

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064599.D
 Acq On : 12 Nov 2020 23:42
 Operator : JC/MD
 Sample : VN1112WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBL02

Quant Time: Nov 13 04:09:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	230767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	492248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	493152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179427	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	233514	58.09	ug/l	0.00
Spiked Amount			Recovery	=	116.18%	
35) Dibromofluoromethane	7.55	113	171781	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
50) Toluene-d8	10.06	98	616678	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	227881	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	

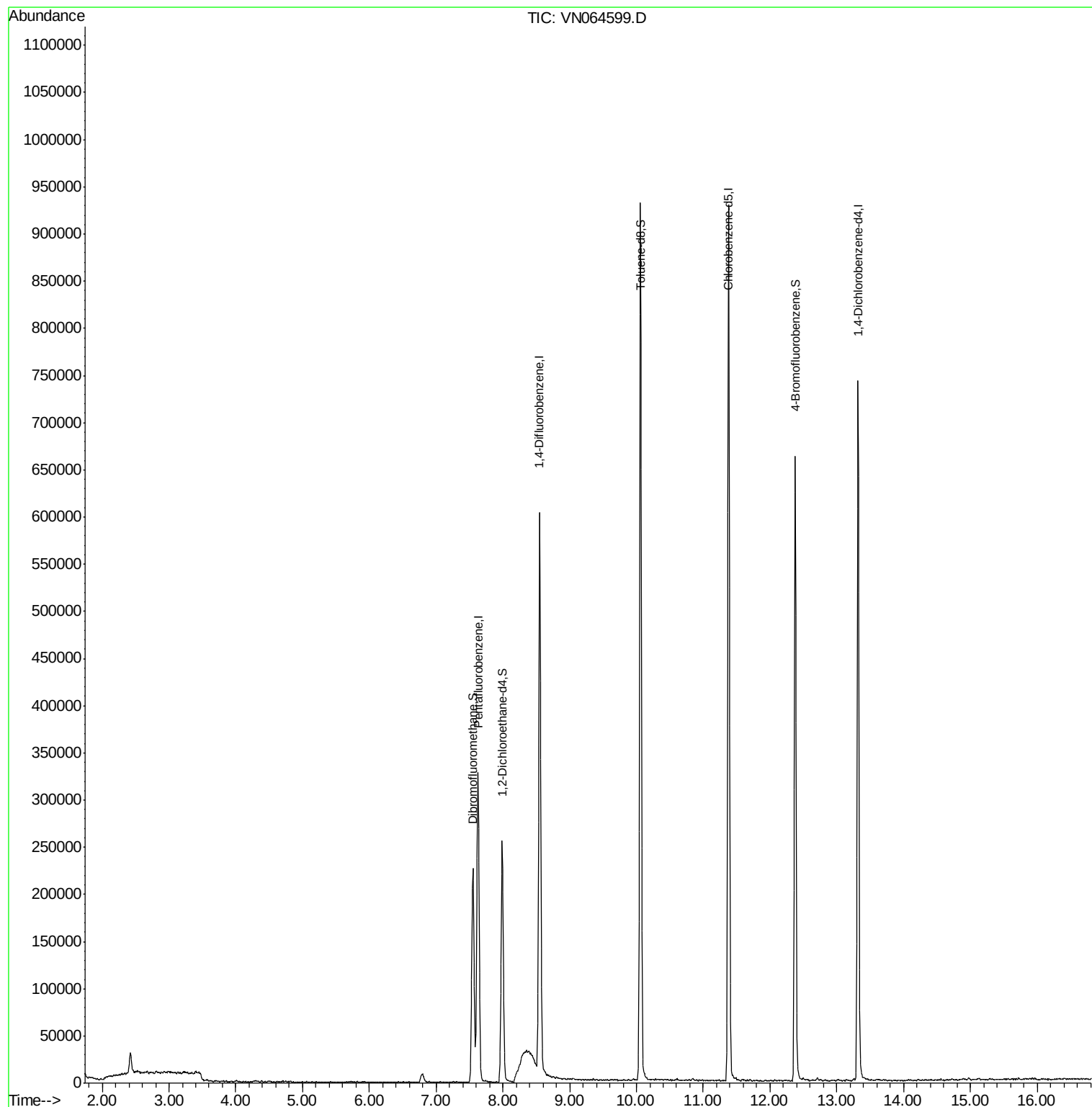
Target Compounds	Qvalue
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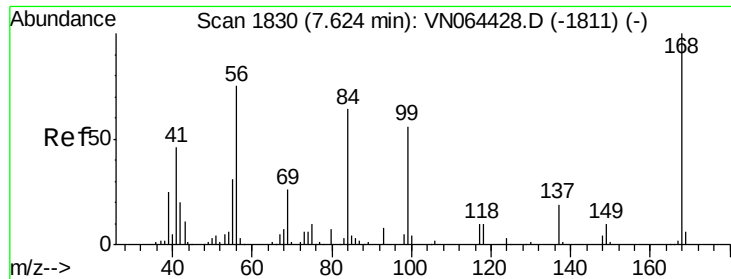
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064599.D

