

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059835.D
 Acq On : 24 Jan 2020 10:48
 Operator : JC/MD
 Sample : VN0124WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBL01

Quant Time: Jan 25 00:50:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	313014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	267567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	104099	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110089	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
35) Dibromofluoromethane	7.56	113	95404	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.08	98	363212	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	116194	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	

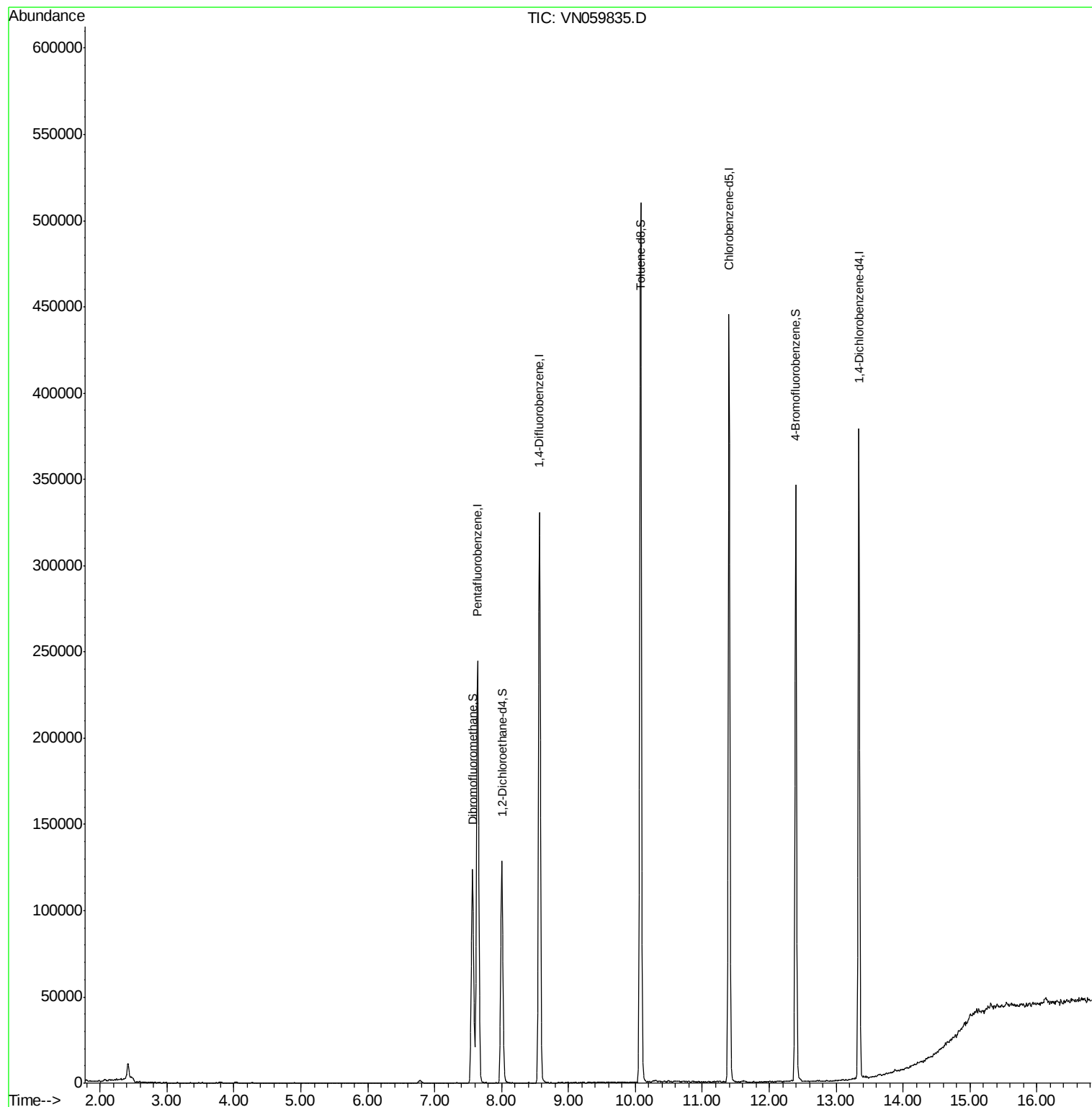
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059835.D

Acq: 24 Jan 2020 10:48

Instrument :

MSVOA_N

ClientSampled :

