

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060666.D
 Acq On : 24 Mar 2020 12:57
 Operator : JC/MD
 Sample : L2023-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-200323

Quant Time: Mar 25 09:07:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	175064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	288818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	259195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109592	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111312	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
35) Dibromofluoromethane	7.56	113	84459	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.08	98	350532	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.40	95	122978	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

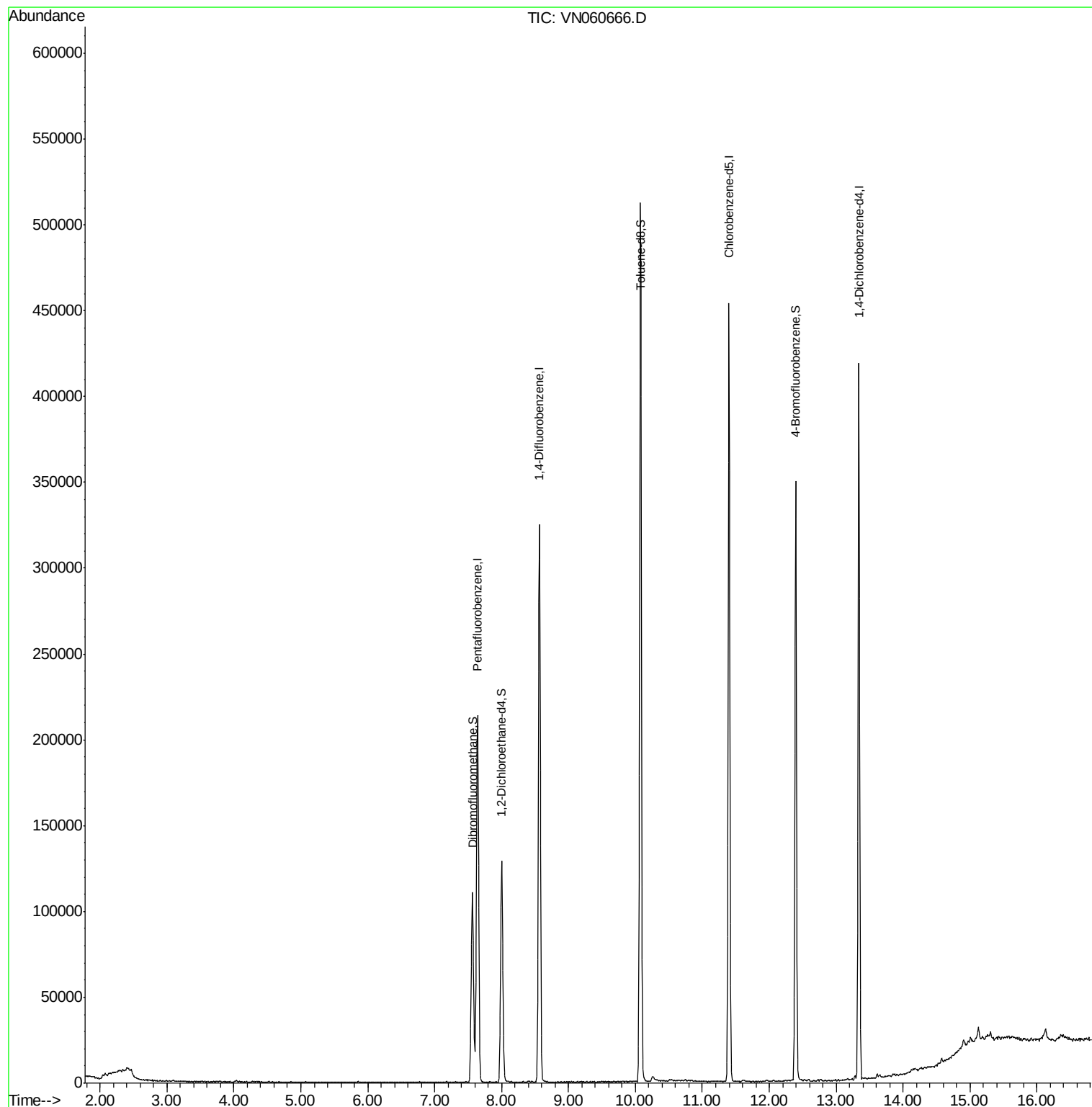
Target Compounds	Qvalue
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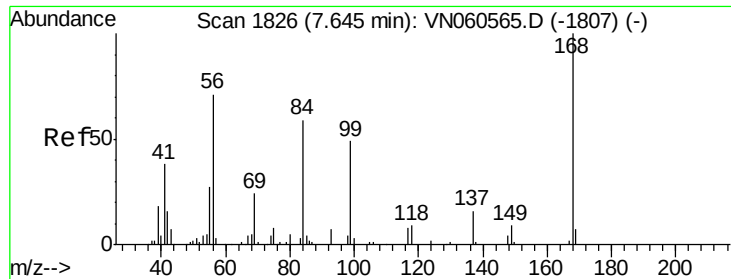
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 08:49:09 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060666.D

