

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056738.D
 Acq On : 16 Jul 2019 2:07
 Operator : JC/SP
 Sample : K3814-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY030LC026-SW-190712

Quant Time: Jul 16 09:15:35 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	267266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	477528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	494684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197955	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	157383	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
35) Dibromofluoromethane	7.59	113	145593	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	10.09	98	595538	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.40	95	220919	57.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.16%	

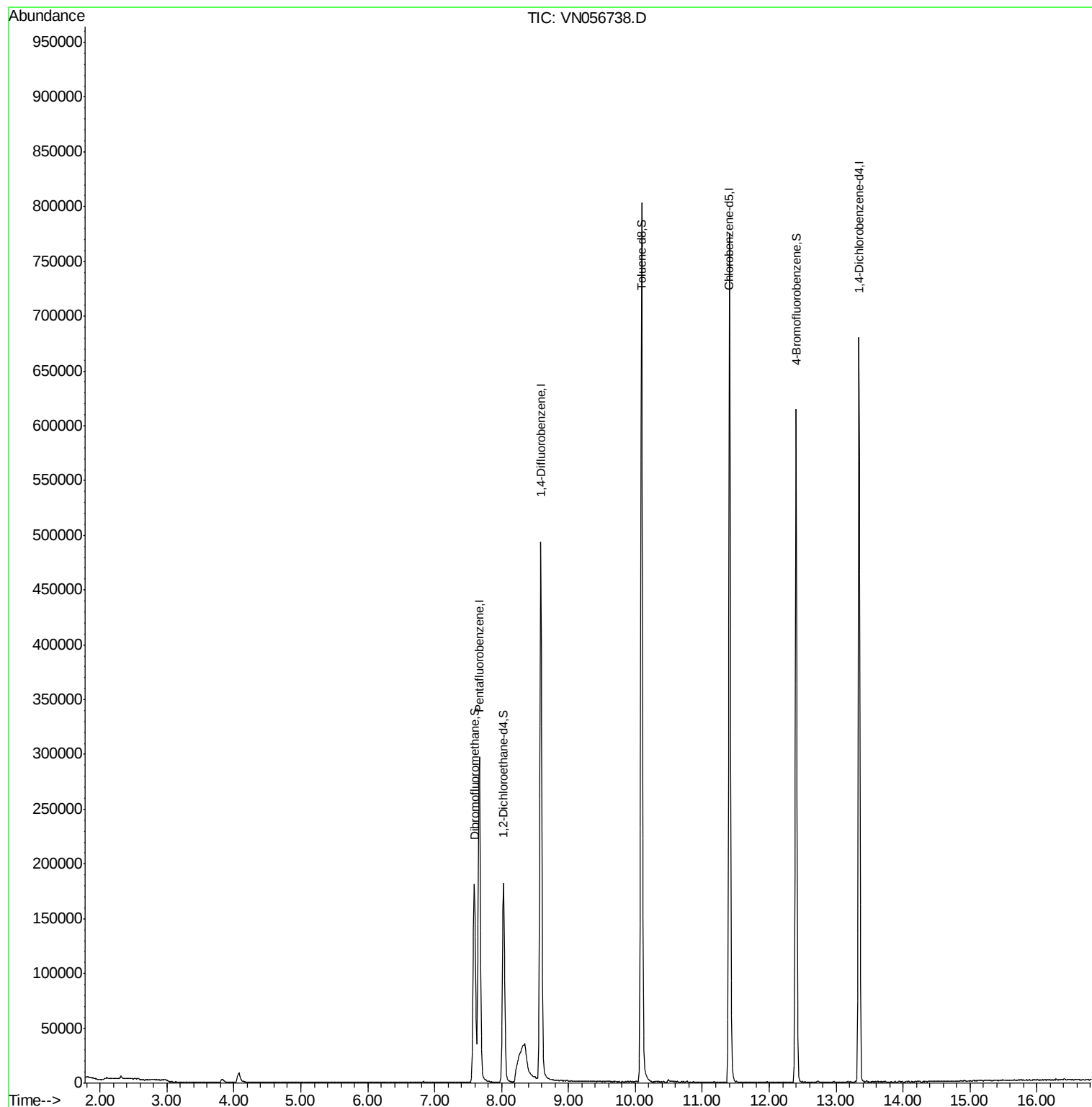
Target Compounds	Qvalue
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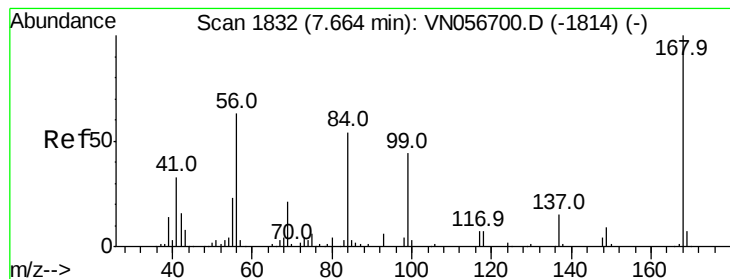
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056738.D

