

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064939.D
 Acq On : 7 Dec 2020 12:47
 Operator : JC/MD
 Sample : L4969-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2020-12-04-TB

Quant Time: Dec 08 07:29:43 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	174323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	307576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	316954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140766	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	105043	51.83	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.66%
35) Dibromofluoromethane	7.55	113	99737	54.19	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.38%
50) Toluene-d8	10.06	98	379323	50.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.88%
62) 4-Bromofluorobenzene	12.37	95	147111	54.66	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.32%

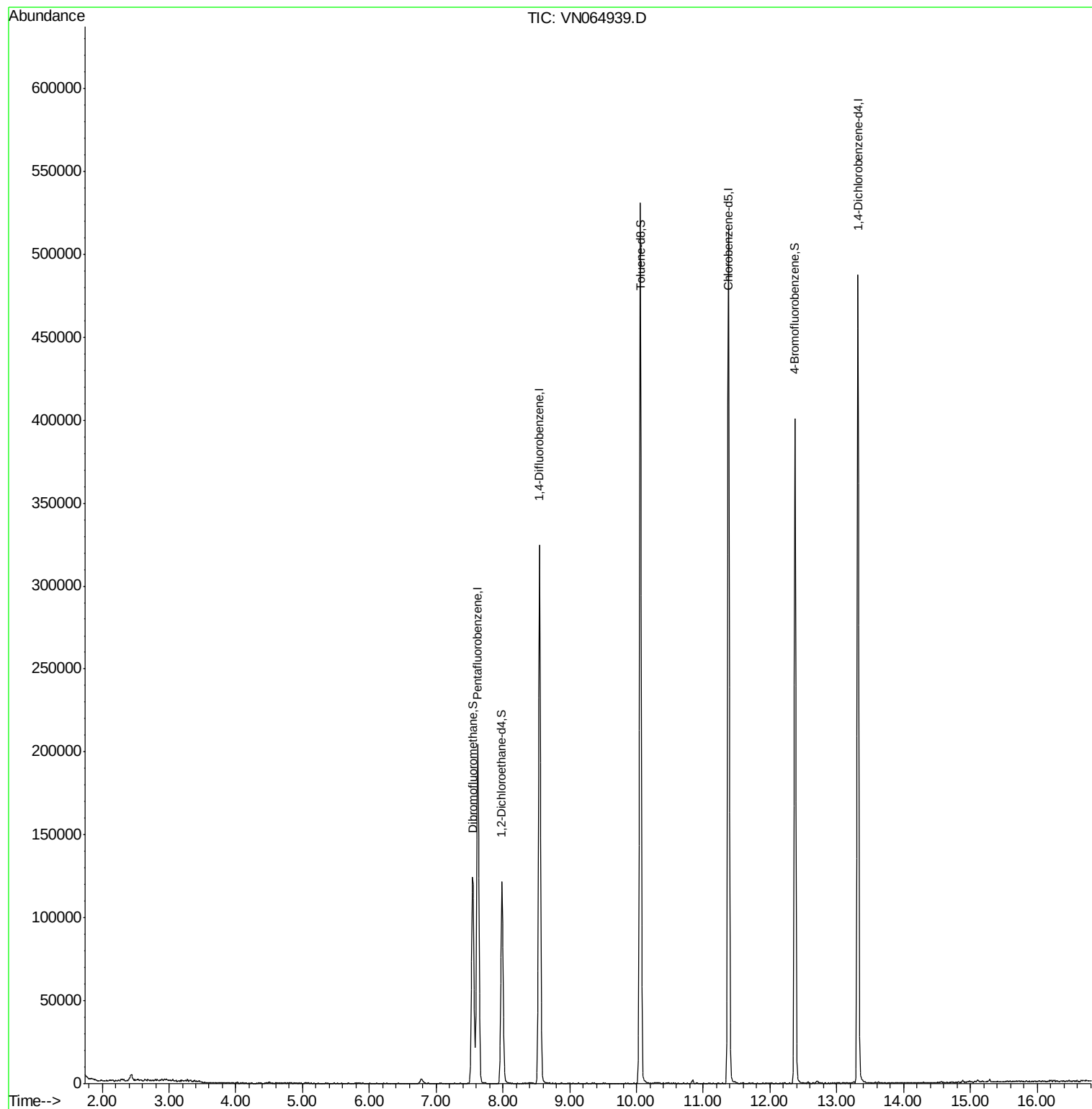
Target Compounds	Qvalue

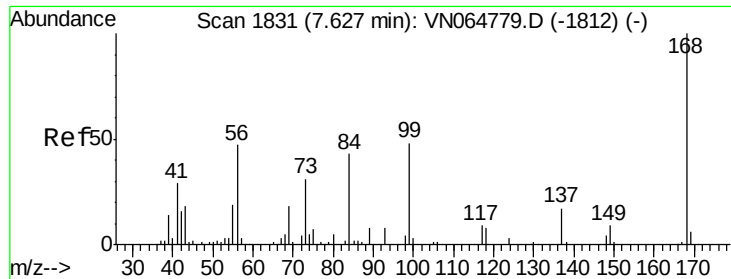
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
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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: VN064939.D

Acq: 7 Dec 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

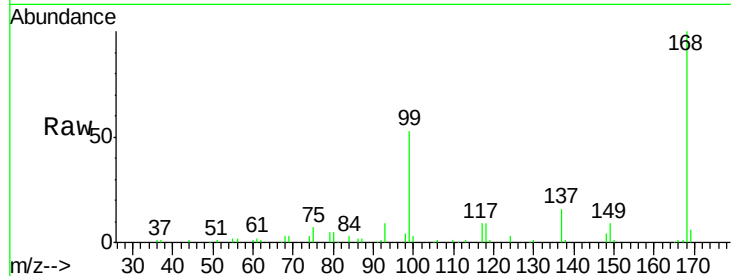
2020-12-04-TB

Tot Ion:168 Resp: 174323

Ion Ratio Lower Upper

168 100

99 53.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

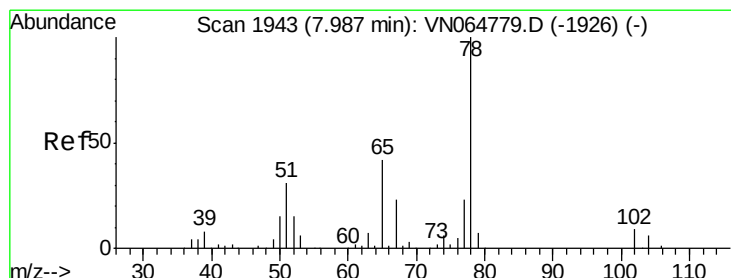
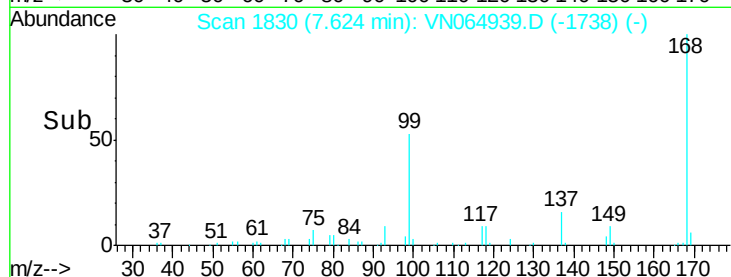
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.832 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064939.D

