

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064990.D
 Acq On : 9 Dec 2020 00:39
 Operator : JC/MD
 Sample : L4965-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CRT012

Quant Time: Dec 09 08:12:34 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	166784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	312322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	332704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139360	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	106076	54.71	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	109.42%	
35) Dibromofluoromethane	7.55	113	99846	53.43	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	106.86%	
50) Toluene-d8	10.06	98	396543	51.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.38	95	150366	55.02	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	110.04%	

Target Compounds

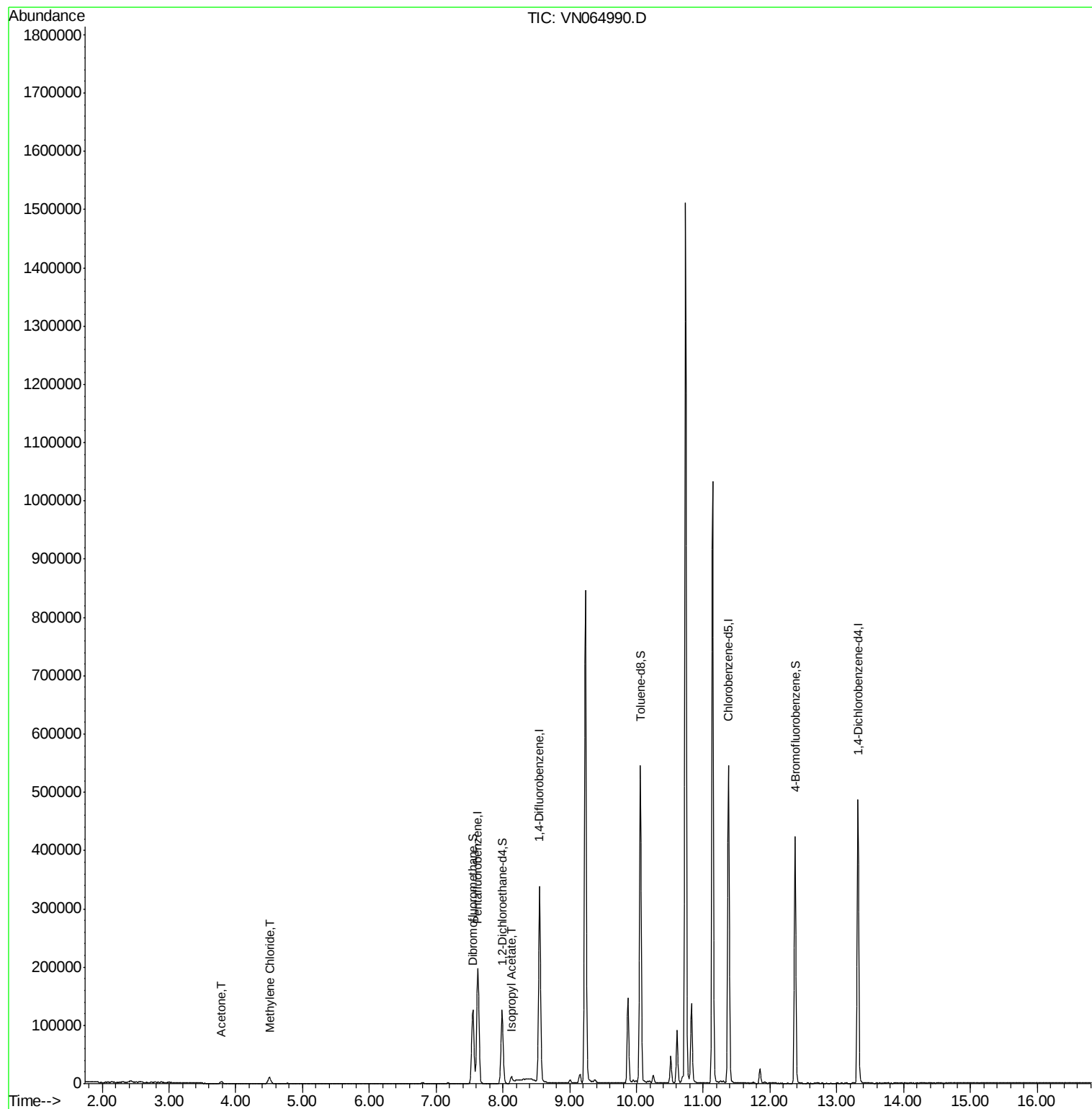
					Qvalue
16) Acetone	3.78	43	5798	9.096 ug/l #	85
20) Methylene Chloride	4.50	84	8246	4.129 ug/l	85
43) Isopropyl Acetate	8.13	43	17478	3.895 ug/l #	90

