

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063972.D
 Acq On : 8 Oct 2020 4:29
 Operator : JC/MD
 Sample : L4291-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 08 06:50:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	231689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	434454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	441899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175454	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	200648	52.42	ug/l	0.00
Spiked Amount						
			Recovery	=	104.84%	
35) Dibromofluoromethane	7.55	113	145545	48.28	ug/l	0.00
Spiked Amount						
			Recovery	=	96.56%	
50) Toluene-d8	10.06	98	551239	48.24	ug/l	0.00
Spiked Amount						
			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.38	95	206973	48.18	ug/l	0.00
Spiked Amount						
			Recovery	=	96.36%	

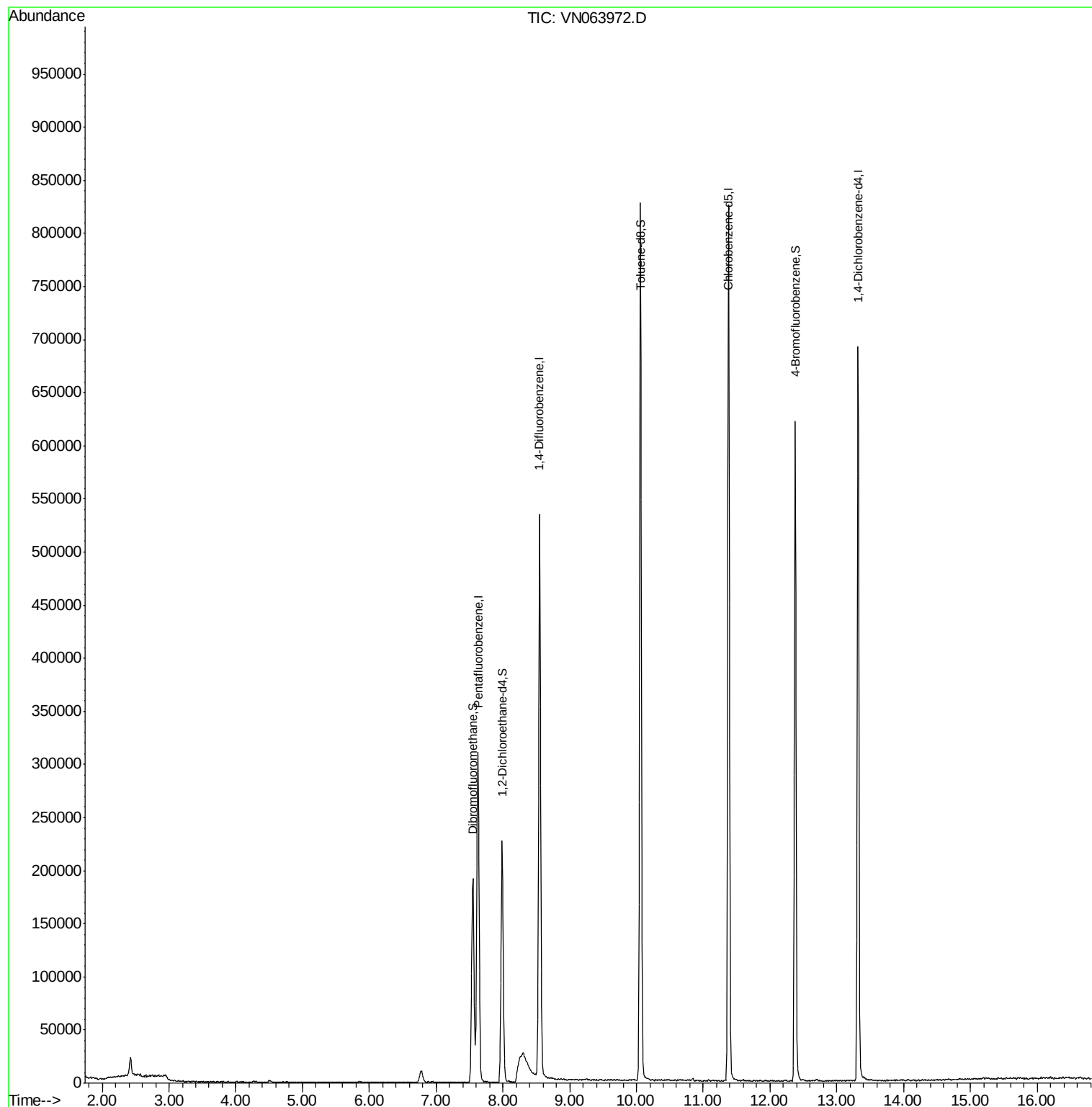
Target Compounds	Qvalue
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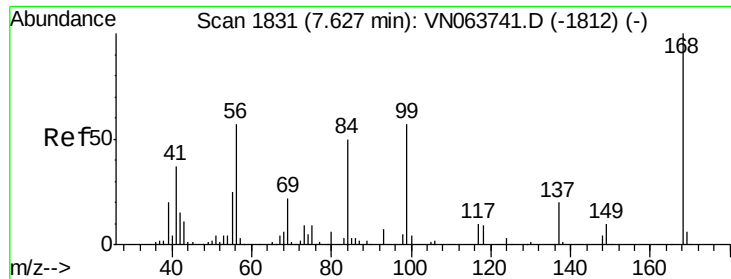
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063972.D

