

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054462.D
 Acq On : 20 Mar 2019 13:11
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Mar 22 02:04:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 14:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	717279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1064553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	324730	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	408730	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.59	113	329673	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	10.09	98	1257113	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.40	95	391662	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	

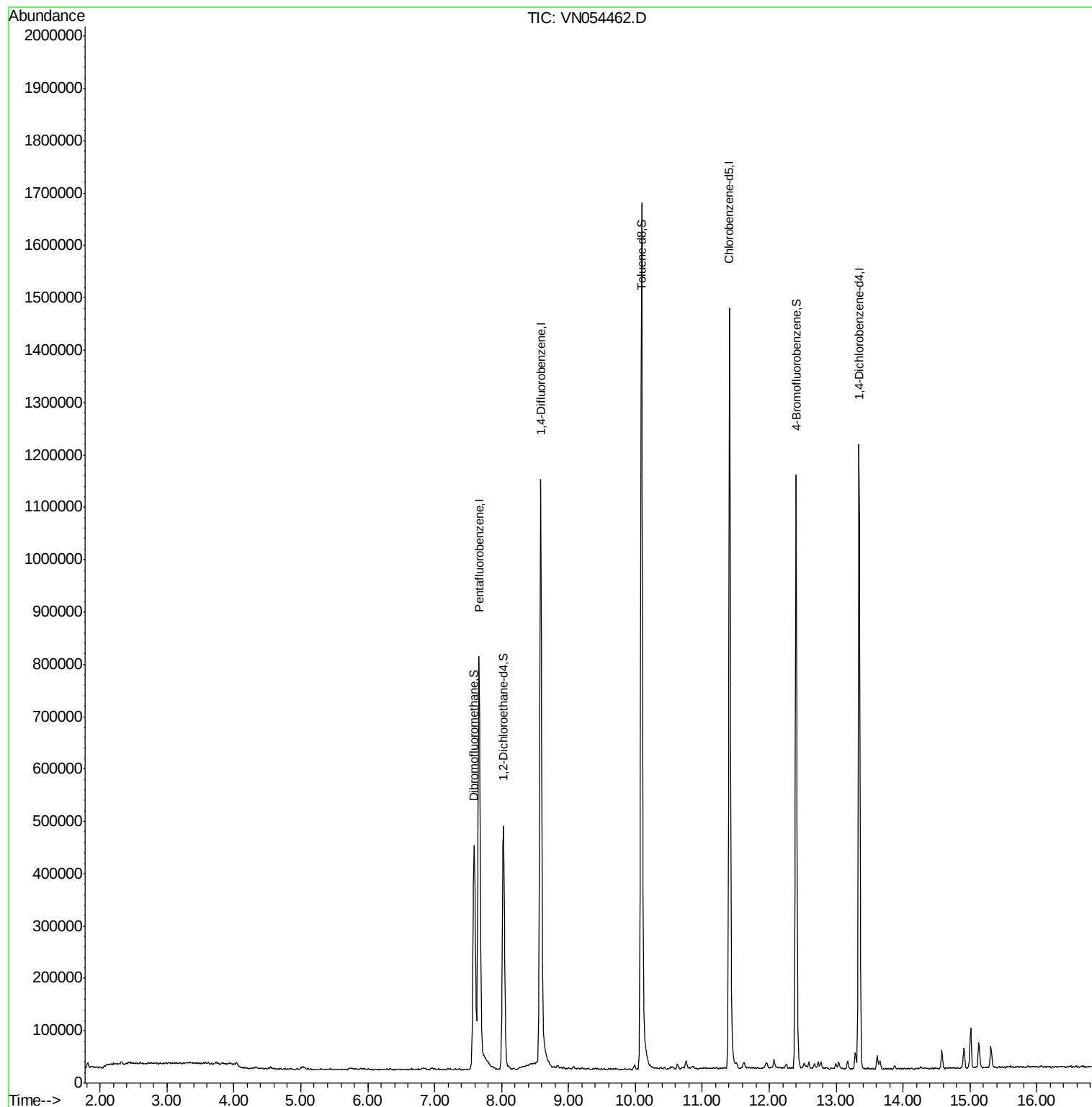
Target Compounds	Qvalue

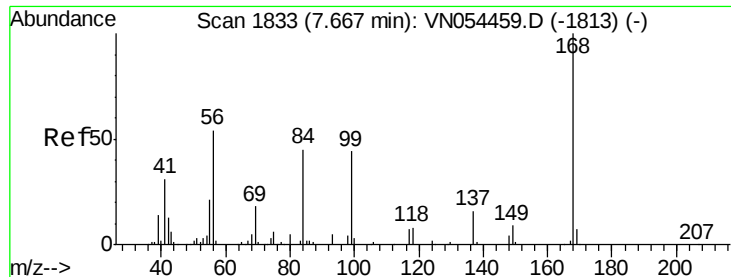
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054462.D

Acq: 20 Mar 2019 13:11

Instrument :

MSVOA_N

ClientSampled :

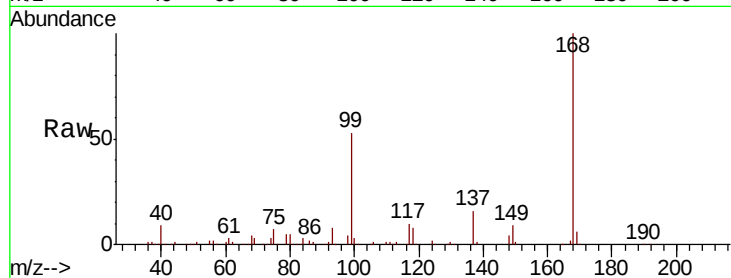
I.BLK

Tot Ion:168 Resp: 717279

Ion Ratio Lower Upper

168 100

99 52.8 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

250000

200000

150000

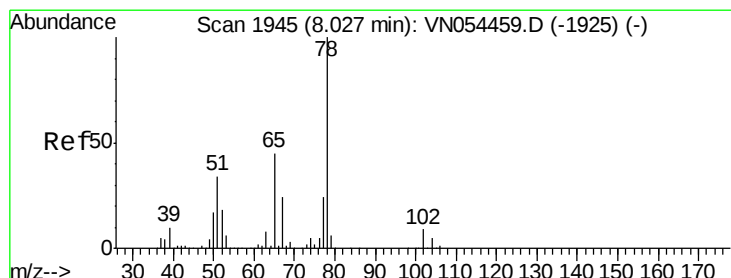
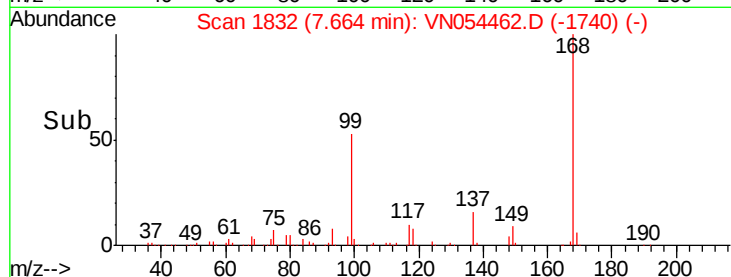
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.812 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054462.D

