

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064373.D
 Acq On : 29 Oct 2020 14:58
 Operator : JC/MD
 Sample : PB132691TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132691TB

Quant Time: Oct 30 07:39:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180873	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	185107	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
35) Dibromofluoromethane	7.55	113	140730	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	10.06	98	514479	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.38	95	226893	56.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.00%	

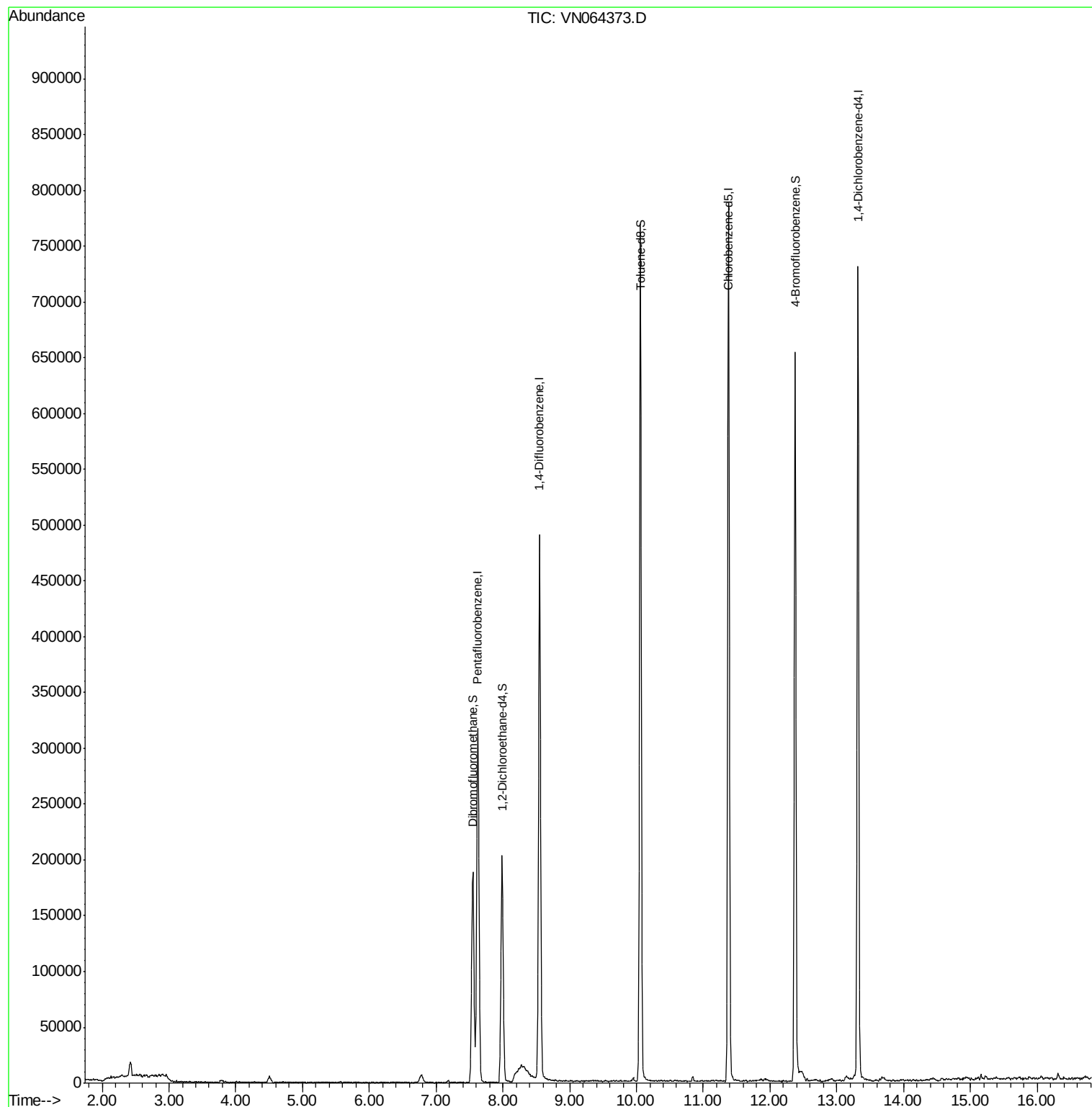
