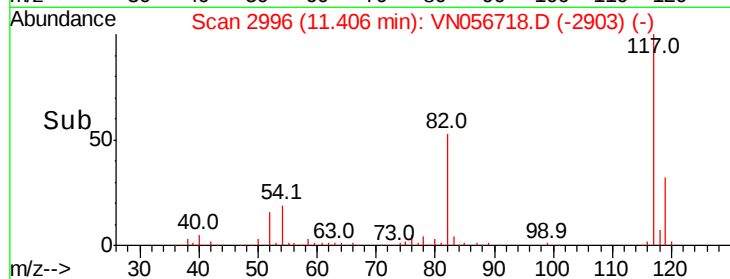
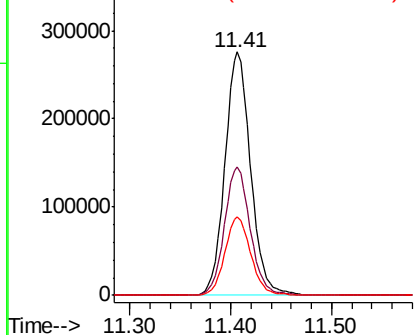
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056718.D
Acq: 15 Jul 2019 17:36

Instrument :
MSVOA_N
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DUP01-20190709

Tot Ion:117 Resp: 490925
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 32.1 25.2 37.8

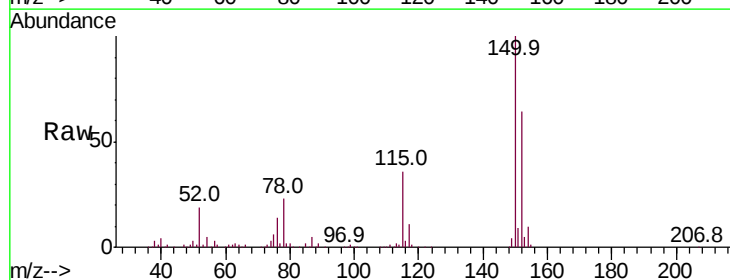


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056718.D
Acq: 15 Jul 2019 17:36

Tgt Ion:152 Resp: 191228
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 156.5 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

