

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054916.D
 Acq On : 3 Apr 2019 10:44
 Operator : JC/SP
 Sample : VN0403WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403WBL01

Quant Time: Apr 04 01:47:38 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	510155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	850987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	720847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	246139	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	338031	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	7.59	113	268809	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	10.09	98	1021663	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.40	95	310974	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	

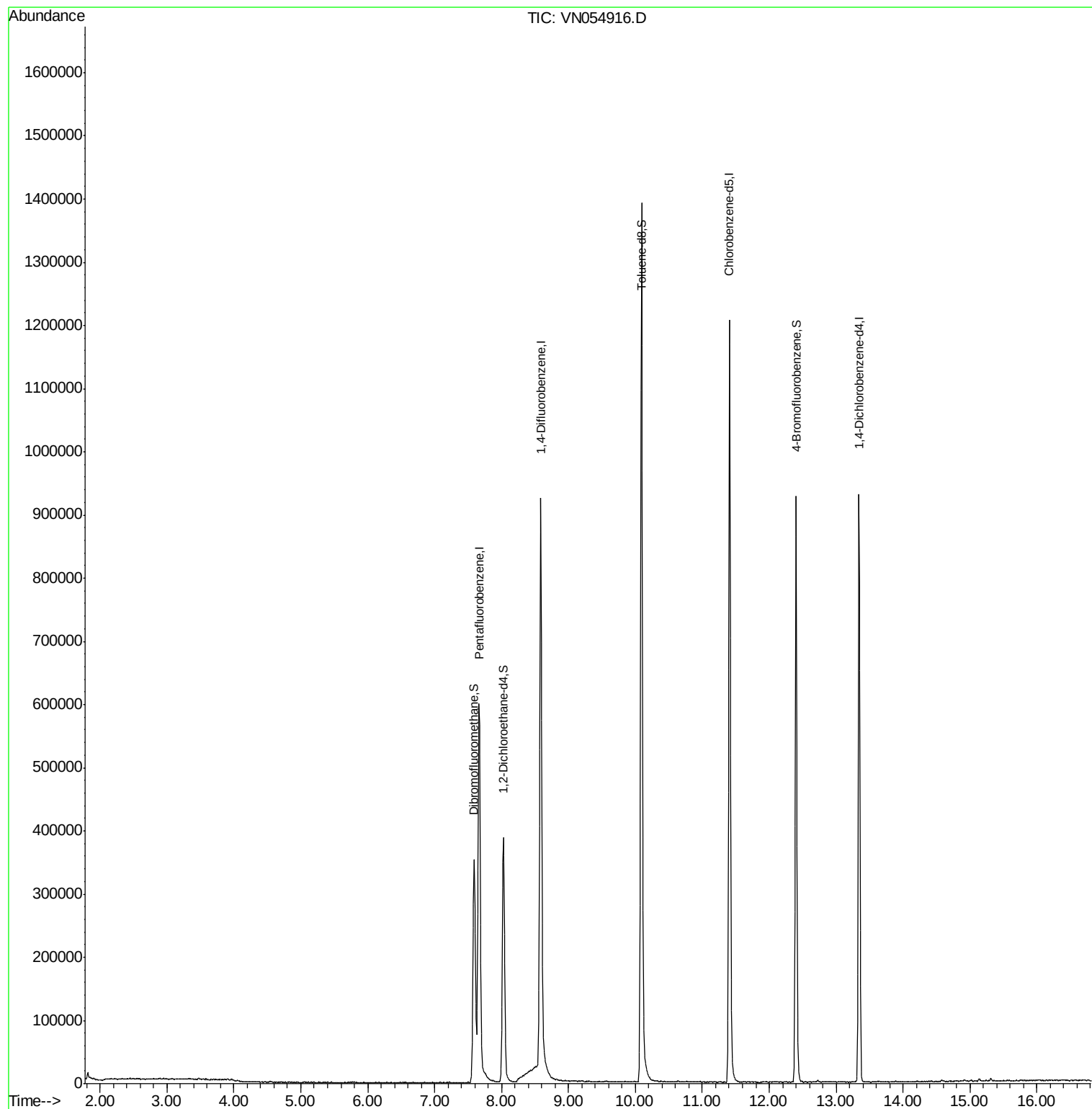
Target Compounds	Qvalue

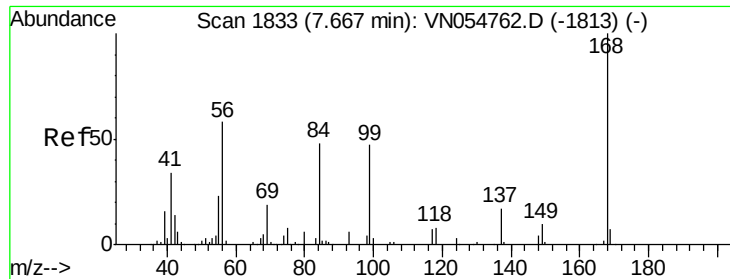
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 00:48:18 2019
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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: VN054916.D

Acq: 3 Apr 2019 10:44

Instrument :

MSVOA_N

ClientSampled :

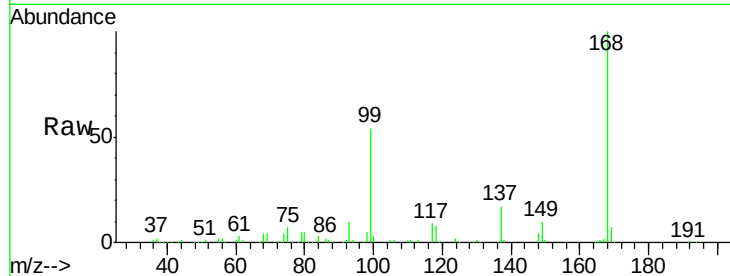
VN0403WBL01

Tot Ion:168 Resp: 510155

Ion Ratio Lower Upper

168 100

99 53.6 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

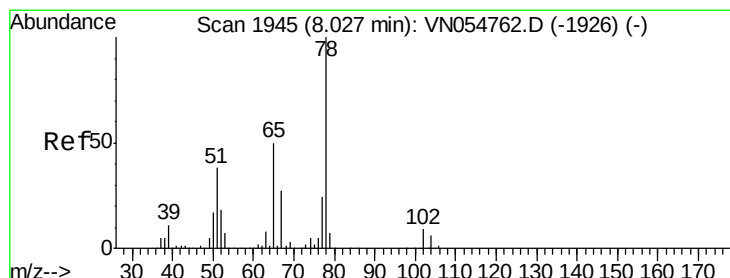
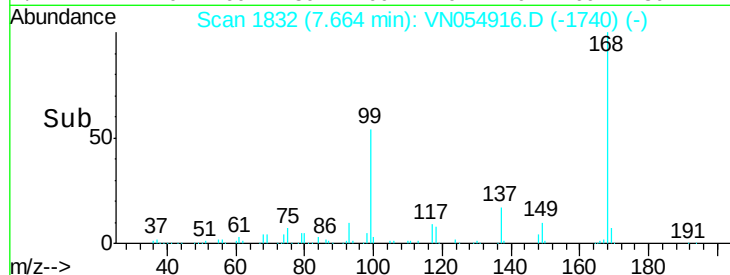
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.154 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054916.D