Target Compounds	Qvalue

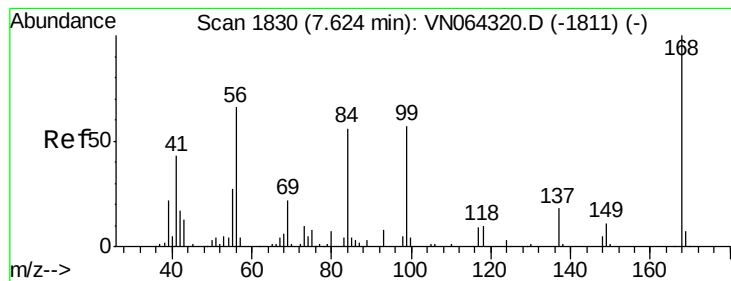
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 27 12:23:17 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064373.D

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Instrument :

MSVOA_N

ClientSampleId :

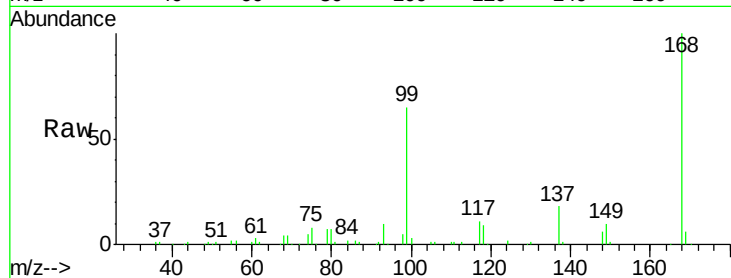
PB132691TB

Tot Ion:168 Resp: 241049

Ion Ratio Lower Upper

168 100

99 64.5 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

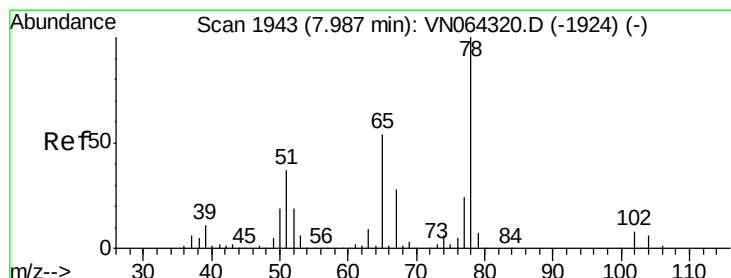
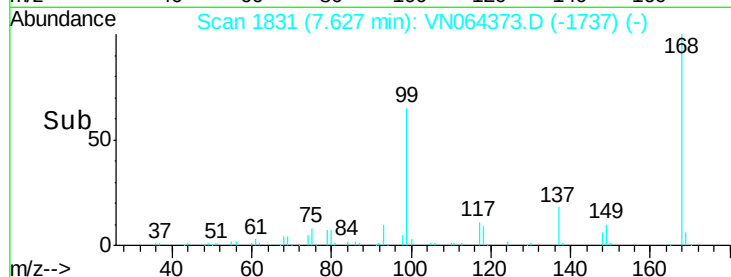
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.787 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064373.D