(#) = 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: VN064990.D

Acq: 9 Dec 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

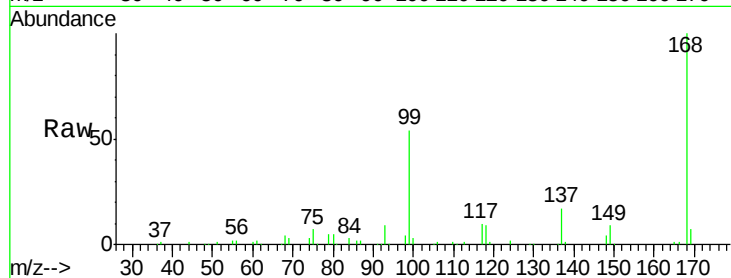
CRT012

Tot Ion:168 Resp: 166784

Ion Ratio Lower Upper

168 100

99 54.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

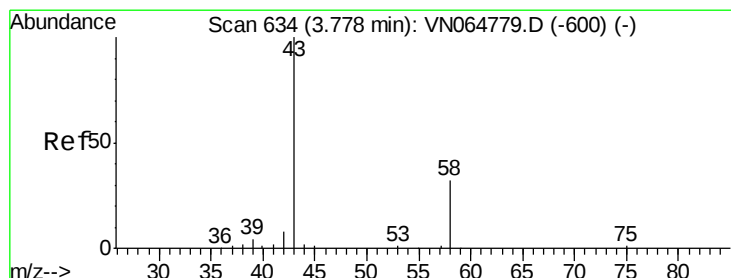
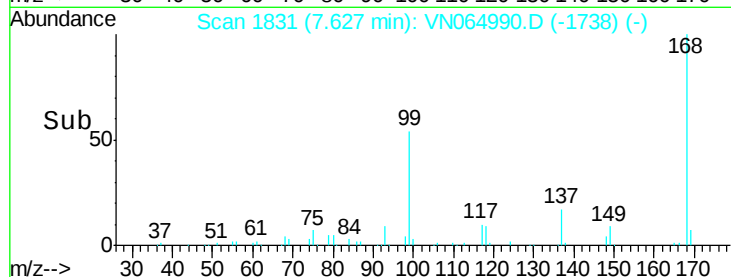
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.096 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064990.D

