

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064920.D
 Acq On : 4 Dec 2020 15:41
 Operator : JC/MD
 Sample : L4954-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS013-13-6695-120120

Quant Time: Dec 05 02:31:22 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	7.63	168	169138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	296272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	311474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140676	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102266	52.01	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.02%
35) Dibromofluoromethane	7.55	113	95243	53.72	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.44%
50) Toluene-d8	10.06	98	369576	51.02	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.04%
62) 4-Bromofluorobenzene	12.38	95	145057	55.96	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.92%

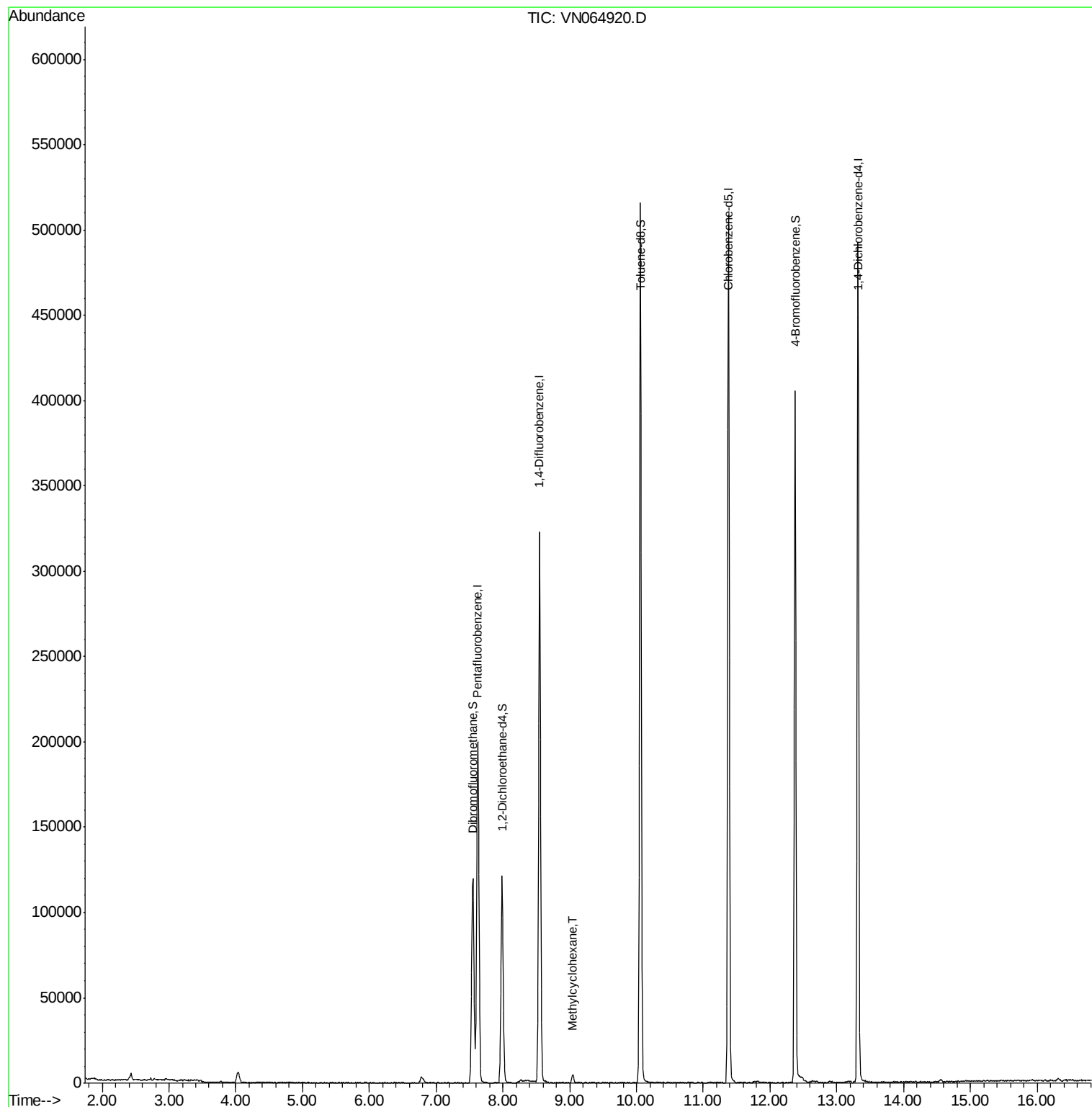
Target Compounds					Qvalue
39) Methylcyclohexane	9.05	83	2620	0.886 ug/l	94

