

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064119.D
 Acq On : 14 Oct 2020 18:08
 Operator : JC/MD
 Sample : VN1014WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBL01

Quant Time: Oct 15 07:06:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	302066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	566750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	585362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218102	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	227270	52.83	ug/l	0.00
Spiked Amount						
			Recovery	=	105.66%	
35) Dibromofluoromethane	7.55	113	190912	48.67	ug/l	0.00
Spiked Amount						
			Recovery	=	97.34%	
50) Toluene-d8	10.06	98	726975	49.12	ug/l	0.00
Spiked Amount						
			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.38	95	255400	50.20	ug/l	0.00
Spiked Amount						
			Recovery	=	100.40%	

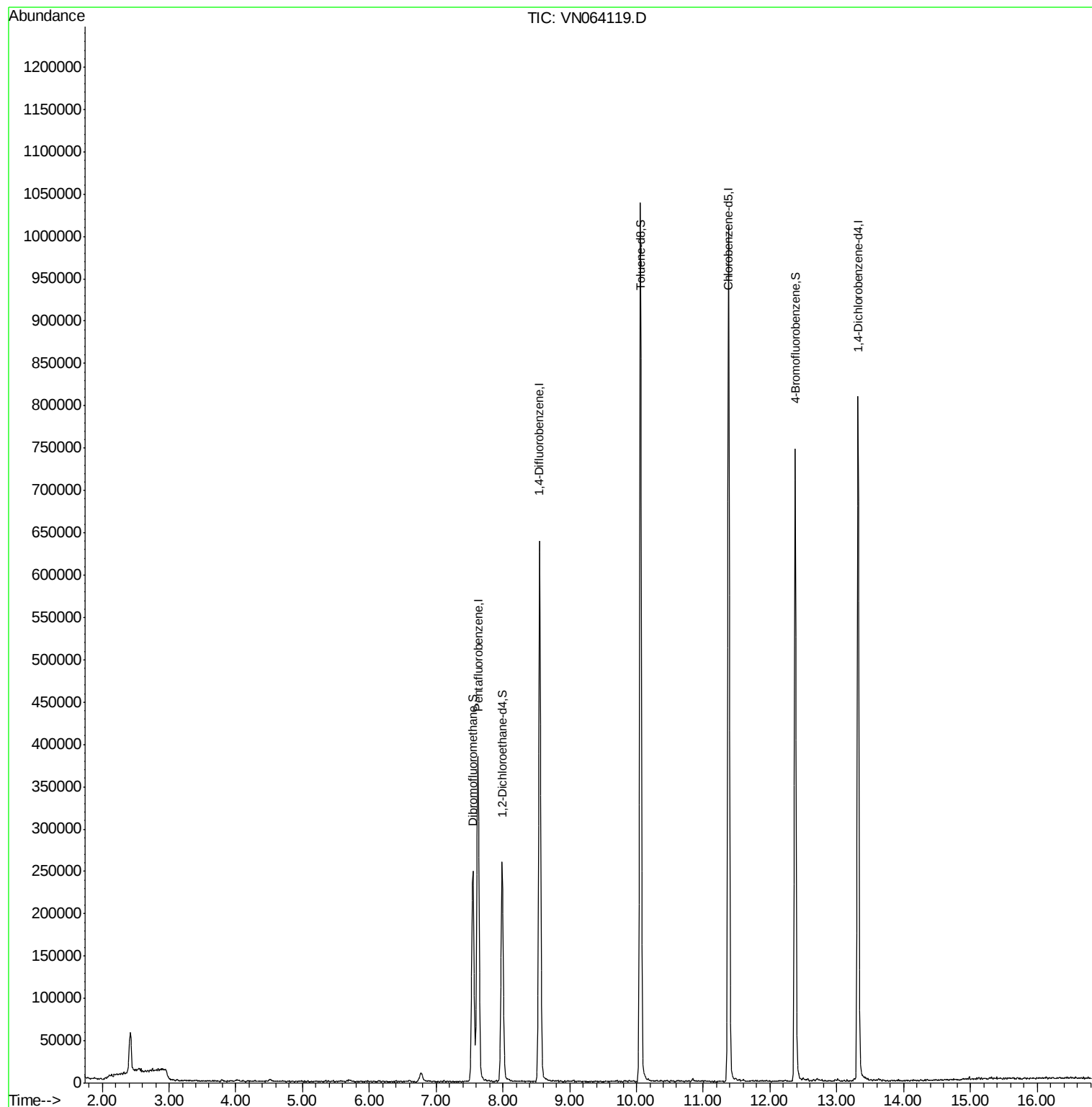
Target Compounds	Qvalue
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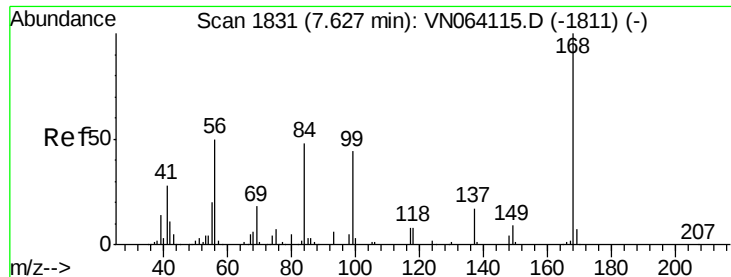
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 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: VN064119.D

