

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058530.D
 Acq On : 4 Oct 2019 11:25
 Operator : JC/SP
 Sample : K5197-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB_100319

Quant Time: Oct 05 00:23:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	434295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	698990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	616445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	258455	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	306465	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.57	113	217713	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.09	98	885083	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.40	95	292569	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

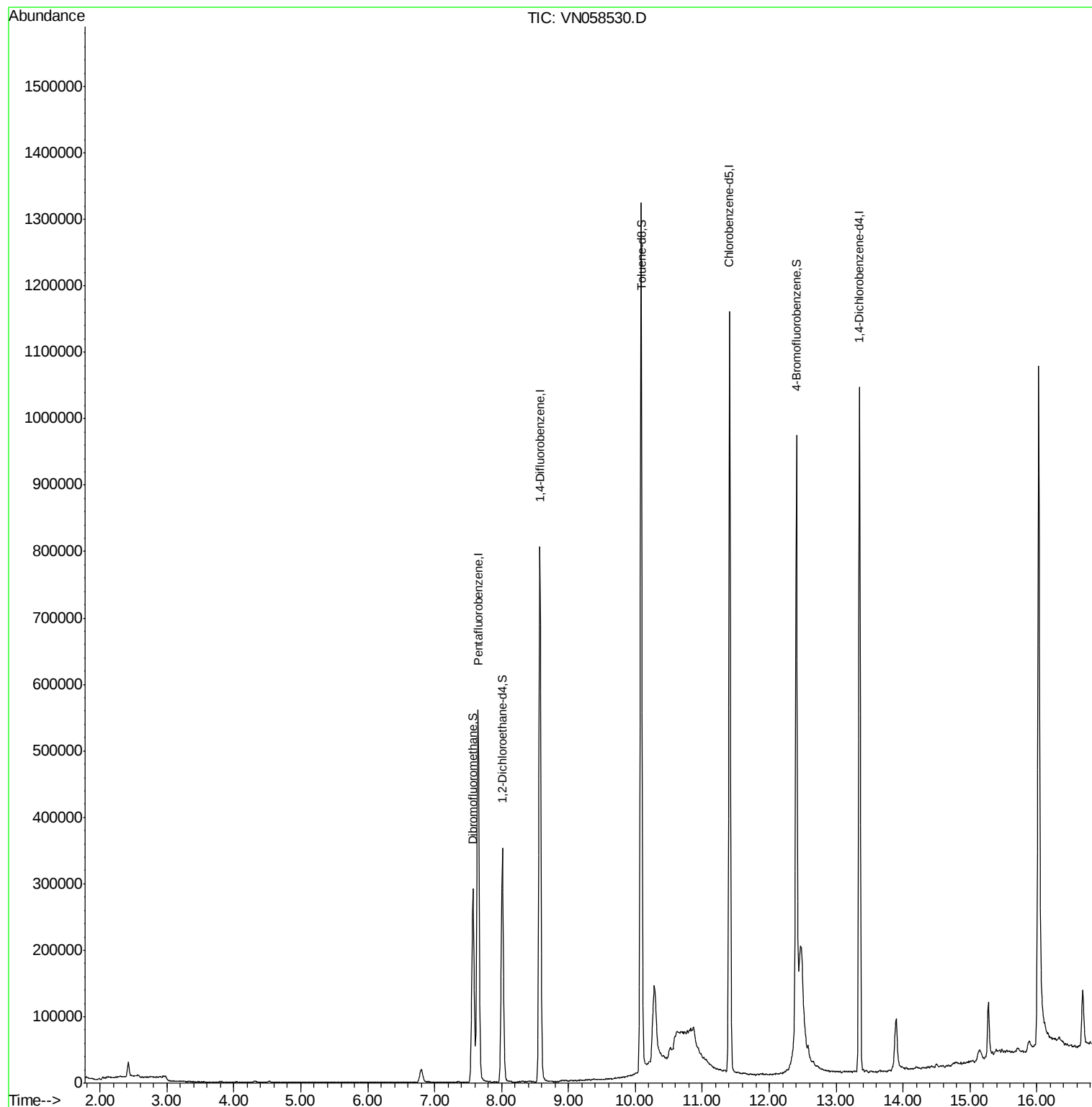
Target Compounds	Qvalue

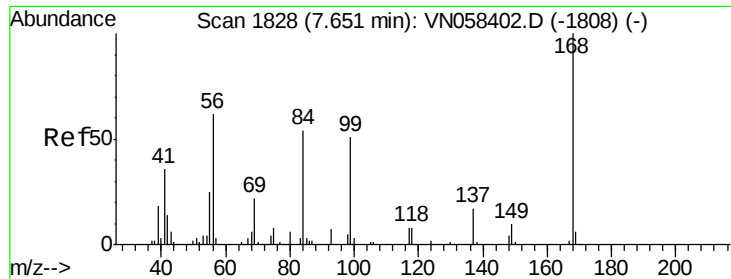
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100419\
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QLast Update : Mon Sep 30 08:07:38 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058530.D

Acq: 4 Oct 2019 11:25

Instrument :

MSVOA_N

ClientSampled :

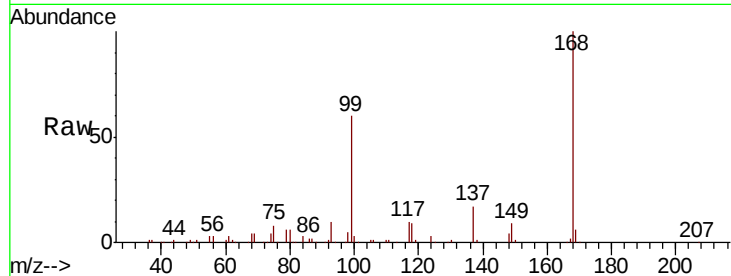
TB_100319

Tot Ion:168 Resp: 434295

Ion Ratio Lower Upper

168 100

99 60.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

150000

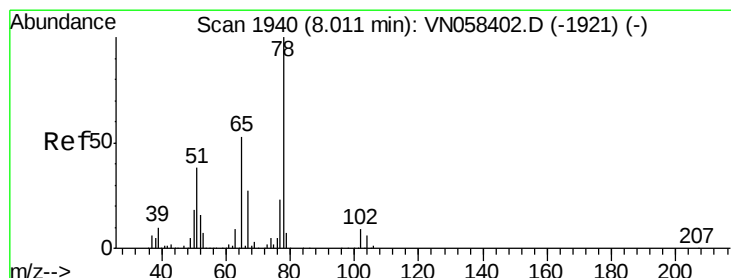
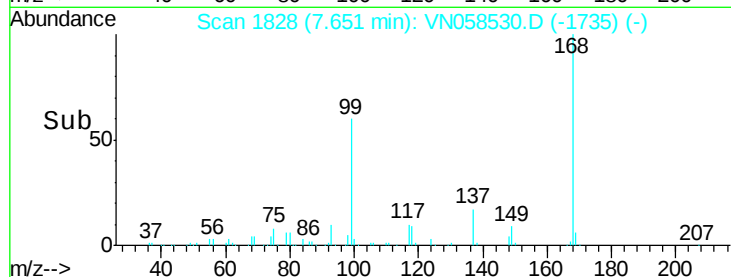
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.289 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058530.D

