

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065011.D
 Acq On : 9 Dec 2020 11:13
 Operator : JC/MD
 Sample : VN1209WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBL01

Quant Time: Dec 10 04:21:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	167853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	309131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130271	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	106975	54.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.64%	
35) Dibromofluoromethane		7.54	113	100914	53.79	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.58%	
50) Toluene-d8		10.05	98	378046	49.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.64%	
62) 4-Bromofluorobenzene		12.37	95	137231	50.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.06%	

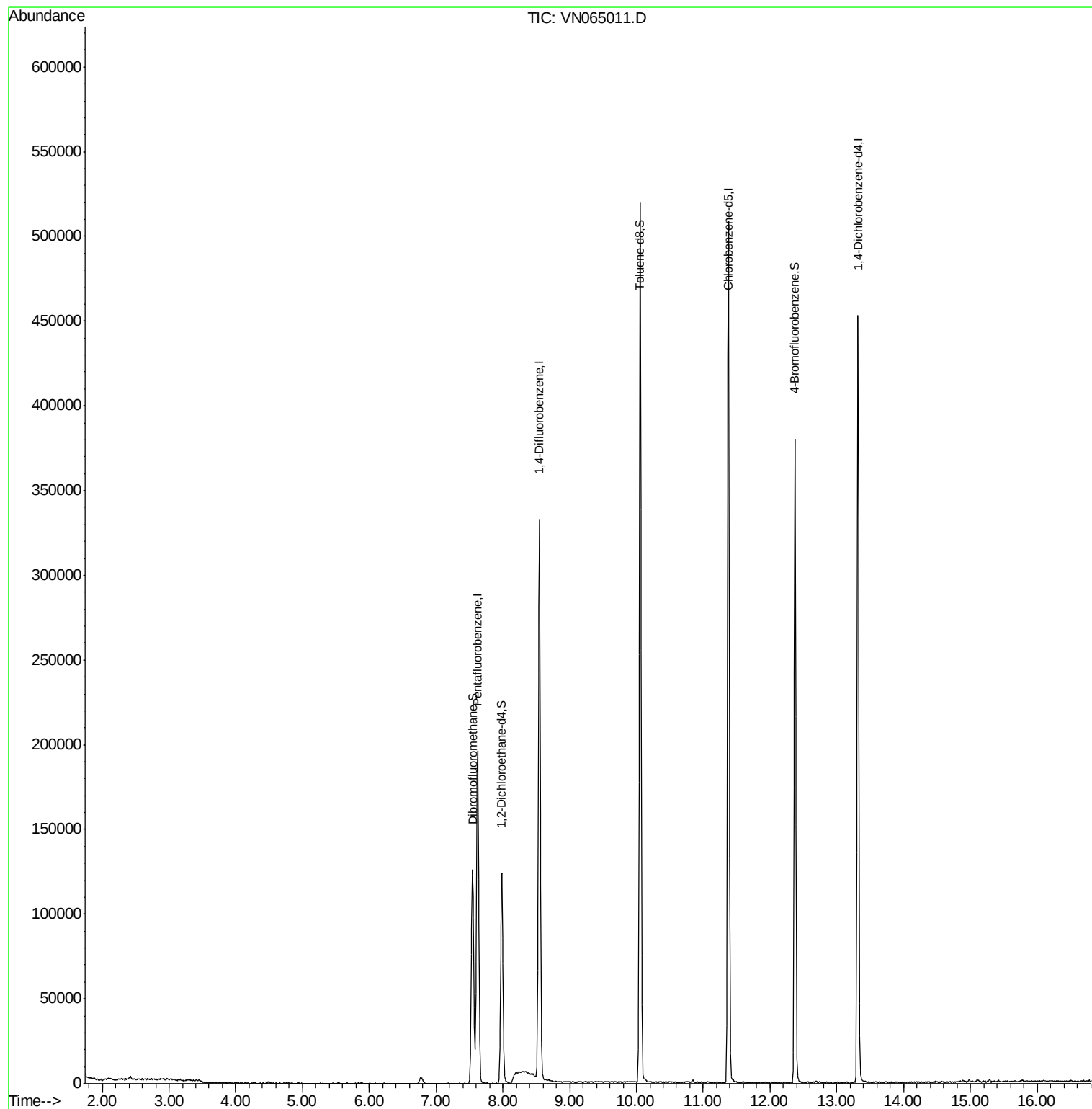
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN065011.D