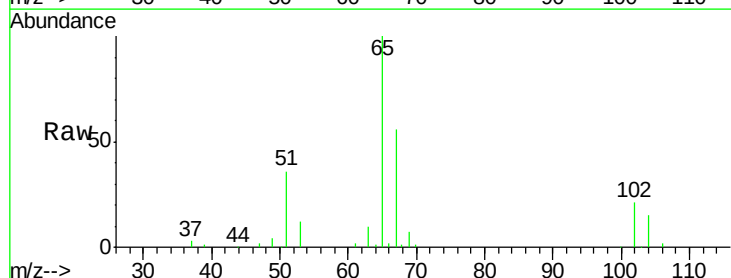
Acq: 7 Dec 2020 12:47

Tgt Ion: 65 Resp: 105043

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.98

50000

40000

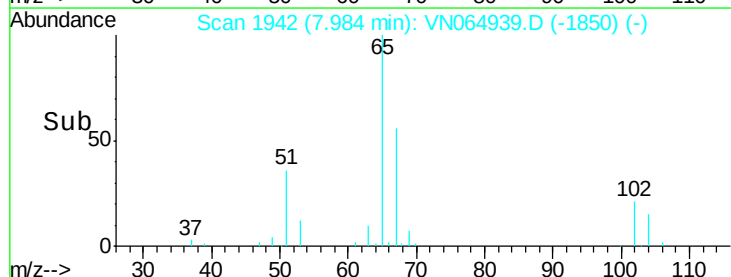
30000

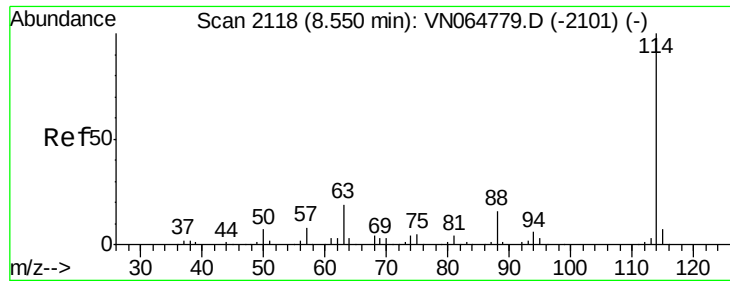
20000

10000

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: VN064939.D

Acq: 7 Dec 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

2020-12-04-TB

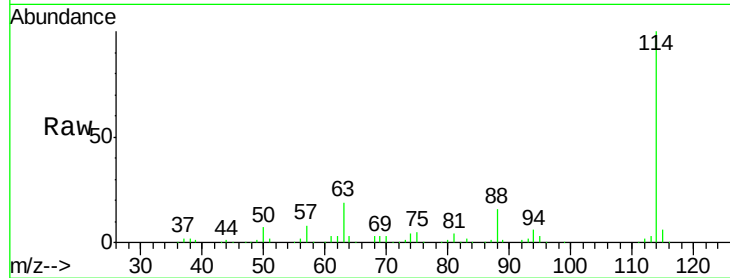
Tot Ion:114 Resp: 307576

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

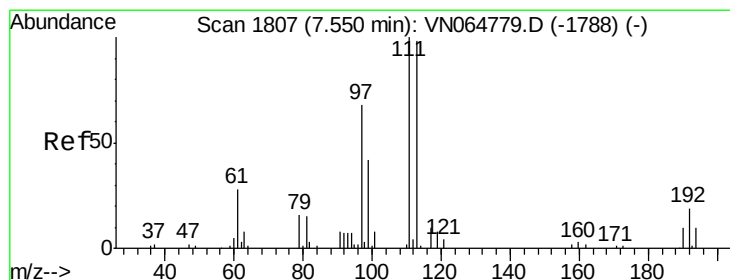
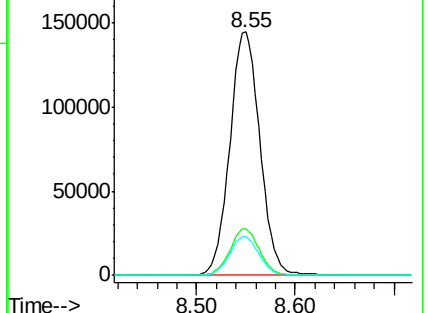
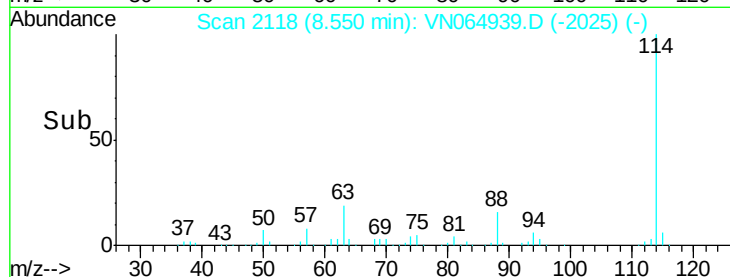
88 15.8 0.0 32.6