Acq: 16 Jul 2019 2:07

Instrument :

MSVOA_N

ClientSampleId :

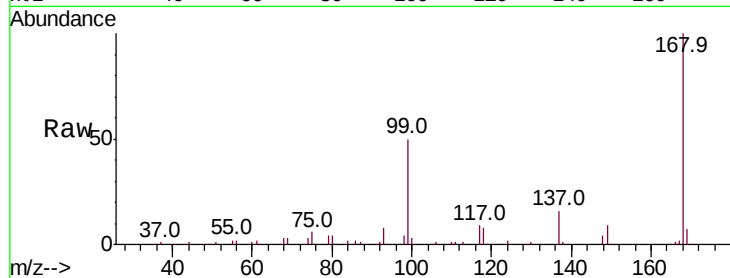
KY030LC026-SW-190712

Tot Ion:168 Resp: 267266

Ion Ratio Lower Upper

168 100

99 50.1 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

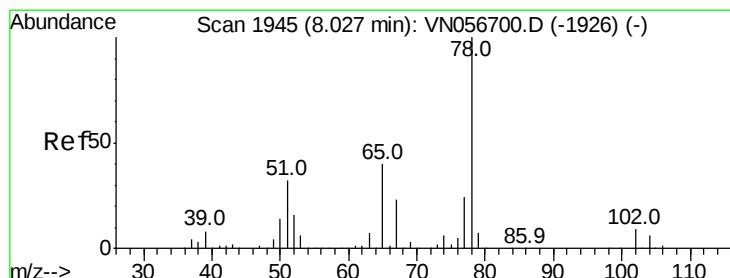
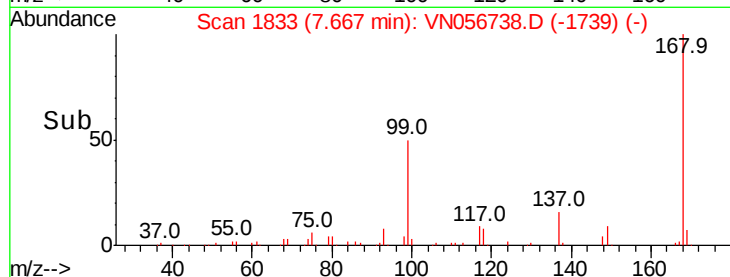
40000

20000

0

Time-->

7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 53.236 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056738.D

