

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064825.D
 Acq On : 24 Nov 2020 21:53
 Operator : JC/MD
 Sample : VN1124WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBL02

Quant Time: Nov 25 05:41:24 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	163130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	292883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	298196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138257	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	101011	53.26	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	106.52%	
35) Dibromofluoromethane	7.55	113	92289	52.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	105.32%	
50) Toluene-d8	10.06	98	362009	50.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.37	95	142595	55.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	111.28%	

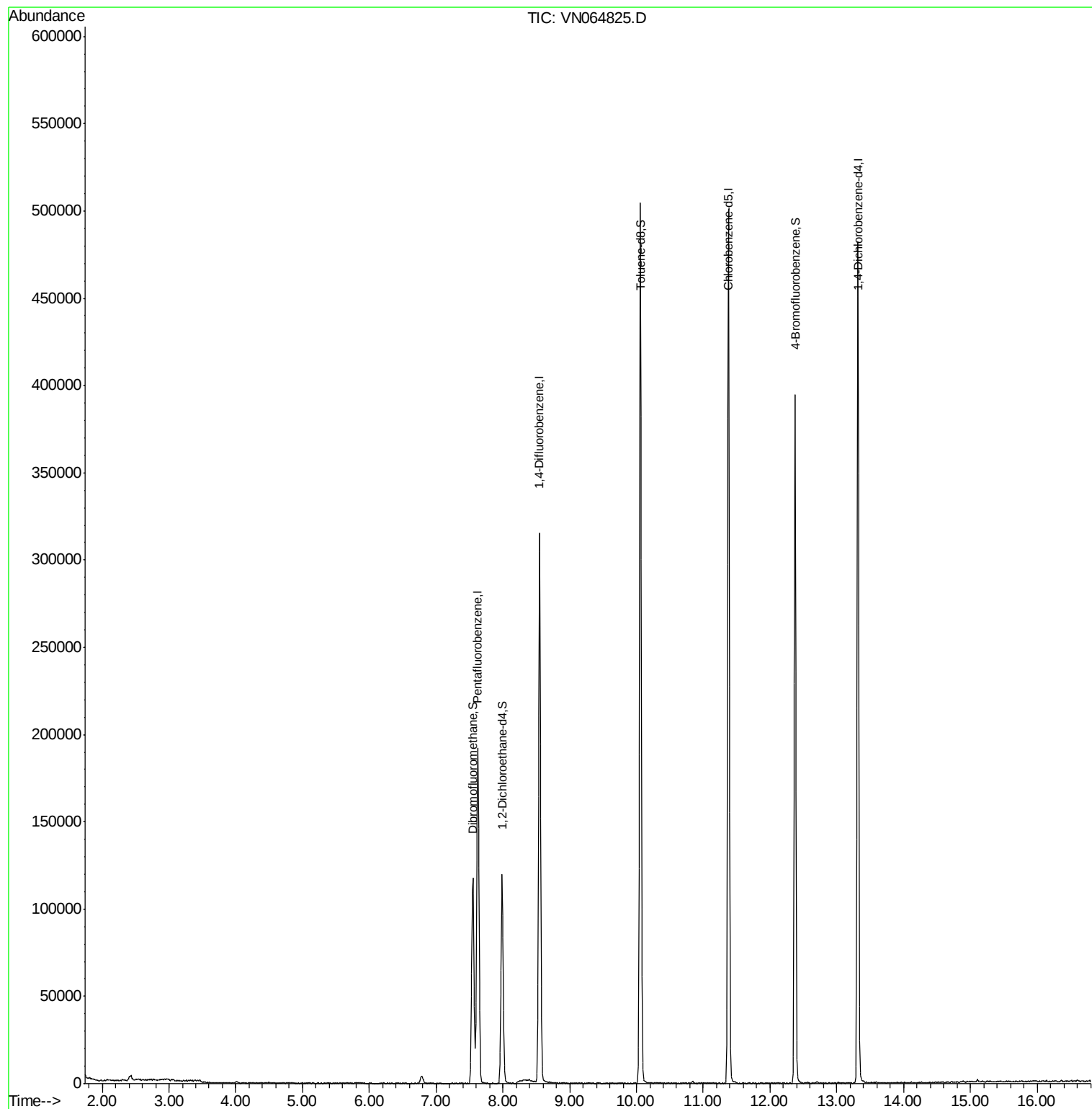
Target Compounds	Qvalue

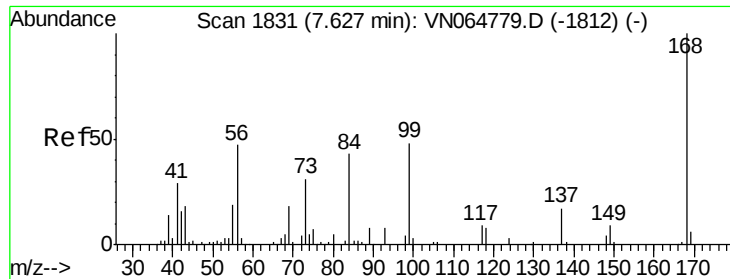
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064825.D

Acq: 24 Nov 2020 21:53

Instrument :

MSVOA_N

ClientSampleId :

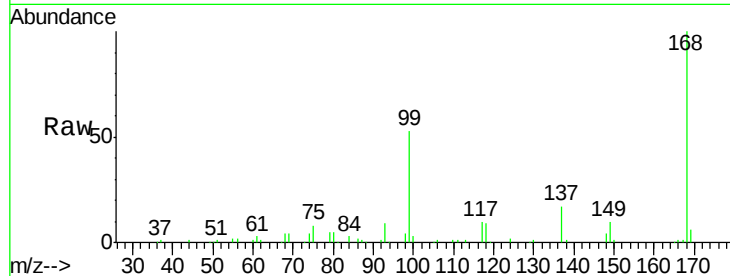
VN1124WBL02

Tot Ion:168 Resp: 163130

Ion Ratio Lower Upper

168 100

99 53.4 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

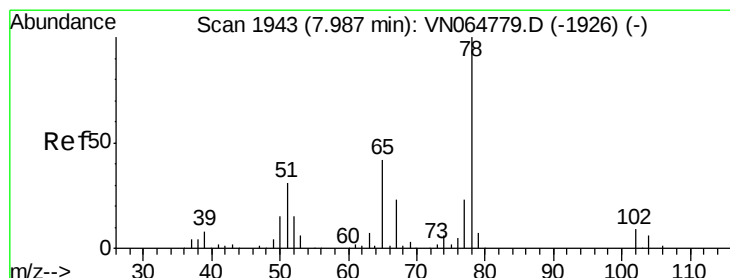
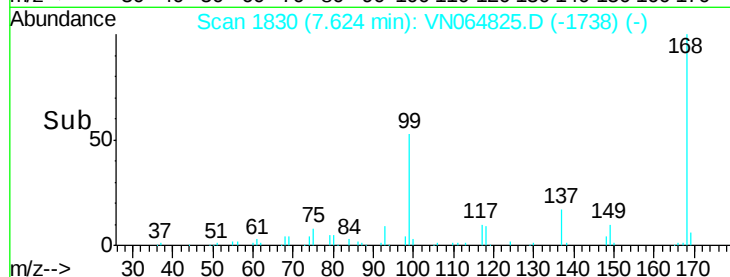
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 53.262 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064825.D