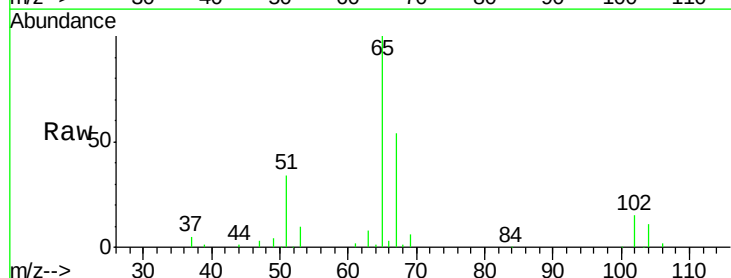
Acq: 29 Oct 2020 14:58

Tgt Ion: 65 Resp: 185107

Ion Ratio Lower Upper

65 100

67 50.8 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

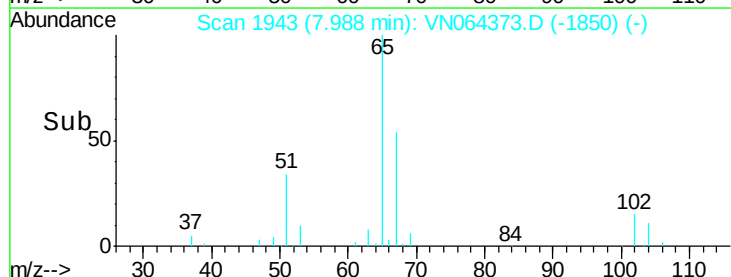
60000

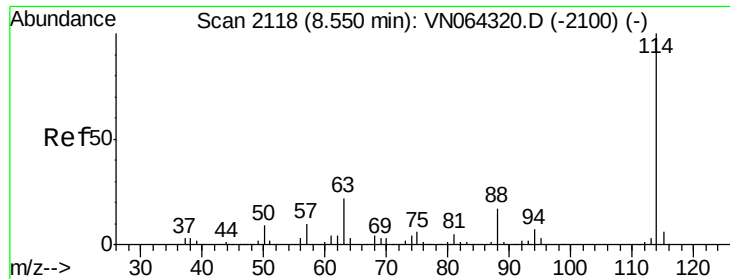
40000

20000

0

Time--> 7.90 8.00 8.10

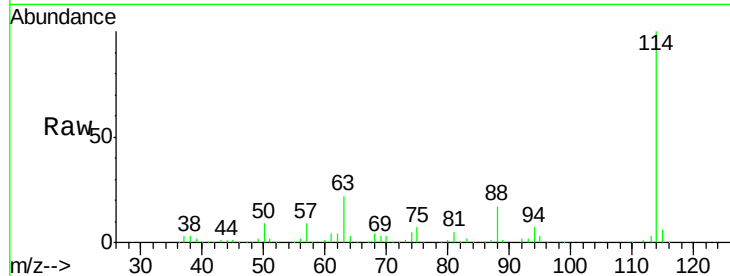




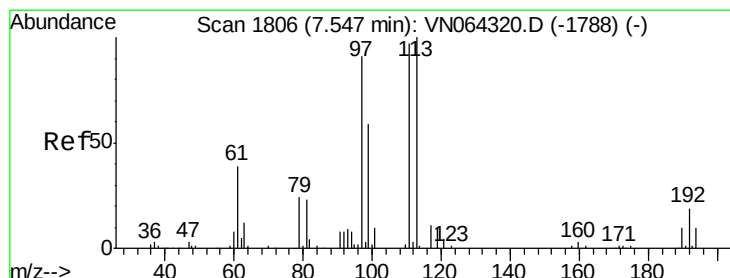
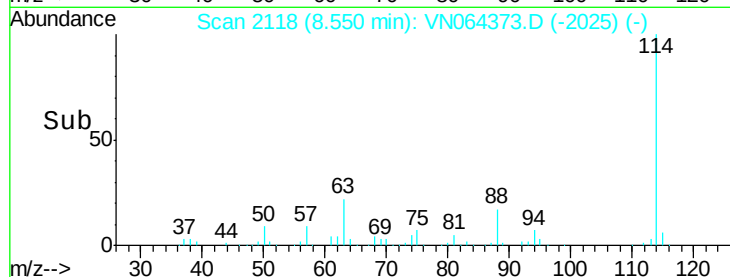
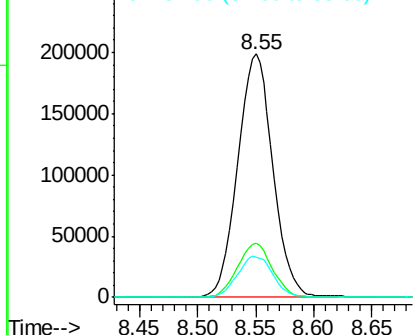
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064373.D
 Acq: 29 Oct 2020 14:58