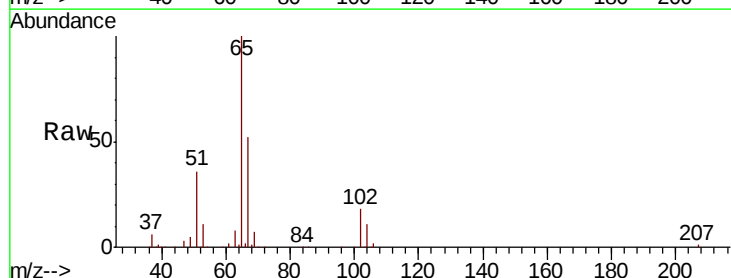
Acq: 4 Oct 2019 11:25

Tgt Ion: 65 Resp: 306465

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

150000

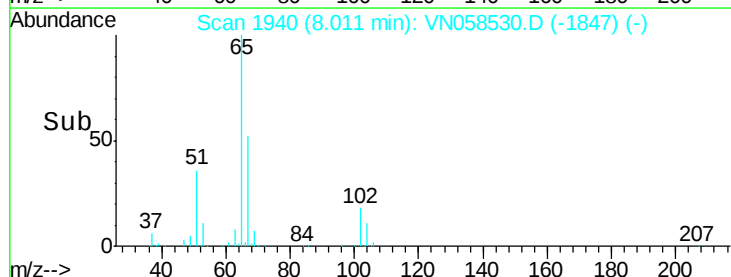
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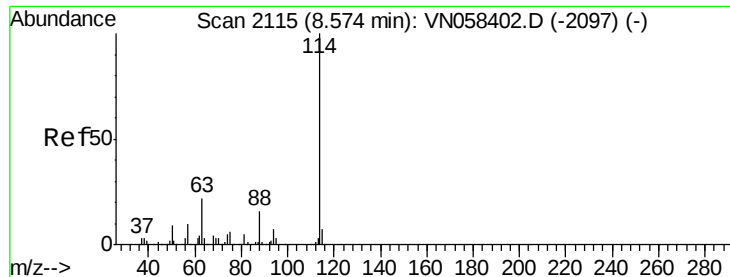
50000

0

7.90 8.00 8.10

Time-->

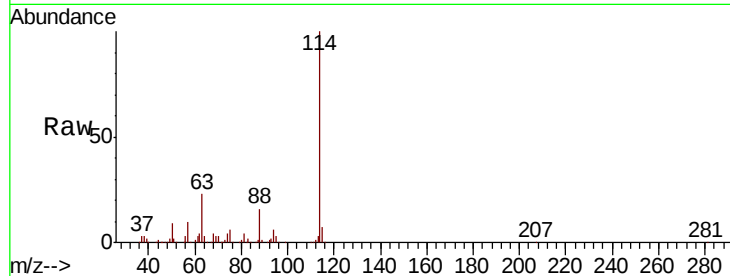




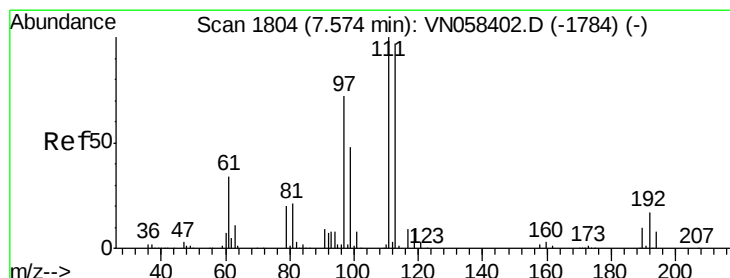
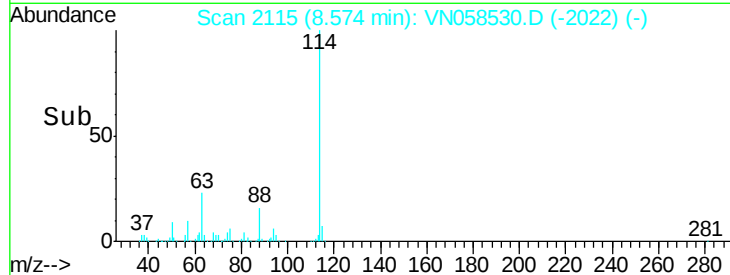
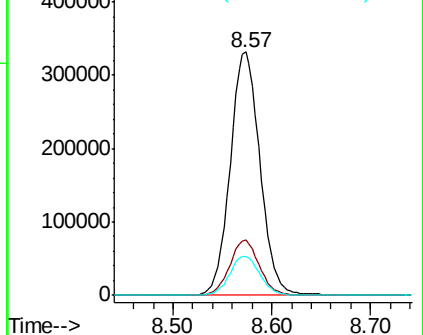
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058530.D
 Acq: 4 Oct 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 TB_100319

