

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\
 Data File : VN057896.D
 Acq On : 11 Sep 2019 4:26
 Operator : JC/SP
 Sample : K4820-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-04-091019

Quant Time: Sep 11 05:36:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	297542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	513303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	456703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	238802	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	324183	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
35) Dibromofluoromethane	7.58	113	222437	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	10.09	98	908214	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.40	95	298230	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	

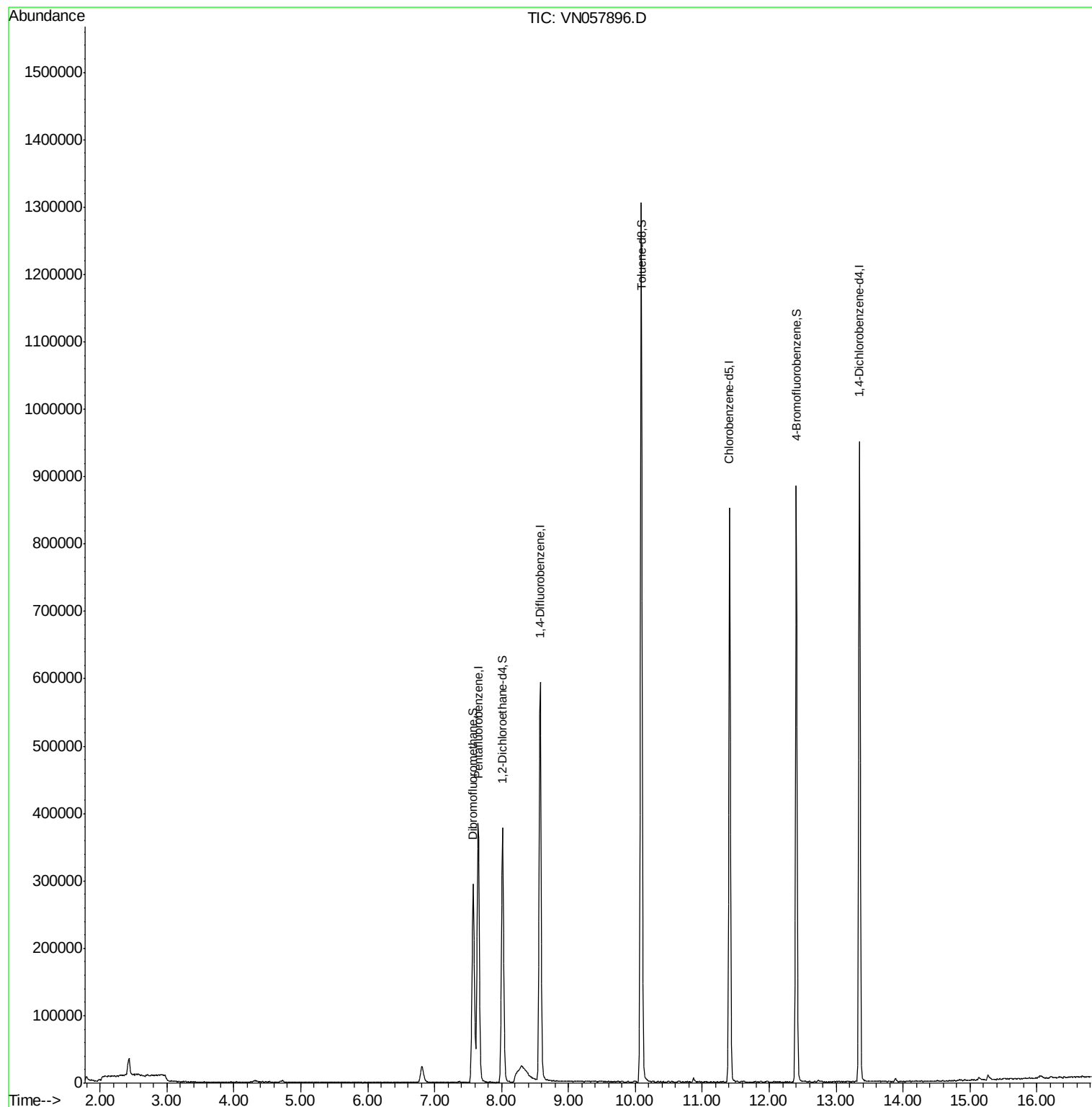
Target Compounds	Qvalue

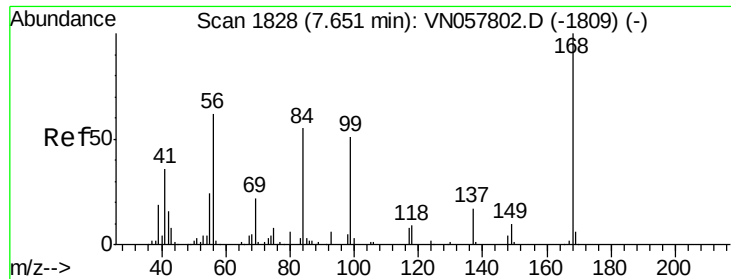
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057896.D

Acq: 11 Sep 2019 4:26

Instrument :

MSVOA_N

ClientSampled :

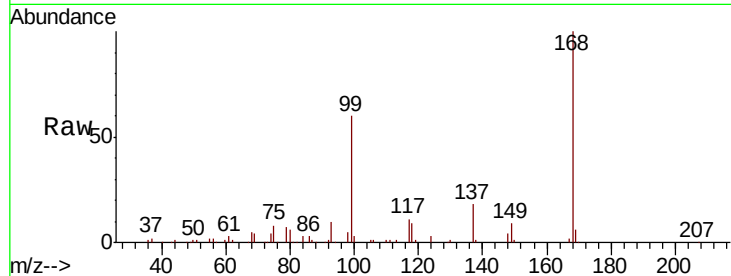
TB-04-091019

Tot Ion:168 Resp: 297542

Ion Ratio Lower Upper

168 100

99 59.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

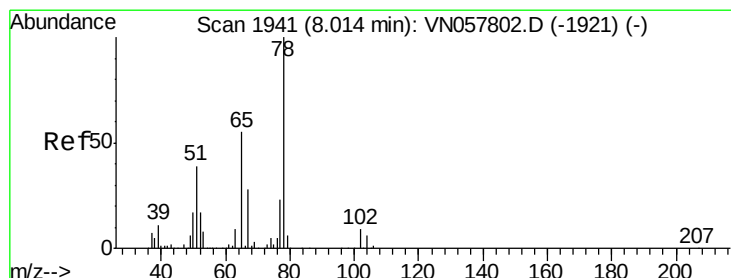
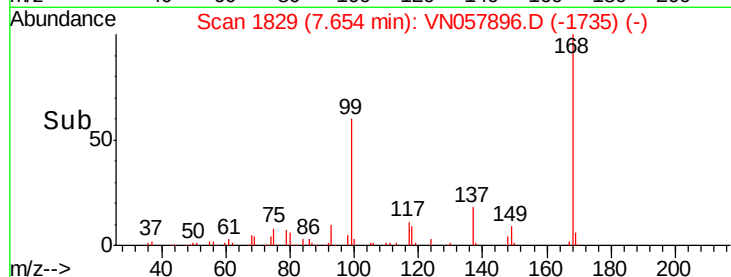
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50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.793 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057896.D

