

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054892.D
 Acq On : 2 Apr 2019 11:00
 Operator : JC/SP
 Sample : VN0402WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBL01

Quant Time: Apr 03 05:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	520942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	847901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	729388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	248017	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	337038	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
35) Dibromofluoromethane	7.59	113	267457	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
50) Toluene-d8	10.09	98	1023021	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.40	95	307524	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	

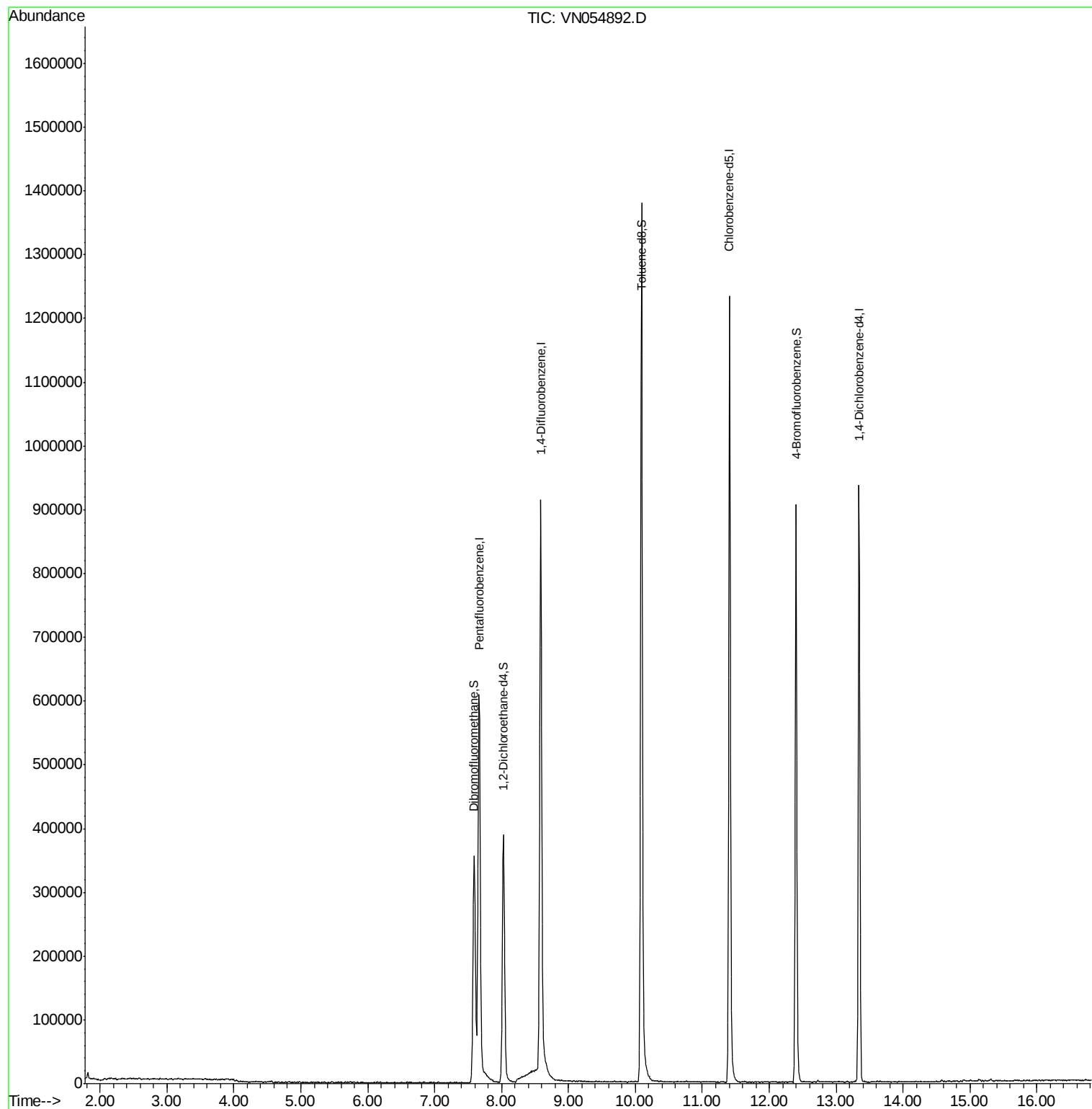
Target Compounds	Qvalue
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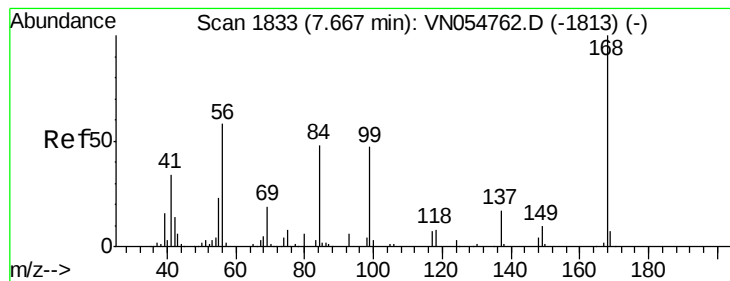
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054892.D

