

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064936.D
 Acq On : 7 Dec 2020 11:30
 Operator : JC/MD
 Sample : VN1207WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBL01

Quant Time: Dec 08 07:24:06 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	173033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	306601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	321031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139925	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	106645	53.01	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.02%	
35) Dibromofluoromethane		7.55	113	99376	54.17	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.34%	
50) Toluene-d8		10.06	98	381793	50.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.86%	
62) 4-Bromofluorobenzene		12.38	95	146565	54.63	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.26%	

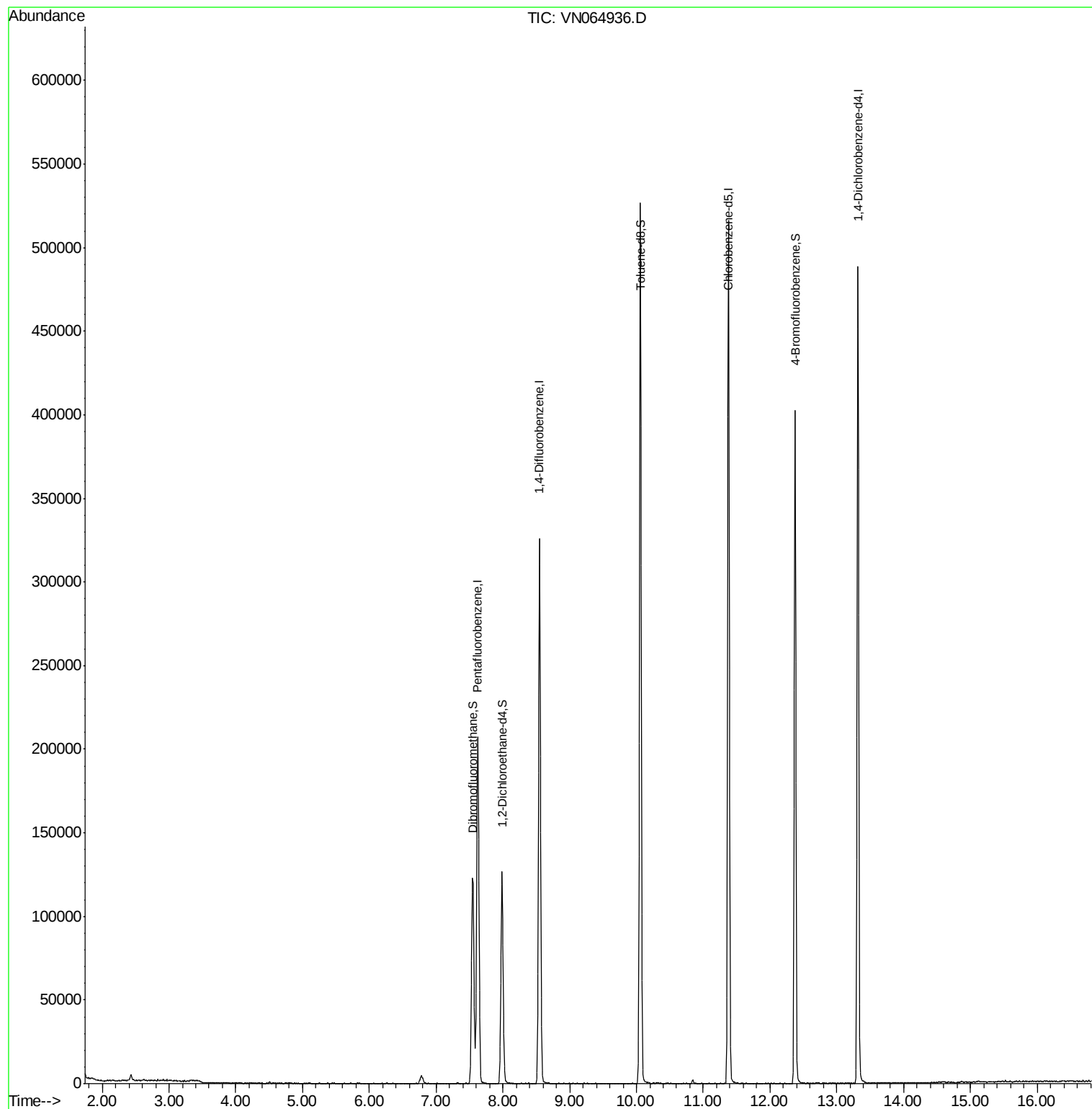
Target Compounds	Qvalue
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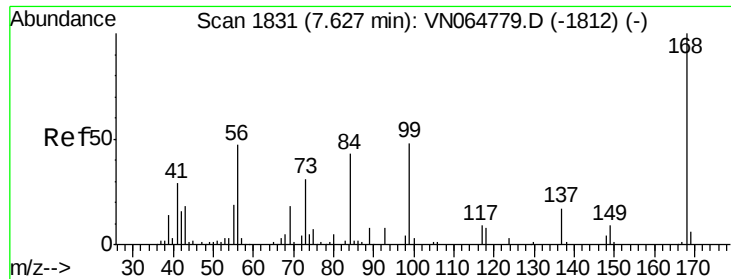
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064936.D