Instrument :
 MSVOA_N
 ClientSampled :
 PB132691TB

Tot Ion:114 Resp: 417570
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.6
 88 16.7 0.0 33.4

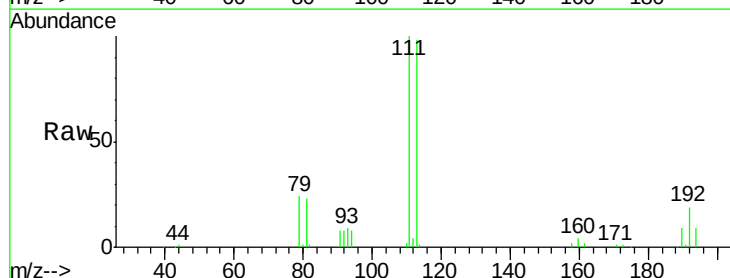


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

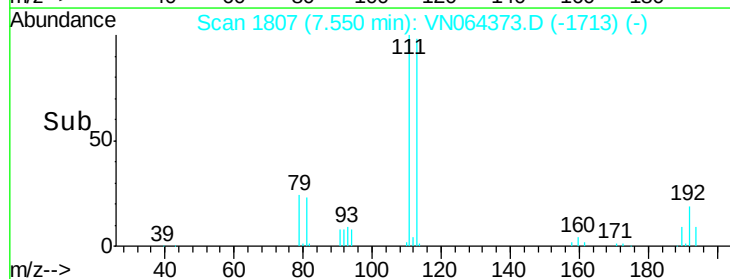
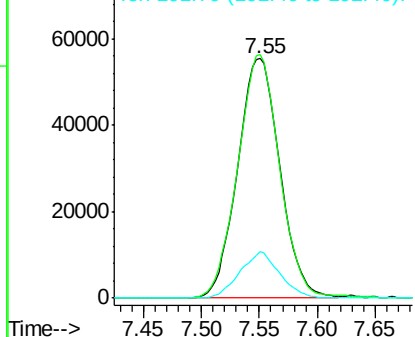


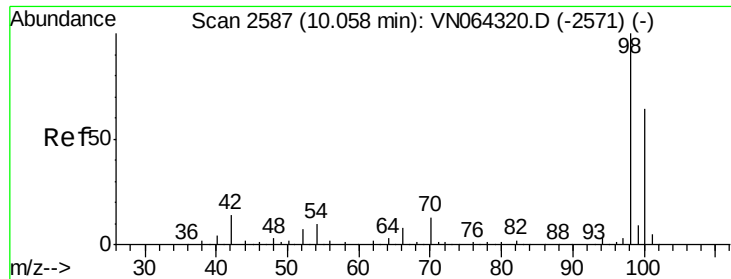
#35
 Dibromofluoromethane
 Concen: 50.537 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064373.D
 Acq: 29 Oct 2020 14:58

Tgt Ion:113 Resp: 140730
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.5 122.3
 192 18.2 15.0 22.4



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: 49.949 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064373.D