Acq: 9 Dec 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

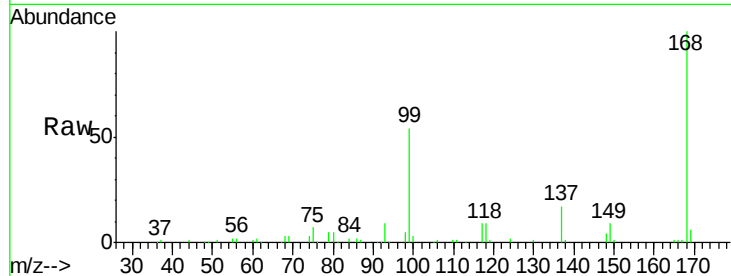
VN1209WBL01

Tot Ion:168 Resp: 167853

Ion Ratio Lower Upper

168 100

99 54.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

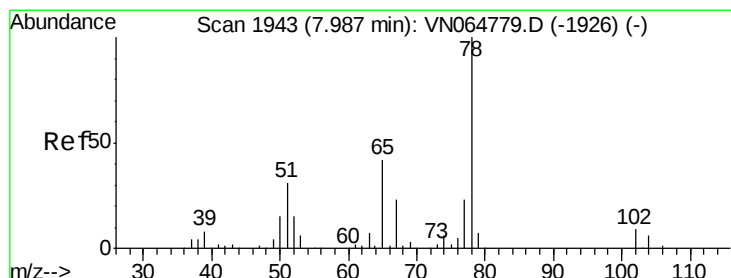
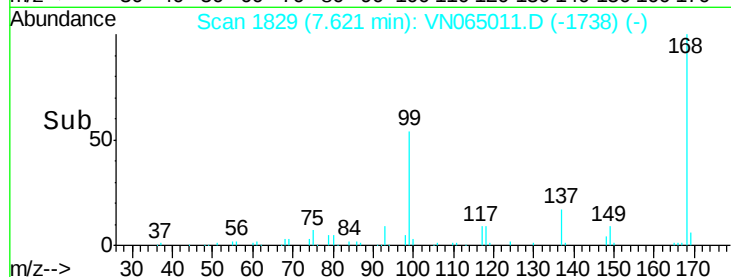
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 54.820 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN065011.D