Acq: 2 Apr 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

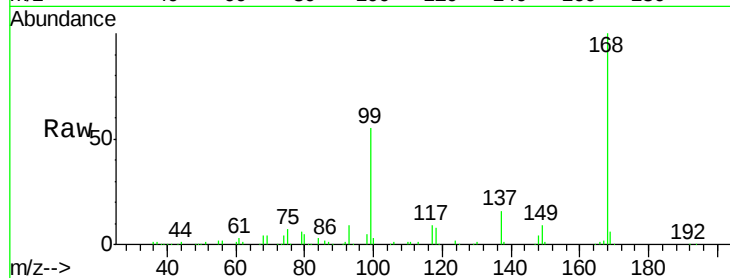
VN0402WBL01

Tot Ion:168 Resp: 520942

Ion Ratio Lower Upper

168 100

99 54.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

200000

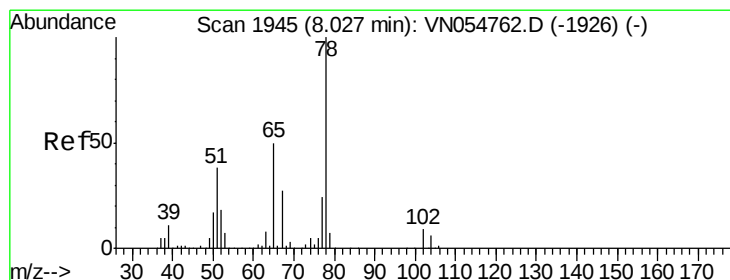
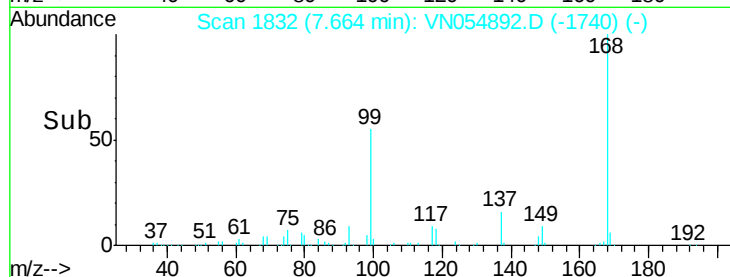
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.995 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054892.D