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: 54.192 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064939.D

Acq: 7 Dec 2020 12:47

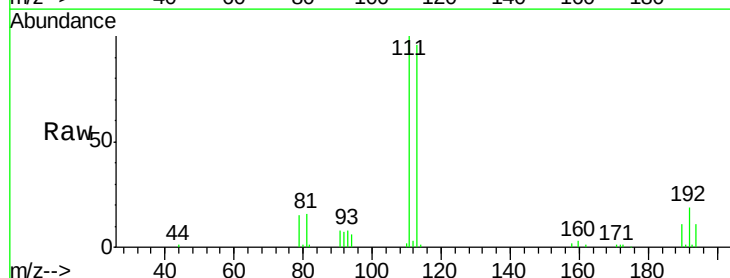
Tgt Ion:113 Resp: 99737

Ion Ratio Lower Upper

113 100

111 101.0 81.6 122.4

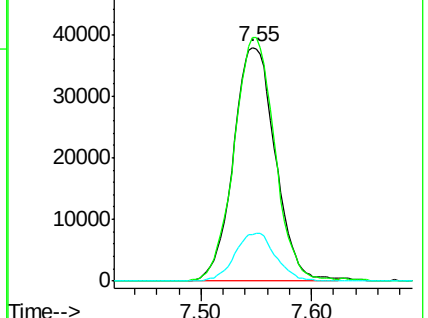
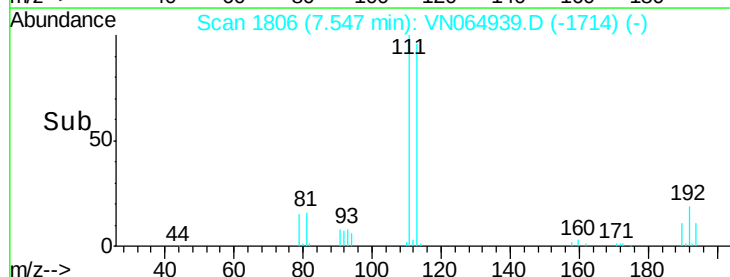
192 19.9 16.2 24.2

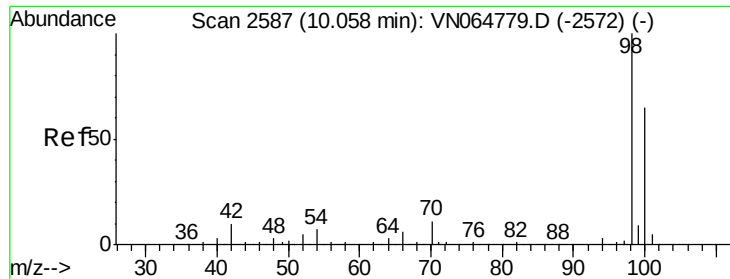


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.443 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064939.D