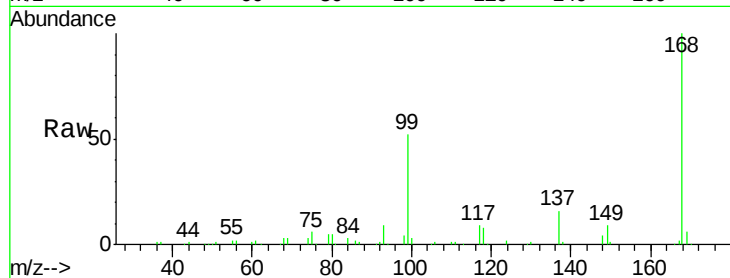
VN0124WBL01

Tot Ion:168 Resp: 209157

Ion Ratio Lower Upper

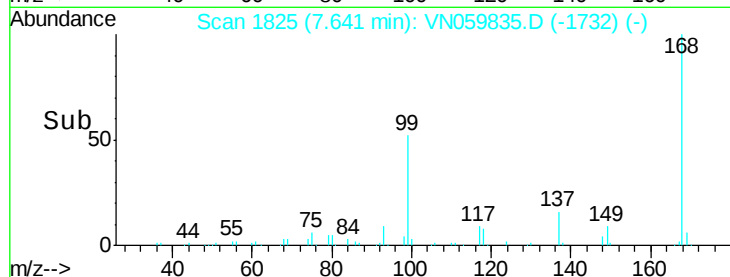
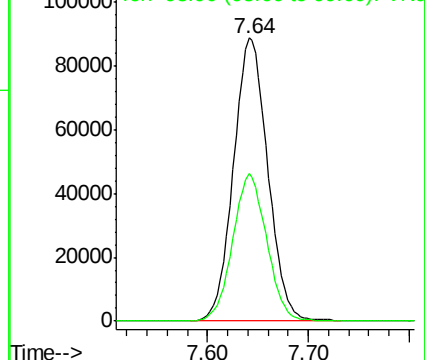
168 100

99 52.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 47.396 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059835.D

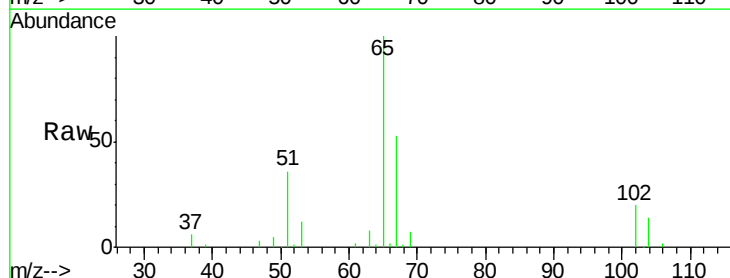
Acq: 24 Jan 2020 10:48

Tgt Ion: 65 Resp: 110089

Ion Ratio Lower Upper

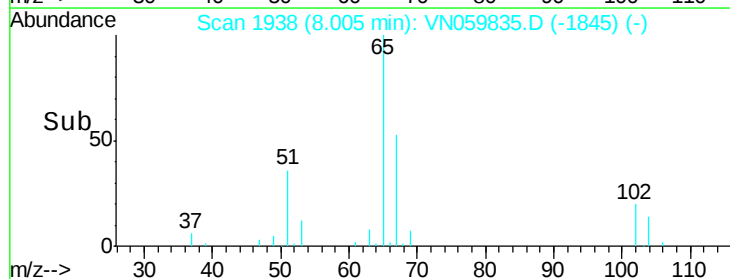
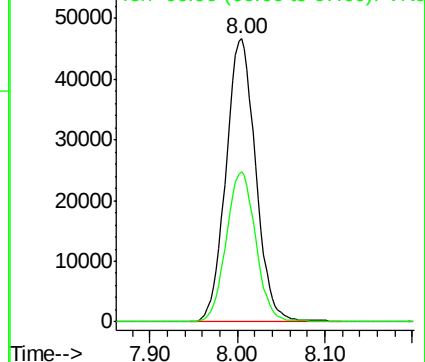
65 100