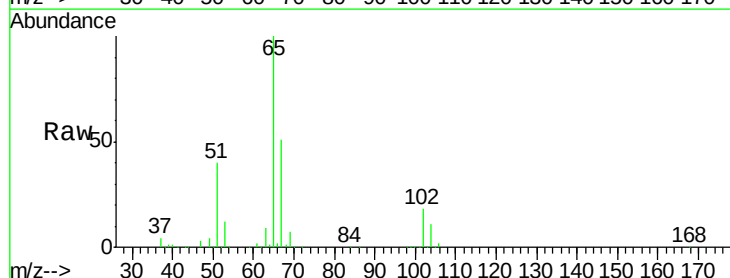
Acq: 3 Apr 2019 10:44

Tgt Ion: 65 Resp: 338031

Ion Ratio Lower Upper

65 100

67 51.9 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

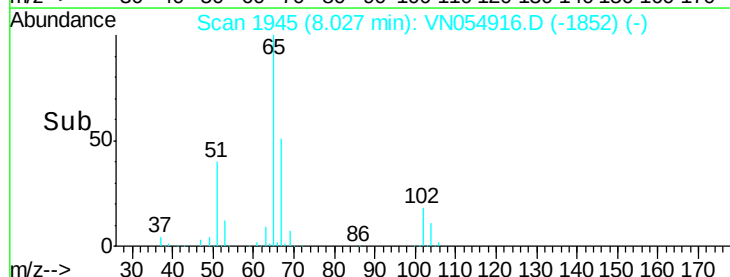
150000

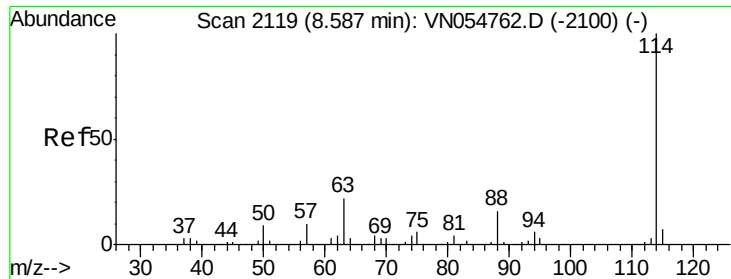
100000

50000

0

Time-->

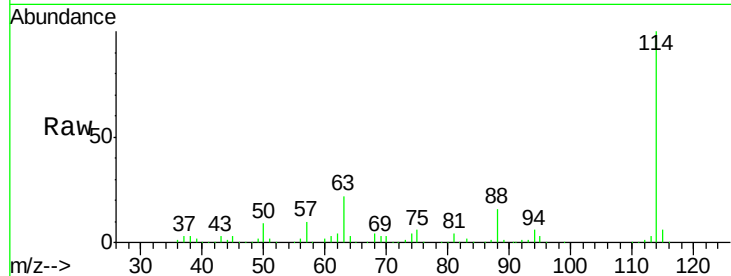




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054916.D
 Acq: 3 Apr 2019 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403WBL01

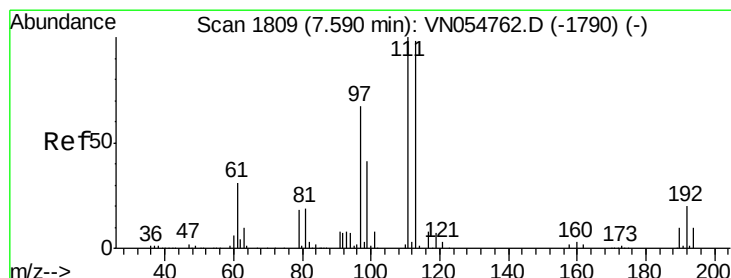
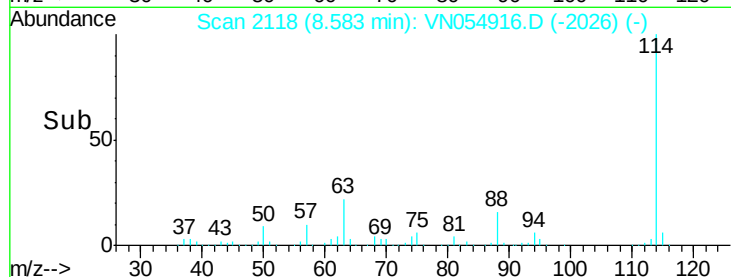
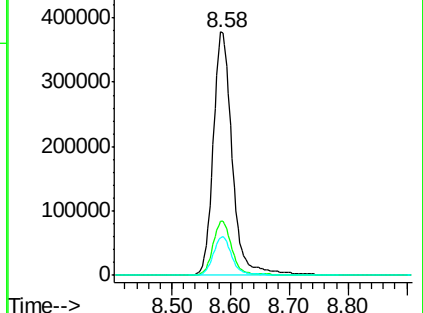
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	35.2
88	15.7	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