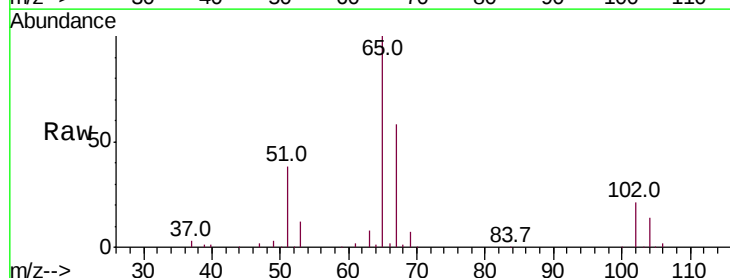
Acq: 16 Jul 2019 2:07

Tgt Ion: 65 Resp: 157383

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN

8.03

60000

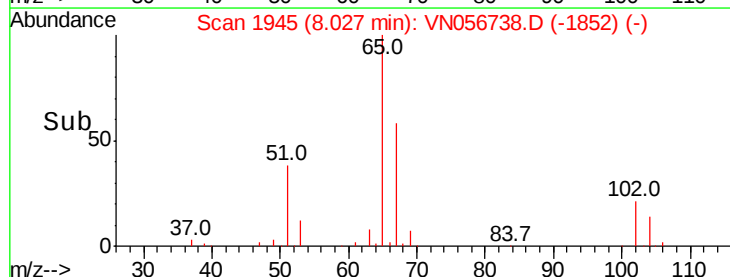
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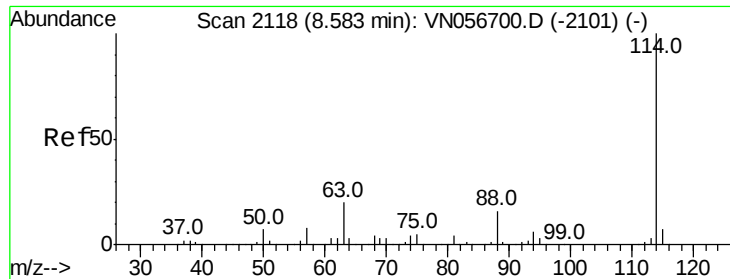
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Time-->

7.90 8.00 8.10 8.20

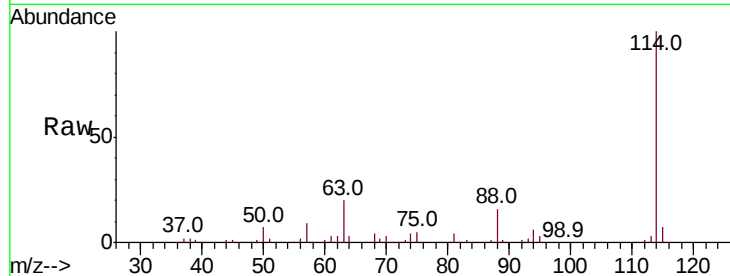




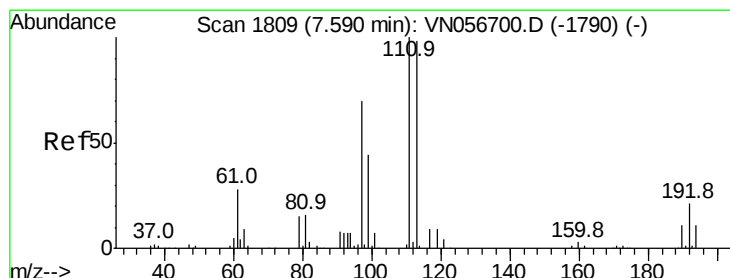
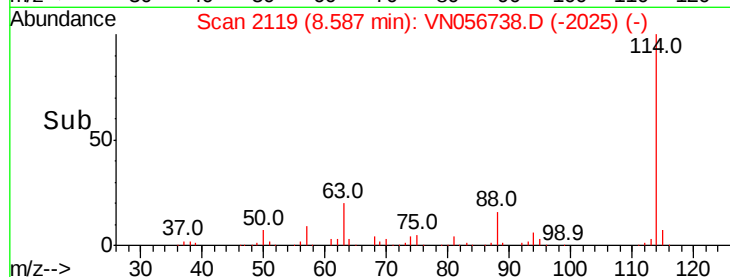
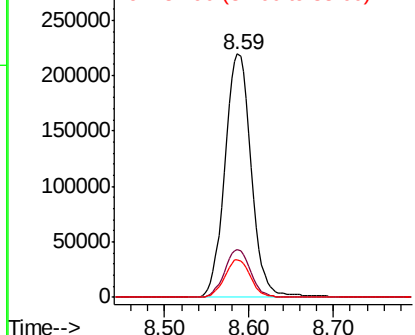
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056738.D
 Acq: 16 Jul 2019 2:07