67 52.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

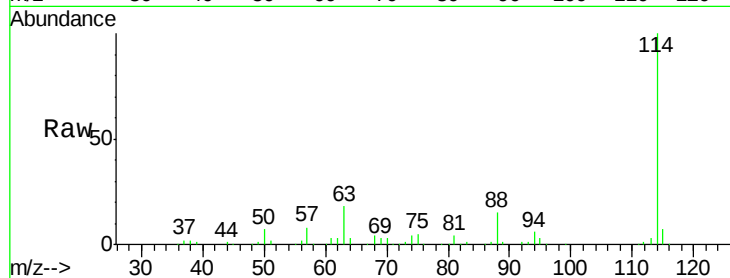




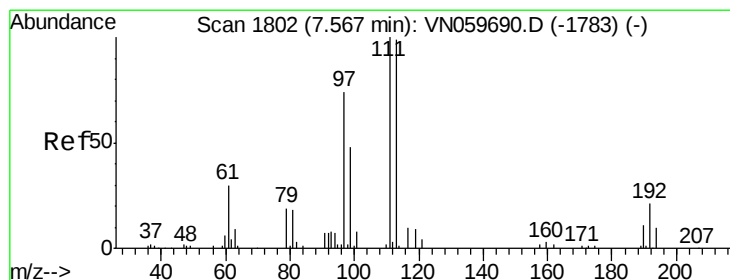
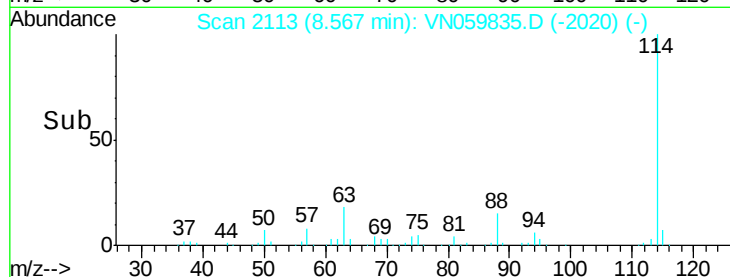
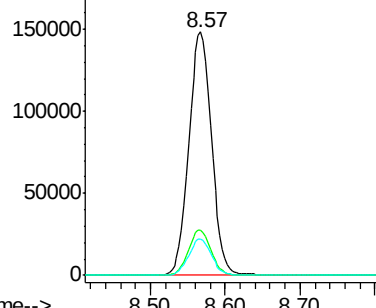
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059835.D
 Acq: 24 Jan 2020 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124WBL01

Tot Ion:114 Resp: 313014
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.6
 88 15.0 0.0 31.4

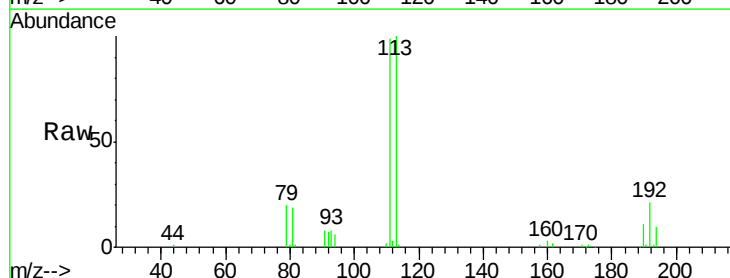


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

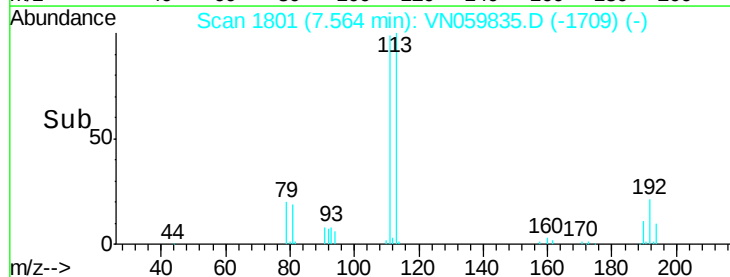
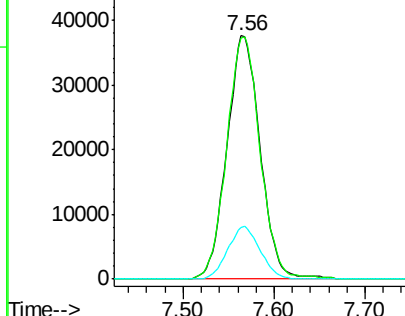


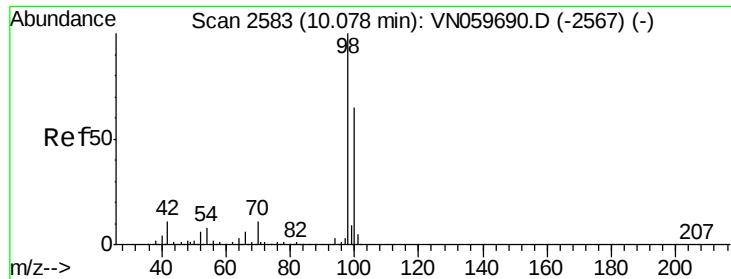
#35
 Dibromofluoromethane
 Concen: 51.110 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059835.D
 Acq: 24 Jan 2020 10:48