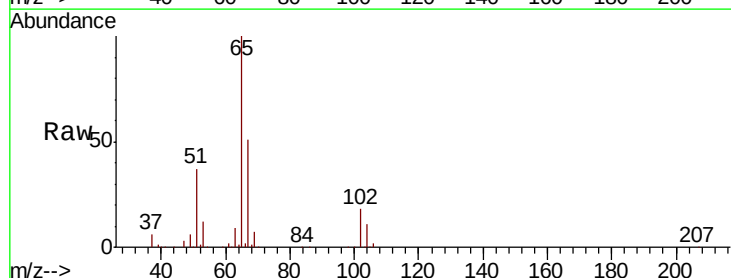
Acq: 11 Sep 2019 4:26

Tgt Ion: 65 Resp: 324183

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

150000

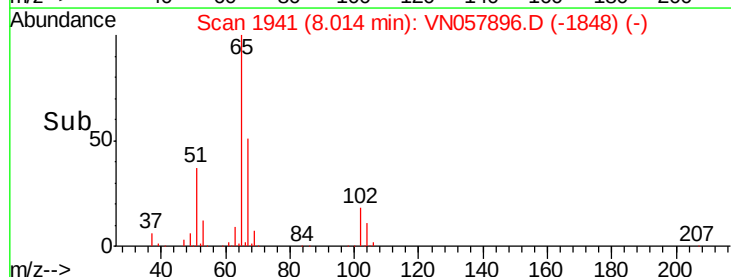
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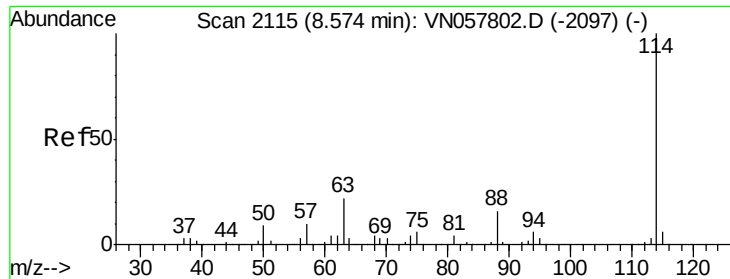
50000

0

7.90 8.00 8.10

Time-->

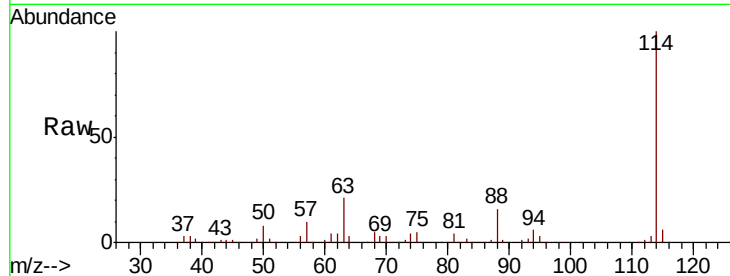




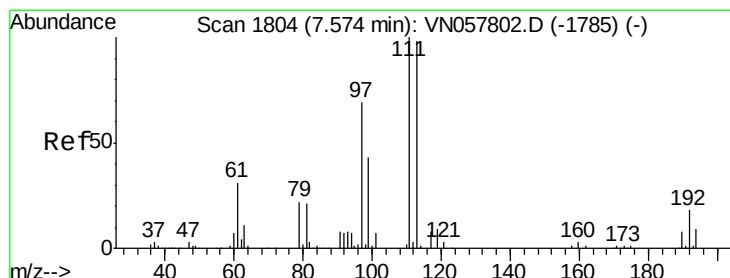
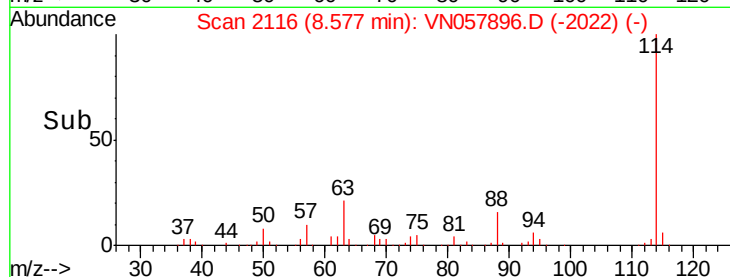
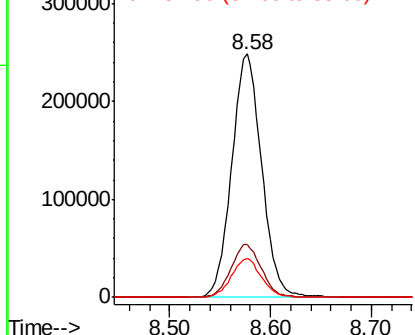
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057896.D
 Acq: 11 Sep 2019 4:26