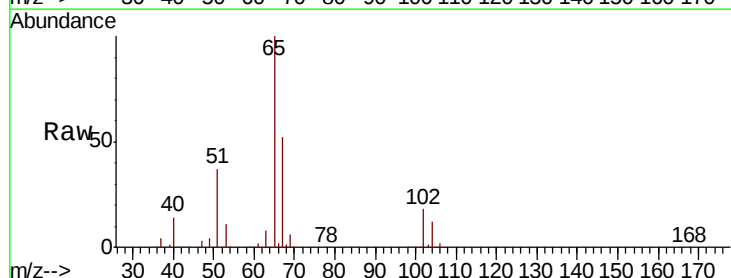
Acq: 20 Mar 2019 13:11

Tgt Ion: 65 Resp: 408730

Ion Ratio Lower Upper

65 100

67 52.1 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

200000

150000

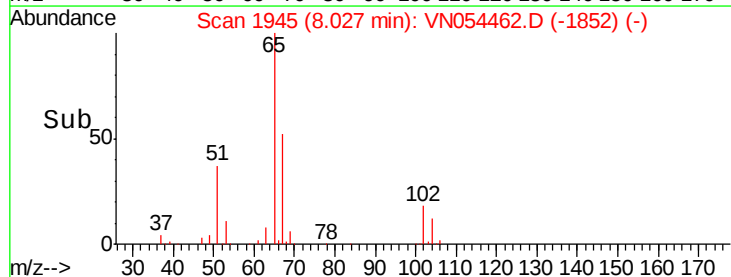
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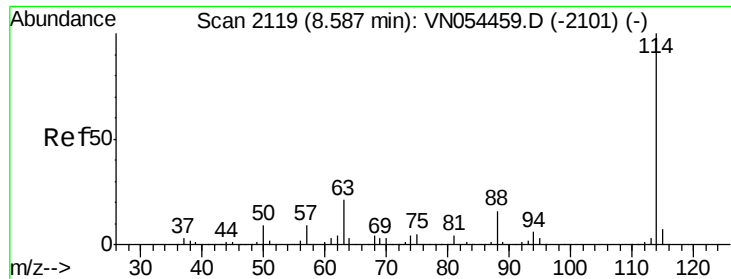
50000

0

7.90 8.00 8.10 8.20

Time-->

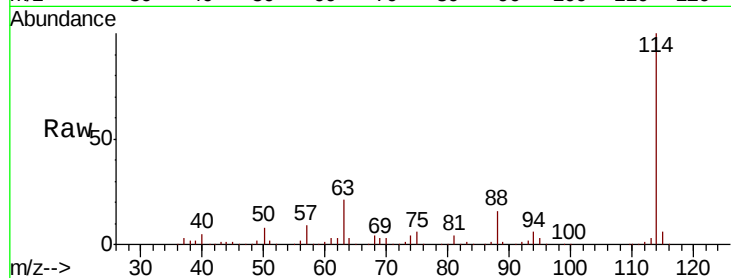




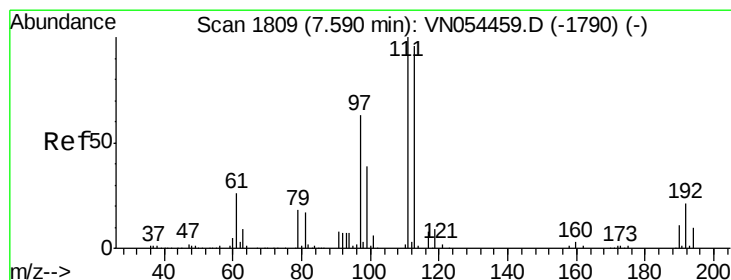
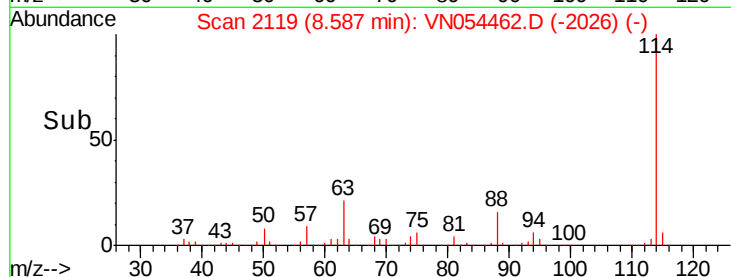
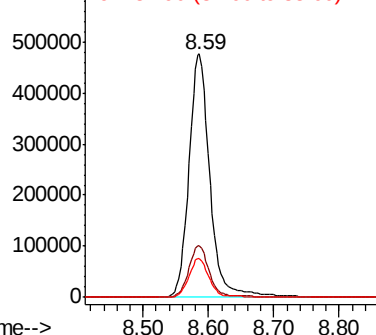
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054462.D
Acq: 20 Mar 2019 13:11