Tgt Ion:113 Resp: 95404
 Ion Ratio Lower Upper
 113 100
 111 99.4 83.5 125.3
 192 20.9 15.4 23.2



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: 50.221 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059835.D

Acq: 24 Jan 2020 10:48

Instrument :

MSVOA_N

ClientSampled :

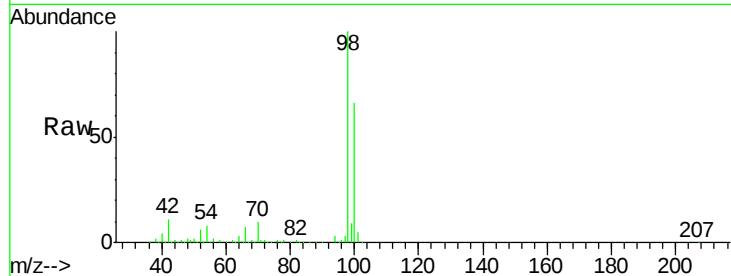
VN0124WBL01

Tot Ion: 98 Resp: 363212

Ion Ratio Lower Upper

98 100

100 65.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059835.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059835.D (-2490) (-)

10.08

200000

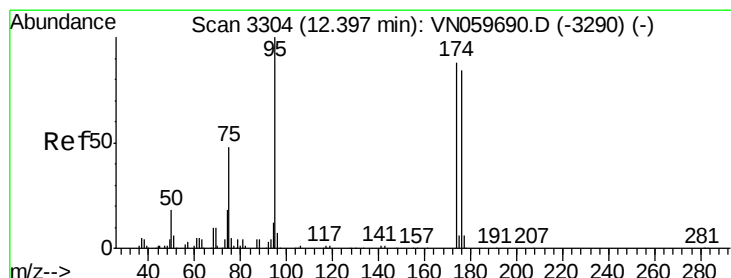
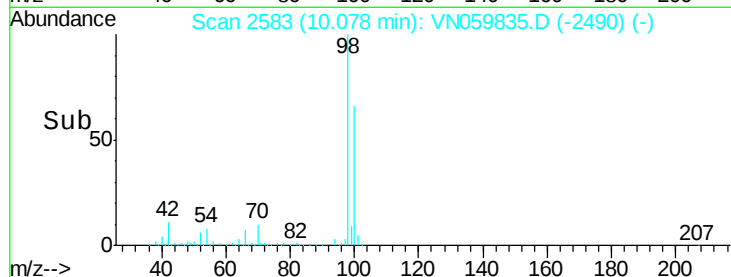
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.566 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059835.D

Acq: 24 Jan 2020 10:48

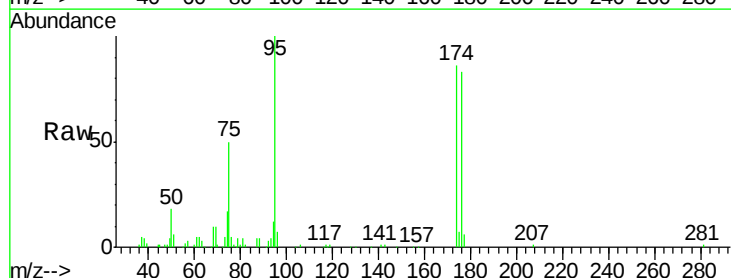
Tgt Ion: 95 Resp: 116194

Ion Ratio Lower Upper

95 100

174 87.9 0.0 151.4

176 84.6 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059835.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059835.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059835.D (-3211) (-)