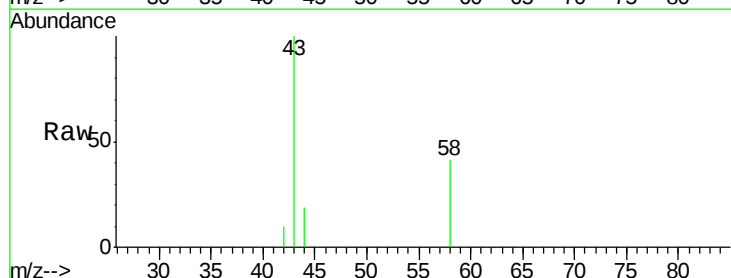
Acq: 9 Dec 2020 00:39

Tgt Ion: 43 Resp: 5798

Ion Ratio Lower Upper

43 100

58 40.6 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

2000

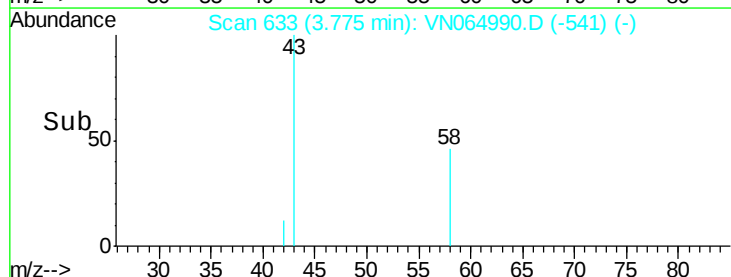
1500

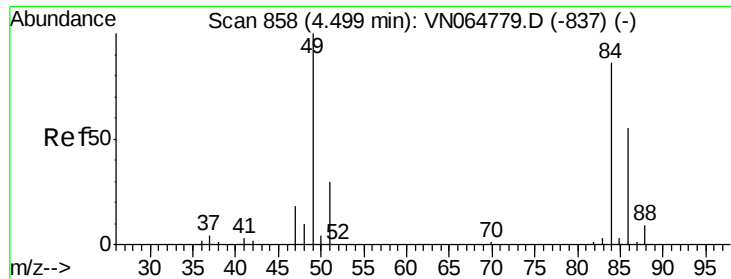
1000

500

0

Time--> 3.70 3.75 3.80 3.85

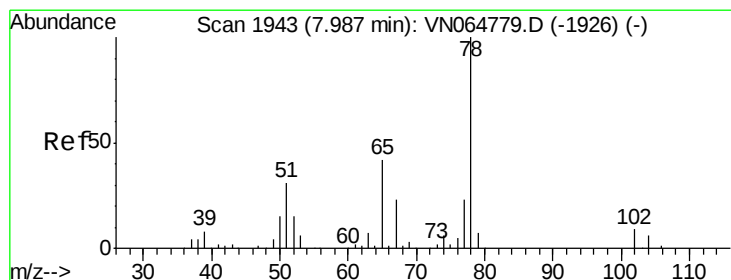
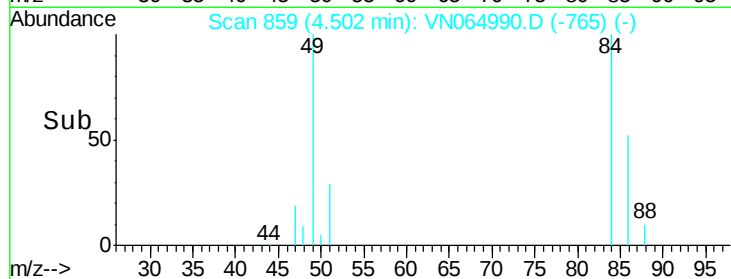
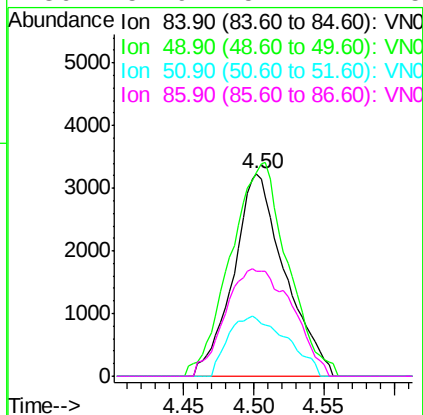
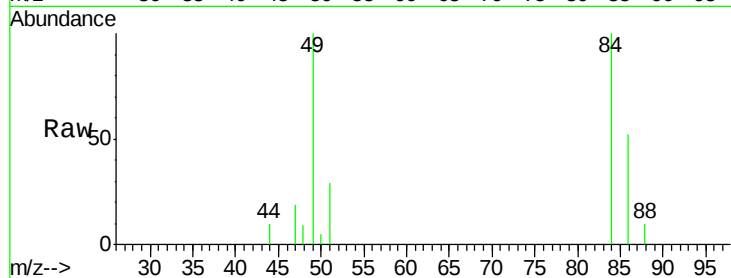




#20
Methvlene Chloride
Concen: 4.129 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064990.D
Acq: 9 Dec 2020 00:39