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tot Ion:114 Resp: 1064553
Ion Ratio Lower Upper
114 100
63 21.2 0.0 35.2
88 16.1 0.0 30.2

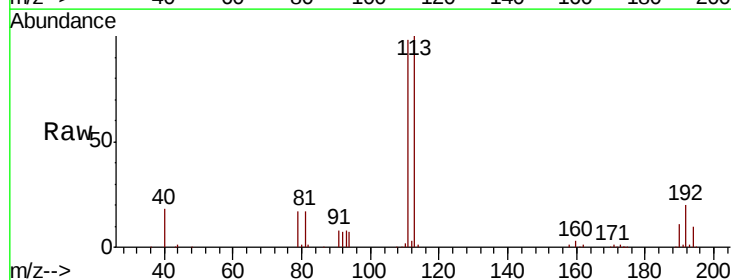


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

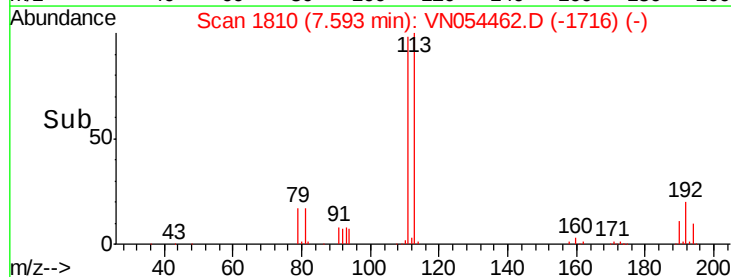
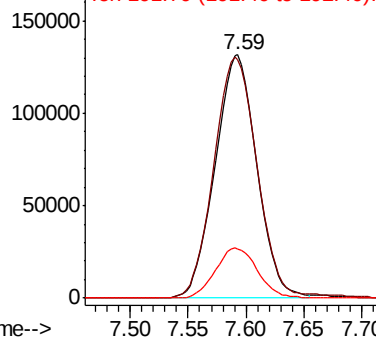


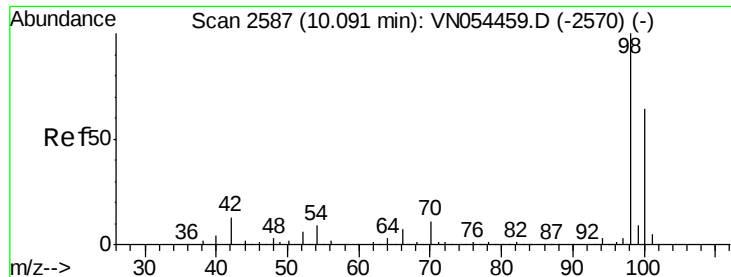
#35
Dibromofluoromethane
Concen: 48.069 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054462.D
Acq: 20 Mar 2019 13:11

Tgt Ion:113 Resp: 329673
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 20.9 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: 48.757 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054462.D

Acq: 20 Mar 2019 13:11

Instrument :

MSVOA_N

ClientSampleId :