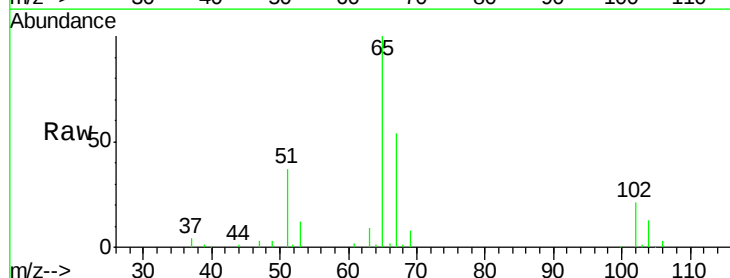
Acq: 24 Nov 2020 21:53

Tgt Ion: 65 Resp: 101011

Ion Ratio Lower Upper

65 100

67 53.5 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

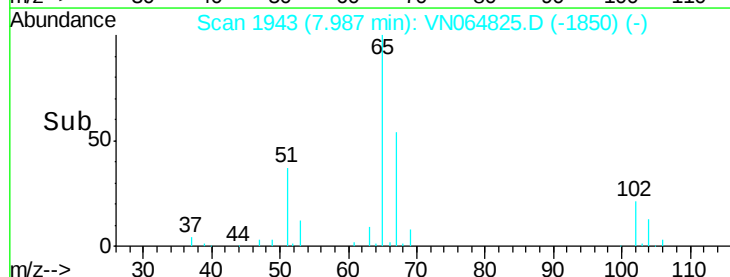
30000

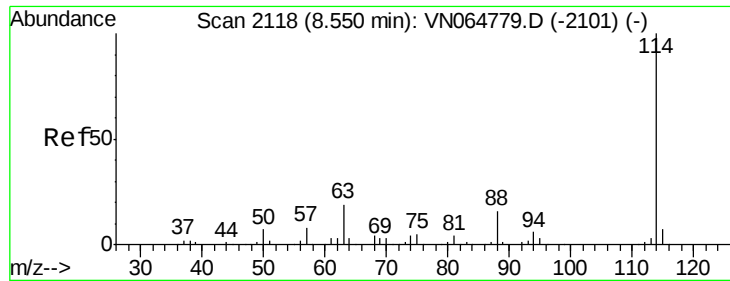
20000

10000

0

Time--> 7.90 7.95 8.00 8.05 8.10

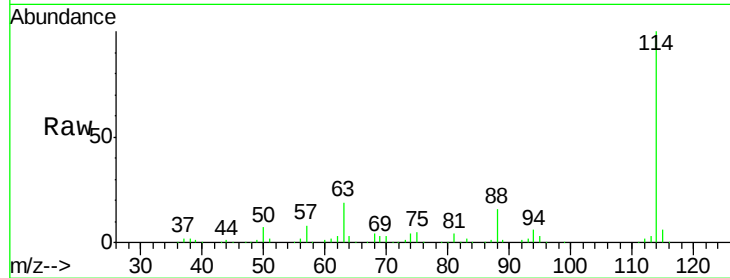




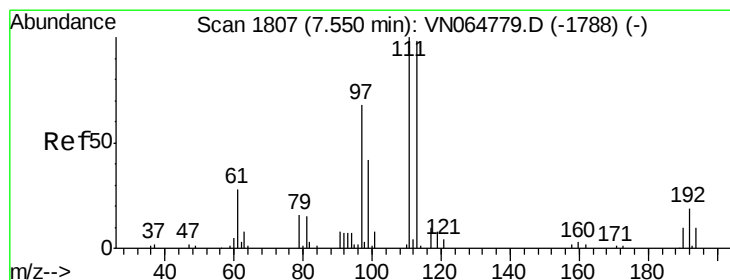
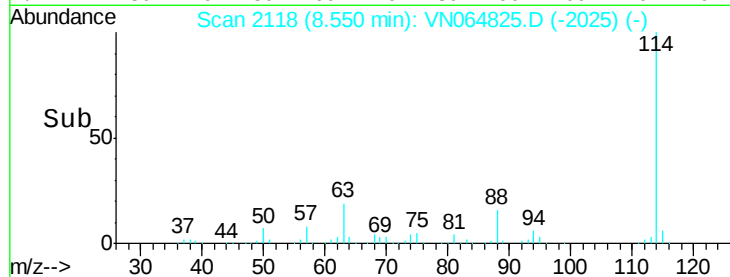
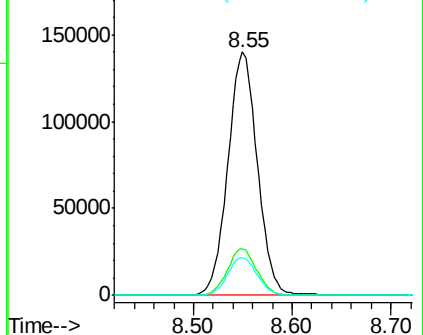
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064825.D
 Acq: 24 Nov 2020 21:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBL02