Acq: 8 Oct 2020 4:29

Instrument :

MSVOA_N

ClientSampleId :

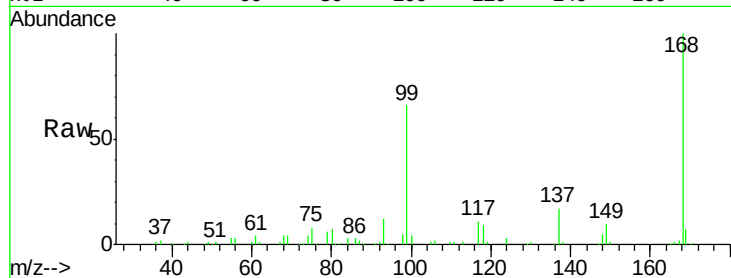
TRIP-BLANK

Tot Ion:168 Resp: 231689

Ion Ratio Lower Upper

168 100

99 65.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

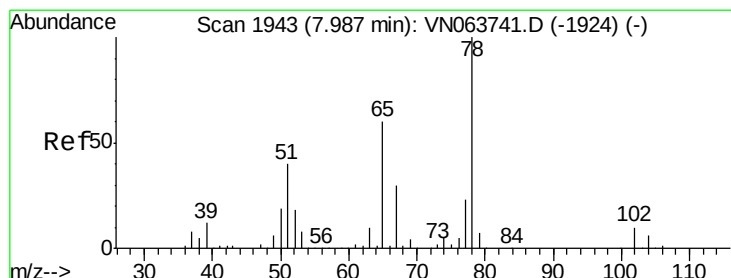
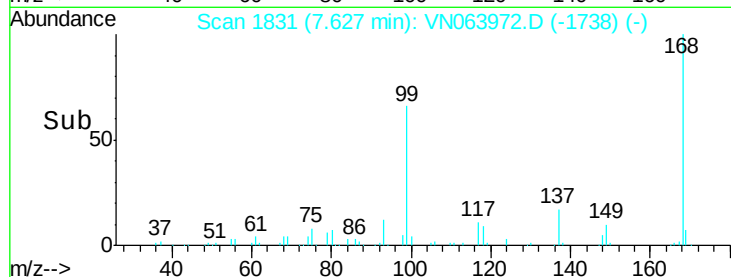
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.421 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063972.D