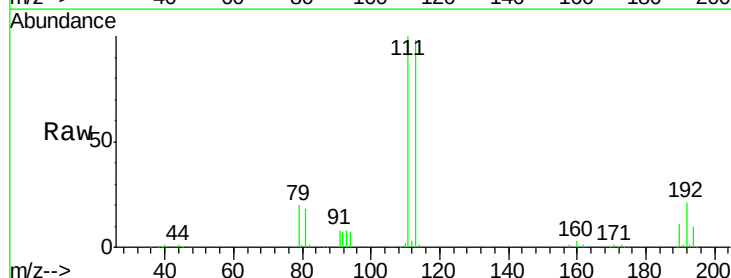
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 47.380 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054916.D
 Acq: 3 Apr 2019 10:44

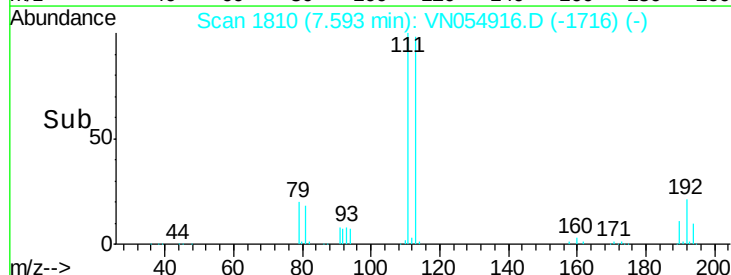
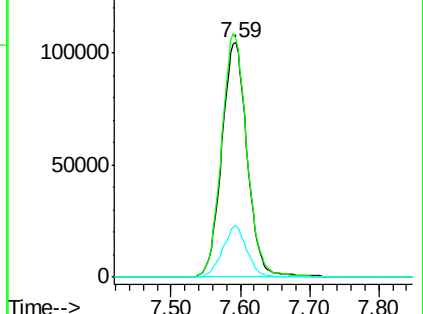
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	20.7	19.2	28.8

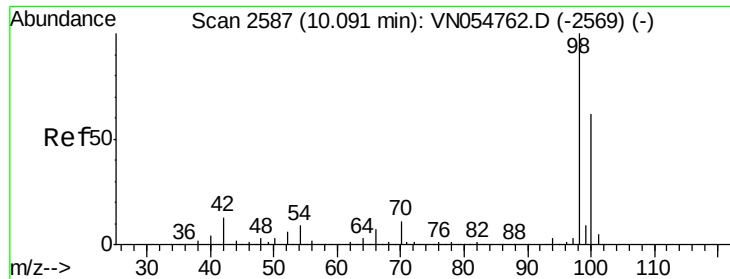


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.437 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054916.D

Acq: 3 Apr 2019 10:44

Instrument :

MSVOA_N

ClientSampled :