Instrument :
 MSVOA_N
 ClientSampleId :
 KY030LC026-SW-190712

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.4
88	15.6	0.0	31.2

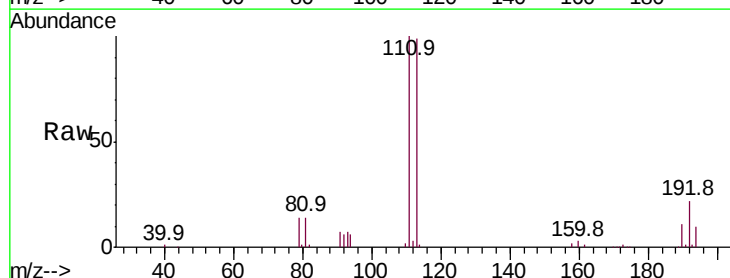


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

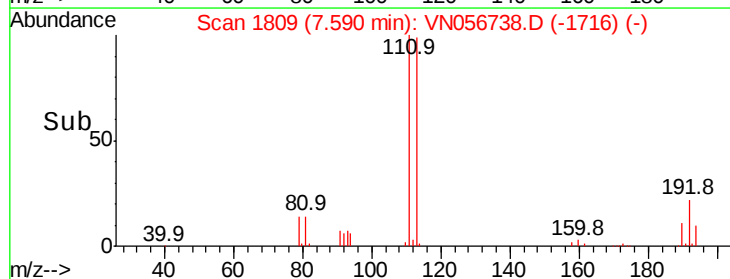
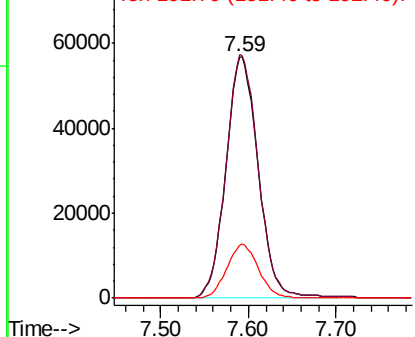


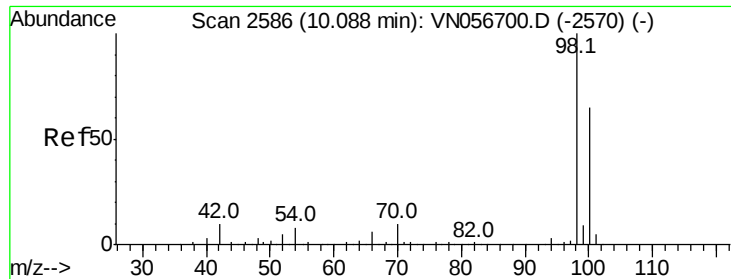
#35
 Dibromofluoromethane
 Concen: 48.992 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056738.D
 Acq: 16 Jul 2019 2:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.8	122.6
192	22.0	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: 51.887 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056738.D

Acq: 16 Jul 2019 2:07

Instrument :

MSVOA_N

ClientSampleId :