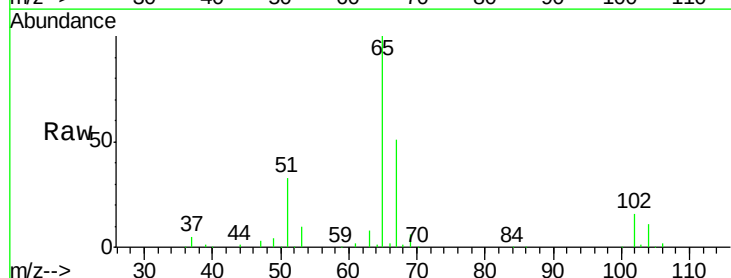
Acq: 8 Oct 2020 4:29

Tgt Ion: 65 Resp: 200648

Ion Ratio Lower Upper

65 100

67 50.5 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

100000

80000

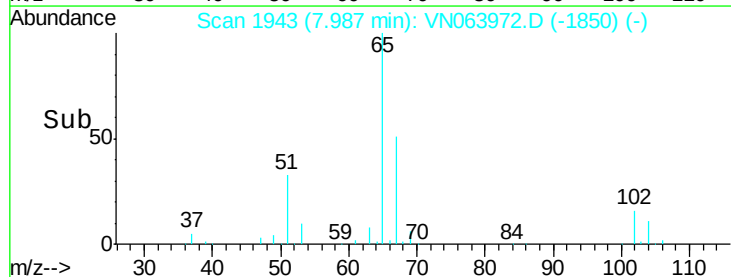
60000

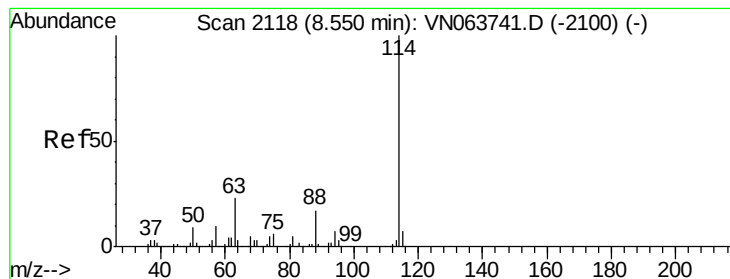
40000

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# 2118

Delta R.T. 0.00 min

Lab File: VN063972.D

Acq: 8 Oct 2020 4:29

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

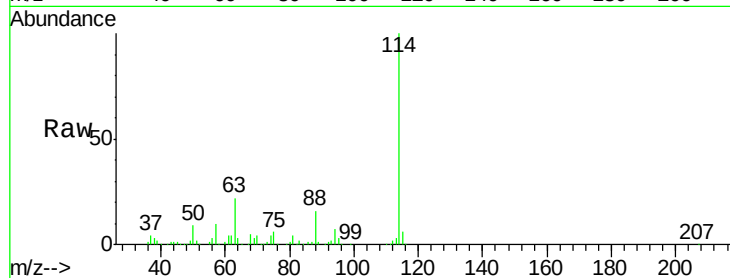
Tot Ion:114 Resp: 434454

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

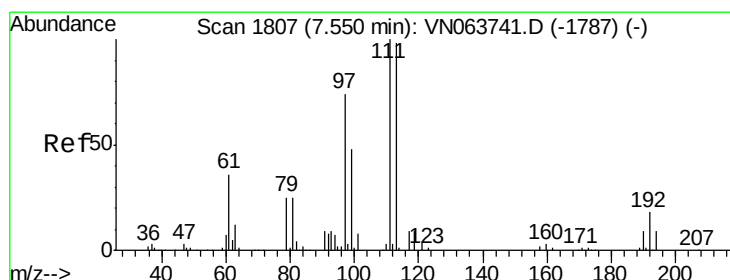
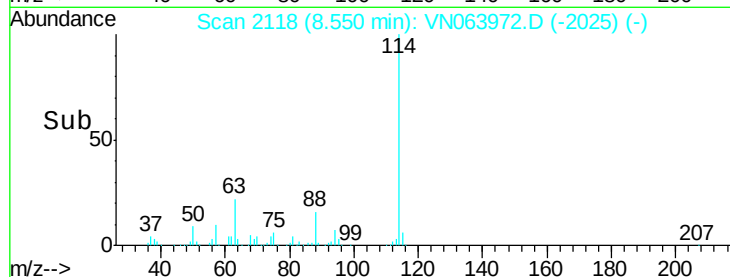
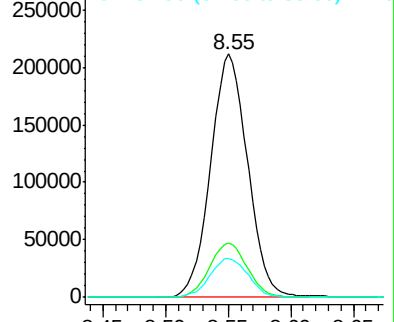
88 16.2 0.0 34.0



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: 48.280 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063972.D