Acq: 12 Nov 2020 23:42

Instrument :

MSVOA_N

ClientSampleId :

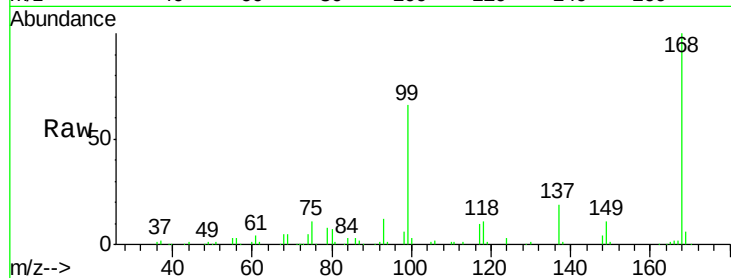
VN1112WBL02

Tot Ion:168 Resp: 230767

Ion Ratio Lower Upper

168 100

99 66.5 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

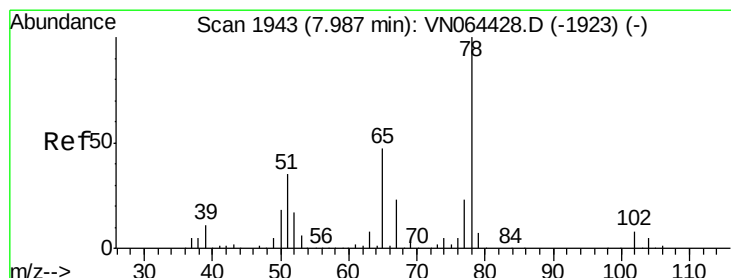
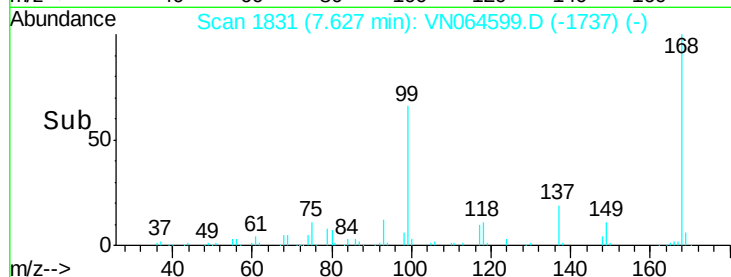
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 58.094 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064599.D