Acq: 7 Dec 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

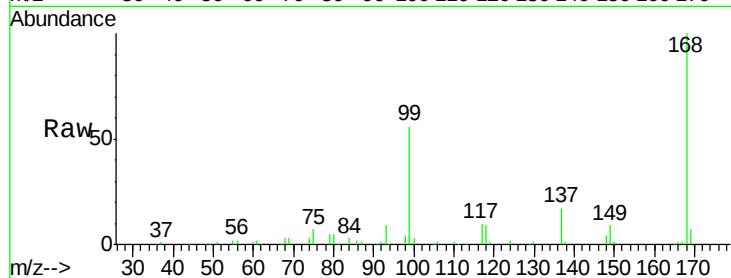
VN1207WBL01

Tot Ion:168 Resp: 173033

Ion Ratio Lower Upper

168 100

99 55.9 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

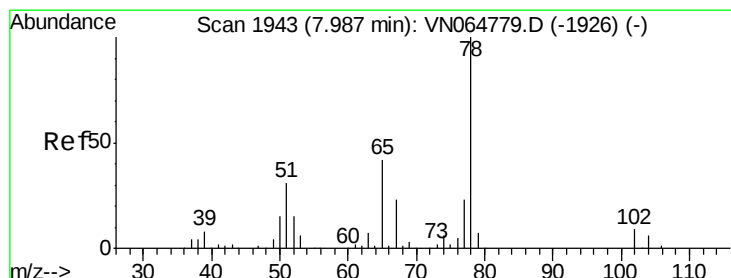
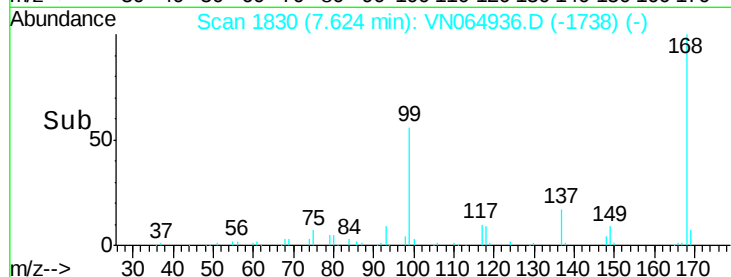
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.014 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064936.D