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-04-091019

Tot Ion:114 Resp: 513303
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.0
 88 15.8 0.0 31.4

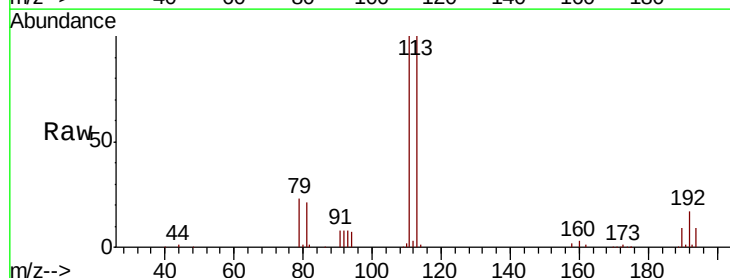


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

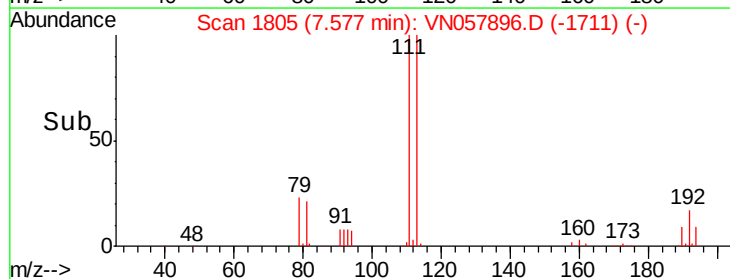
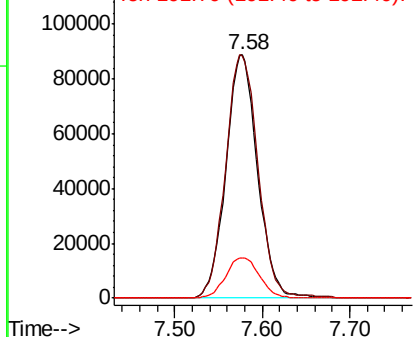


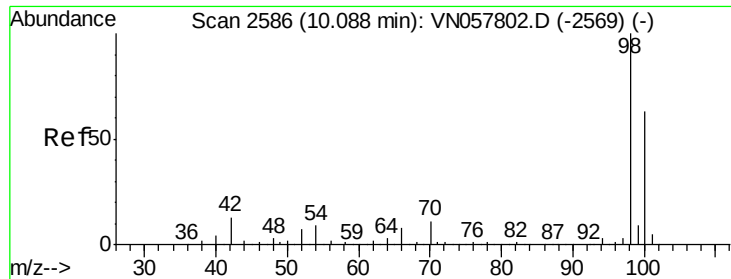
#35
 Dibromofluoromethane
 Concen: 46.952 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057896.D
 Acq: 11 Sep 2019 4:26

Tgt Ion:113 Resp: 222437
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.3 121.9
 192 17.7 14.6 22.0



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: 49.376 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057896.D

Acq: 11 Sep 2019 4:26

Instrument :

MSVOA_N

ClientSampled :

