

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064691.D
 Acq On : 17 Nov 2020 19:31
 Operator : JC/MD
 Sample : L4769-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1089

Quant Time: Nov 18 03:17:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

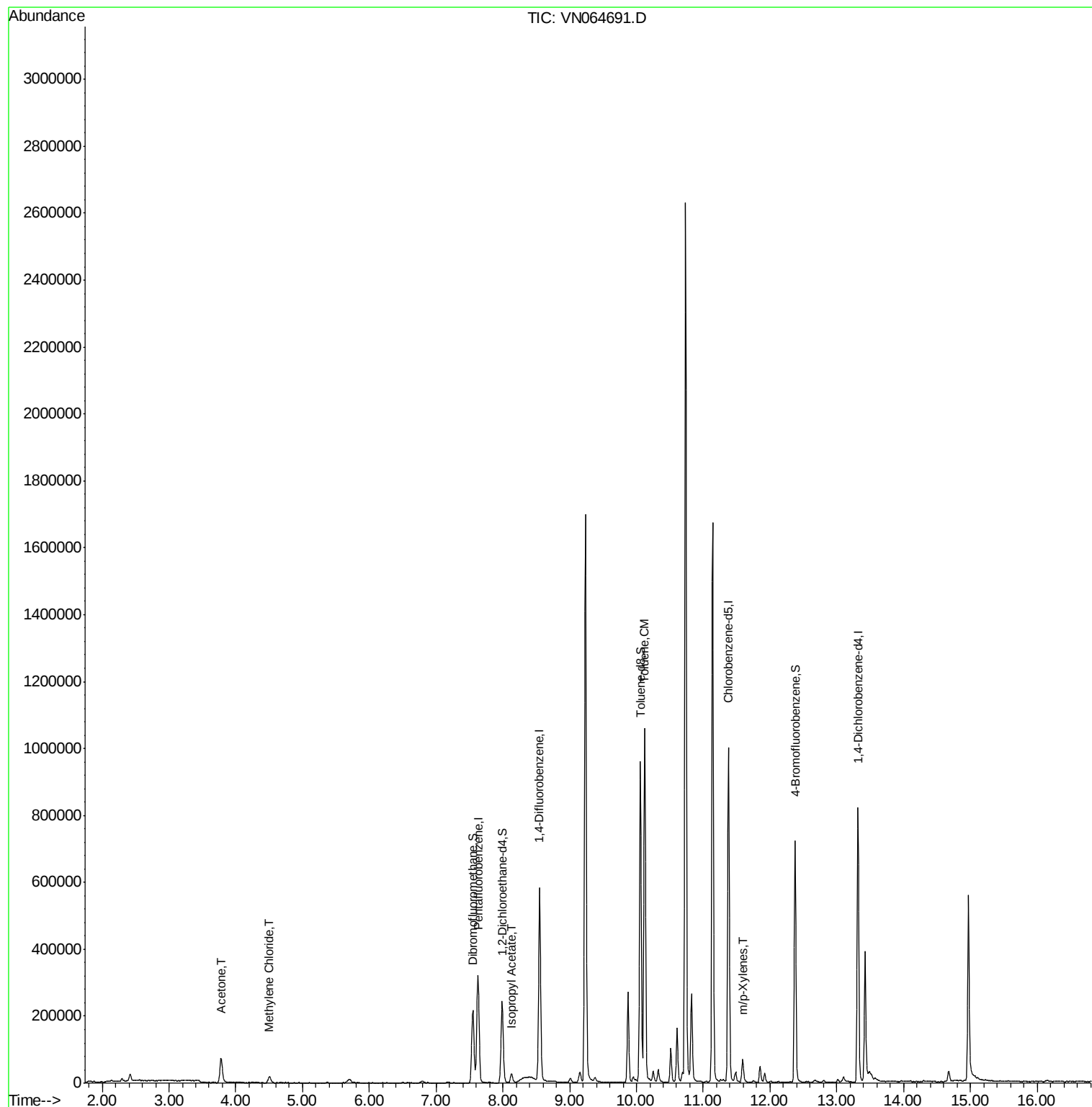
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	231209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	474749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	534657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	222688	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
35) Dibromofluoromethane	7.55	113	161406	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.06	98	634659	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.38	95	252168	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
Target Compounds						
16) Acetone	3.78	43	127561	83.152	ug/l	99
20) Methylene Chloride	4.51	84	12308	4.044	ug/l #	90
43) Isopropyl Acetate	8.13	43	32679	4.021	ug/l	96
52) Toluene	10.12	92	436330	48.542	ug/l	97
68) m/p-Xylenes	11.59	106	20748	2.744	ug/l	100