Acq: 24 Mar 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

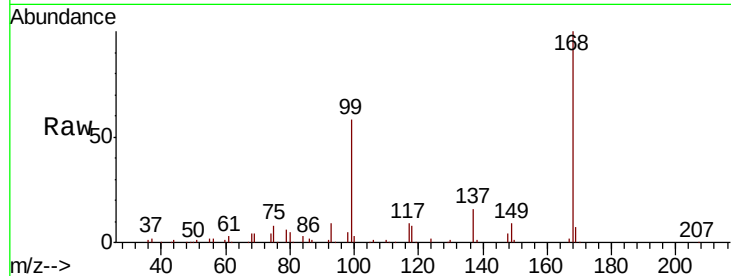
TB-01-200323

Tot Ion:168 Resp: 175064

Ion Ratio Lower Upper

168 100

99 57.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

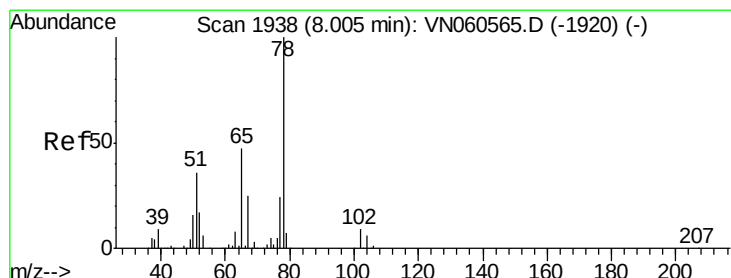
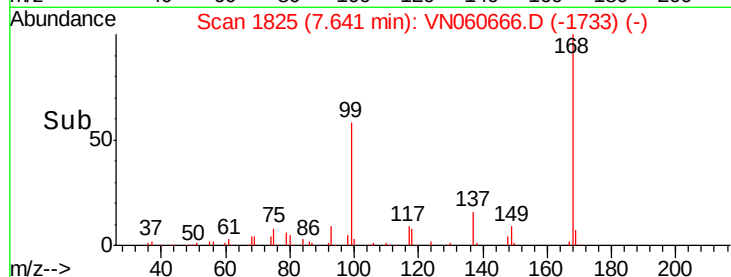
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.318 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060666.D