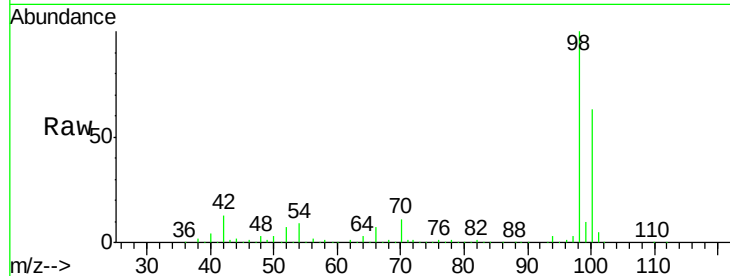
VN0403WBL01

Tot Ion: 98 Resp: 1021663

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

500000

400000

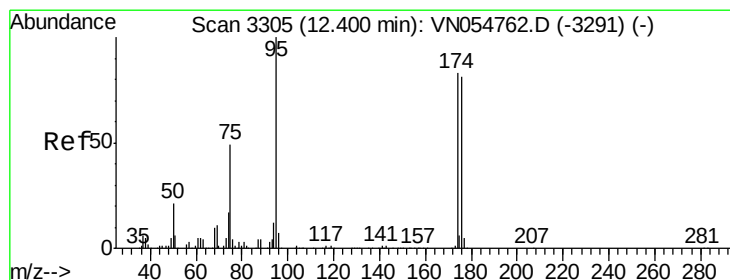
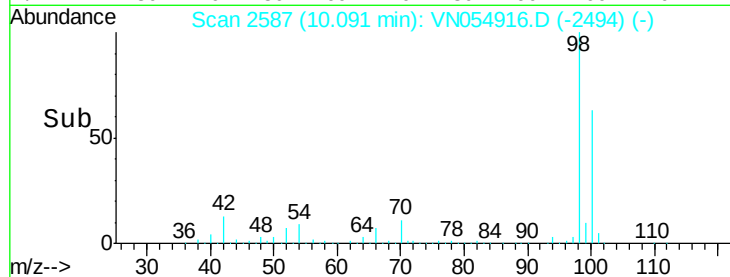
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.330 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054916.D

Acq: 3 Apr 2019 10:44

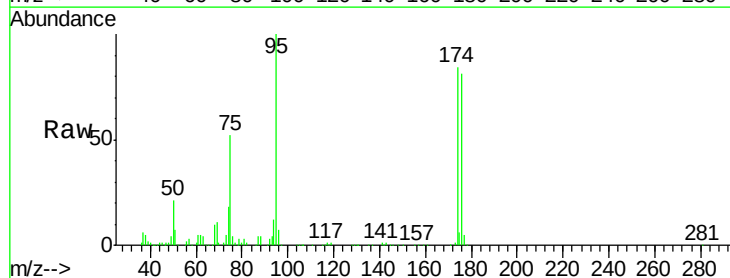
Tgt Ion: 95 Resp: 310974

Ion Ratio Lower Upper

95 100

174 84.6 0.0 191.0

176 82.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

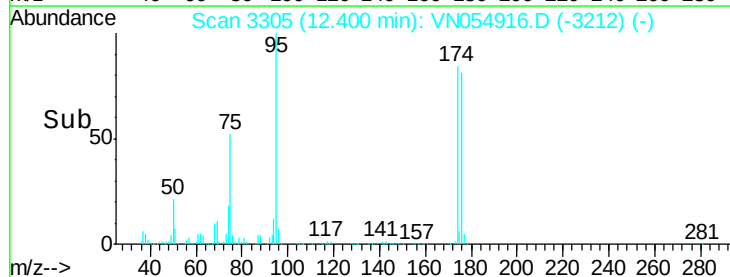
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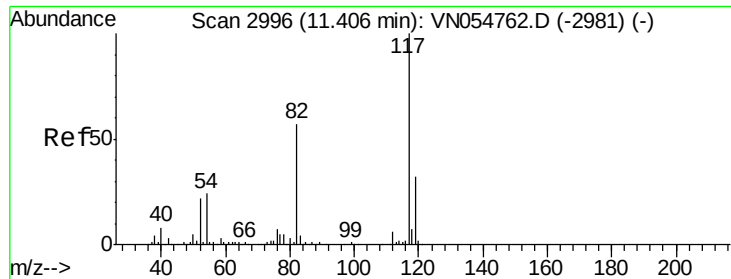
100000