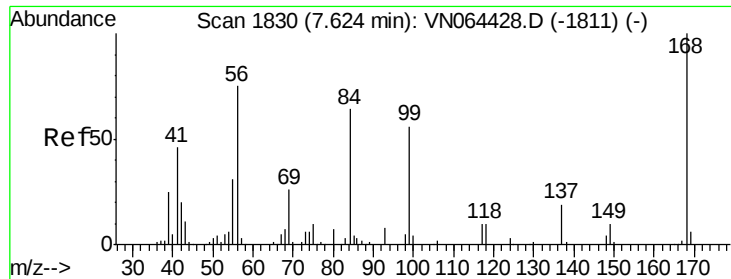
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111720\
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Quant Title : SW846 8260
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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: VN064691.D

Acq: 17 Nov 2020 19:31

Instrument :

MSVOA_N

ClientSampled :

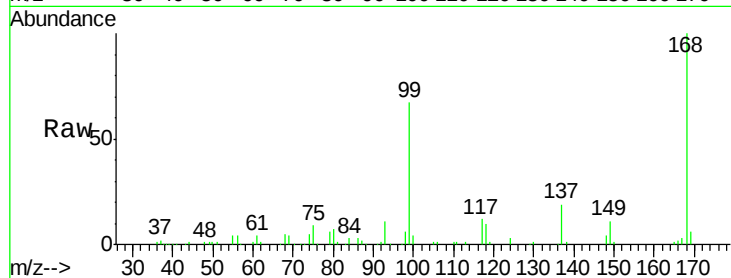
TRE-1089

Tot Ion:168 Resp: 231209

Ion Ratio Lower Upper

168 100

99 67.1 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

60000

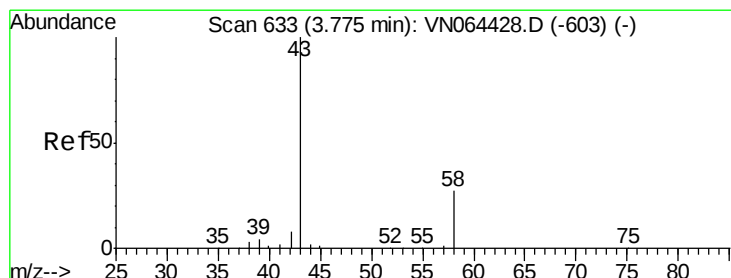
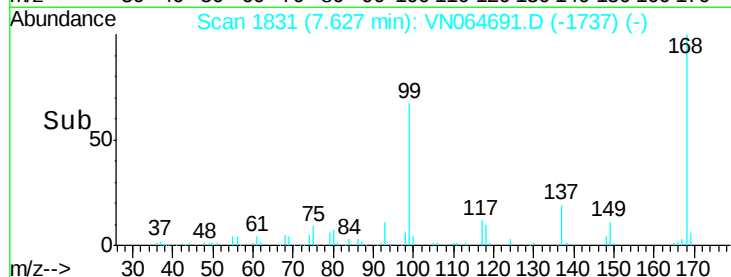
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 83.152 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064691.D