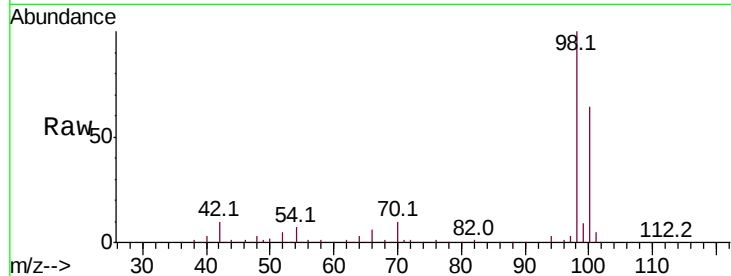
KY030LC026-SW-190712

Tot Ion: 98 Resp: 595538

Ion Ratio Lower Upper

98 100

100 64.1 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

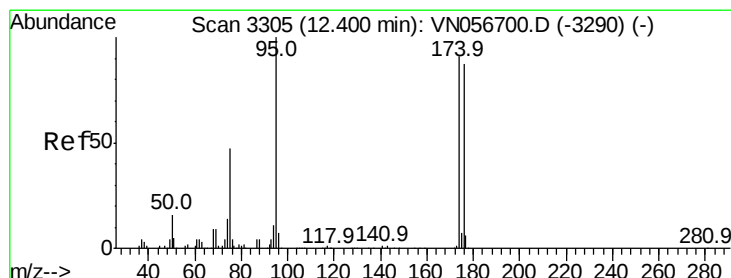
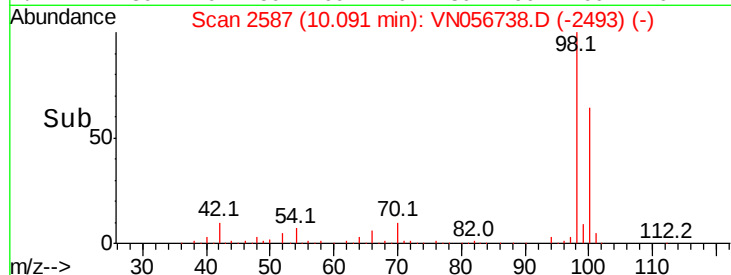
200000

100000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 57.076 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056738.D

Acq: 16 Jul 2019 2:07

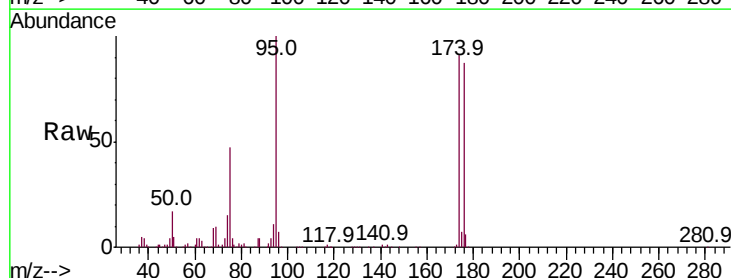
Tgt Ion: 95 Resp: 220919

Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.0

176 87.3 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

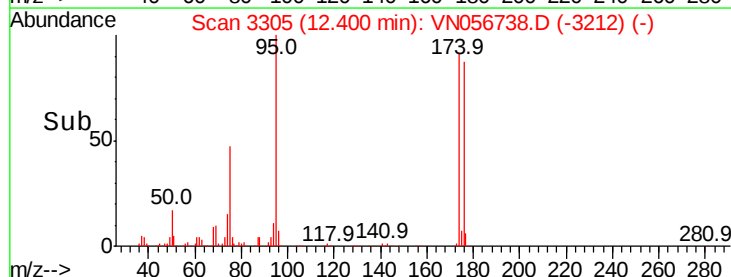
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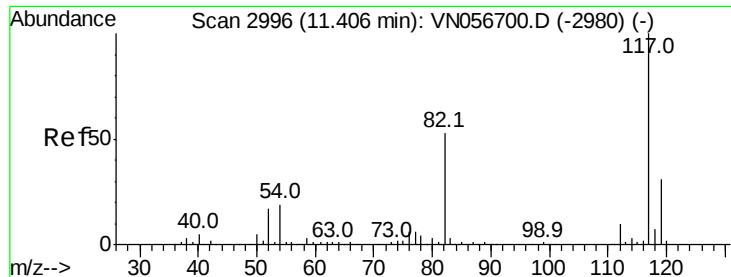
50000