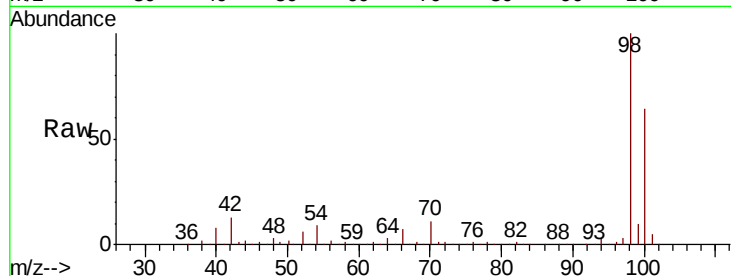
I.BLK

Tot Ion: 98 Resp: 1257113

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

10.09

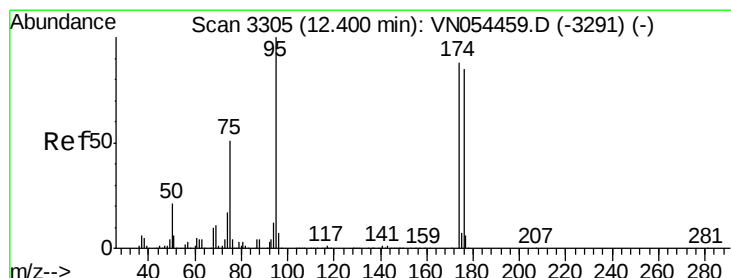
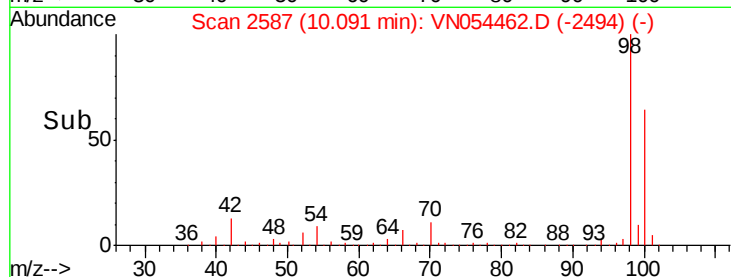
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.641 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054462.D

Acq: 20 Mar 2019 13:11

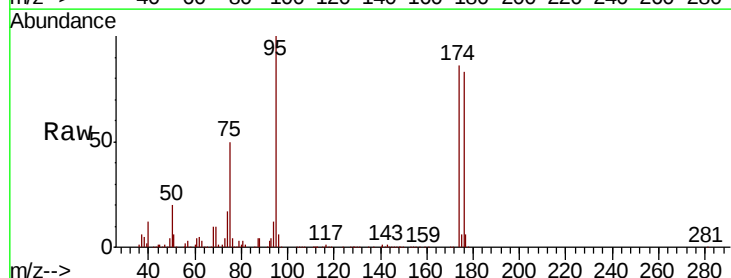
Tgt Ion: 95 Resp: 391662

Ion Ratio Lower Upper

95 100

174 86.6 0.0 191.0

176 84.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)

12.40

300000

250000

200000

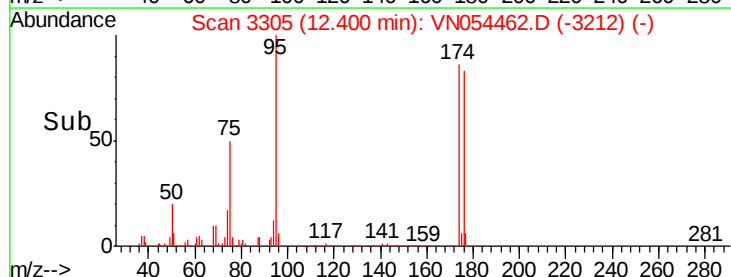
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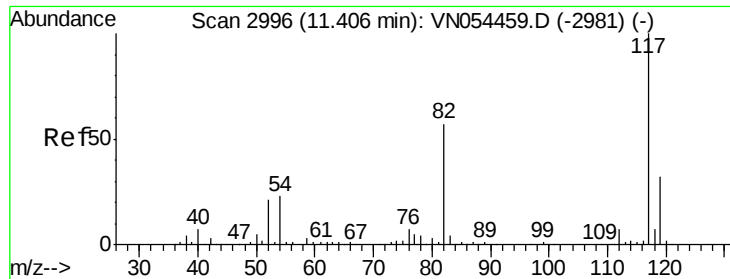
100000