Acq: 14 Oct 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

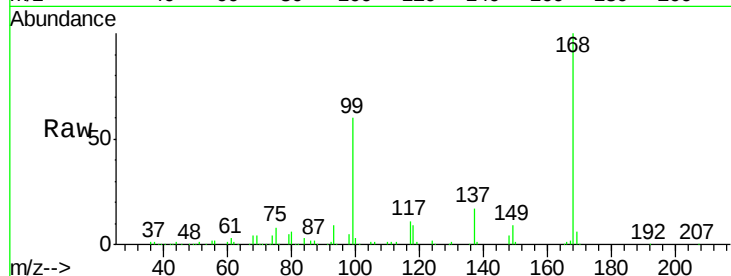
VN1014WBL01

Tot Ion:168 Resp: 302066

Ion Ratio Lower Upper

168 100

99 59.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

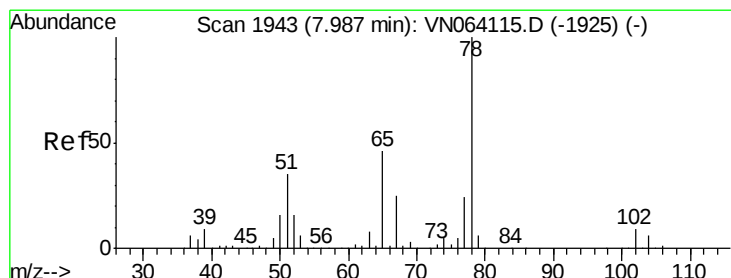
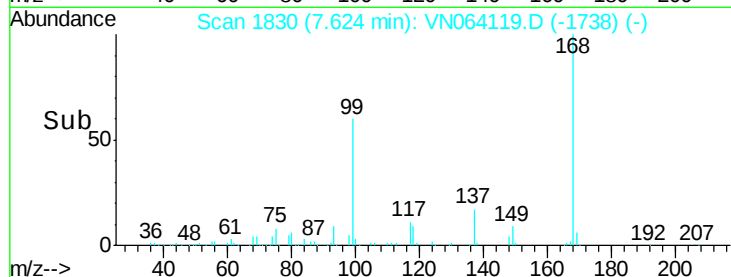
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.828 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064119.D