50000

0

Time-->

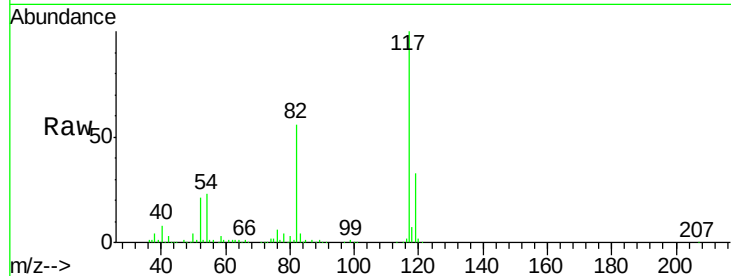




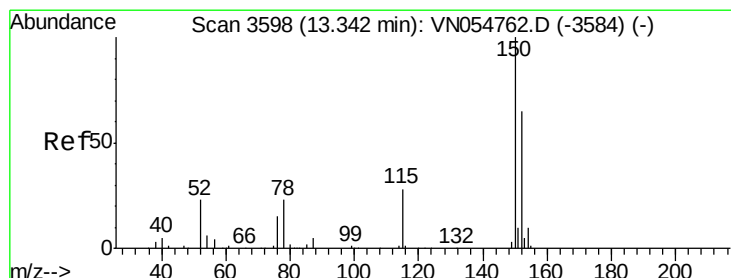
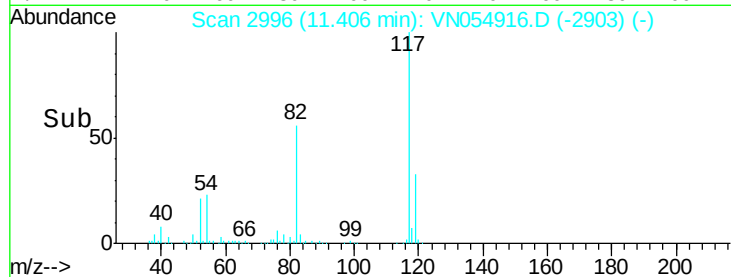
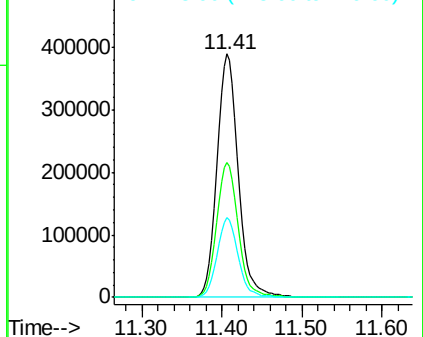
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054916.D
Acq: 3 Apr 2019 10:44

Instrument :
MSVOA_N
ClientSampled :
VN0403WBL01

Tot Ion:117 Resp: 720847
Ion Ratio Lower Upper
117 100
82 55.6 40.0 60.0
119 32.6 25.8 38.6

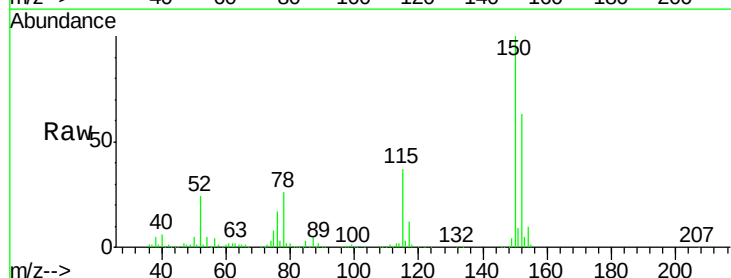


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054916.D
Acq: 3 Apr 2019 10:44

Tgt Ion:152 Resp: 246139
Ion Ratio Lower Upper
152 100
115 58.2 27.2 81.6
150 156.3 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