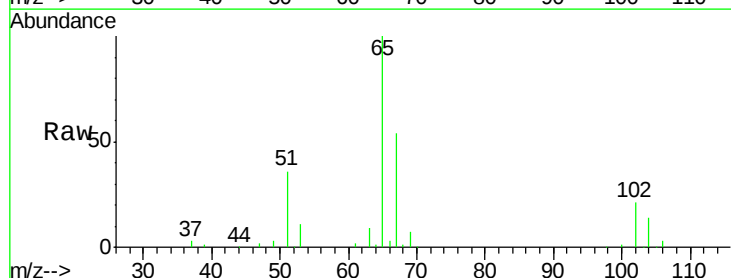
Acq: 9 Dec 2020 11:13

Tgt Ion: 65 Resp: 106975

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.98

50000

40000

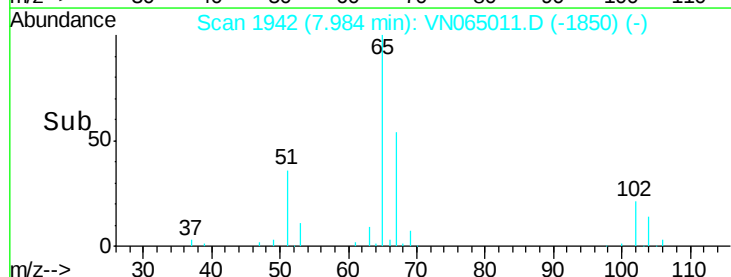
30000

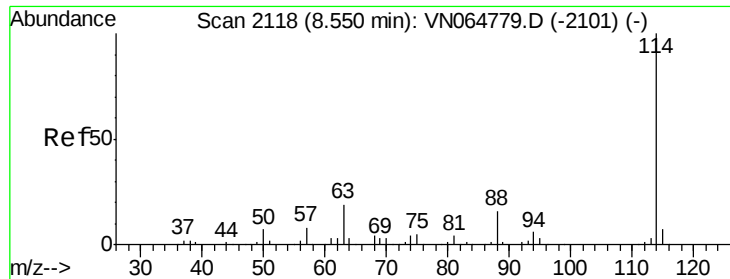
20000

10000

0

Time--> 7.90 8.00 8.10

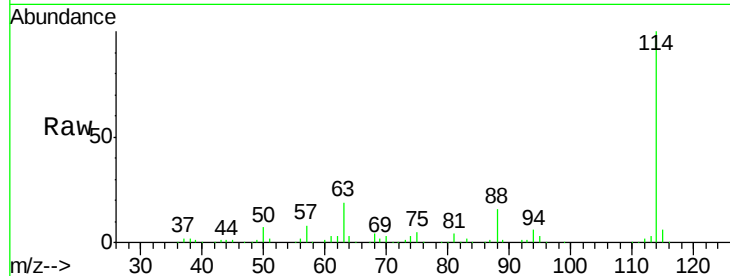




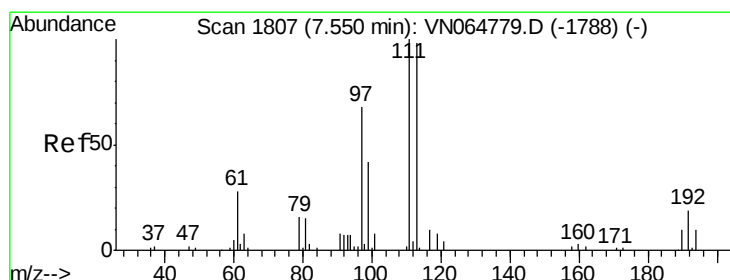
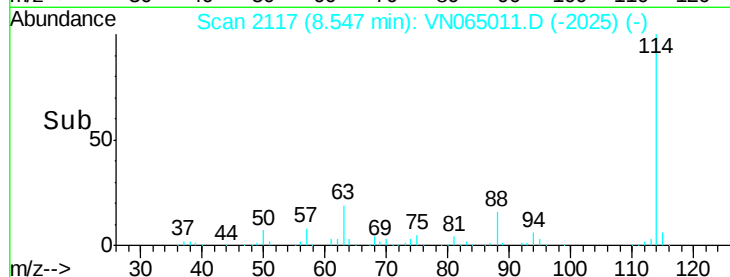
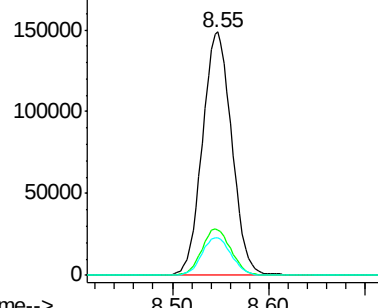
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN065011.D
 Acq: 9 Dec 2020 11:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBL01

Tot Ion:114 Resp: 313521
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 15.6 0.0 32.6