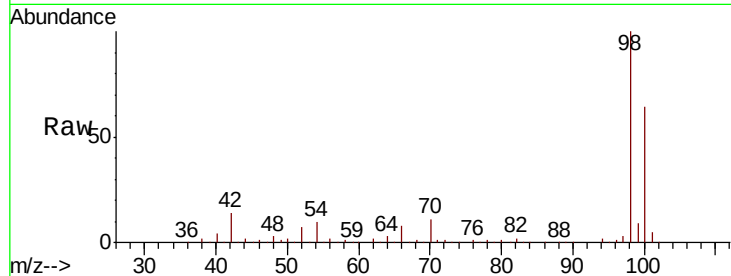
TB-04-091019

Tot Ion: 98 Resp: 908214

Ion Ratio Lower Upper

98 100

100 63.8 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)

10.09

500000

400000

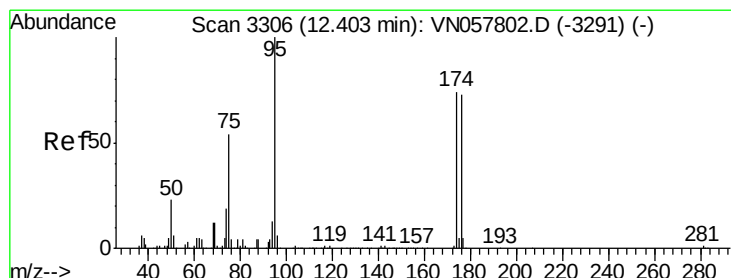
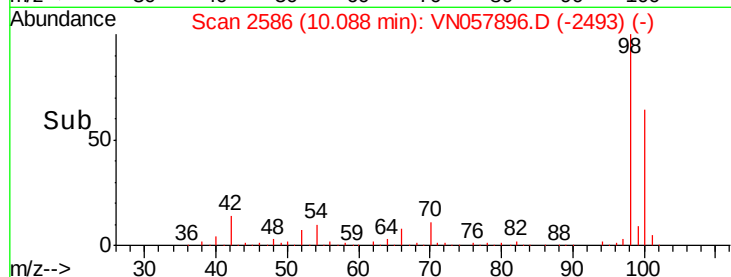
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.545 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057896.D

Acq: 11 Sep 2019 4:26

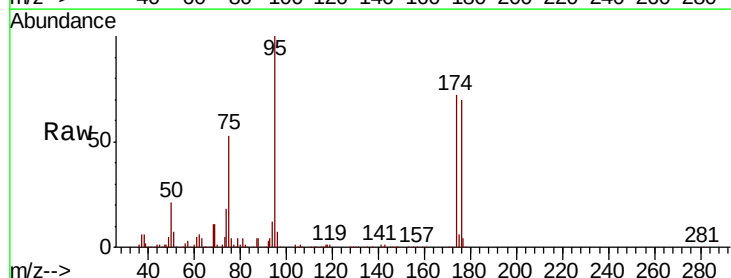
Tgt Ion: 95 Resp: 298230

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

176 71.9 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

12.40

250000

200000

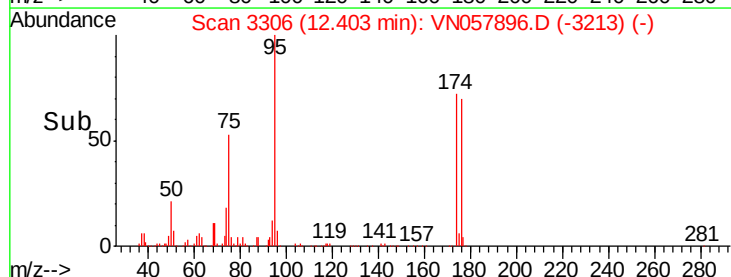
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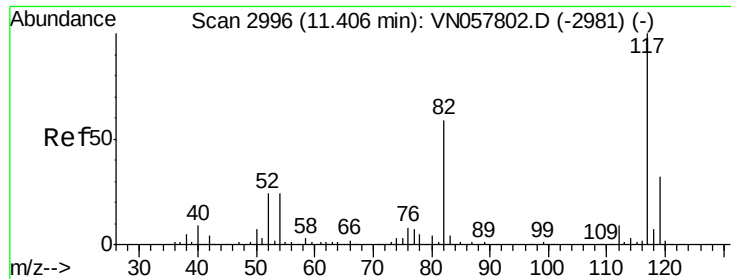
100000