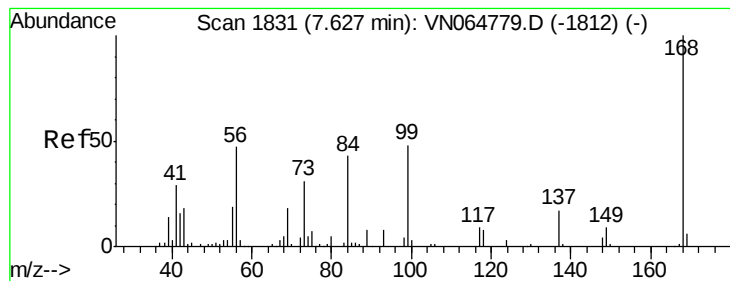
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064920.D

Acq: 4 Dec 2020 15:41

Instrument :

MSVOA_N

ClientSampleId :

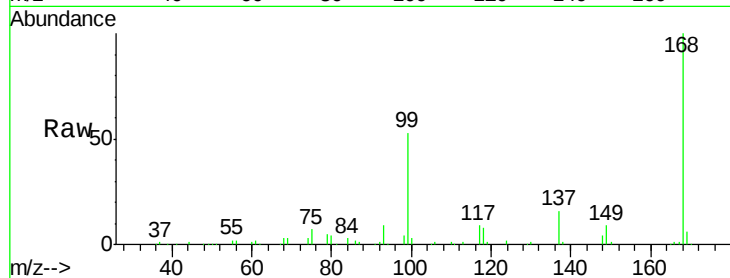
SS013-13-6695-120120

Tot Ion:168 Resp: 169138

Ion Ratio Lower Upper

168 100

99 52.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

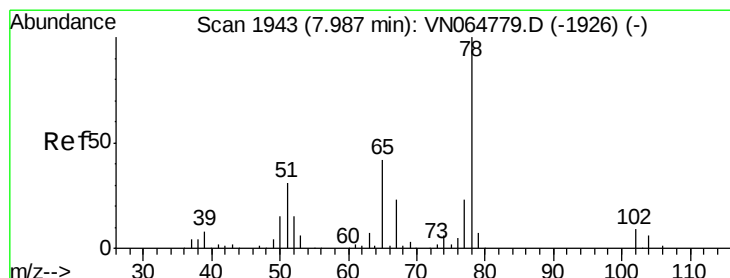
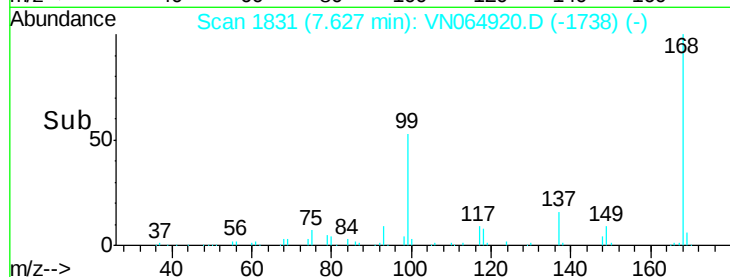
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.008 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064920.D