Acq: 8 Oct 2020 4:29

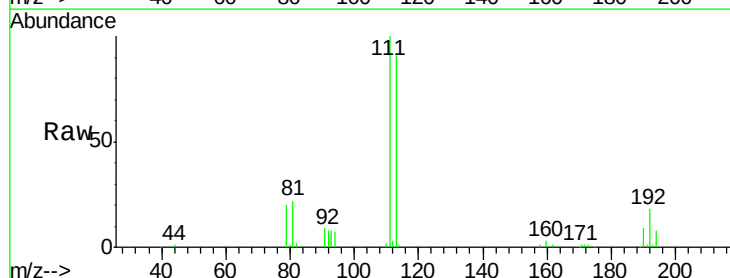
Tgt Ion:113 Resp: 145545

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

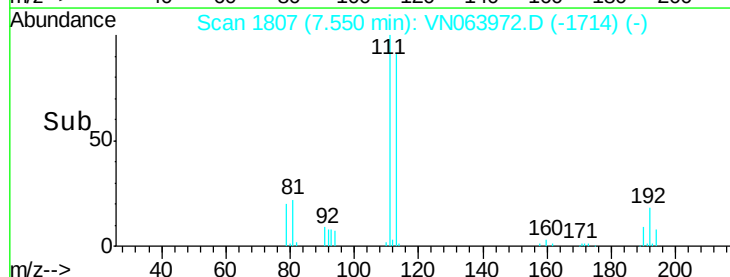
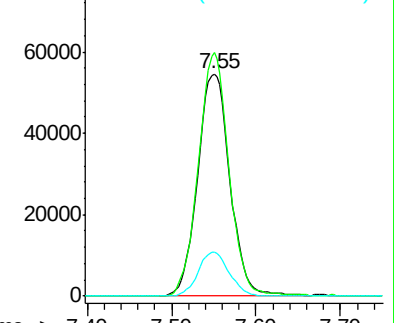
192 19.1 14.2 21.2

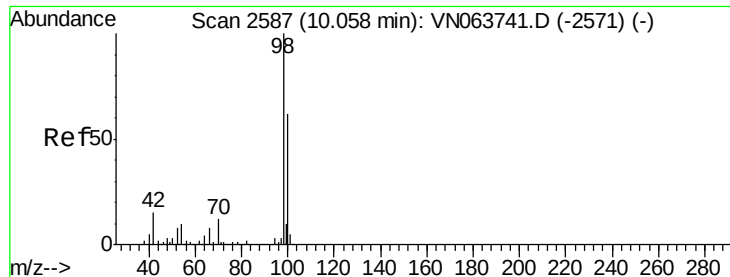


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.236 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063972.D

Acq: 8 Oct 2020 4:29

Instrument :

MSVOA_N

ClientSampled :

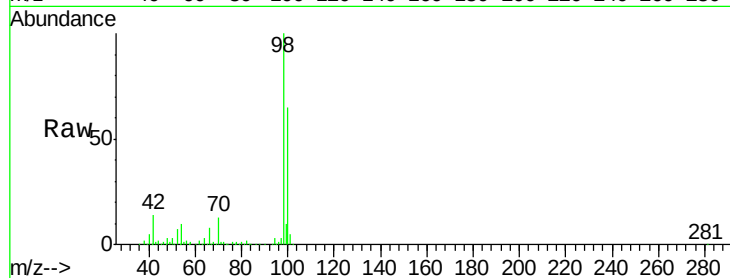
TRIP-BLANK

Tot Ion: 98 Resp: 551239

Ion Ratio Lower Upper

98 100

100 63.2 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063972.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063972.D (-2494) (-)

10.06

300000

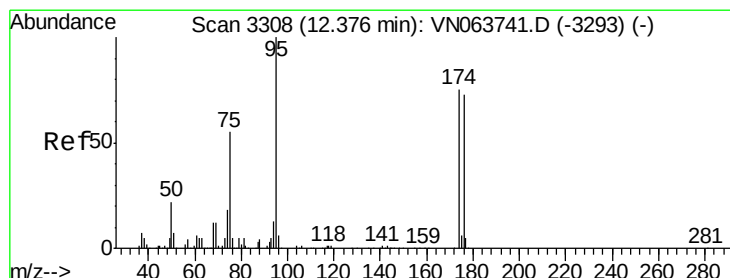
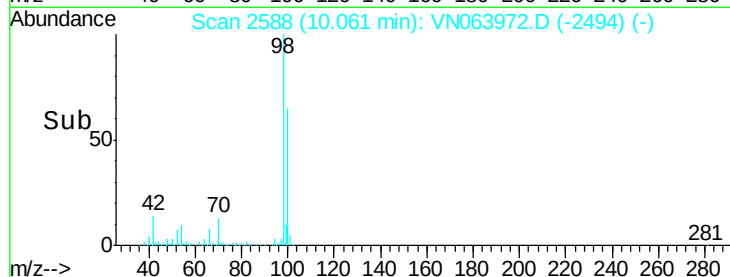
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 48.180 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063972.D

Acq: 8 Oct 2020 4:29

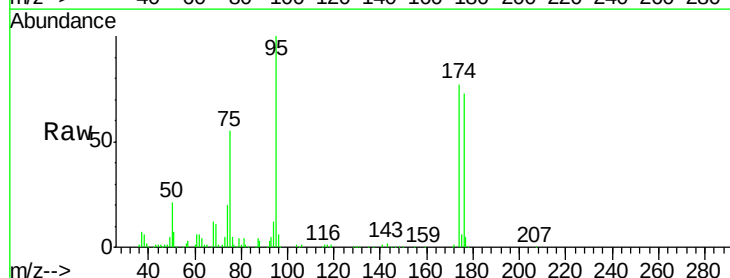
Tgt Ion: 95 Resp: 206973

Ion Ratio Lower Upper

95 100

174 78.1 0.0 150.6

176 75.3 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063972.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063972.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063972.D (-3215) (-)