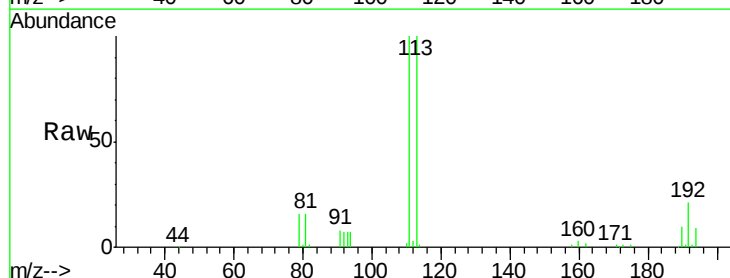


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

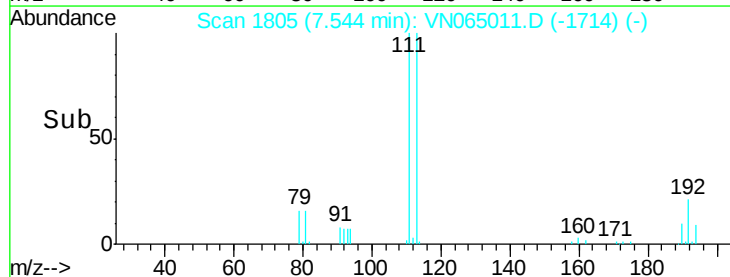
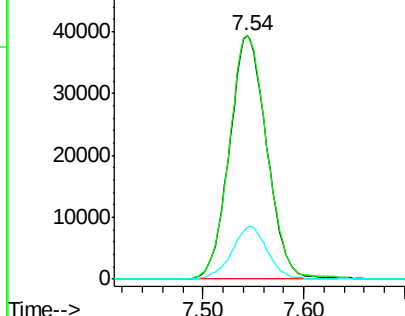


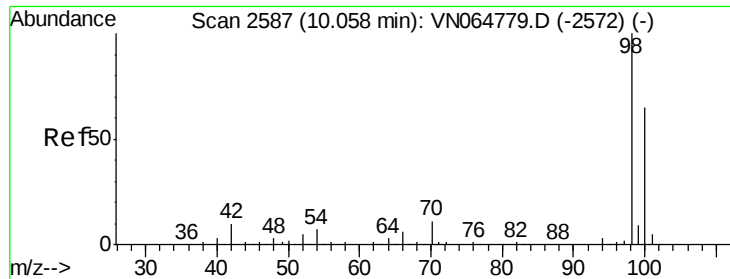
#35
 Dibromofluoromethane
 Concen: 53.792 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: VN065011.D
 Acq: 9 Dec 2020 11:13

Tgt Ion:113 Resp: 100914
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.6 122.4
 192 20.5 16.2 24.2