Tot Ion:114 Resp: 292883
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.6 0.0 32.6

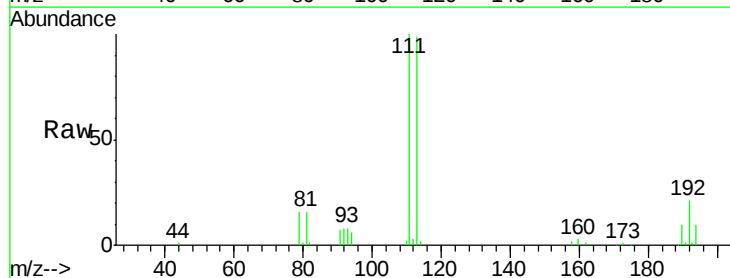


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

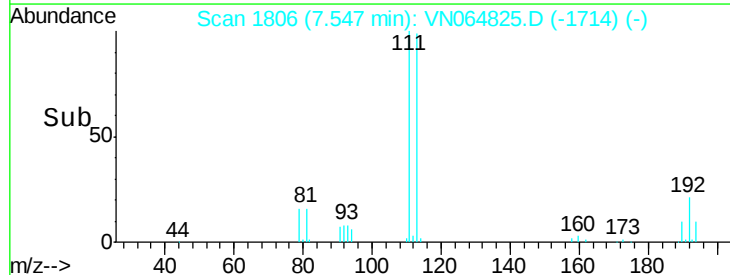
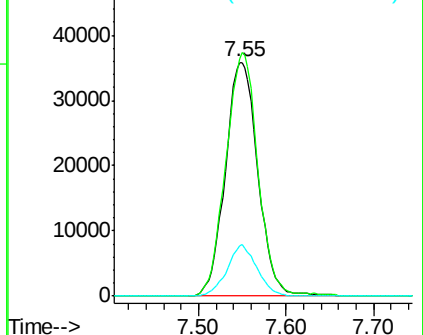


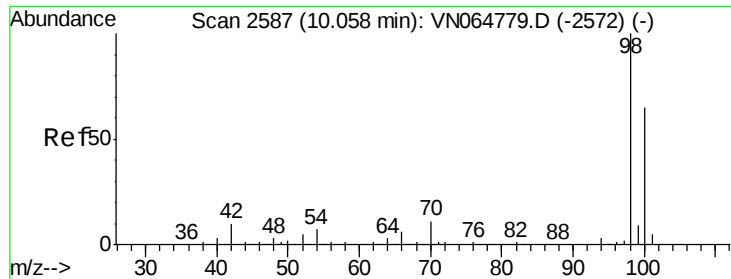
#35
 Dibromofluoromethane
 Concen: 52.661 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064825.D
 Acq: 24 Nov 2020 21:53

Tgt Ion:113 Resp: 92289
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.6 122.4
 192 20.2 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: 50.555 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064825.D

Acq: 24 Nov 2020 21:53

Instrument :

MSVOA_N

ClientSampleId :