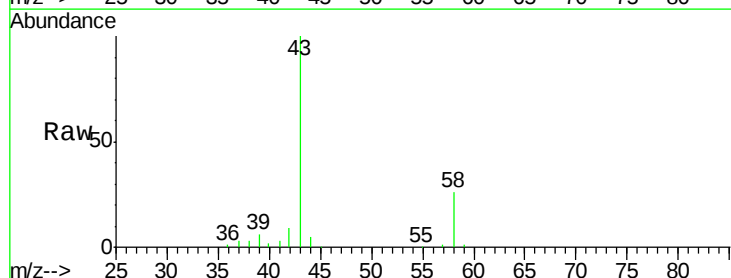
Acq: 17 Nov 2020 19:31

Tgt Ion: 43 Resp: 127561

Ion Ratio Lower Upper

43 100

58 26.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

50000

40000

30000

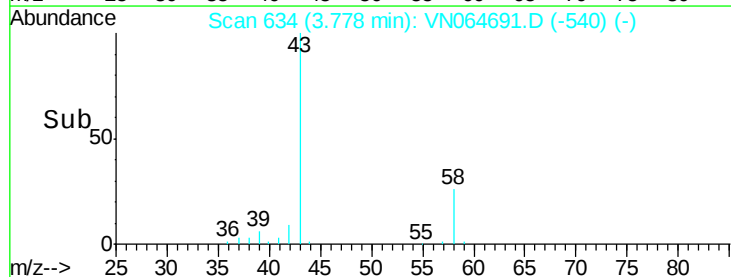
20000

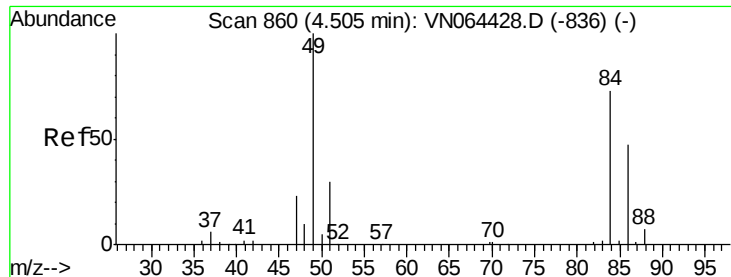
10000

0

Time-->

3.70 3.80 3.90

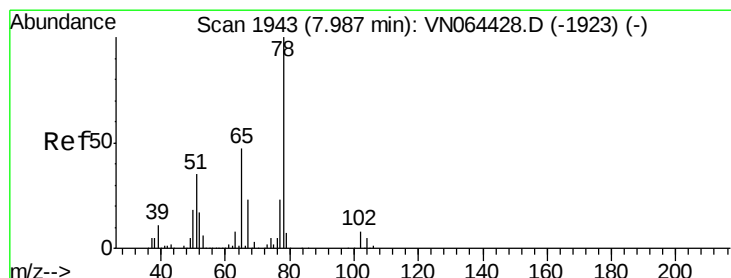
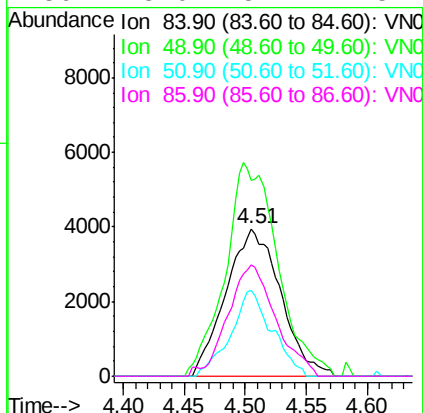
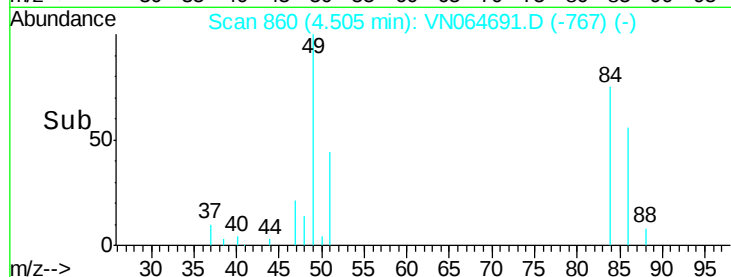
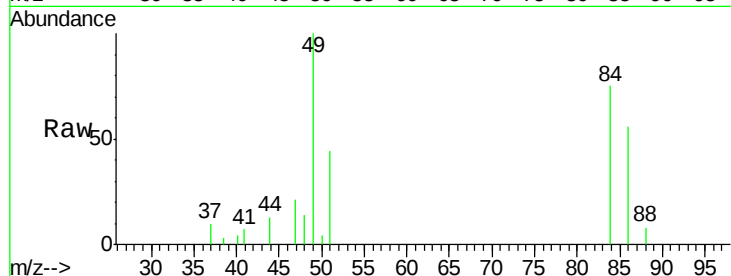




#20
Methylene Chloride
Concen: 4.044 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064691.D
Acq: 17 Nov 2020 19:31