Tot Ion:114 Resp: 698990
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.0 0.0 32.2

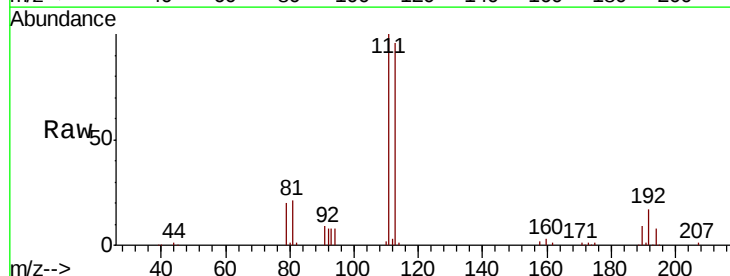


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

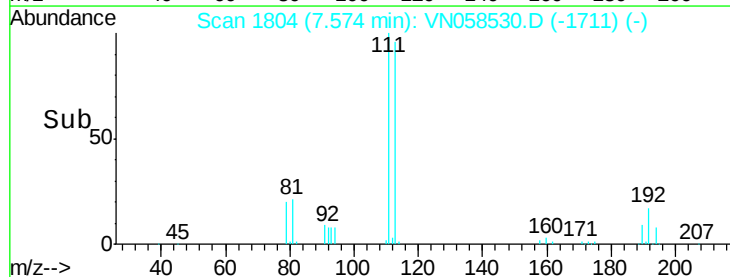
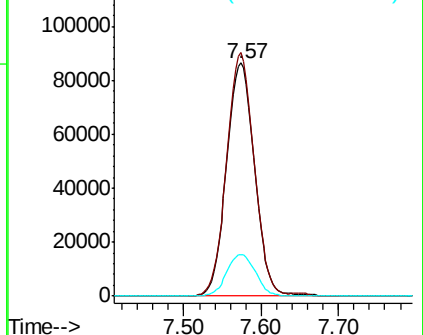


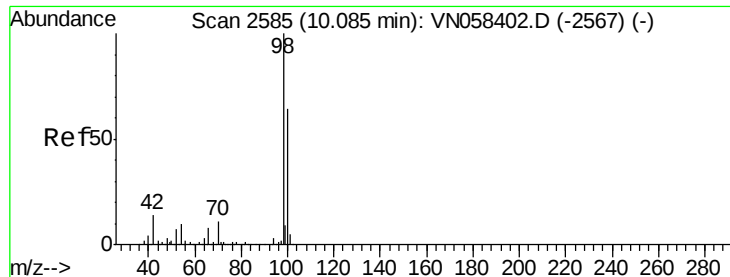
#35
 Dibromofluoromethane
 Concen: 50.820 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058530.D
 Acq: 4 Oct 2019 11:25

Tgt Ion:113 Resp: 217713
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.4 125.2
 192 18.3 14.9 22.3



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: 52.739 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058530.D

Acq: 4 Oct 2019 11:25

Instrument :

MSVOA_N

ClientSampled :