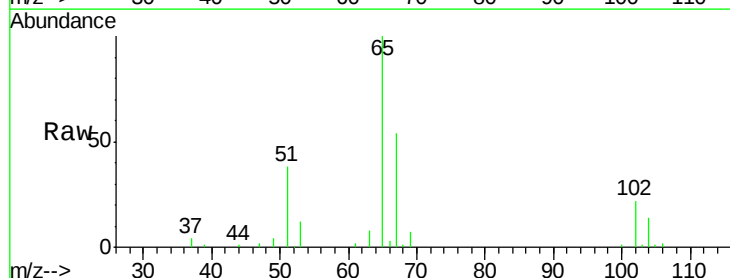
Acq: 4 Dec 2020 15:41

Tgt Ion: 65 Resp: 102266

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

7.99

50000

40000

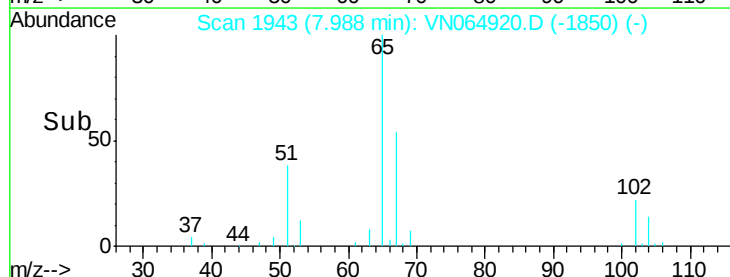
30000

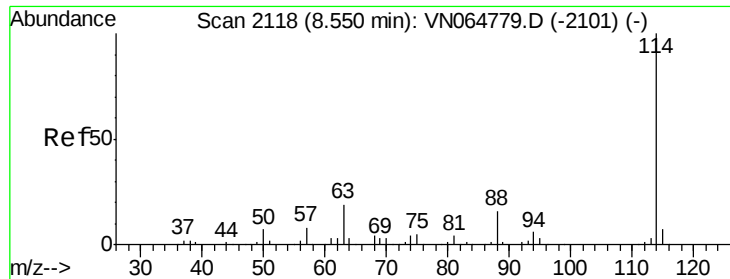
20000

10000

0

Time--> 7.90 8.00 8.10

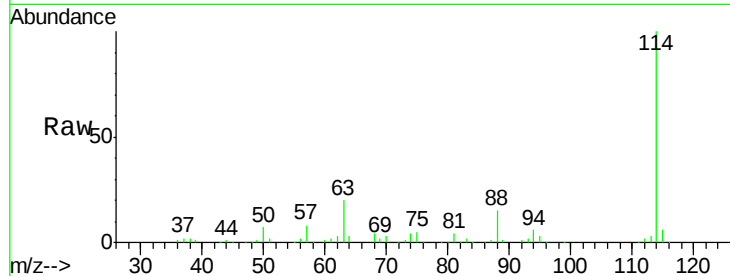




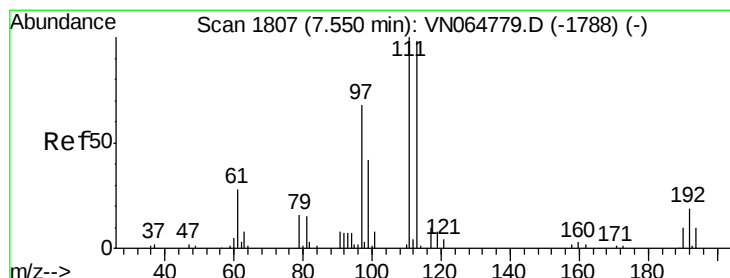
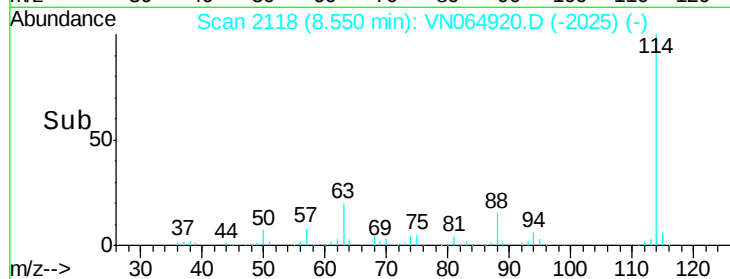
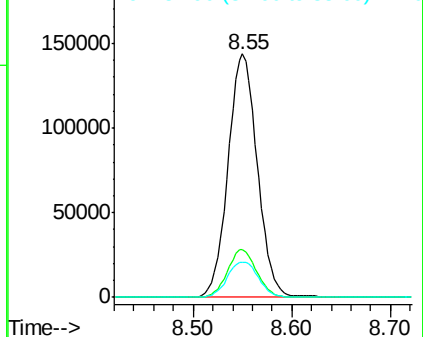
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064920.D
Acq: 4 Dec 2020 15:41