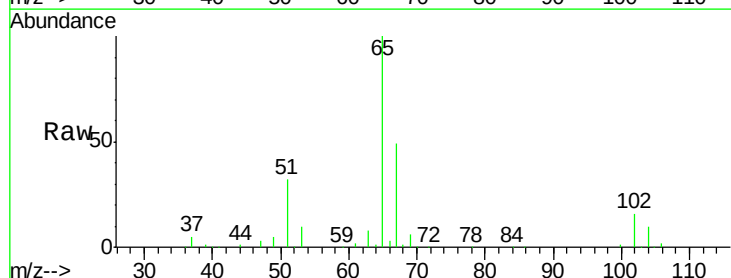
Acq: 12 Nov 2020 23:42

Tgt Ion: 65 Resp: 233514

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

120000

100000

80000

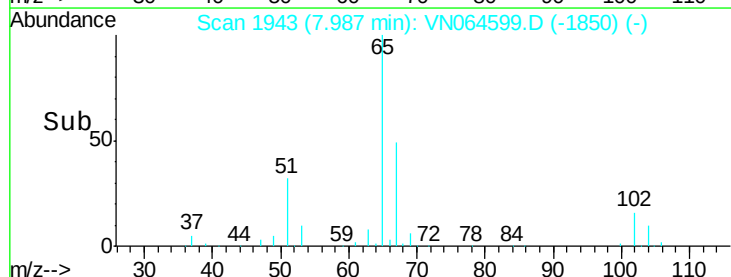
60000

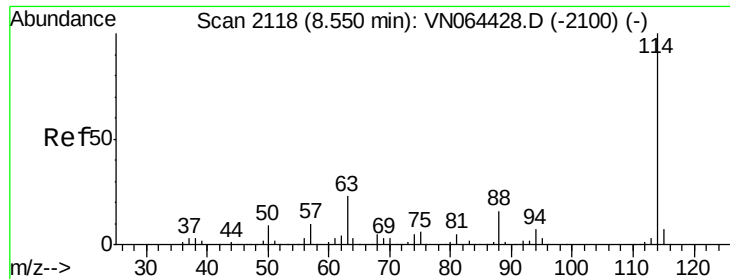
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10

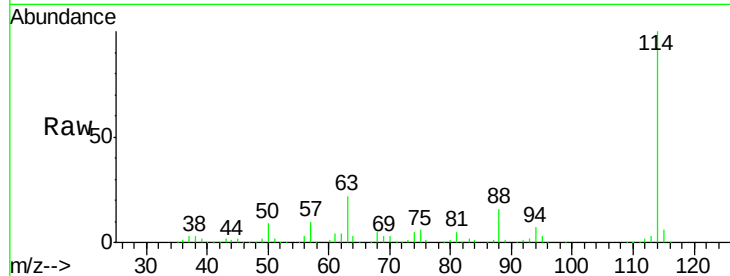




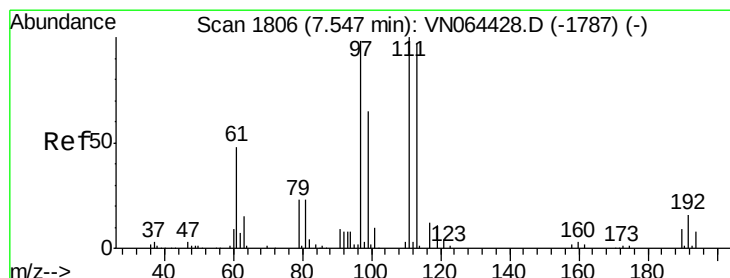
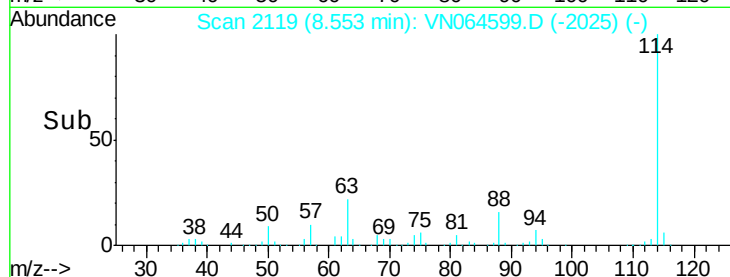
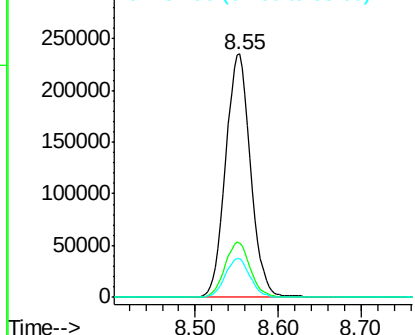
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064599.D
 Acq: 12 Nov 2020 23:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBL02

Tot Ion:114 Resp: 492248
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.6
 88 16.0 0.0 32.8