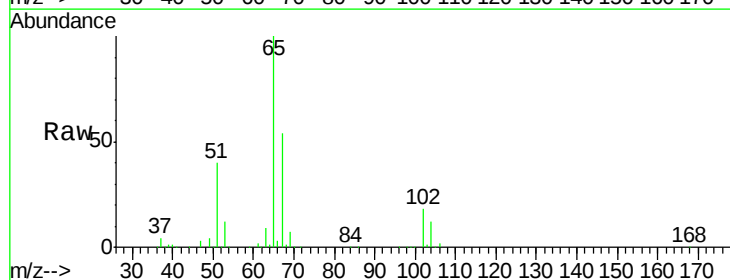
Acq: 2 Apr 2019 11:00

Tgt Ion: 65 Resp: 337038

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

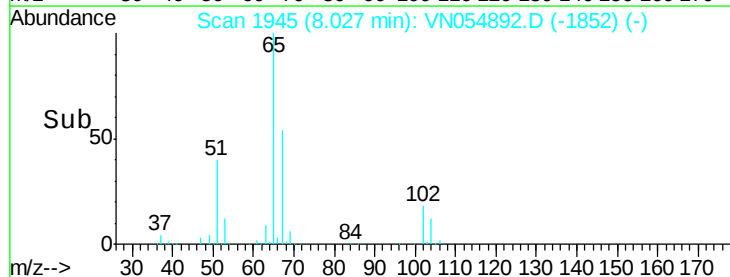
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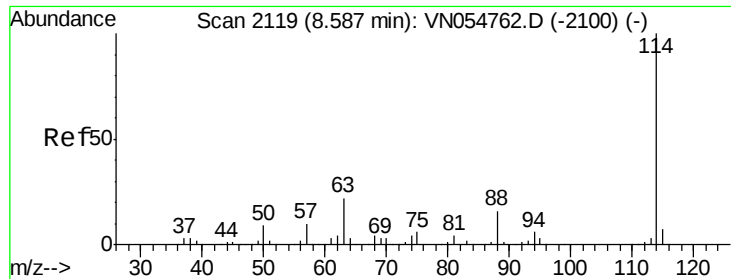
100000

50000

0

Time-->

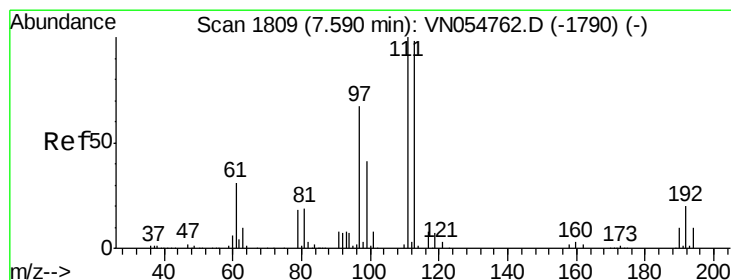
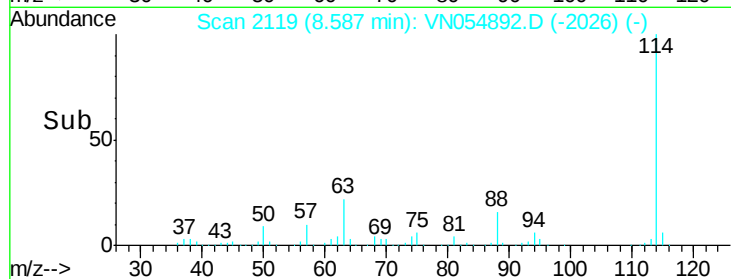
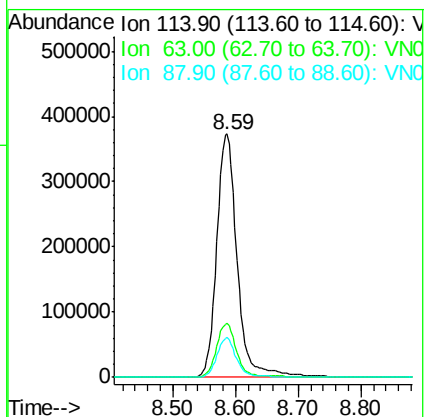
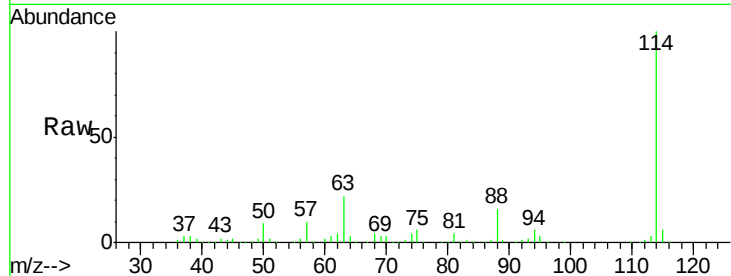