0

12.30 12.40 12.50

Time-->

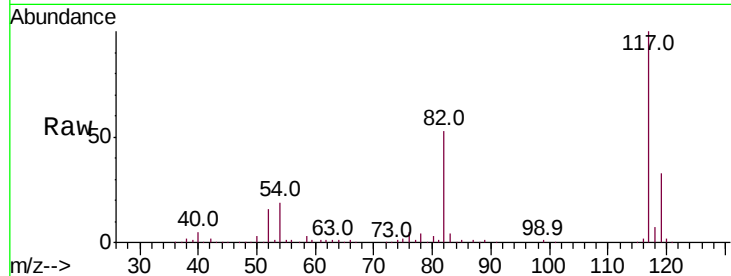




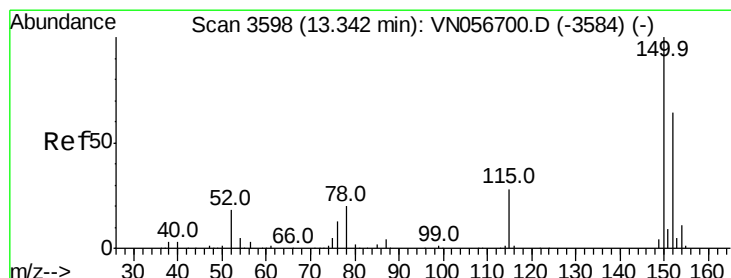
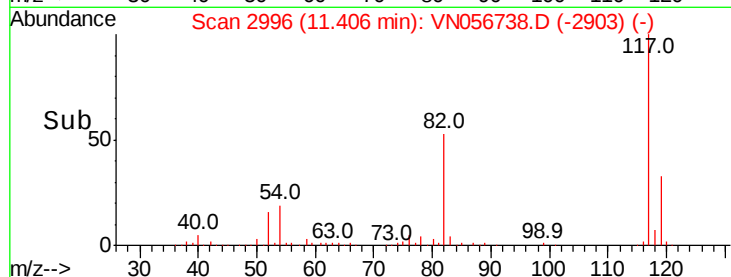
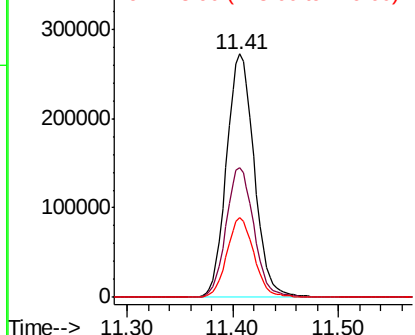
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN056738.D
 Acq: 16 Jul 2019 2:07

Instrument :
 MSVOA_N
 ClientSampleId :
 KY030LC026-SW-190712

Tot Ion:117 Resp: 494684
 Ion Ratio Lower Upper
 117 100
 82 53.4 42.2 63.2
 119 32.6 25.2 37.8

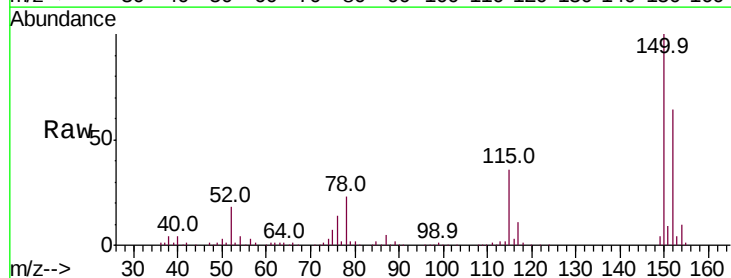


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN056738.D
 Acq: 16 Jul 2019 2:07

Tgt Ion:152 Resp: 197955
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 156.1 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