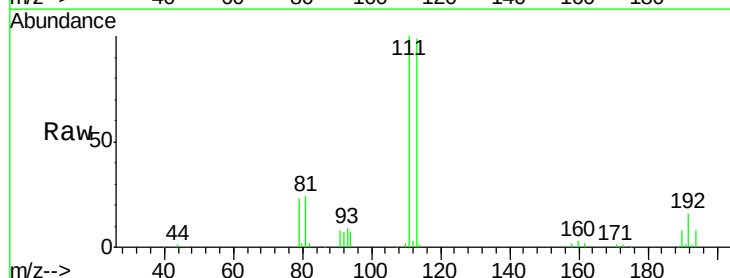


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

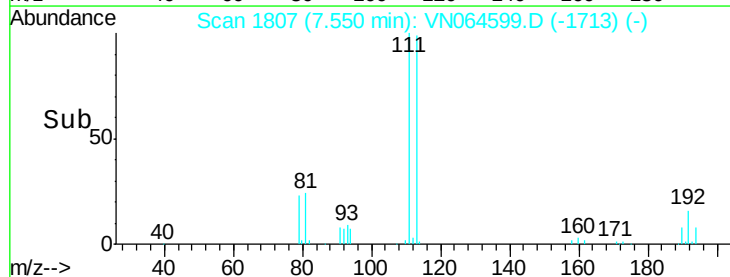
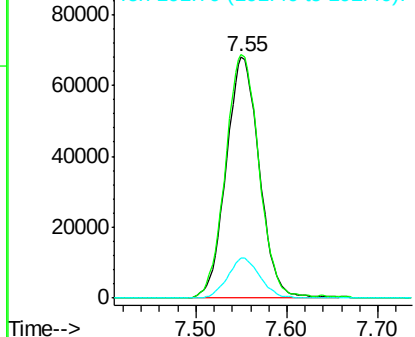


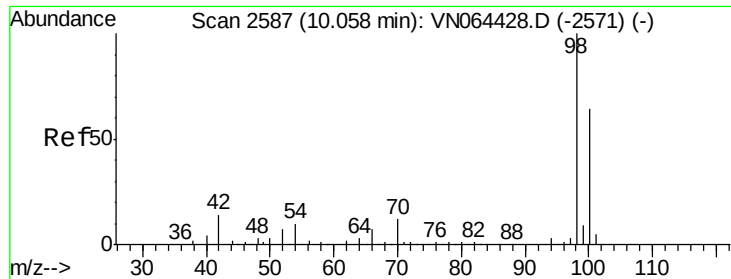
#35
 Dibromofluoromethane
 Concen: 51.254 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064599.D
 Acq: 12 Nov 2020 23:42

Tgt Ion:113 Resp: 171781
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 16.1 12.8 19.2



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: 47.606 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064599.D

Acq: 12 Nov 2020 23:42

Instrument :

MSVOA_N

ClientSampleId :