Acq: 7 Dec 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

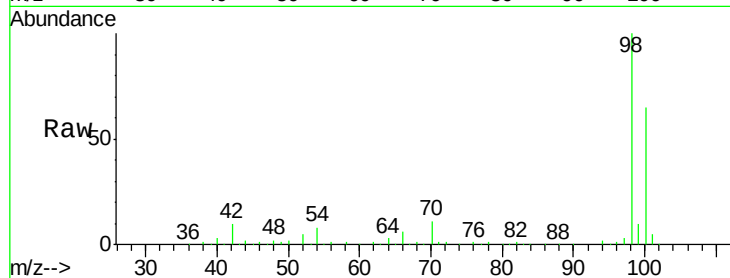
2020-12-04-TB

Tot Ion: 98 Resp: 379323

Ion Ratio Lower Upper

98 100

100 64.9 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) (-)

10.06

250000

200000

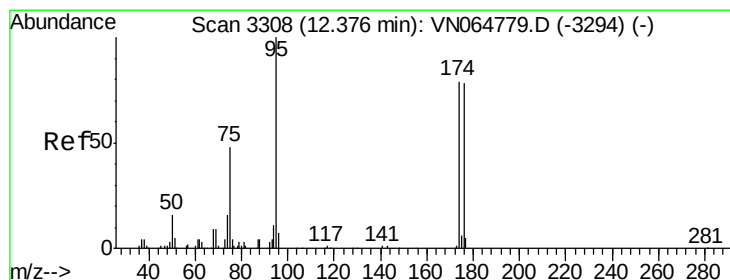
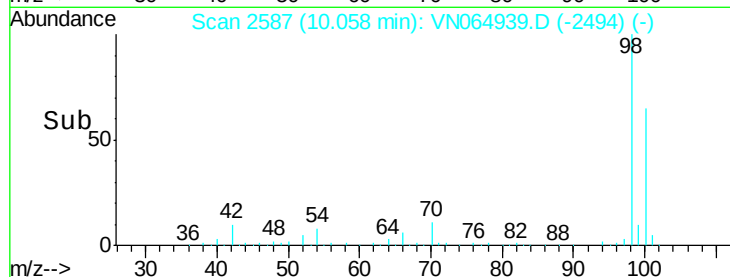
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.663 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064939.D

Acq: 7 Dec 2020 12:47

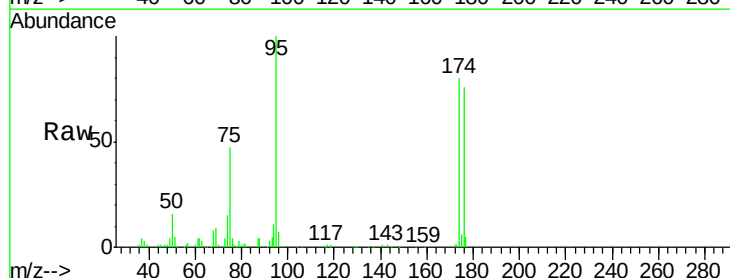
Tgt Ion: 95 Resp: 147111

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.4

176 78.4 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) (-)