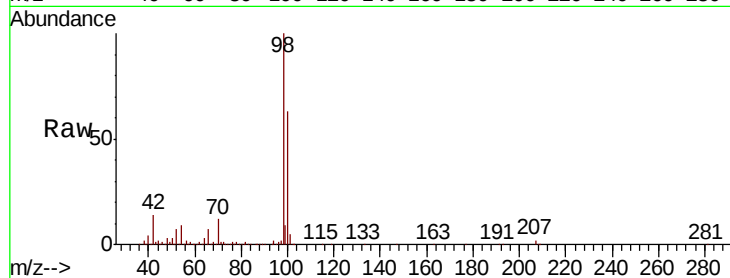
TB_100319

Tot Ion: 98 Resp: 885083

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058530.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058530.D (-2492) (-)

10.09

500000

400000

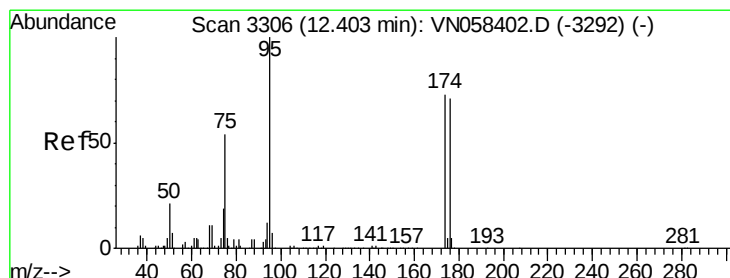
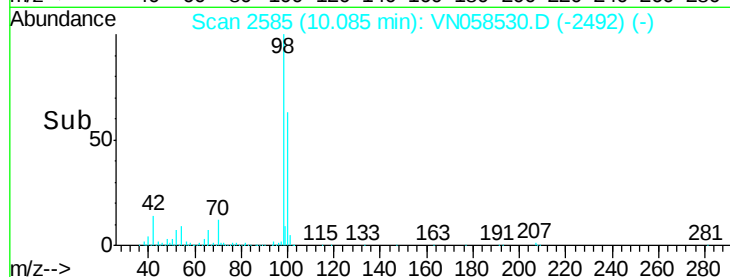
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.214 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058530.D

Acq: 4 Oct 2019 11:25

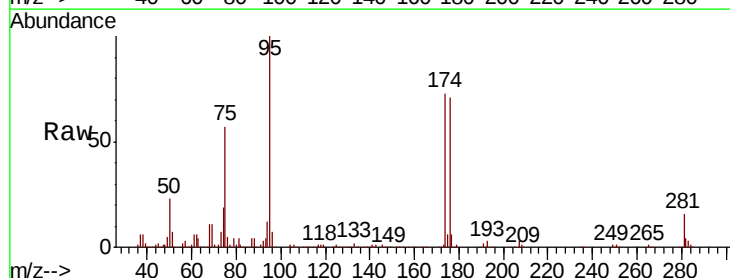
Tgt Ion: 95 Resp: 292569

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.6

176 73.0 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058530.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058530.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058530.D (-3213) (-)

12.40

200000

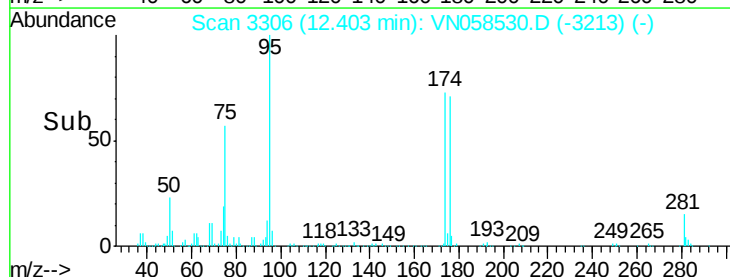
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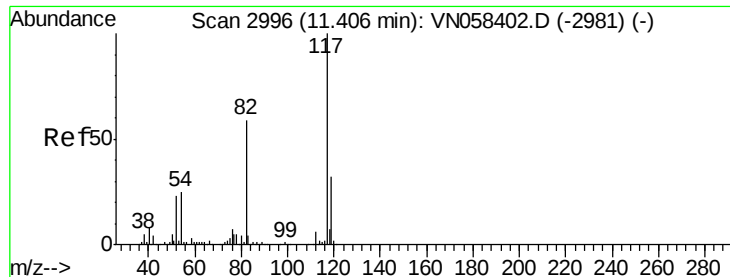
100000