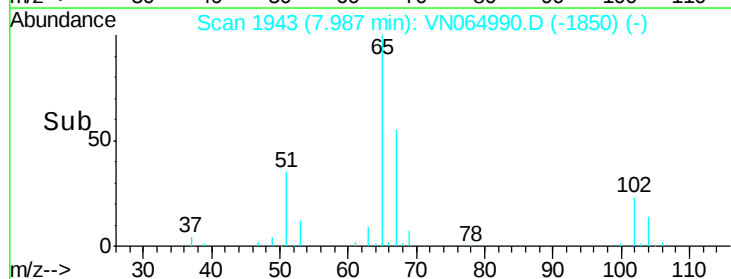
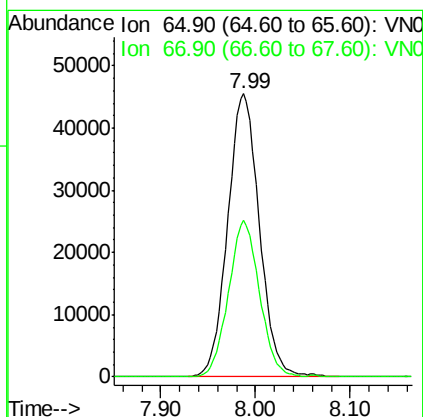
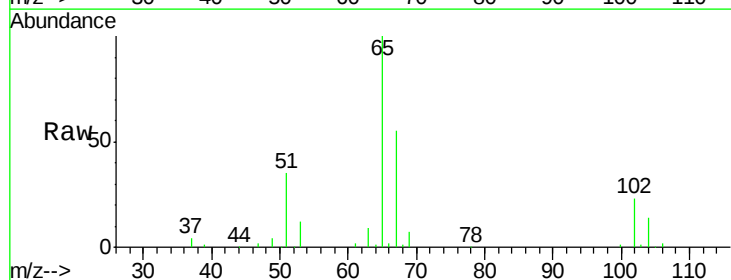
Instrument :
MSVOA_N
ClientSampled :
CRT012

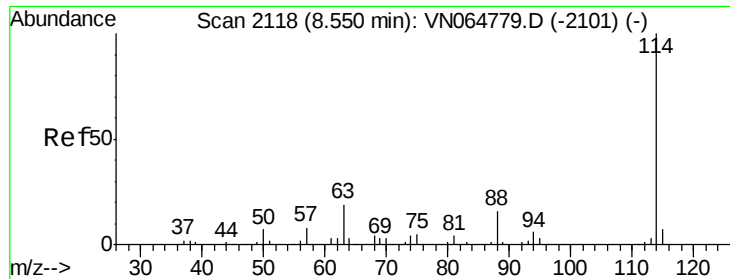
Tot Ion: 84 Resp: 8246
Ion Ratio Lower Upper
84 100
49 100.3 93.4 140.0
51 28.6 28.2 42.4
86 51.9 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 54.707 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064990.D
Acq: 9 Dec 2020 00:39