50000

0

Time-->

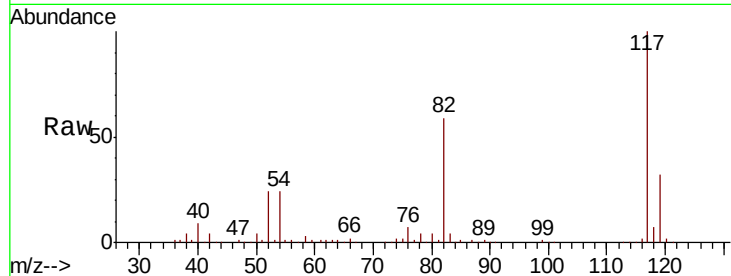




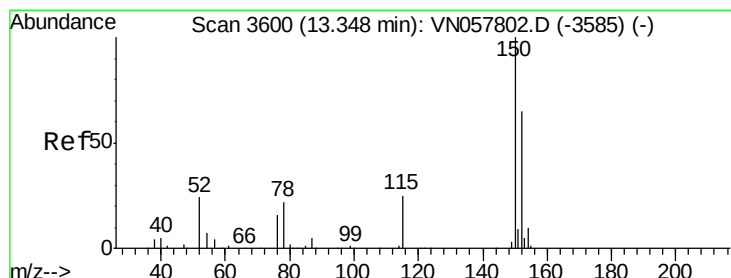
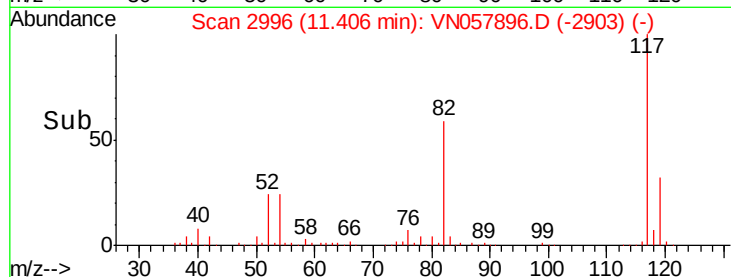
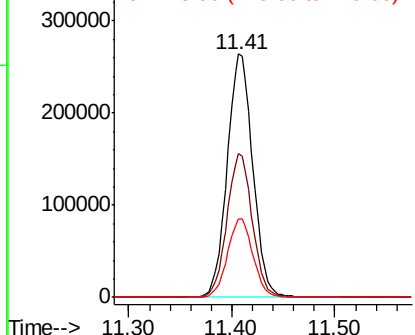
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057896.D
Acq: 11 Sep 2019 4:26

Instrument :
MSVOA_N
ClientSampleId :
TB-04-091019

Tot Ion:117 Resp: 456703
Ion Ratio Lower Upper
117 100
82 58.9 47.2 70.8
119 32.4 25.3 37.9

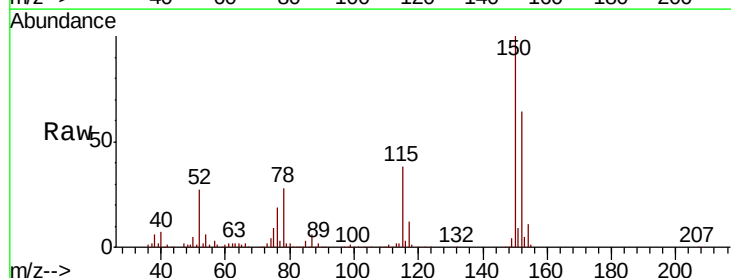


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057896.D
Acq: 11 Sep 2019 4:26

Tgt Ion:152 Resp: 238802
Ion Ratio Lower Upper
152 100
115 60.9 30.3 91.0
150 157.9 0.0 352.4



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