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6695-120120

Tot Ion:114 Resp: 296272
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.6
88 14.6 0.0 32.6

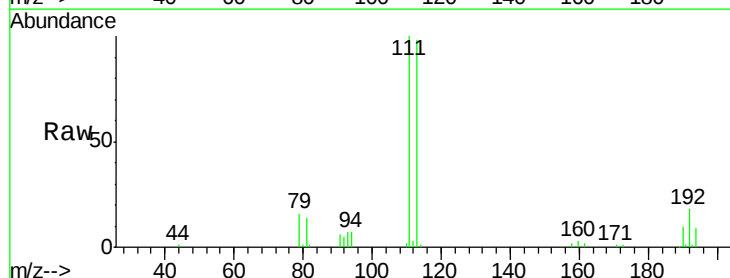


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

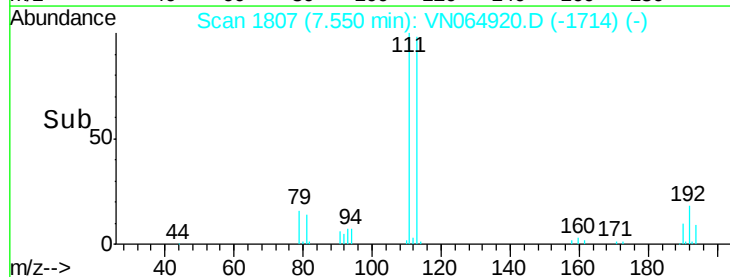
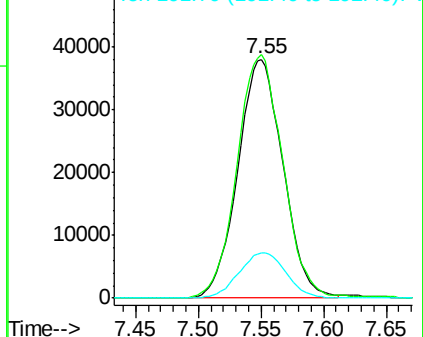


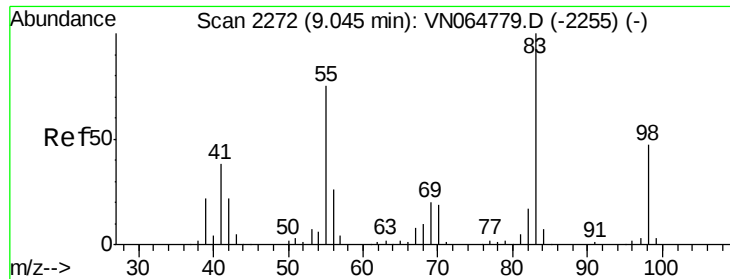
#35
Dibromofluoromethane
Concen: 53.725 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064920.D
Acq: 4 Dec 2020 15:41

Tgt Ion:113 Resp: 95243
Ion Ratio Lower Upper
113 100
111 103.3 81.6 122.4
192 19.7 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