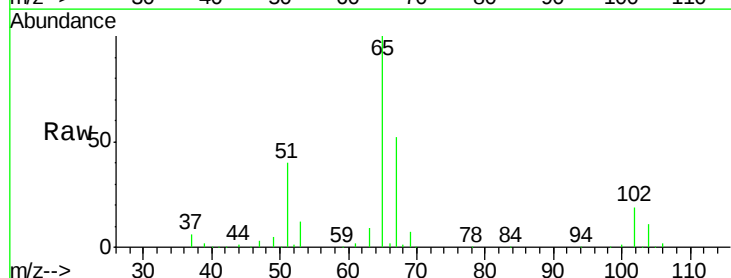
Acq: 14 Oct 2020 18:08

Tgt Ion: 65 Resp: 227270

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

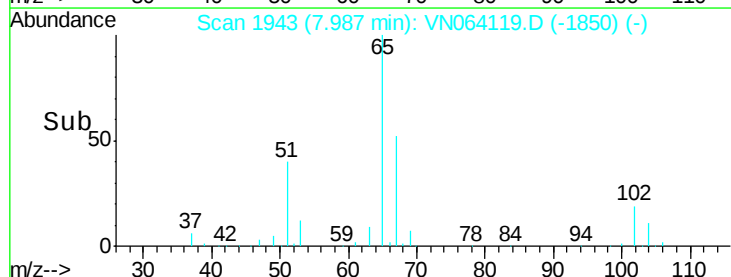
60000

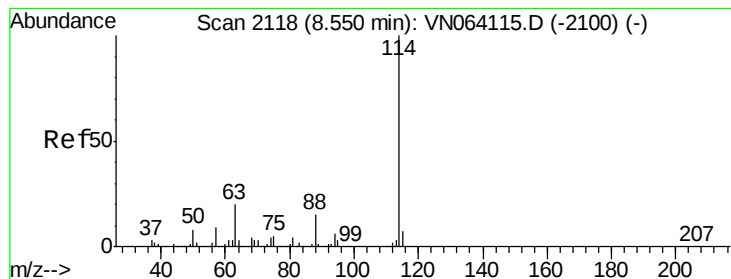
40000

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: VN064119.D

Acq: 14 Oct 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN1014WBL01

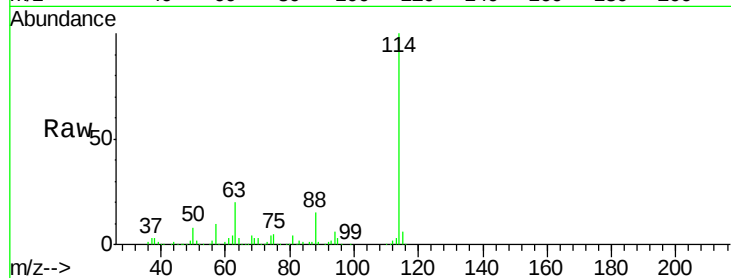
Tot Ion:114 Resp: 566750

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.0

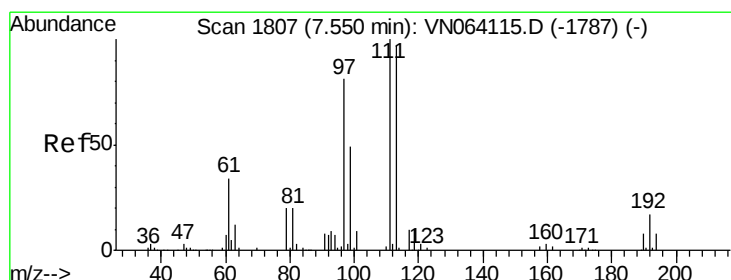
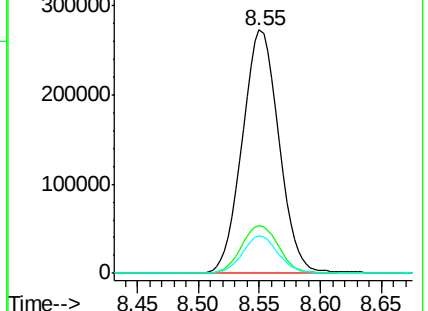
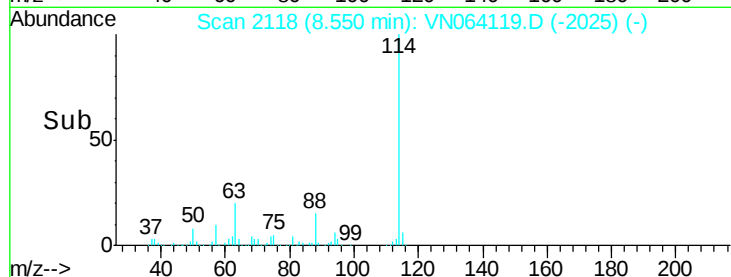
88 15.2 0.0 29.2