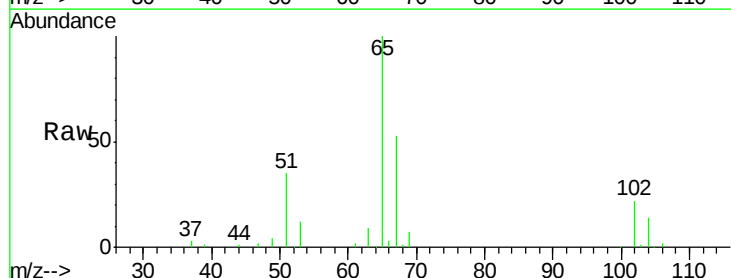
Acq: 7 Dec 2020 11:30

Tgt Ion: 65 Resp: 106645

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

50000

40000

30000

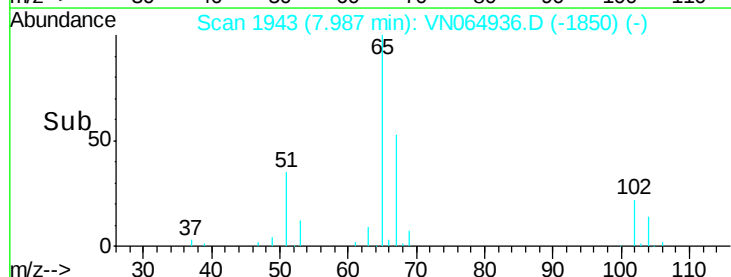
20000

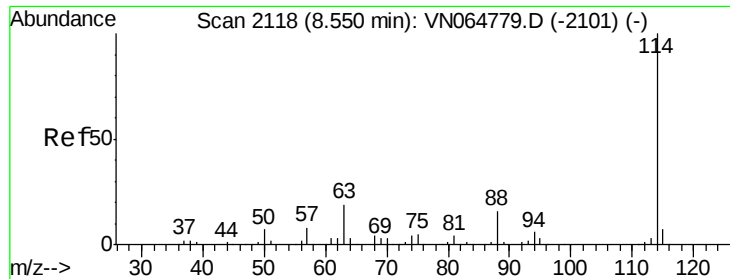
10000

0

7.90 7.95 8.00 8.05

Time-->

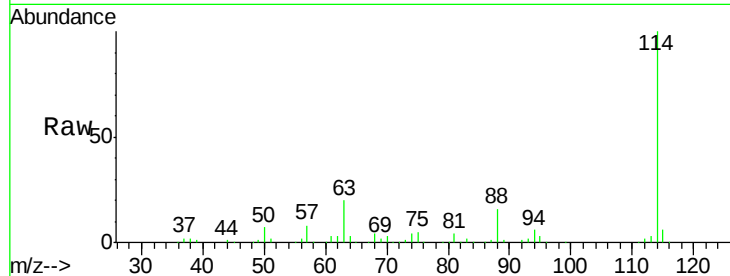




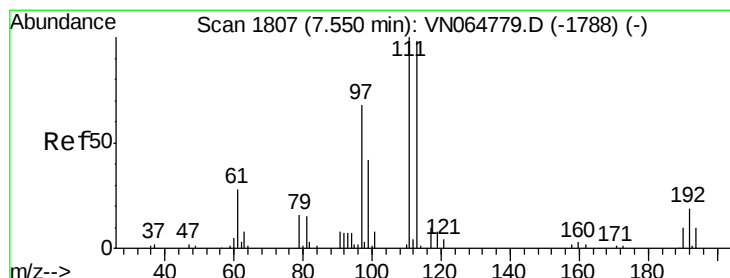
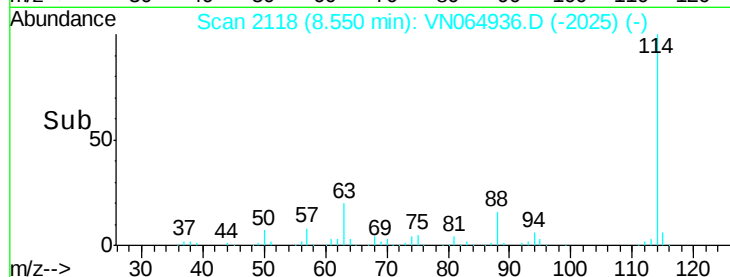
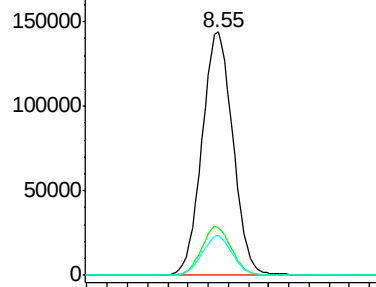
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064936.D
 Acq: 7 Dec 2020 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBL01