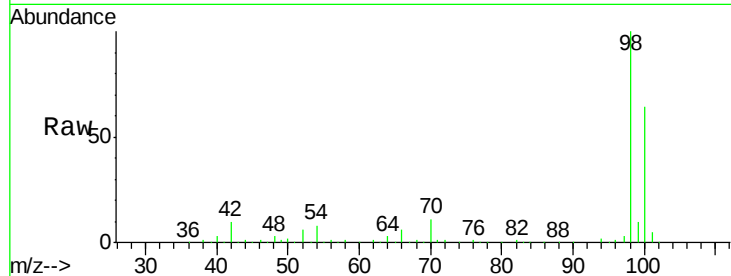
VN1124WBL02

Tot Ion: 98 Resp: 362009

Ion Ratio Lower Upper

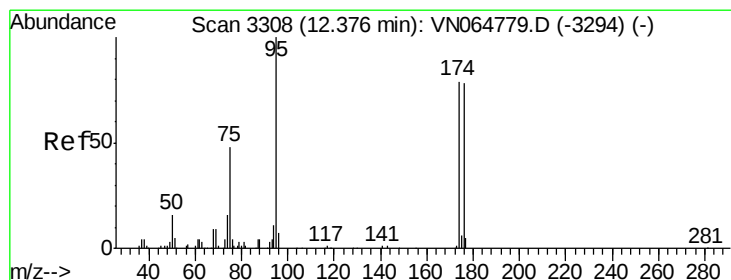
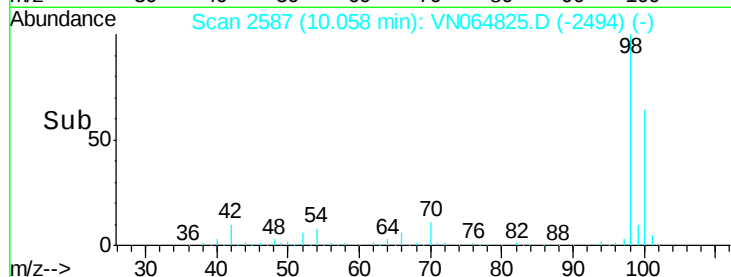
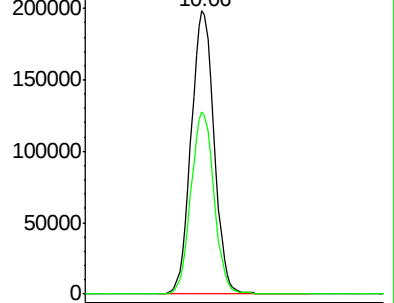
98 100

100 64.5 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: 55.643 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064825.D

Acq: 24 Nov 2020 21:53

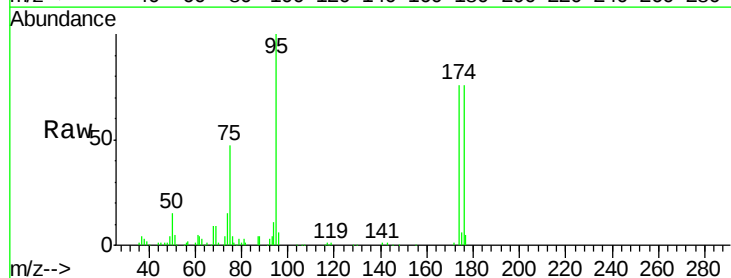
Tgt Ion: 95 Resp: 142595

Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.4

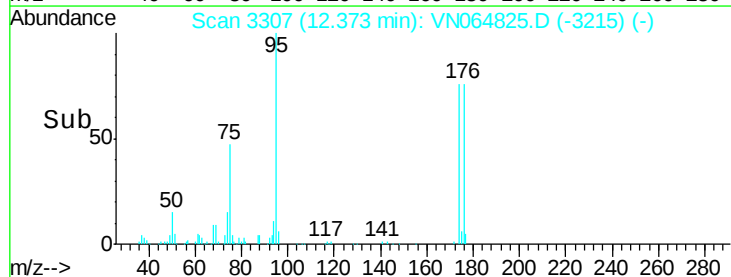
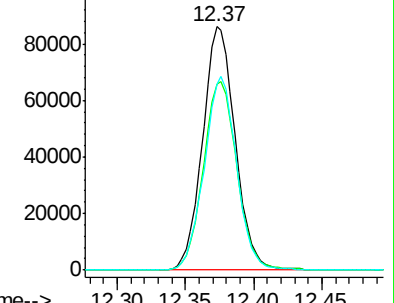
176 79.1 0.0 158.4