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: 48.668 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064119.D

Acq: 14 Oct 2020 18:08

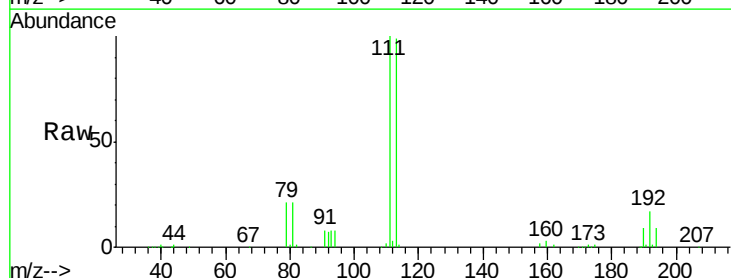
Tgt Ion:113 Resp: 190912

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

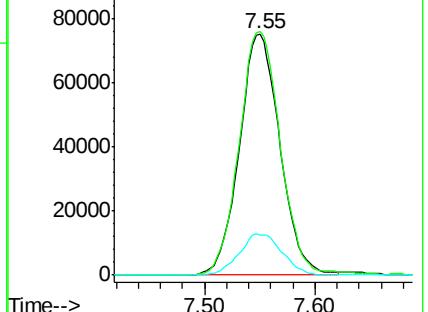
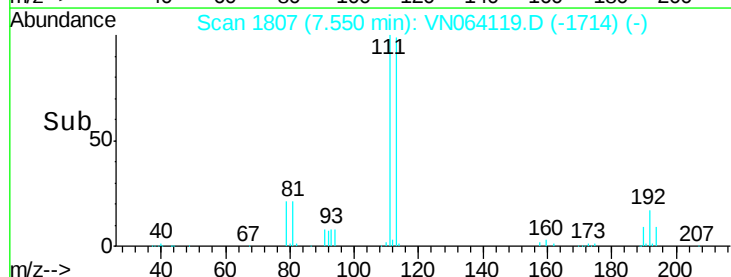
192 18.1 14.3 21.5

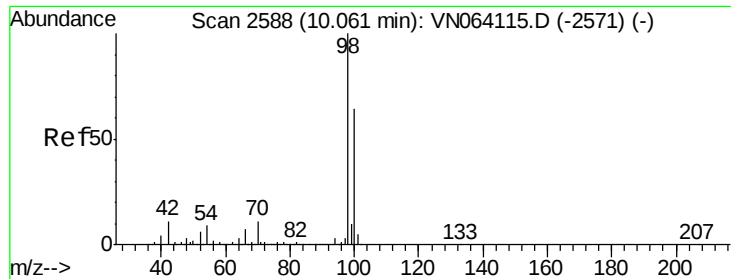


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.116 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064119.D