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: 49.320 ug/l

RT: 10.05 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN065011.D

Acq: 9 Dec 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

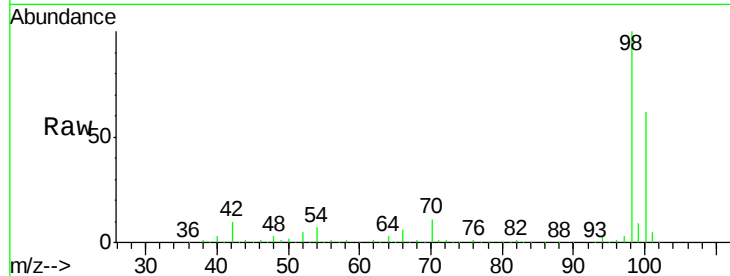
VN1209WBL01

Tot Ion: 98 Resp: 378046

Ion Ratio Lower Upper

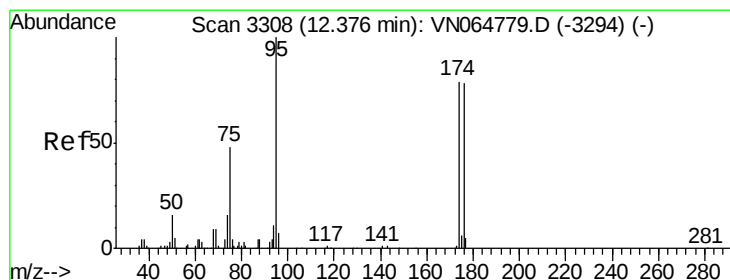
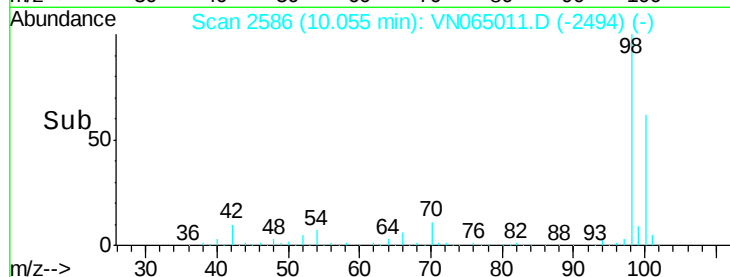
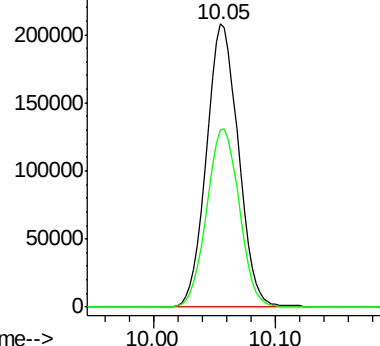
98 100

100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)



#62

4-Bromofluorobenzene

Concen: 50.025 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN065011.D

Acq: 9 Dec 2020 11:13

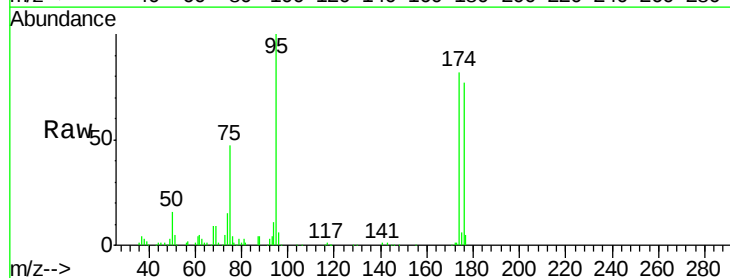
Tgt Ion: 95 Resp: 137231

Ion Ratio Lower Upper

95 100

174 82.9 0.0 160.4

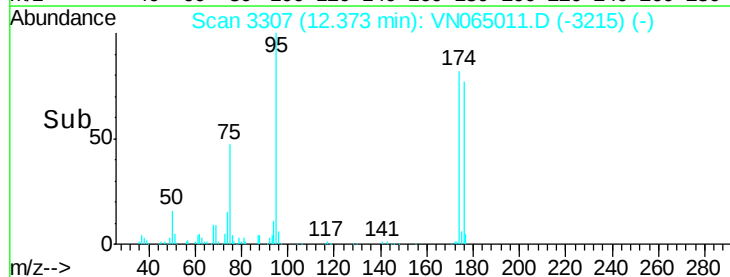
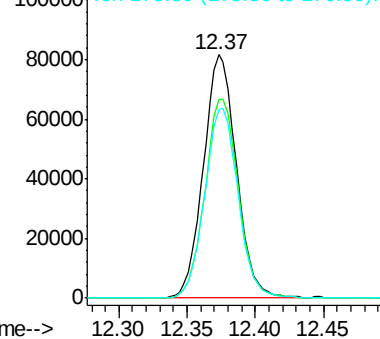
176 79.0 0.0 158.4