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054892.D
 Acq: 2 Apr 2019 11:00

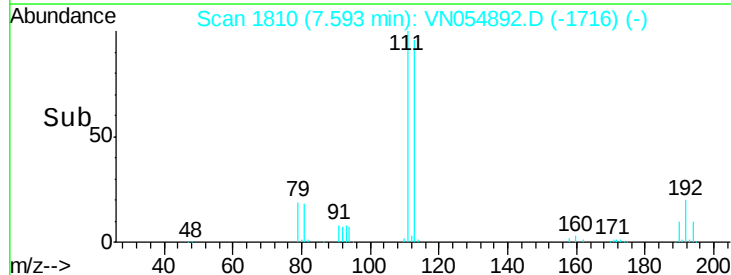
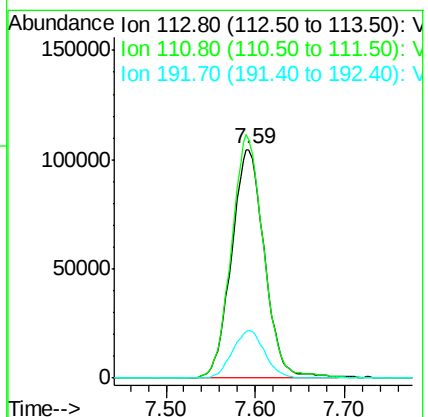
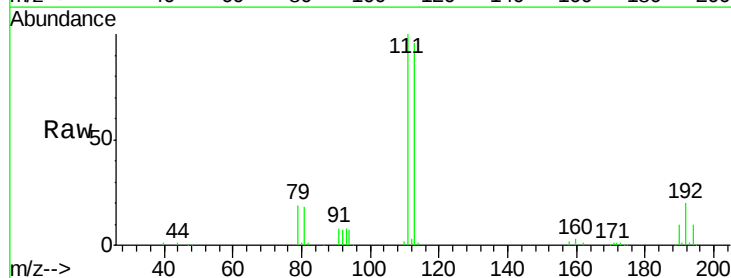
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBL01

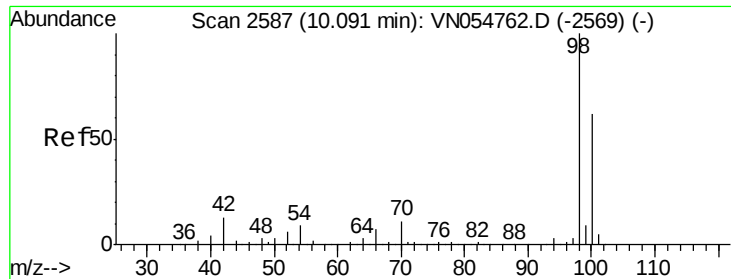
Tot Ion:114 Resp: 847901
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 35.2
 88 16.4 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 47.313 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054892.D
 Acq: 2 Apr 2019 11:00

Tgt Ion:113 Resp: 267457
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.2 123.4
 192 20.4 19.2 28.8