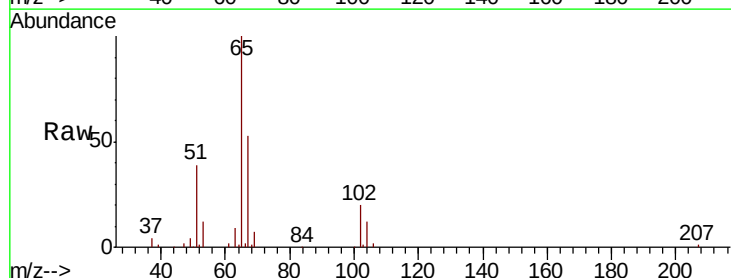
Acq: 24 Mar 2020 12:57

Tgt Ion: 65 Resp: 111312

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

50000

40000

30000

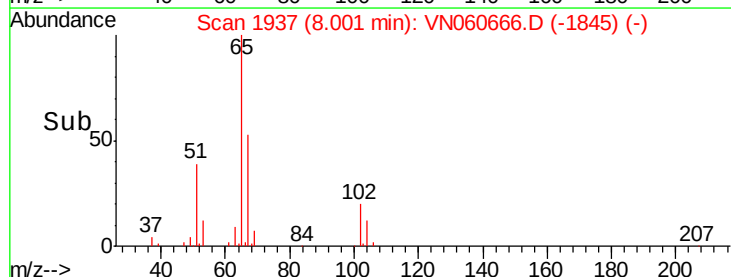
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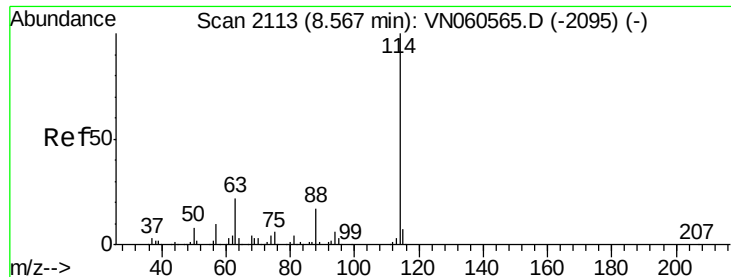
10000

0

7.90 8.00 8.10

Time-->

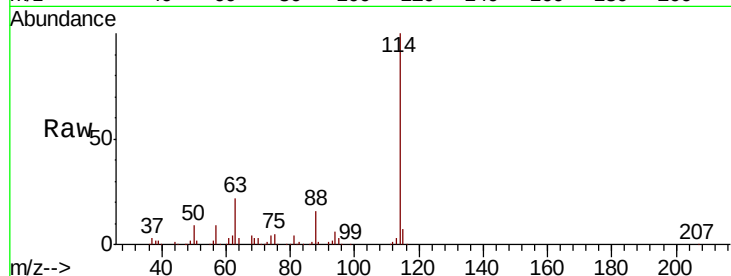




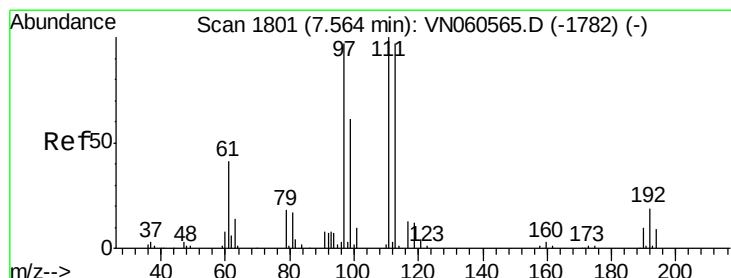
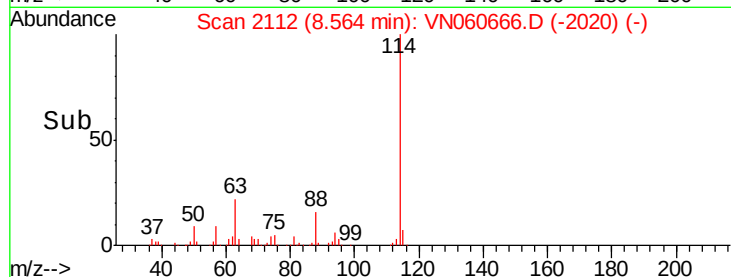
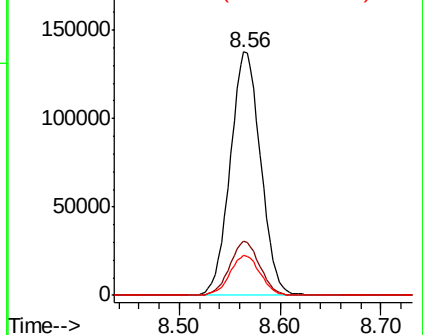
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060666.D
 Acq: 24 Mar 2020 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-200323