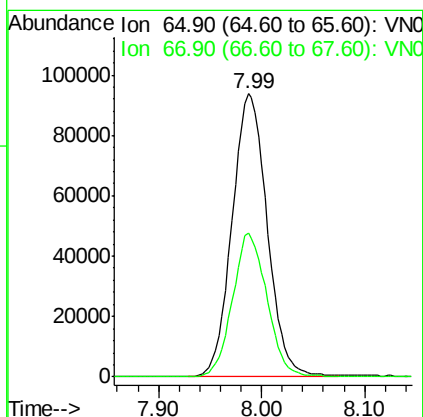
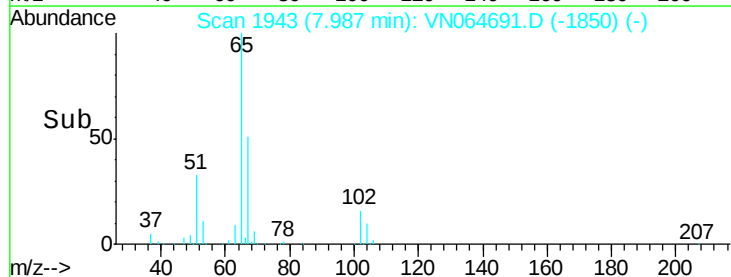
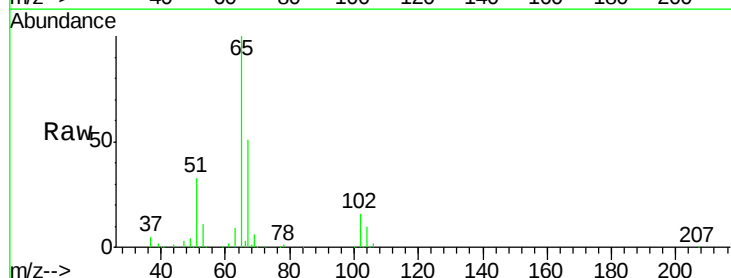
Instrument :
MSVOA_N
ClientSampled :
TRE-1089

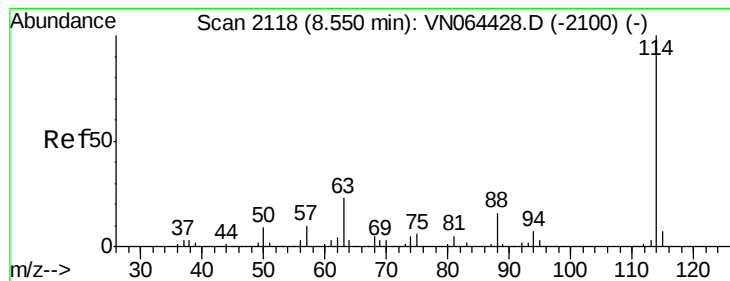
Tot Ion: 84 Resp: 12308
Ion Ratio Lower Upper
84 100
49 132.8 110.1 165.1
51 58.4 33.6 50.4#
86 75.0 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 55.295 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064691.D
Acq: 17 Nov 2020 19:31

Tgt Ion: 65 Resp: 222688
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064691.D

Acq: 17 Nov 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

TRE-1089

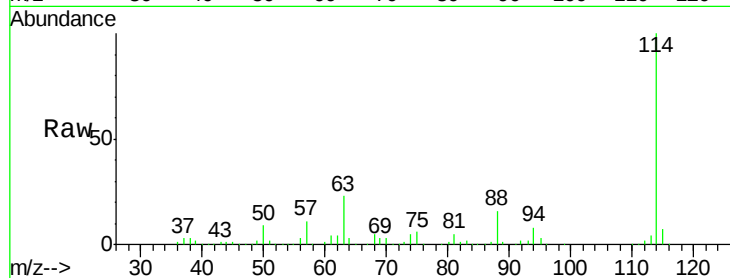
Tot Ion:114 Resp: 474749

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.6

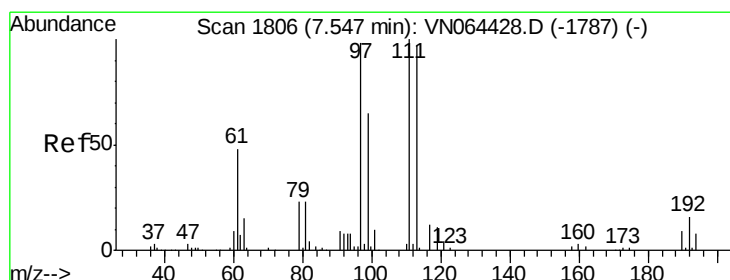
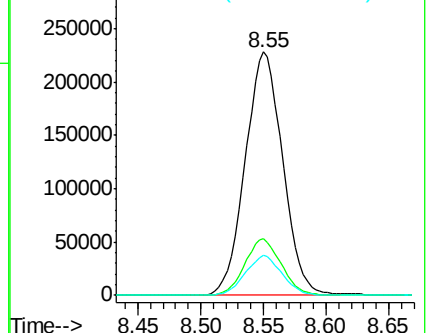
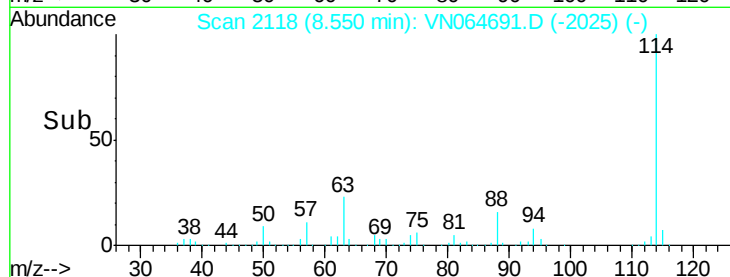
88 16.3 0.0 32.8