Acq: 14 Oct 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

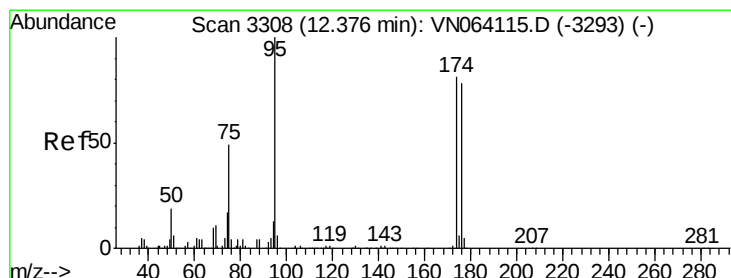
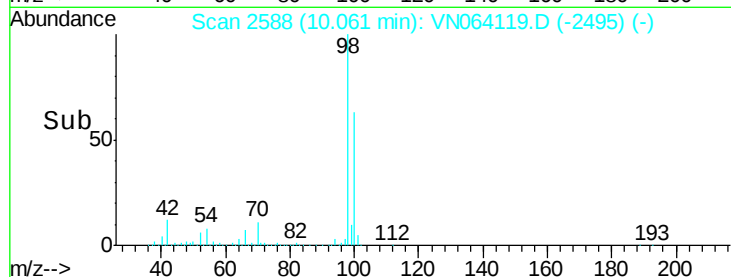
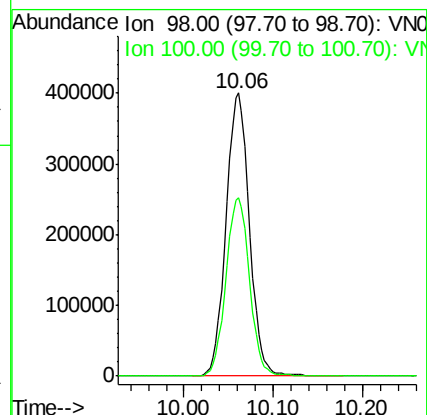
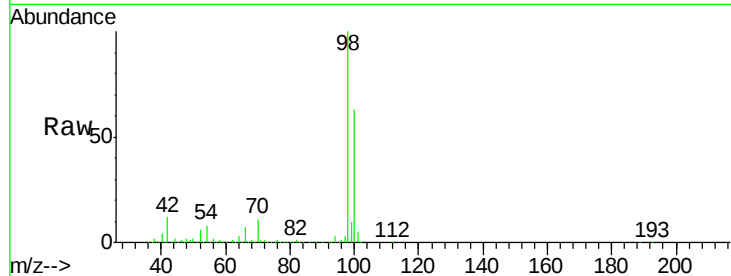
VN1014WBL01

Tot Ion: 98 Resp: 726975

Ion Ratio Lower Upper

98 100

100 63.7 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 50.201 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064119.D

Acq: 14 Oct 2020 18:08

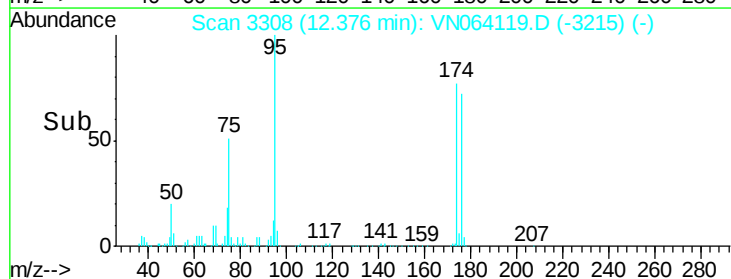
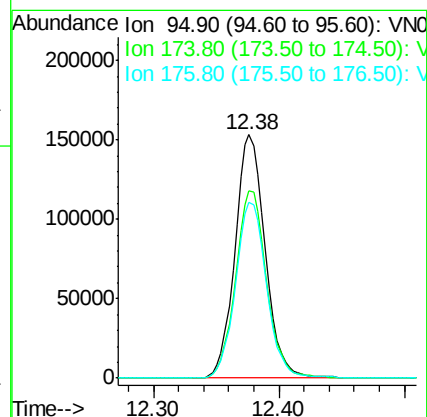
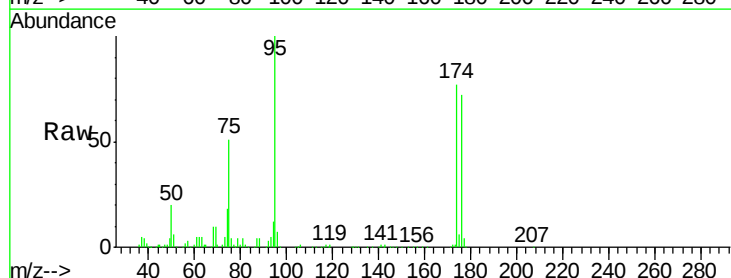
Tgt Ion: 95 Resp: 255400