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.8
88	16.2	0.0	33.0

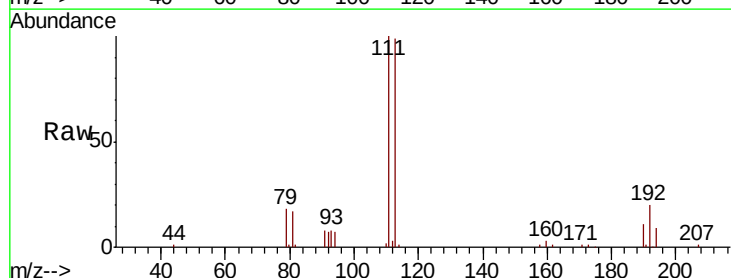


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

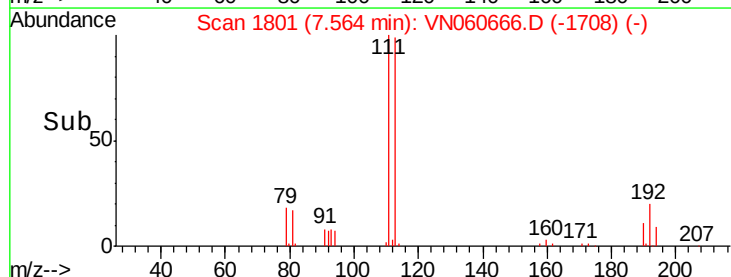
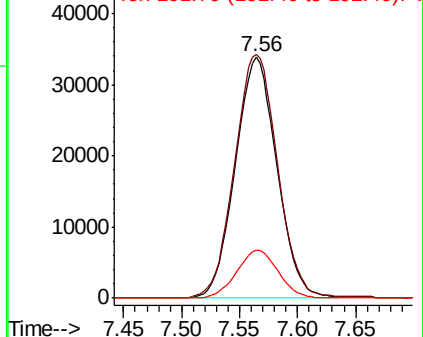


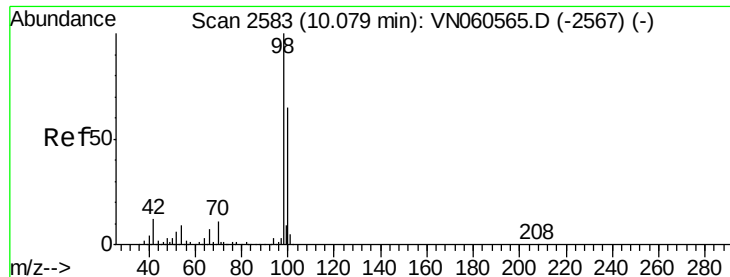
#35
 Dibromofluoromethane
 Concen: 48.362 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060666.D
 Acq: 24 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.9	124.3
192	19.7	15.8	23.8



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: 49.140 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060666.D

Acq: 24 Mar 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

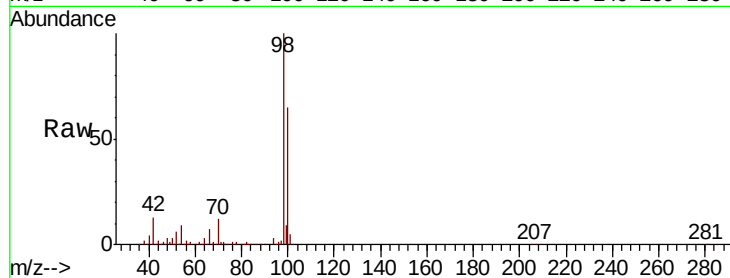
TB-01-200323

Tot Ion: 98 Resp: 350532

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060666.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060666.D (-2567) (-)