50000

0

Time-->

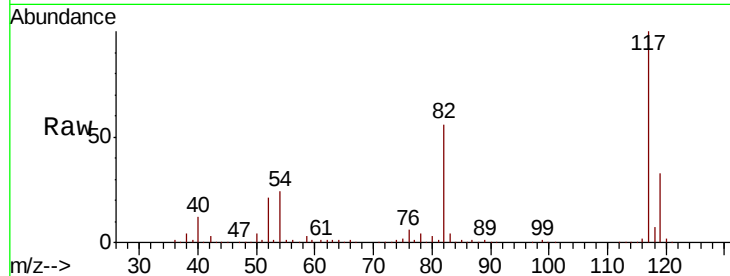




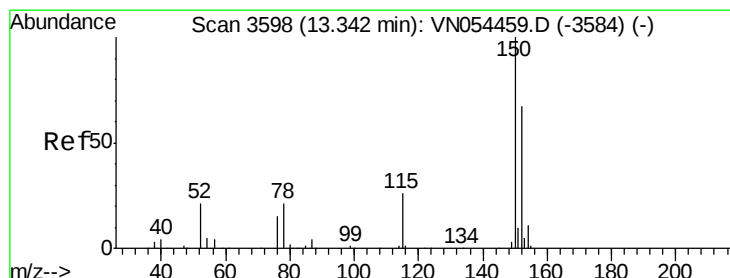
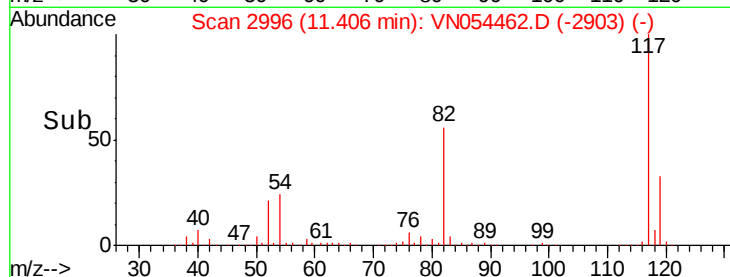
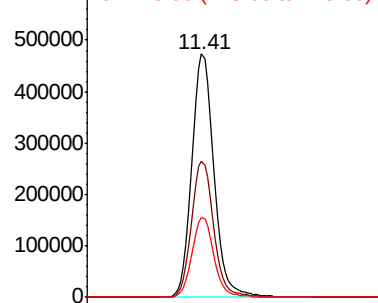
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054462.D
Acq: 20 Mar 2019 13:11

Instrument :
MSVOA_N
ClientSampled :
I.BLK

Tot Ion:117 Resp: 874528
Ion Ratio Lower Upper
117 100
82 56.2 40.0 60.0
119 32.6 25.8 38.6

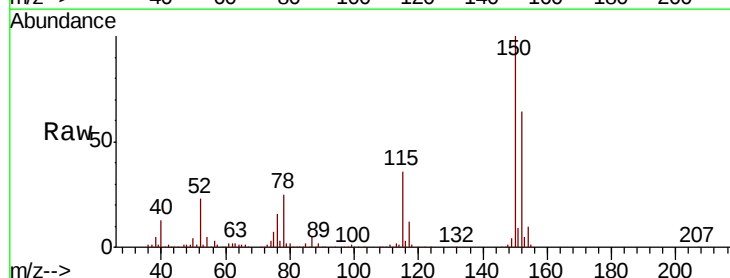


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054462.D
Acq: 20 Mar 2019 13:11

Tgt Ion:152 Resp: 324730
Ion Ratio Lower Upper
152 100
115 56.9 27.2 81.6
150 156.4 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