#50

Toluene-d8

Concen: 48.678 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054892.D

Acq: 2 Apr 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

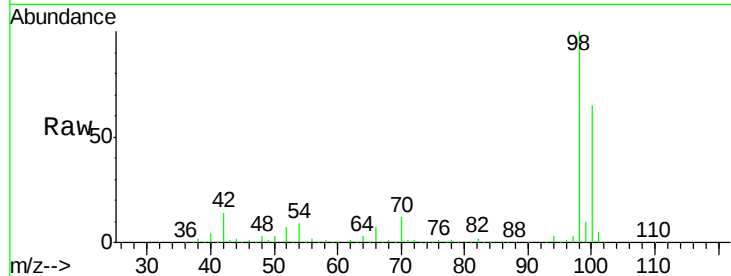
VN0402WBL01

Tot Ion: 98 Resp: 1023021

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

600000

500000

400000

300000

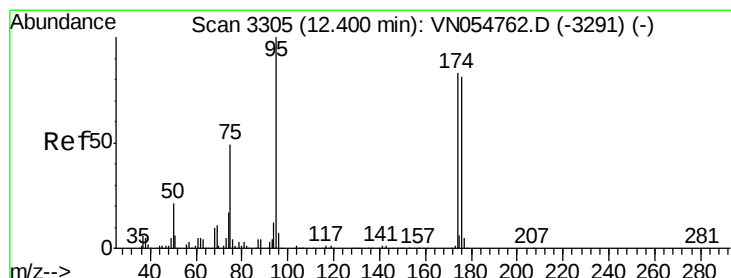
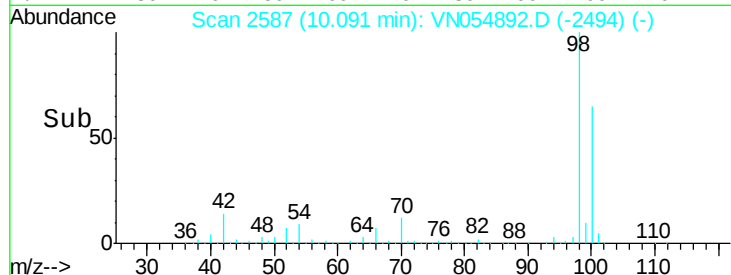
200000

100000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 43.998 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054892.D

Acq: 2 Apr 2019 11:00

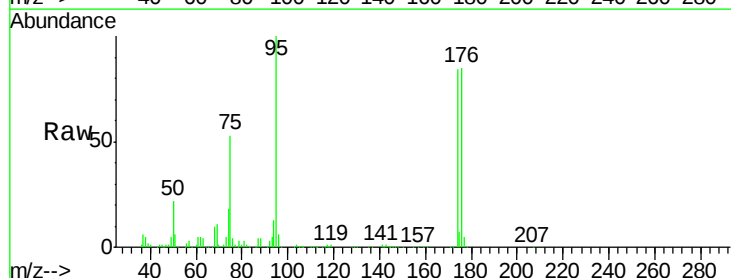
Tgt Ion: 95 Resp: 307524

Ion Ratio Lower Upper

95 100

174 84.6 0.0 191.0

176 84.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

12.40

200000

150000

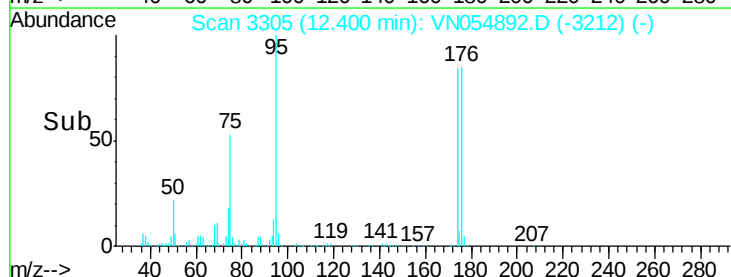
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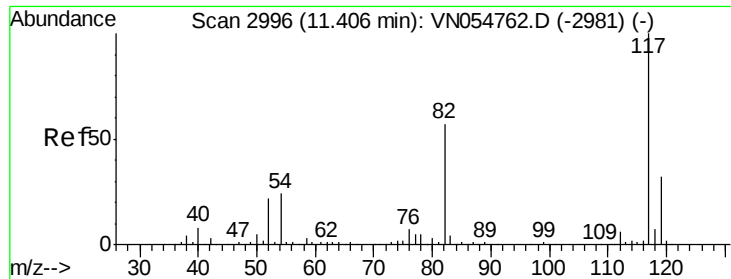
50000