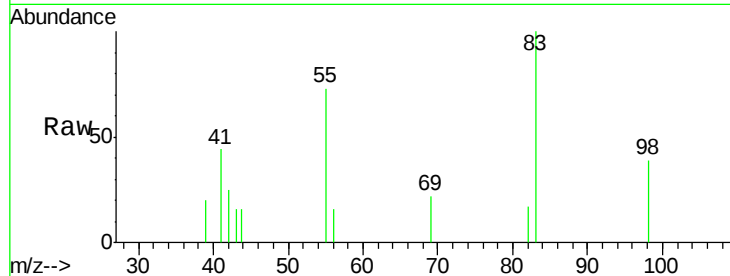




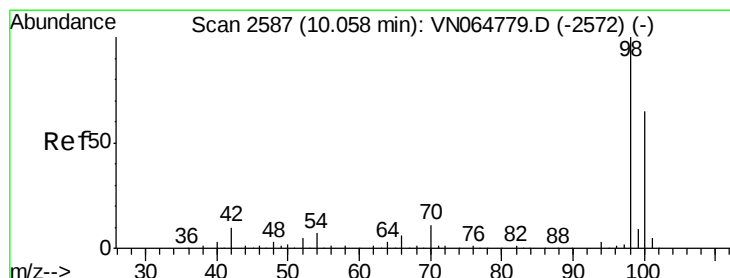
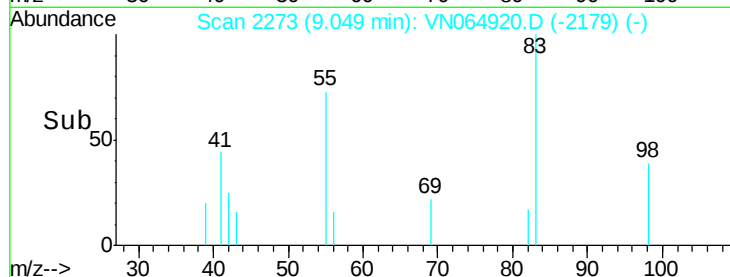
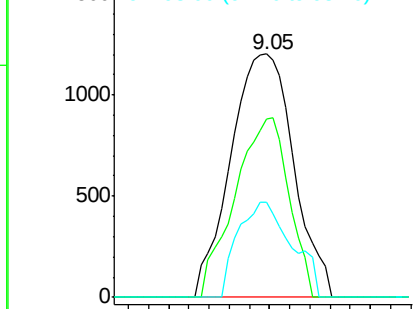
#39
Methvlcvclohexane
Concen: 0.886 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064920.D
Acq: 4 Dec 2020 15:41

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6695-120120

Tot Ion: 83 Resp: 2620
Ion Ratio Lower Upper
83 100
55 73.4 60.2 90.2
98 39.3 37.4 56.2

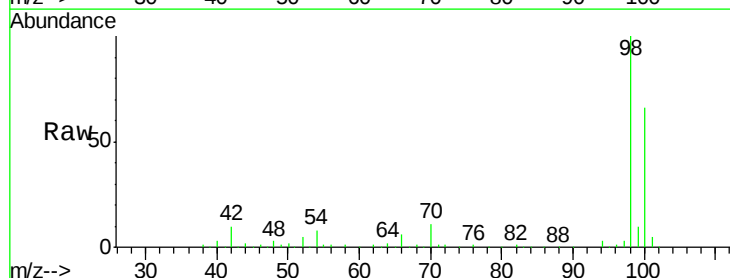


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

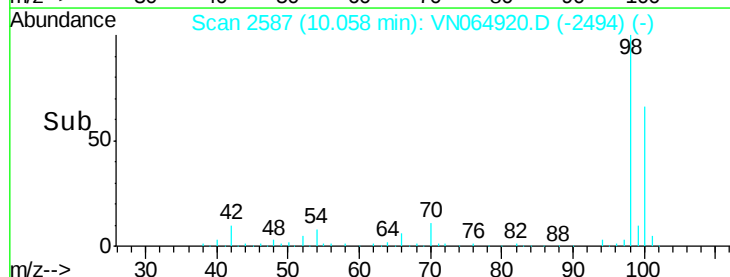
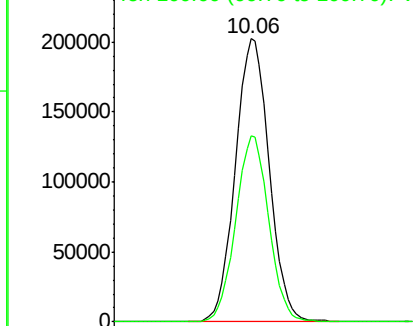