12.40

80000

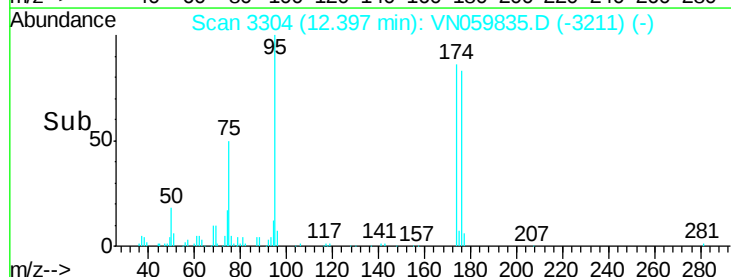
60000

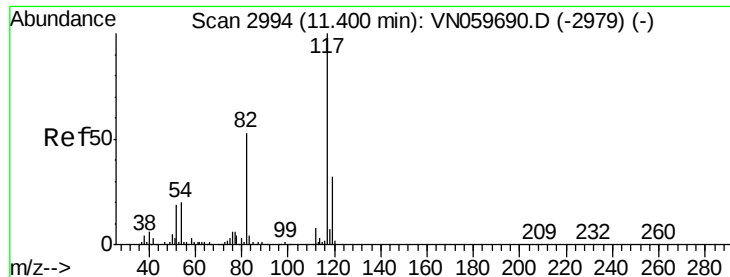
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059835.D

Acq: 24 Jan 2020 10:48

Instrument :

MSVOA_N

ClientSampleId :

VN0124WBL01

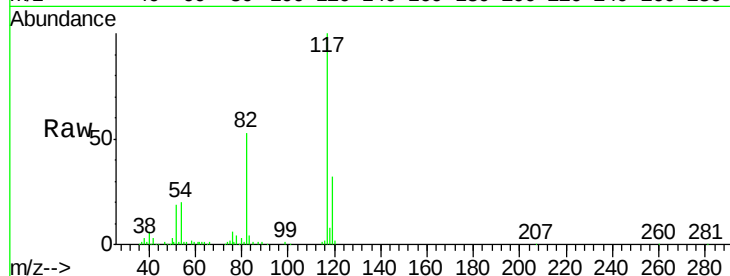
Tot Ion:117 Resp: 267567

Ion Ratio Lower Upper

117 100

82 52.6 45.9 68.9

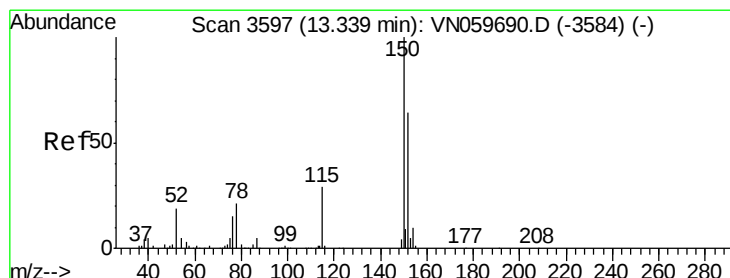
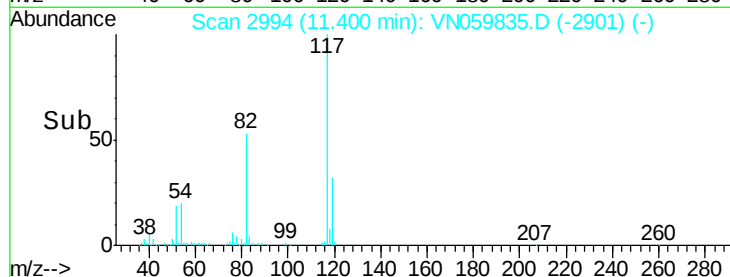
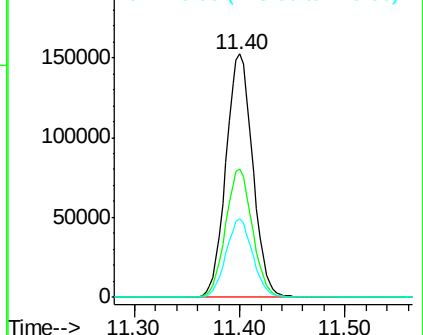
119 32.0 25.5 38.3



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: VN059835.D

Acq: 24 Jan 2020 10:48

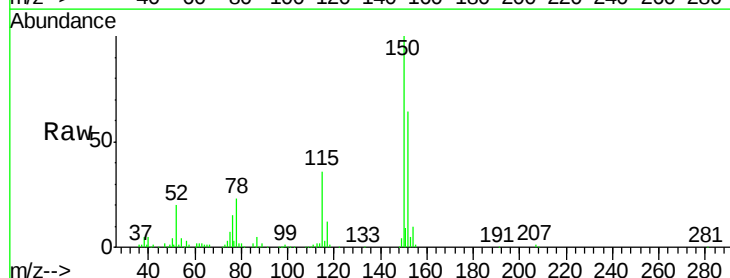
Tgt Ion:152 Resp: 104099

Ion Ratio Lower Upper

152 100

115 56.2 30.3 90.9

150 156.2 0.0 345.2



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