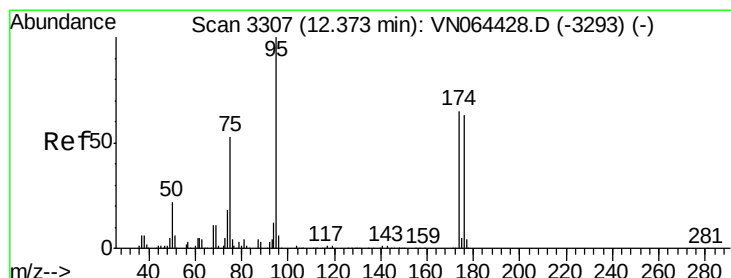
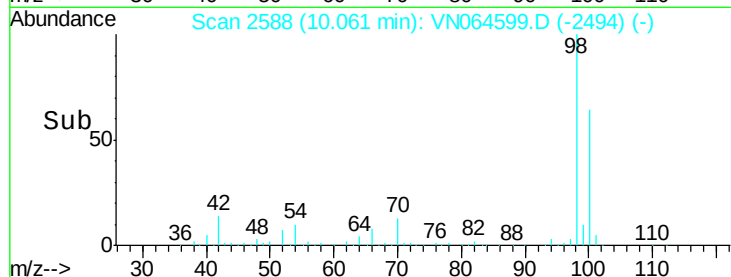
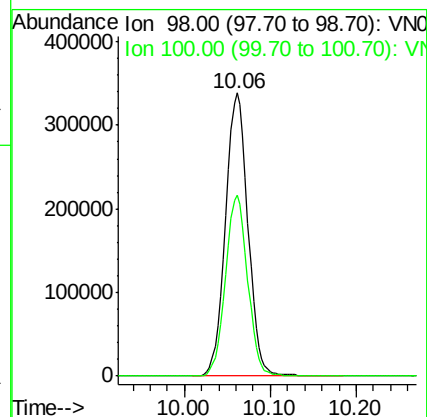
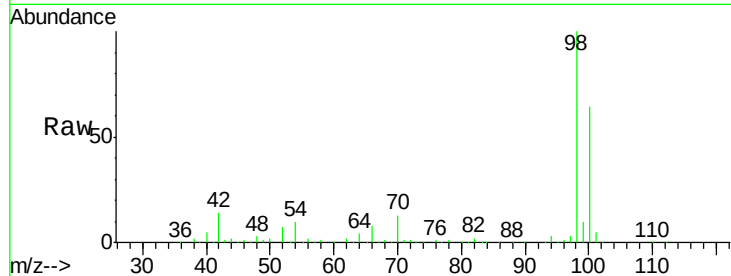
VN1112WBL02

Tot Ion: 98 Resp: 616678

Ion Ratio Lower Upper

98 100

100 62.7 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 46.517 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.01 min

Lab File: VN064599.D

Acq: 12 Nov 2020 23:42

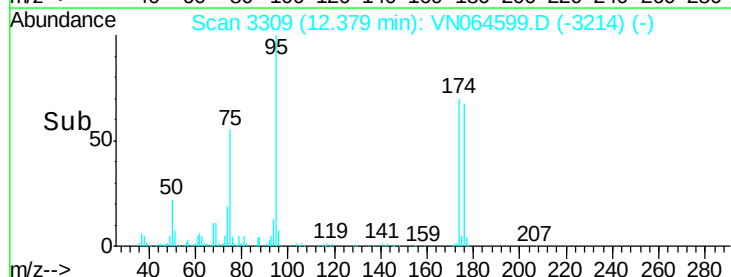
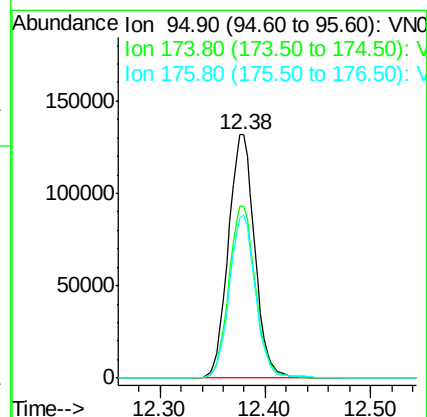
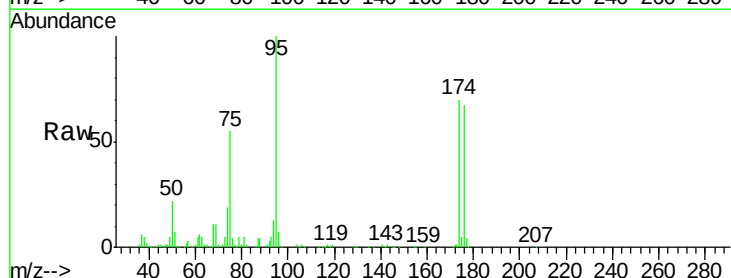
Tgt Ion: 95 Resp: 227881