10.08

200000

150000

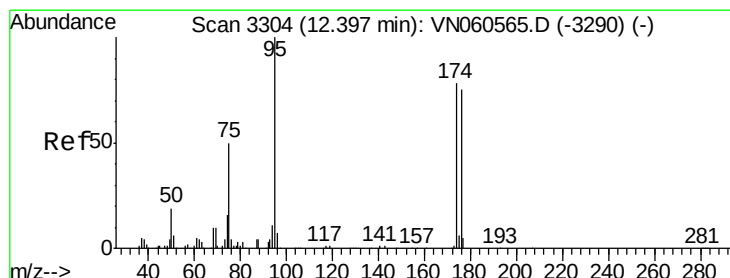
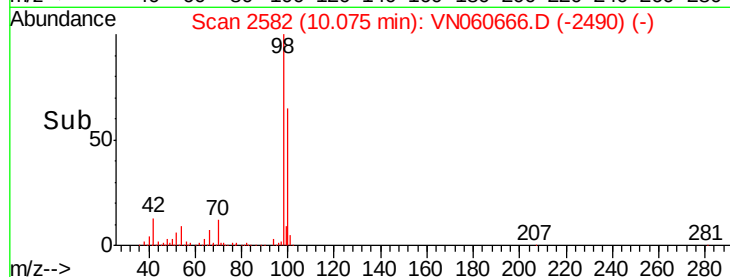
100000

50000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 47.041 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060666.D

Acq: 24 Mar 2020 12:57

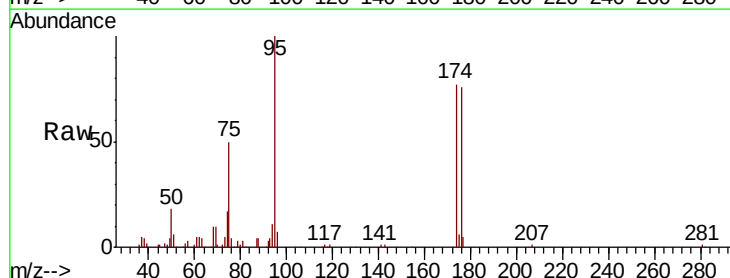
Tgt Ion: 95 Resp: 122978

Ion Ratio Lower Upper

95 100

174 77.1 0.0 157.6

176 76.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060666.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060666.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060666.D (-3290) (-)

100000

80000

60000

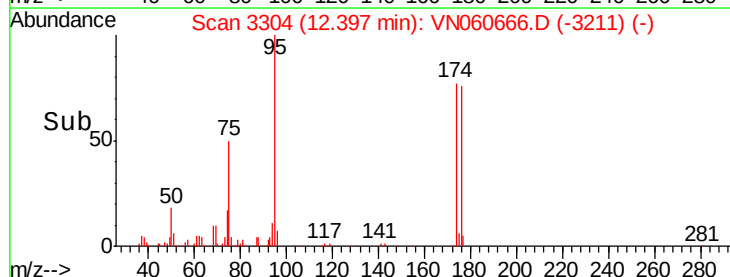
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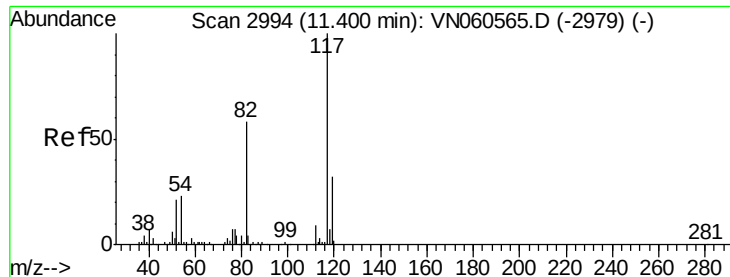
20000