Acq: 29 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

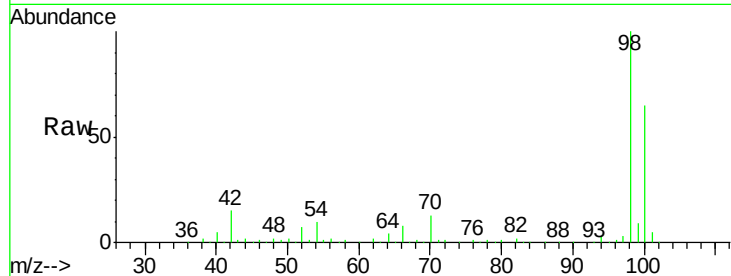
PB132691TB

Tot Ion: 98 Resp: 514479

Ion Ratio Lower Upper

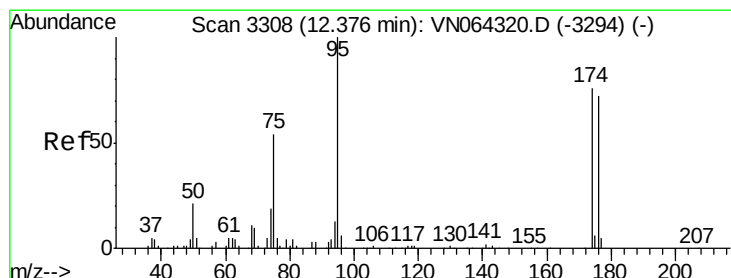
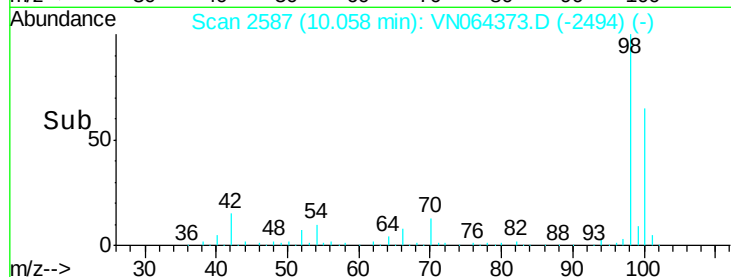
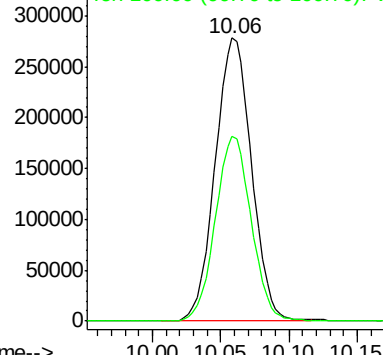
98 100

100 64.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 56.498 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064373.D

Acq: 29 Oct 2020 14:58

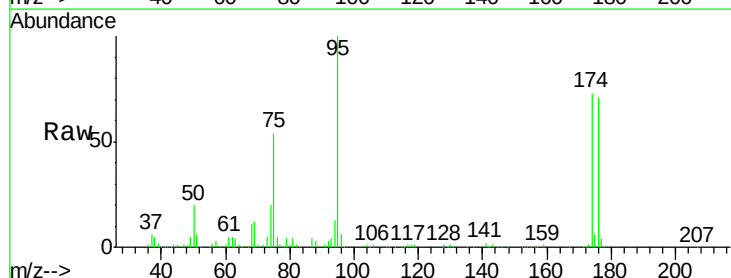
Tgt Ion: 95 Resp: 226893

Ion Ratio Lower Upper

95 100

174 73.5 0.0 147.4

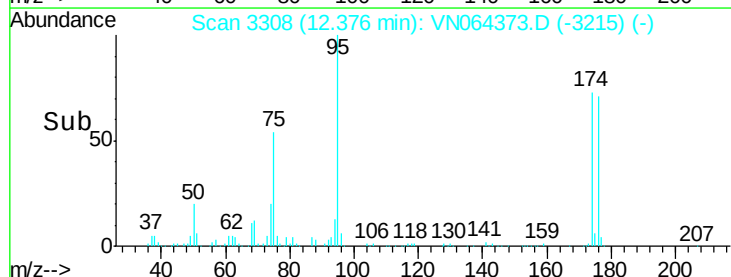
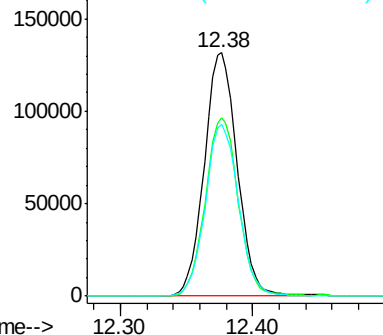
176 71.1 0.0 143.6