Tgt Ion: 65 Resp: 106076
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.2

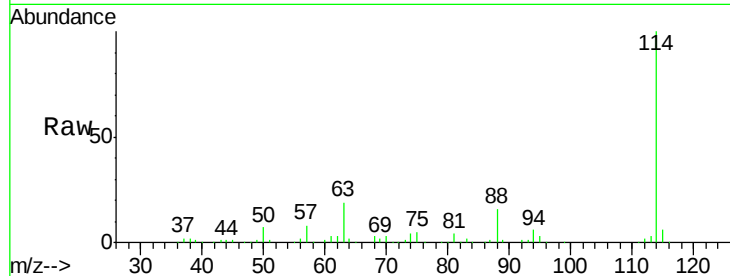




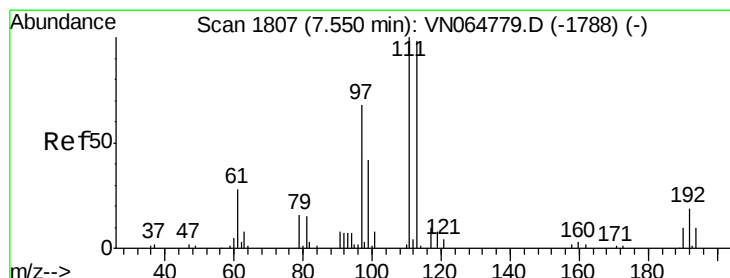
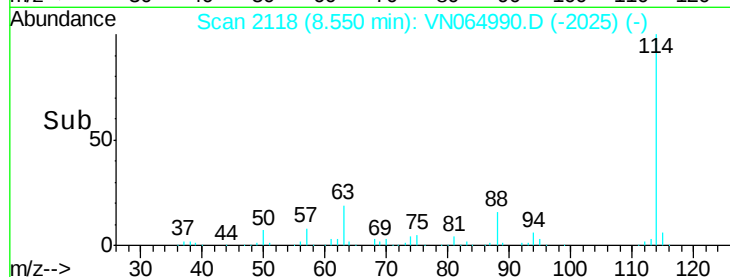
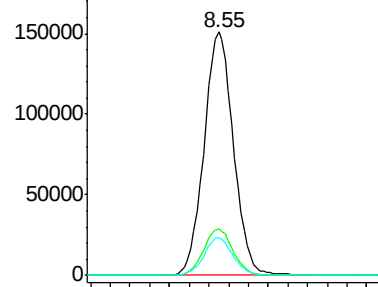
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064990.D
Acq: 9 Dec 2020 00:39

Instrument :
MSVOA_N
ClientSampleId :
CRT012

Tot Ion:114 Resp: 312322
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.6
88 15.7 0.0 32.6

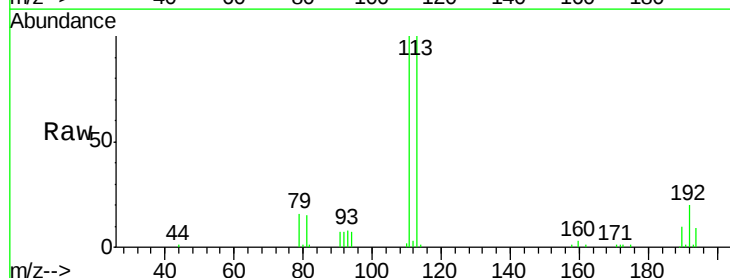


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

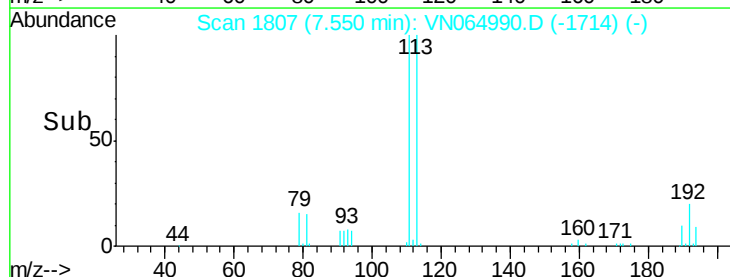
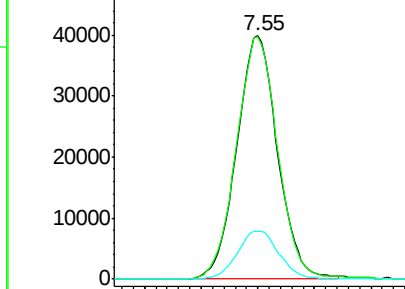