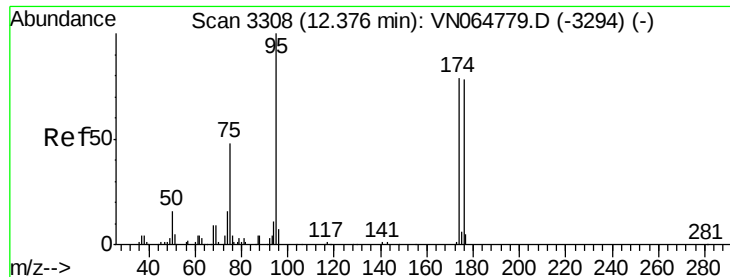
#50
Toluene-d8
Concen: 51.022 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064920.D
Acq: 4 Dec 2020 15:41

Tgt Ion: 98 Resp: 369576
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 55.957 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064920.D

Acq: 4 Dec 2020 15:41

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6695-120120

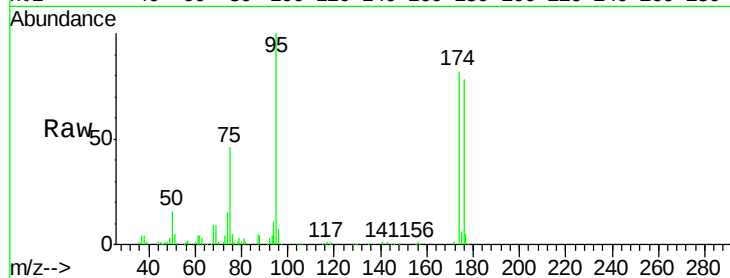
Tot Ion: 95 Resp: 145057

Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.4

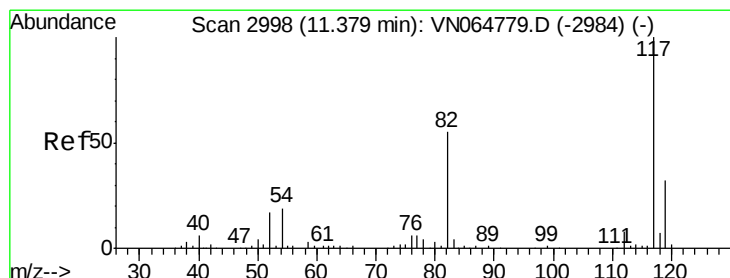
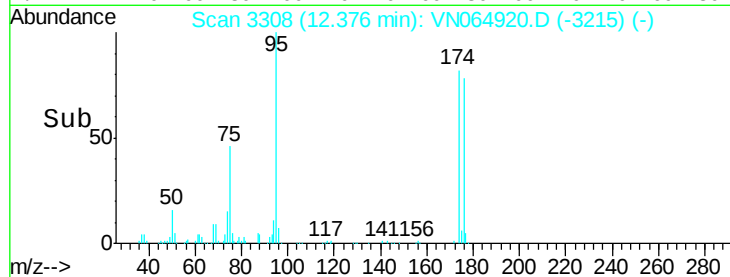
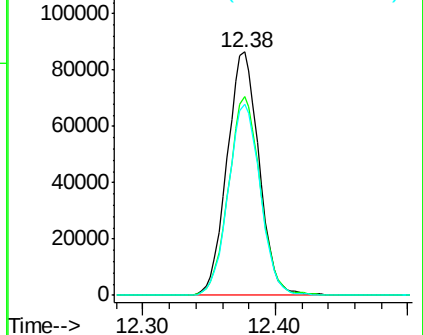
176 78.5 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064920.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064920.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064920.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064920.D