Tot Ion:114 Resp: 306601
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 16.3 0.0 32.6

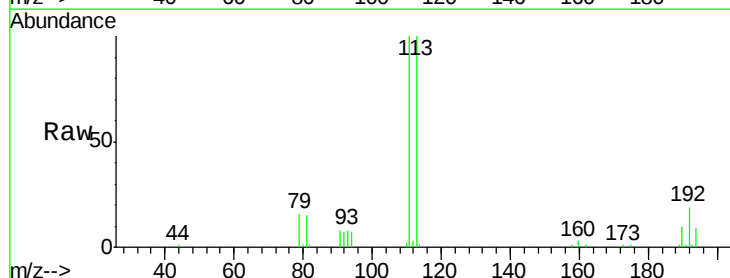


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

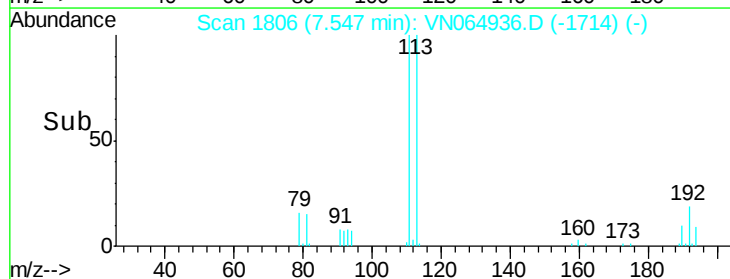
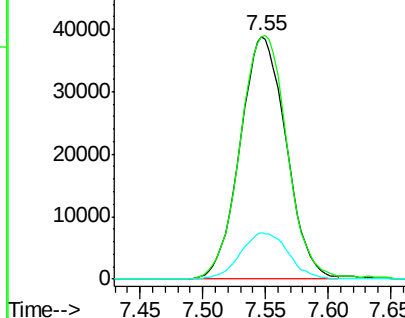


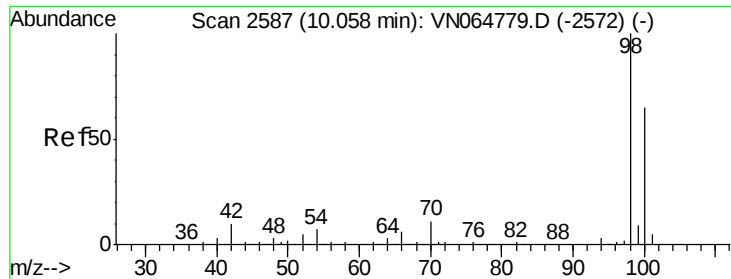
#35
 Dibromofluoromethane
 Concen: 54.168 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064936.D
 Acq: 7 Dec 2020 11:30

Tgt Ion:113 Resp: 99376
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.6 122.4
 192 19.7 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: 50.933 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064936.D