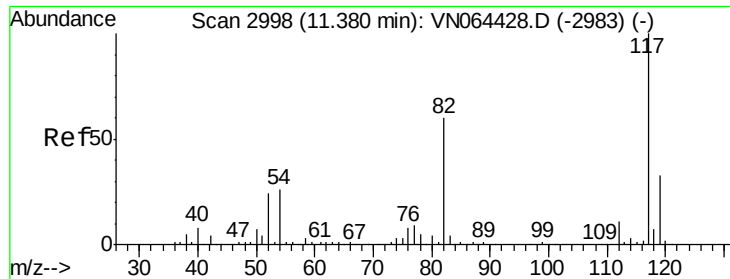
Ion Ratio Lower Upper

95 100

174 71.0 0.0 132.6

176 66.0 0.0 129.2

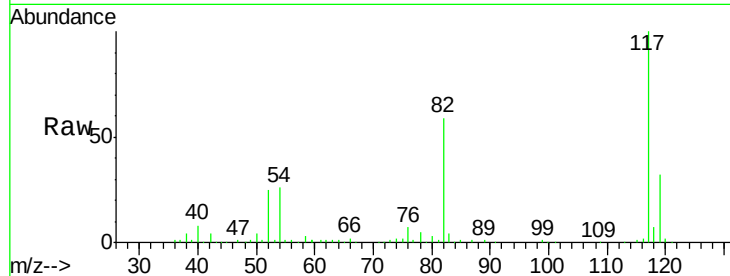




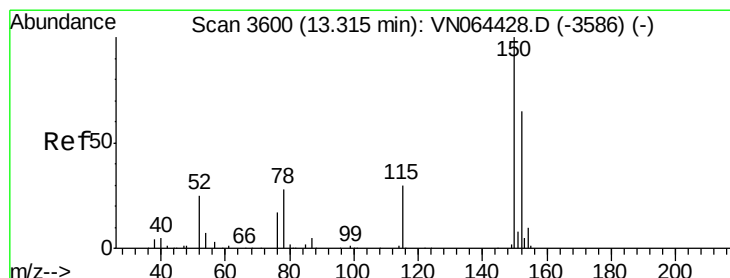
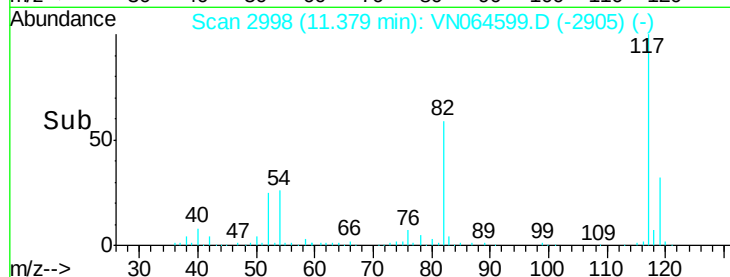
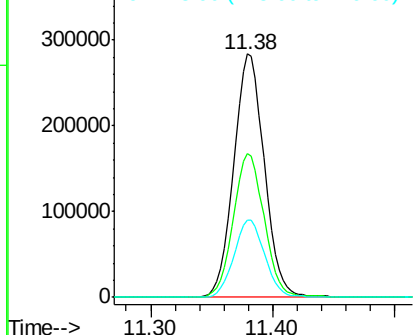
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064599.D
Acq: 12 Nov 2020 23:42

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBL02

Tot Ion:117 Resp: 493152
Ion Ratio Lower Upper
117 100
82 59.1 48.1 72.1
119 31.8 26.2 39.4

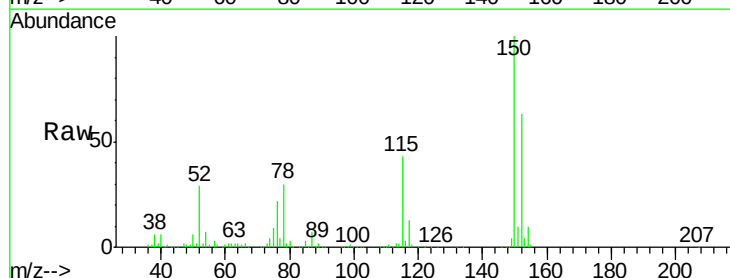


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064599.D
Acq: 12 Nov 2020 23:42

Tgt Ion:152 Resp: 179427
Ion Ratio Lower Upper
152 100
115 65.8 32.0 96.0
150 162.1 0.0 353.8



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