Acq: 4 Dec 2020 15:41

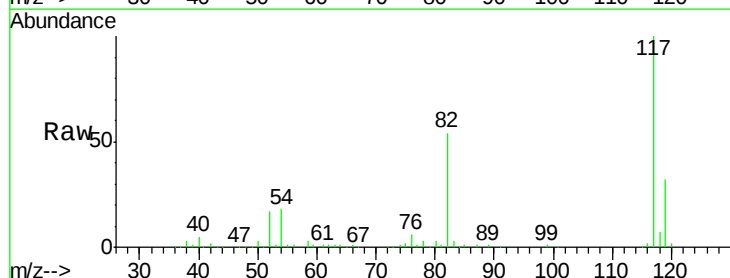
Tgt Ion: 117 Resp: 311474

Ion Ratio Lower Upper

117 100

82 53.6 44.2 66.2

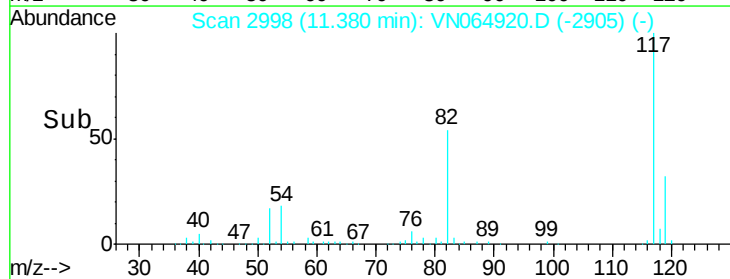
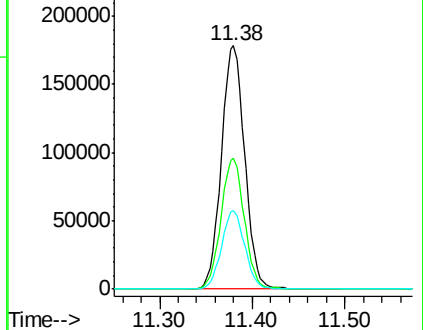
119 32.3 25.8 38.6

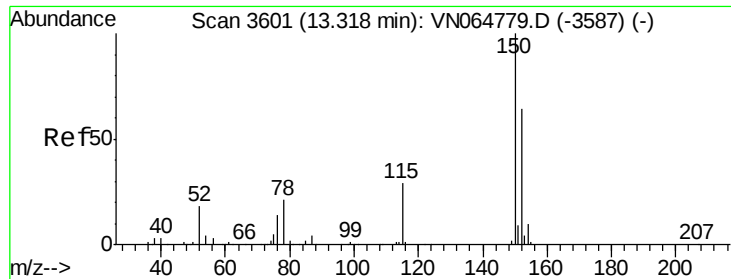


Abundance Ion 116.90 (116.60 to 117.60): VN064920.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064920.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064920.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064920.D

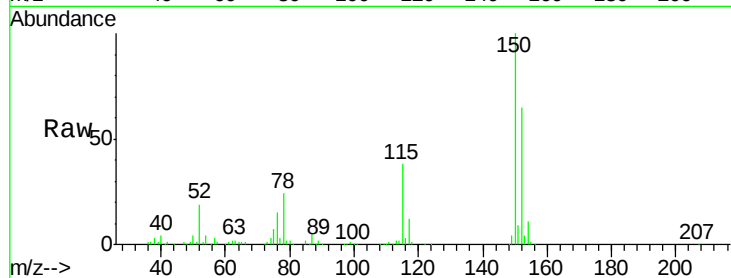
Acq: 4 Dec 2020 15:41

Instrument :

MSVOA_N

ClientSampleId :

SS013-13-6695-120120



Tot Ion:152 Resp: 140676

Ion Ratio Lower Upper

152 100

115 59.6 29.7 89.1

150 156.7 0.0 350.6