Acq: 7 Dec 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

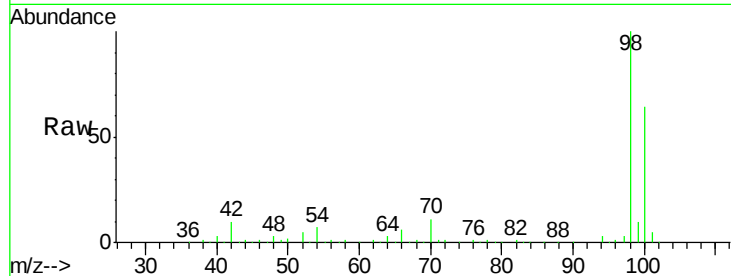
VN1207WBL01

Tot Ion: 98 Resp: 381793

Ion Ratio Lower Upper

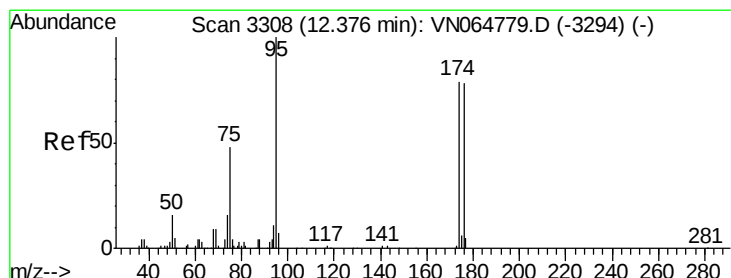
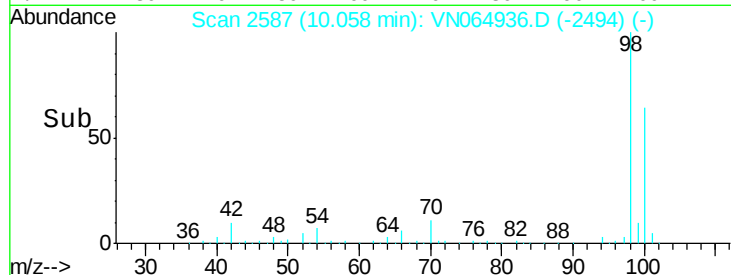
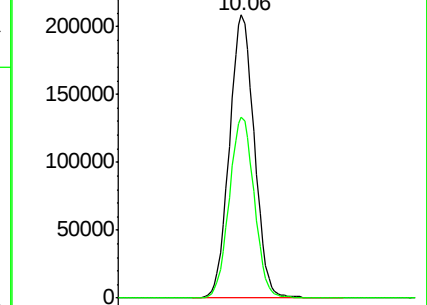
98 100

100 64.1 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: 54.634 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064936.D

Acq: 7 Dec 2020 11:30

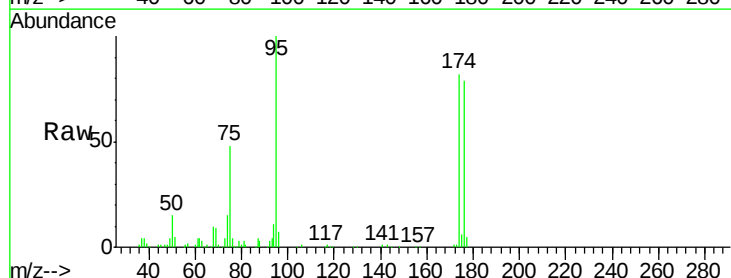
Tgt Ion: 95 Resp: 146565

Ion Ratio Lower Upper

95 100

174 80.8 0.0 160.4

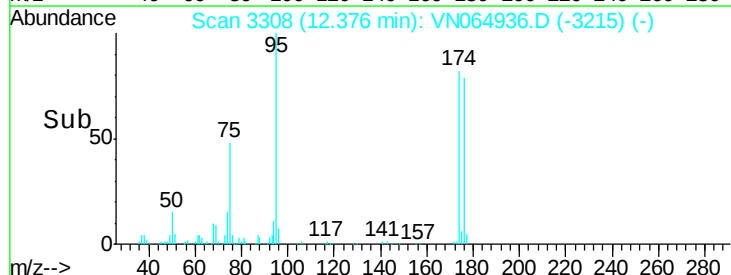
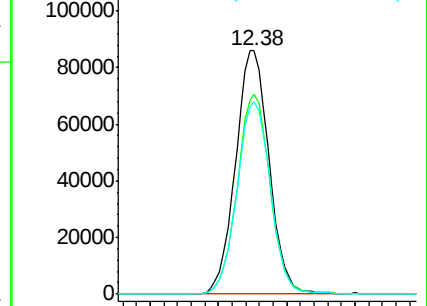
176 79.0 0.0 158.4