0

Time-->

12.30 12.40 12.50

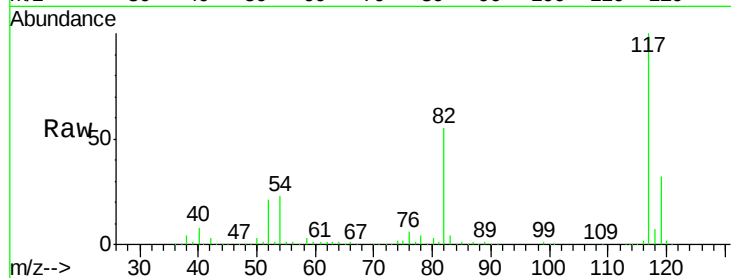




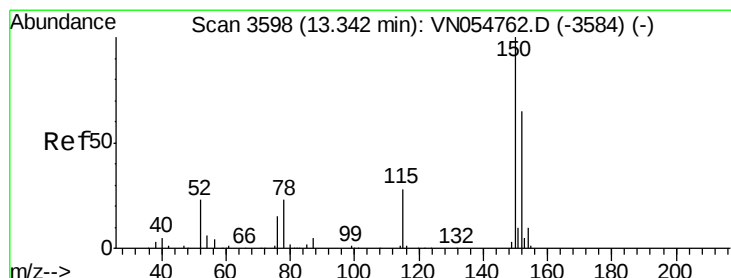
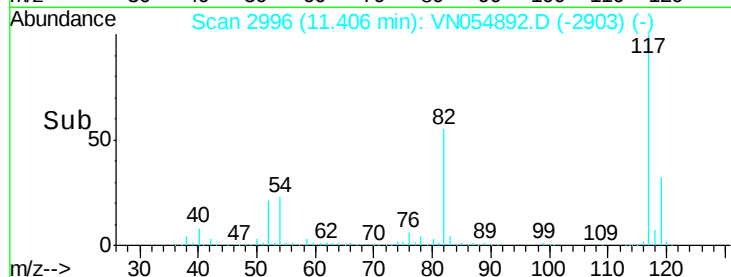
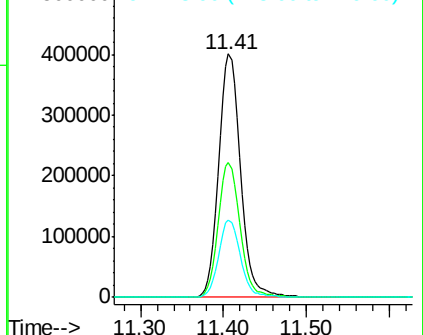
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054892.D
Acq: 2 Apr 2019 11:00

Instrument :
MSVOA_N
ClientSampled :
VN0402WBL01

Tot Ion:117 Resp: 729388
Ion Ratio Lower Upper
117 100
82 55.4 40.0 60.0
119 31.9 25.8 38.6

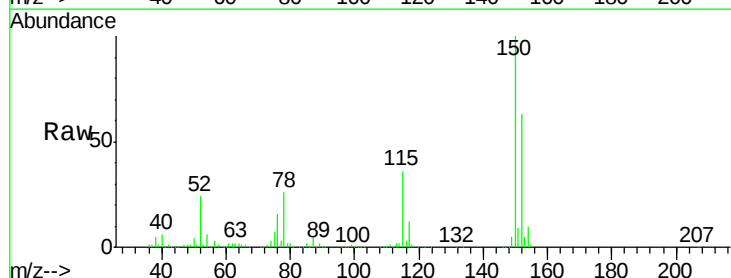


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054892.D
Acq: 2 Apr 2019 11:00

Tgt Ion:152 Resp: 248017
Ion Ratio Lower Upper
152 100
115 58.1 27.2 81.6
150 159.3 0.0 349.2



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