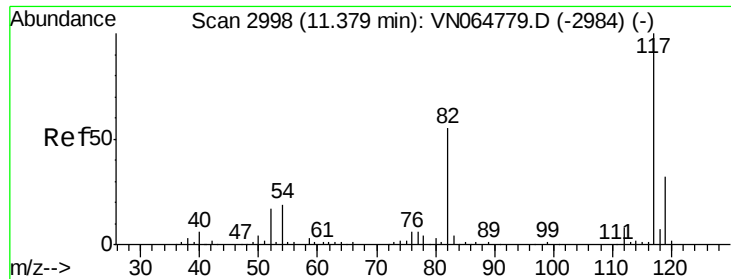


Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN065011.D

Acq: 9 Dec 2020 11:13

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBL01

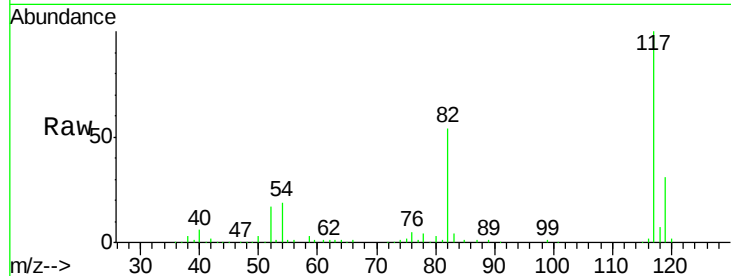
Tot Ion:117 Resp: 309131

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

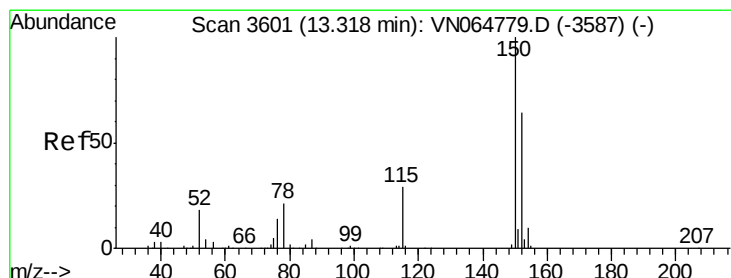
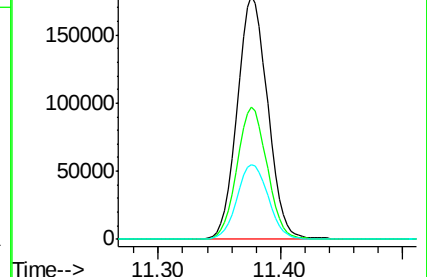
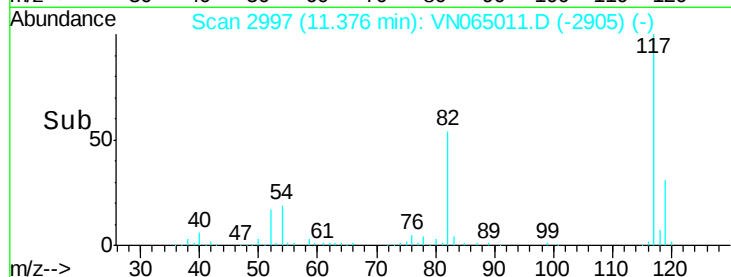
119 30.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN065011.D

Acq: 9 Dec 2020 11:13

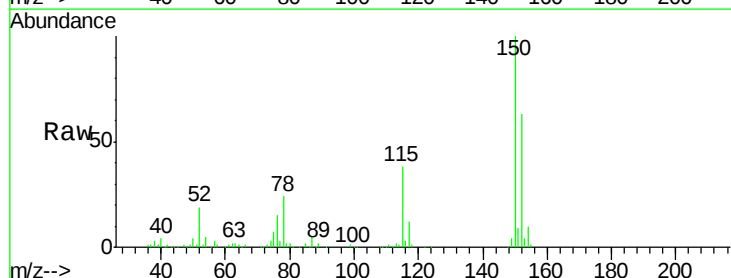
Tgt Ion:152 Resp: 130271

Ion Ratio Lower Upper

152 100

115 59.3 29.7 89.1

150 158.2 0.0 350.6



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