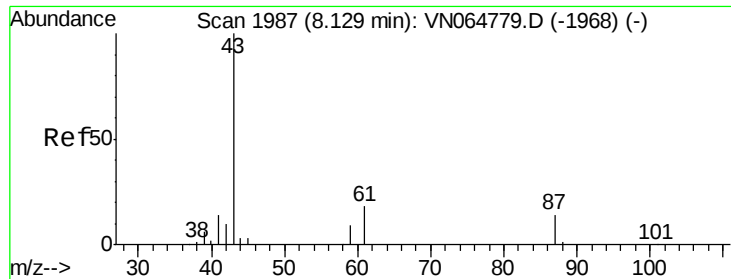
#35
Dibromofluoromethane
Concen: 53.427 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064990.D
Acq: 9 Dec 2020 00:39

Tgt Ion:113 Resp: 99846
Ion Ratio Lower Upper
113 100
111 101.1 81.6 122.4
192 20.2 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





#43

Isopropyl Acetate

Concen: 3.895 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064990.D

Acq: 9 Dec 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

CRT012

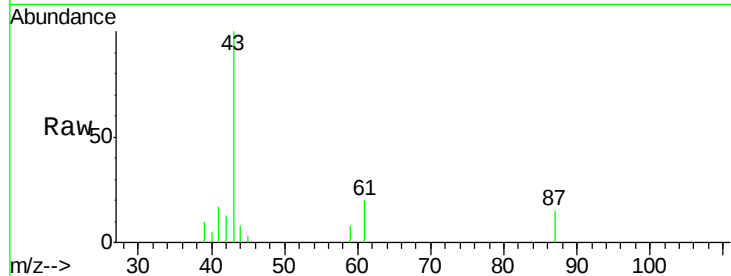
Tot Ion: 43 Resp: 17478

Ion Ratio Lower Upper

43 100

61 16.1 17.2 25.8#

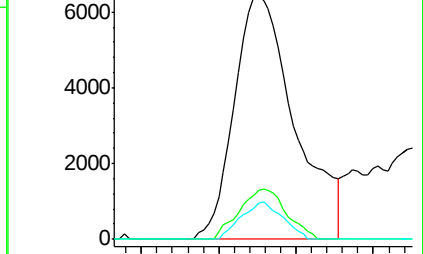
87 10.6 11.4 17.0#



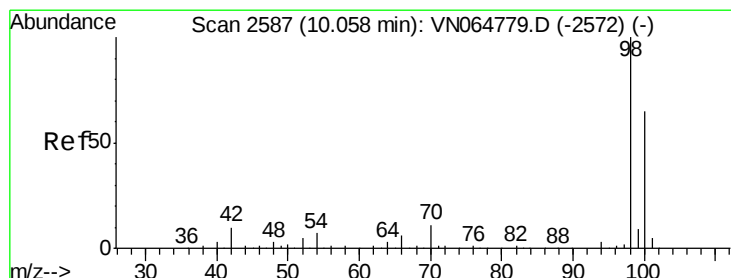
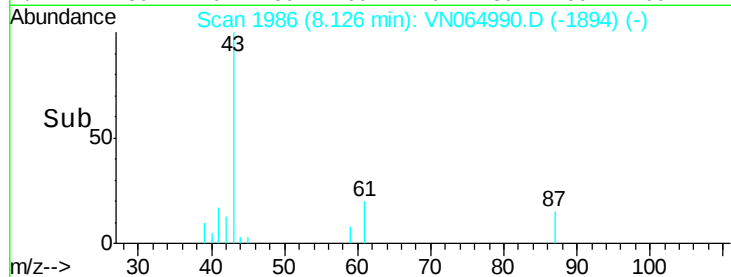
Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