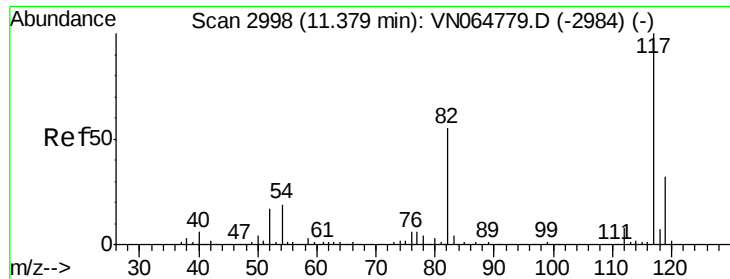


Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

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: VN064825.D

Acq: 24 Nov 2020 21:53

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBL02

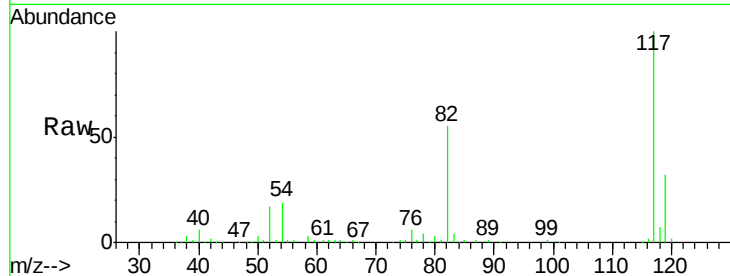
Tot Ion:117 Resp: 298196

Ion Ratio Lower Upper

117 100

82 54.8 44.2 66.2

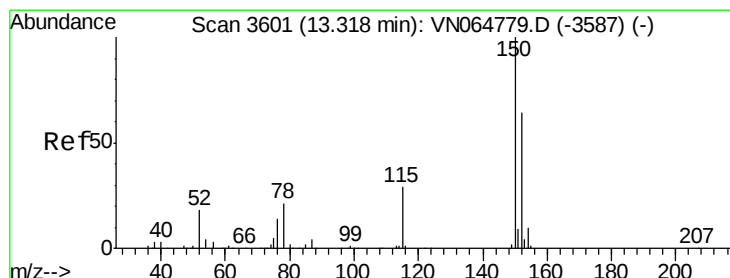
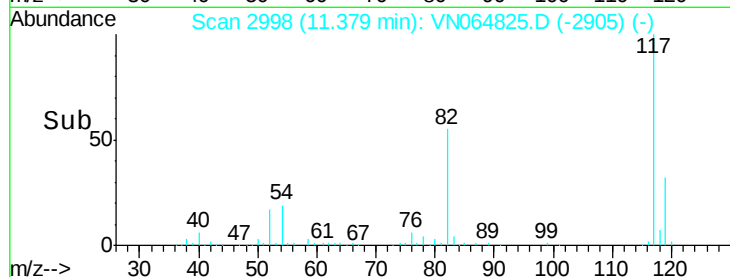
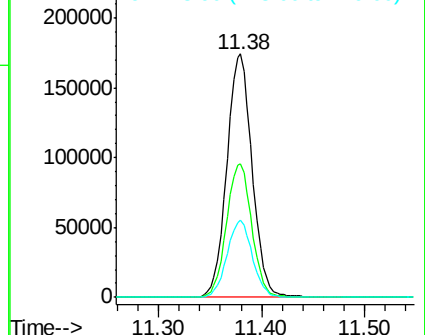
119 31.7 25.8 38.6



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: VN064825.D

Acq: 24 Nov 2020 21:53

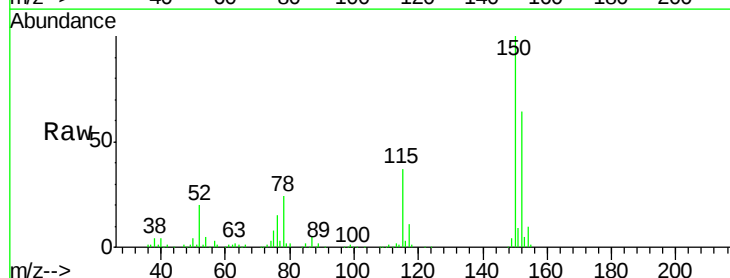
Tgt Ion:152 Resp: 138257

Ion Ratio Lower Upper

152 100

115 58.0 29.7 89.1

150 155.2 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