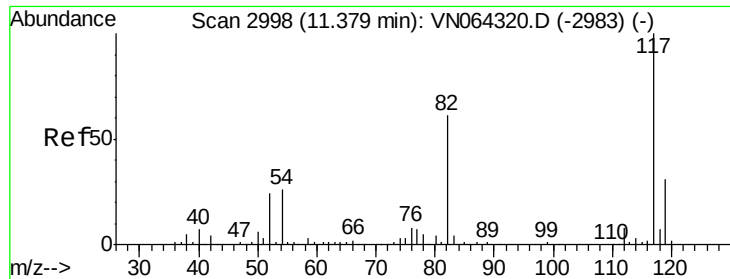


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064373.D

Acq: 29 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

PB132691TB

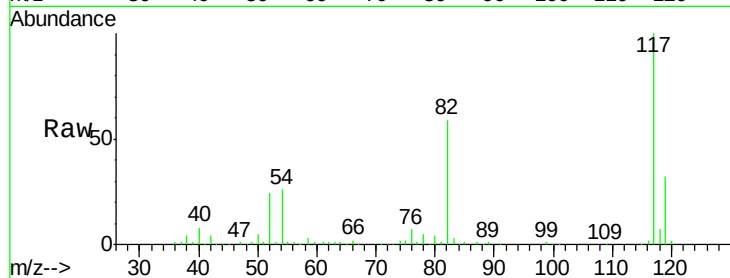
Tot Ion:117 Resp: 419451

Ion Ratio Lower Upper

117 100

82 59.4 48.8 73.2

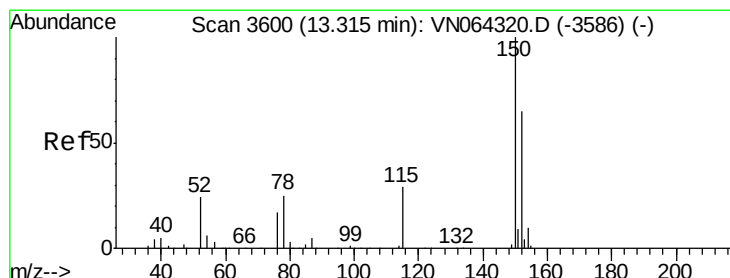
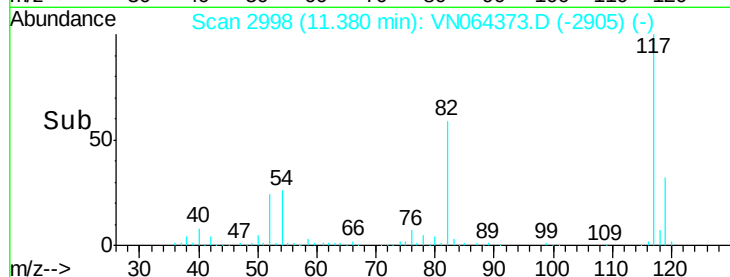
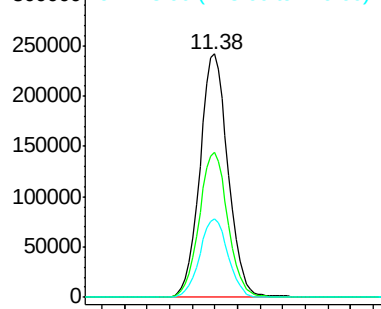
119 32.0 25.1 37.7



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# 3601

Delta R.T. 0.00 min

Lab File: VN064373.D

Acq: 29 Oct 2020 14:58

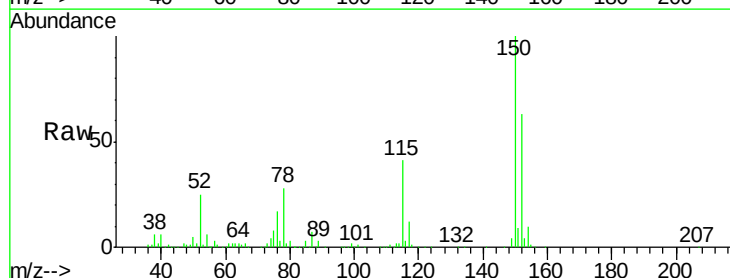
Tgt Ion:152 Resp: 180873

Ion Ratio Lower Upper

152 100

115 64.5 31.5 94.5

150 159.1 0.0 346.2



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