Time-->



#50

Toluene-d8

Concen: 51.931 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064990.D

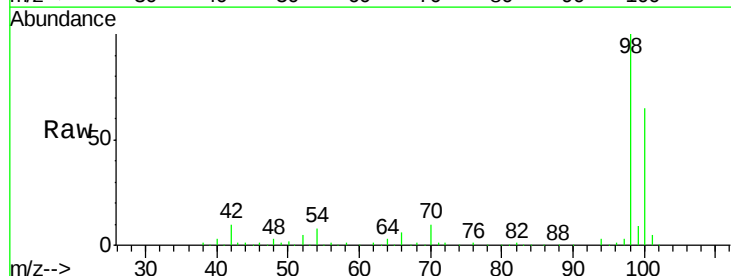
Acq: 9 Dec 2020 00:39

Tgt Ion: 98 Resp: 396543

Ion Ratio Lower Upper

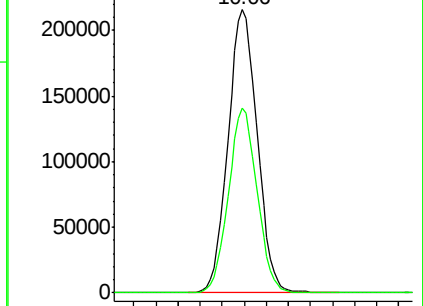
98 100

100 64.1 51.7 77.5

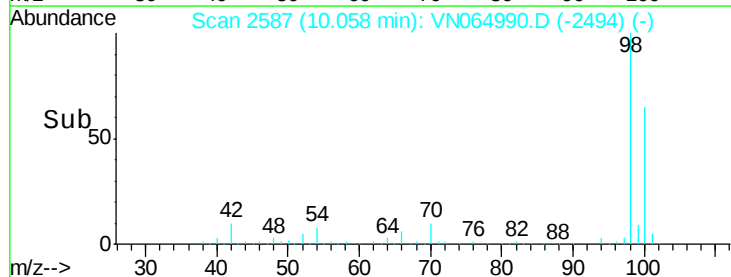


Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 55.024 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064990.D

Acq: 9 Dec 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

CRT012

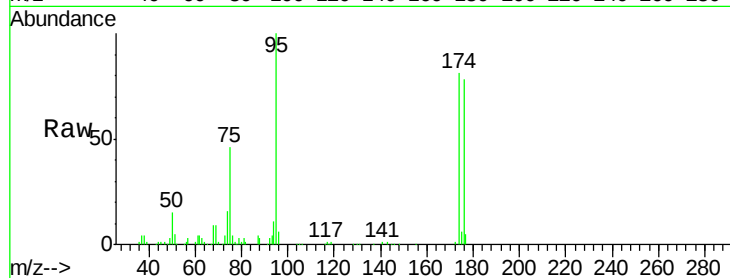
Tot Ion: 95 Resp: 150366

Ion Ratio Lower Upper

95 100

174 81.7 0.0 160.4

176 79.1 0.0 158.4

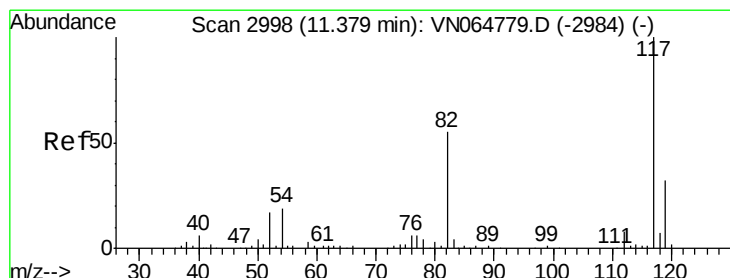
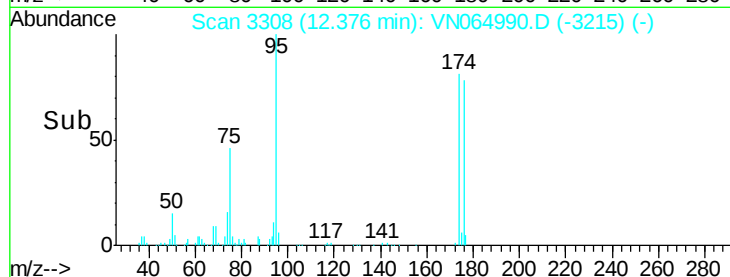
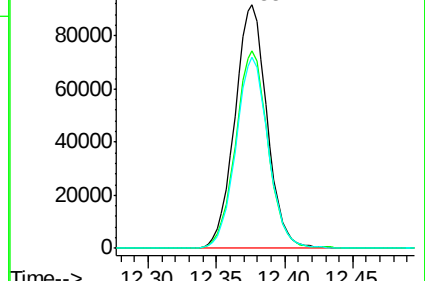


Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)

12.38



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064990.D

Acq: 9 Dec 2020 00:39

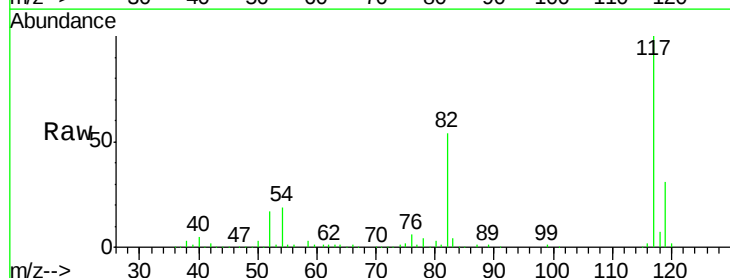
Tgt Ion: 117 Resp: 332704

Ion Ratio Lower Upper

117 100

82 54.0 44.2 66.2

119 31.3 25.8 38.6

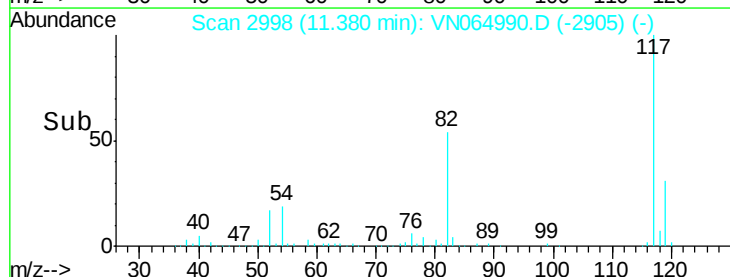
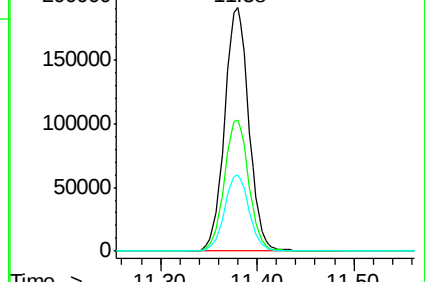


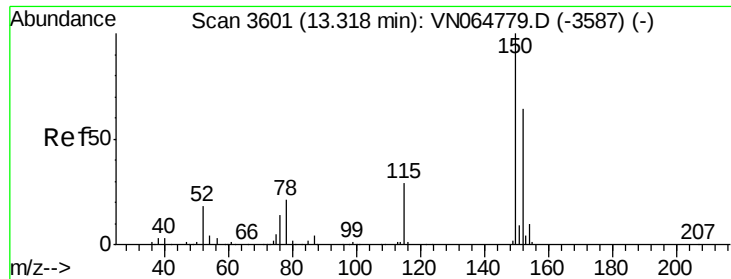
Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

Ion 82.00 (81.70 to 82.70): VN064779.D (-2984) (-)

Ion 118.90 (118.60 to 119.60): VN064779.D (-2984) (-)

11.38





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064990.D

Acq: 9 Dec 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

CRT012

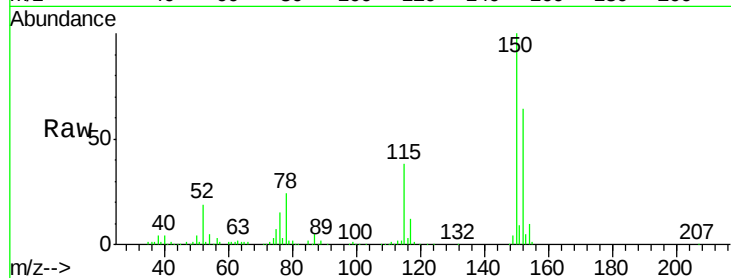
Tot Ion:152 Resp: 139360

Ion Ratio Lower Upper

152 100

115 58.8 29.7 89.1

150 157.9 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