12.38

150000

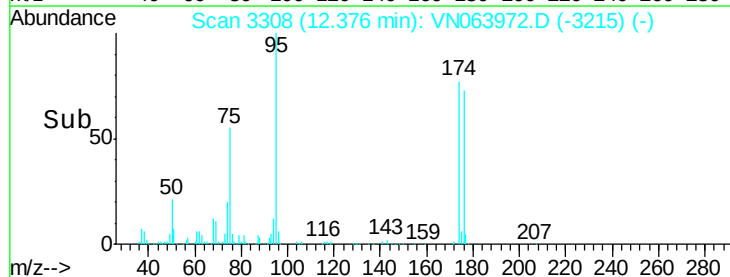
100000

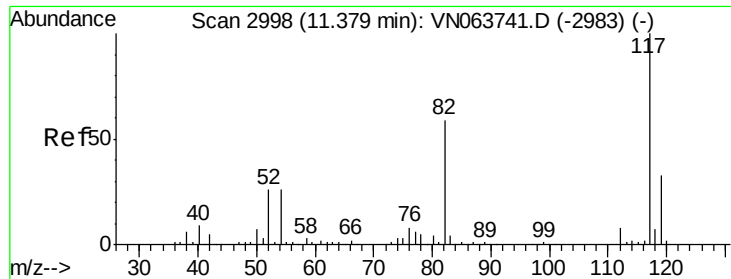
50000

0

12.30 12.40 12.50

Time-->

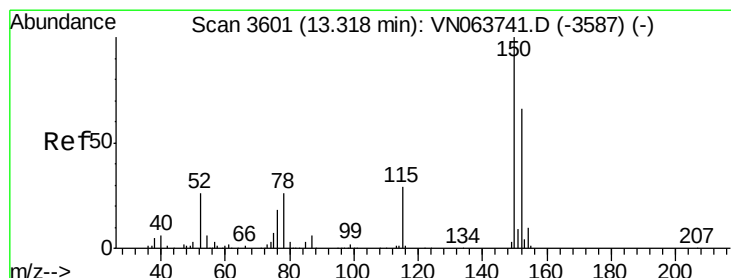
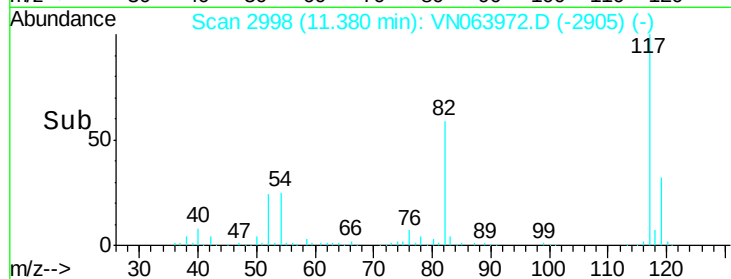
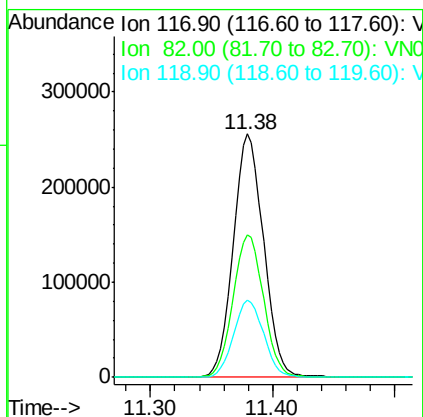
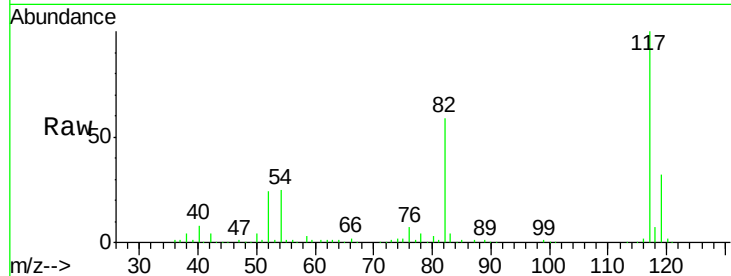




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063972.D
Acq: 8 Oct 2020 4:29

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Tot Ion:117 Resp: 441899
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063972.D
Acq: 8 Oct 2020 4:29

Tgt Ion:152 Resp: 175454
Ion Ratio Lower Upper
152 100
115 63.4 31.3 93.8
150 158.8 0.0 341.8