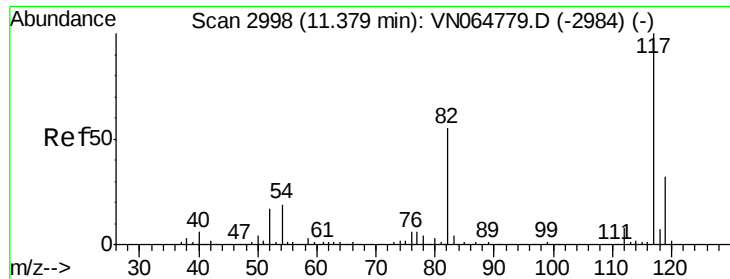


Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

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# 2998

Delta R.T. 0.00 min

Lab File: VN064936.D

Acq: 7 Dec 2020 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBL01

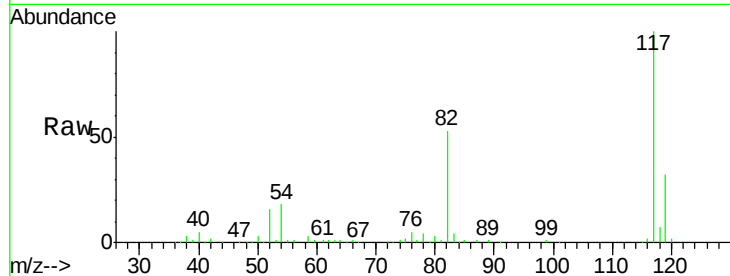
Tot Ion:117 Resp: 321031

Ion Ratio Lower Upper

117 100

82 52.7 44.2 66.2

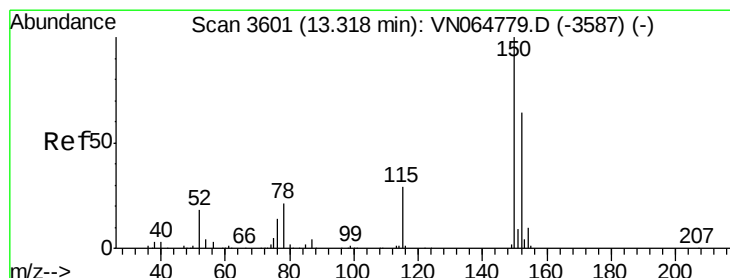
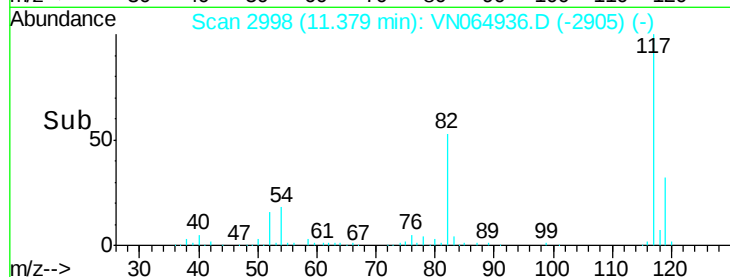
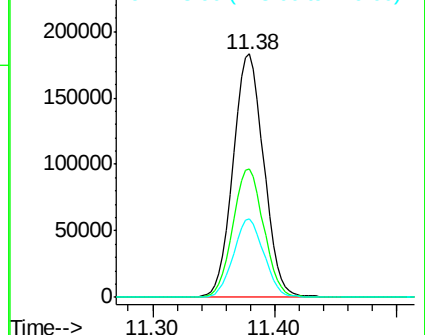
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN064936.D

Acq: 7 Dec 2020 11:30

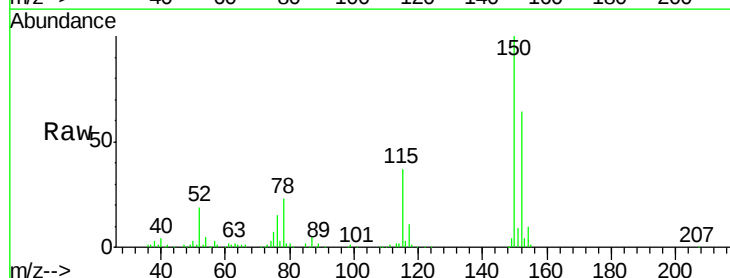
Tgt Ion:152 Resp: 139925

Ion Ratio Lower Upper

152 100

115 57.6 29.7 89.1

150 157.8 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