50000

0

Time-->

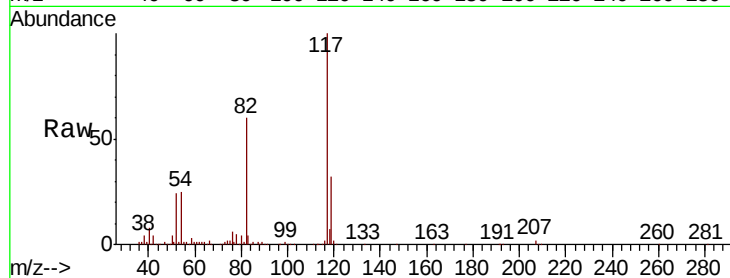




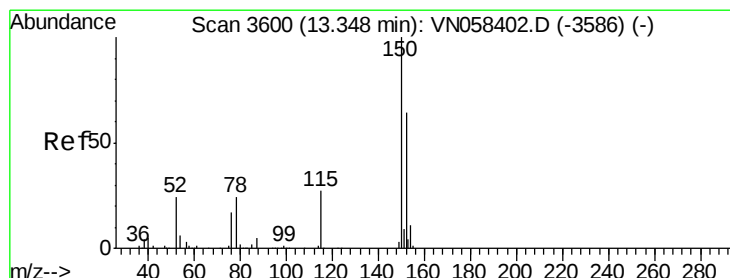
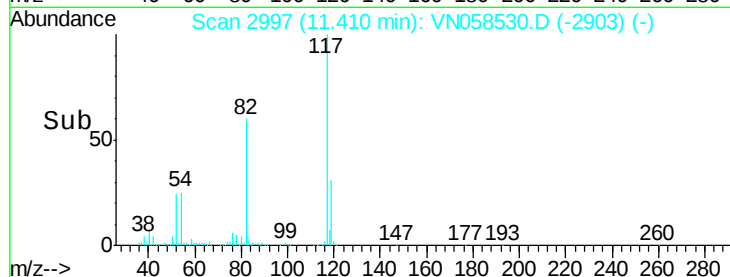
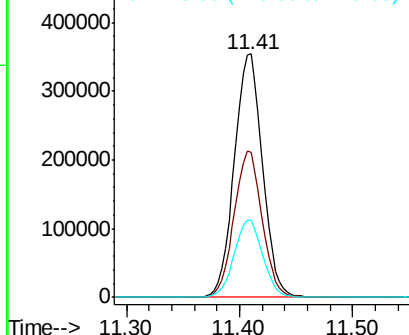
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058530.D
Acq: 4 Oct 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
TB_100319

Tot Ion:117 Resp: 616445
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.0
119 31.5 25.5 38.3

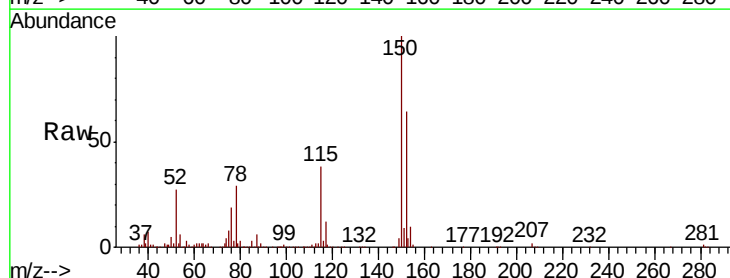


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058530.D
Acq: 4 Oct 2019 11:25

Tgt Ion:152 Resp: 258455
Ion Ratio Lower Upper
152 100
115 60.9 30.0 90.0
150 157.3 0.0 348.2



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