0

12.30 12.40 12.50

Time-->

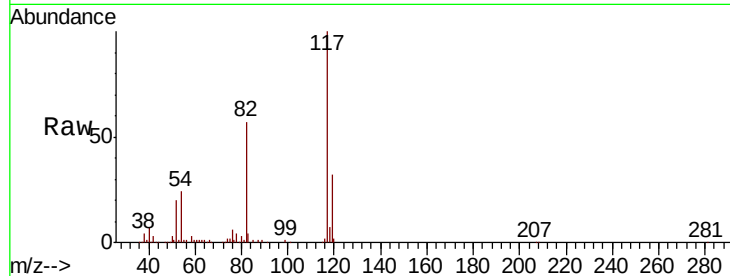




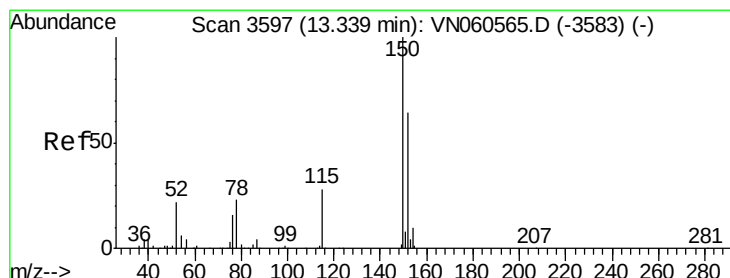
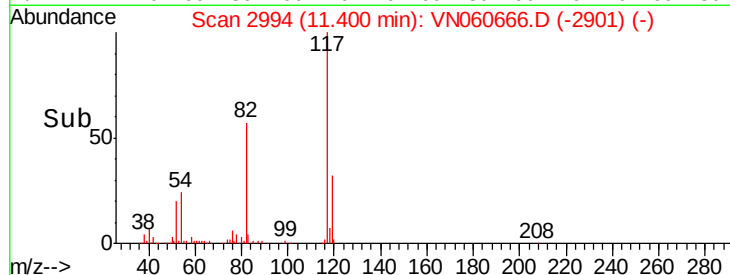
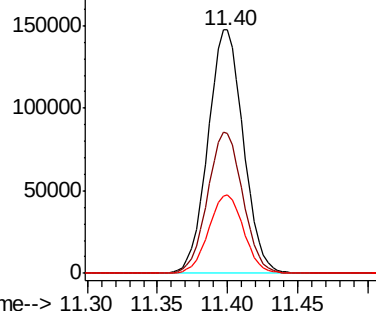
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060666.D
Acq: 24 Mar 2020 12:57

Instrument :
MSVOA_N
ClientSampleId :
TB-01-200323

Tot Ion:117 Resp: 259195
Ion Ratio Lower Upper
117 100
82 57.4 46.7 70.1
119 32.3 25.5 38.3

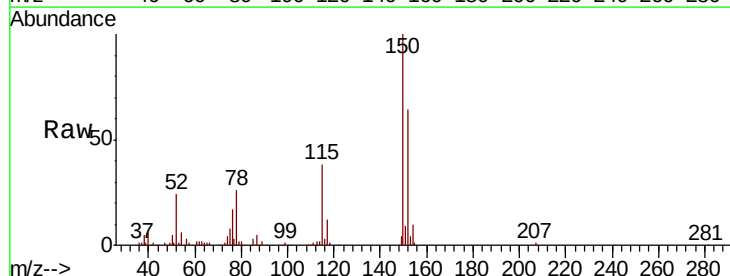


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060666.D
Acq: 24 Mar 2020 12:57

Tgt Ion:152 Resp: 109592
Ion Ratio Lower Upper
152 100
115 59.7 30.2 90.6
150 157.4 0.0 350.2



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