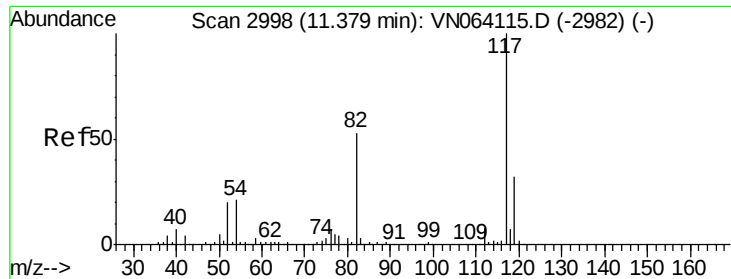
Ion Ratio Lower Upper

95 100

174 79.1 0.0 164.8

176 74.5 0.0 157.8

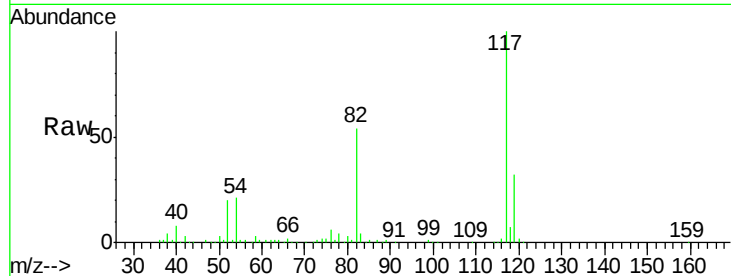




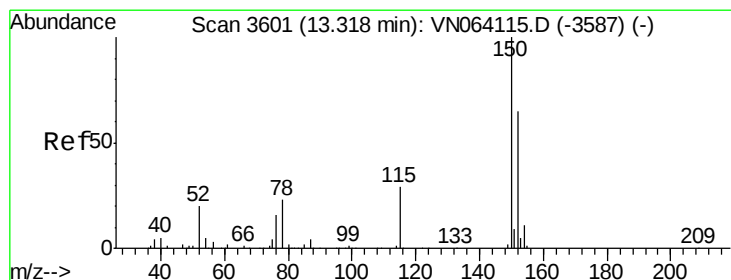
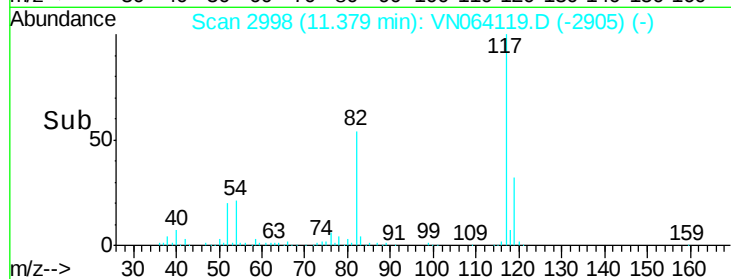
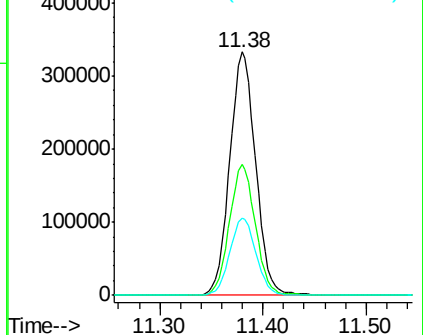
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064119.D
Acq: 14 Oct 2020 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN1014WBL01

Tot Ion:117 Resp: 585362
Ion Ratio Lower Upper
117 100
82 53.7 42.6 63.8
119 31.8 25.5 38.3

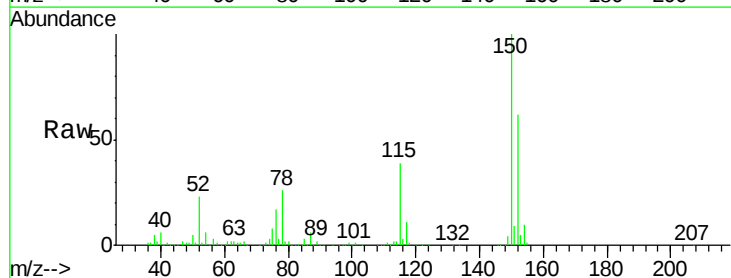


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064119.D
Acq: 14 Oct 2020 18:08

Tgt Ion:152 Resp: 218102
Ion Ratio Lower Upper
152 100
115 60.7 29.3 87.8
150 158.8 0.0 346.0



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