12.37

120000

100000

80000

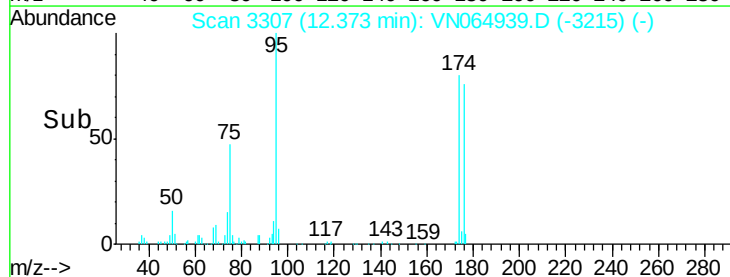
60000

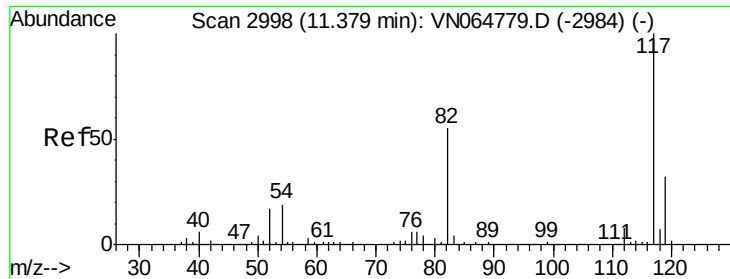
40000

20000

0

Time-->

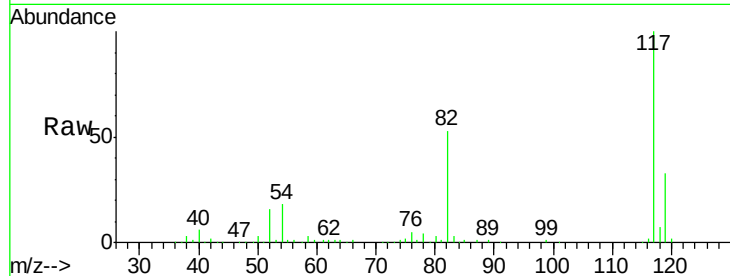




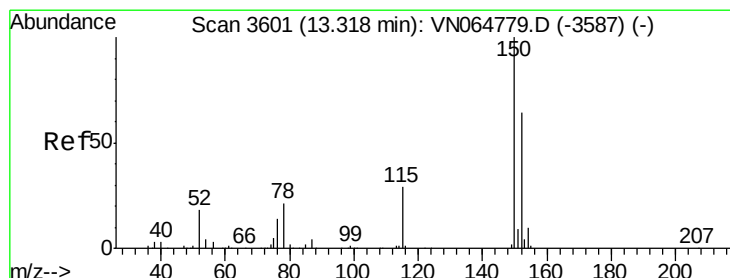
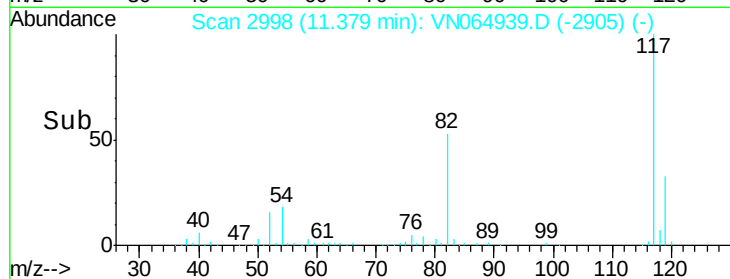
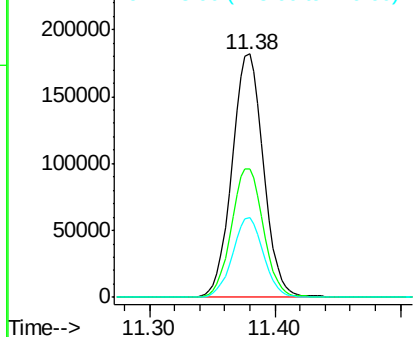
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064939.D
Acq: 7 Dec 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
2020-12-04-TB

Tot Ion:117 Resp: 316954
Ion Ratio Lower Upper
117 100
82 52.8 44.2 66.2
119 32.7 25.8 38.6

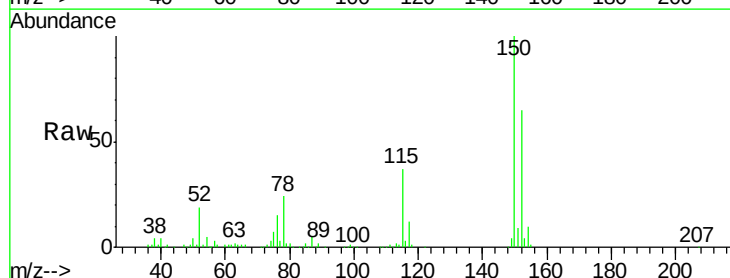


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064939.D
Acq: 7 Dec 2020 12:47

Tgt Ion:152 Resp: 140766
Ion Ratio Lower Upper
152 100
115 58.2 29.7 89.1
150 154.8 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