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: 49.934 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064691.D

Acq: 17 Nov 2020 19:31

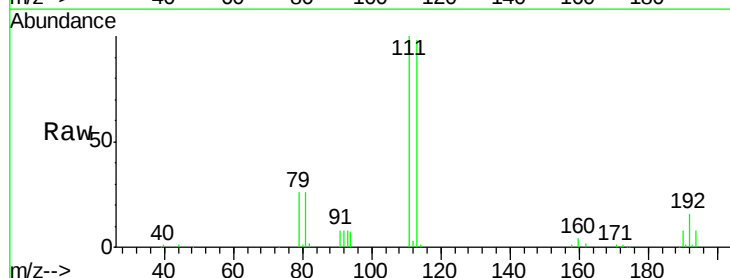
Tgt Ion:113 Resp: 161406

Ion Ratio Lower Upper

113 100

111 104.1 81.1 121.7

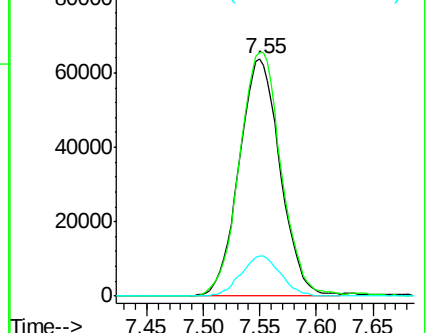
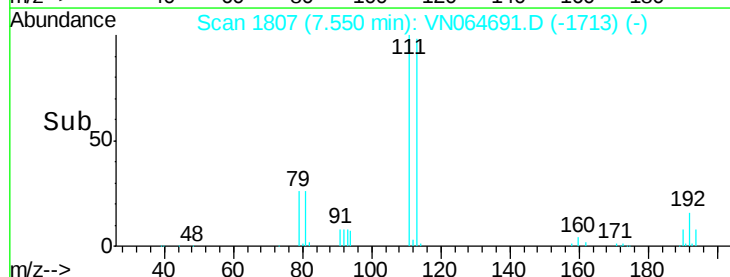
192 16.3 12.8 19.2

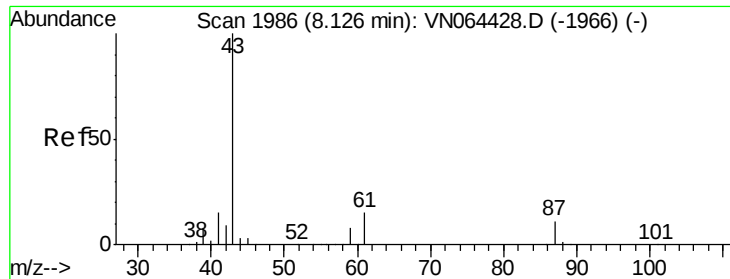


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.021 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064691.D

Acq: 17 Nov 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

TRE-1089

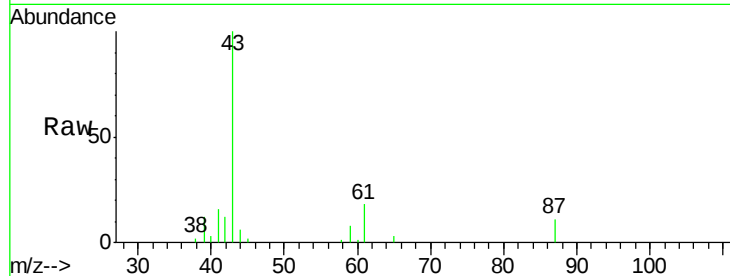
Tot Ion: 43 Resp: 32679

Ion Ratio Lower Upper

43 100

61 19.1 14.0 21.0

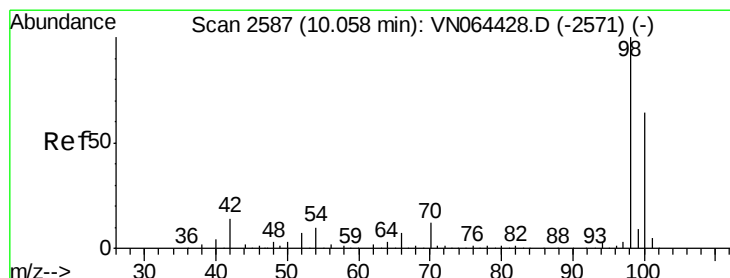
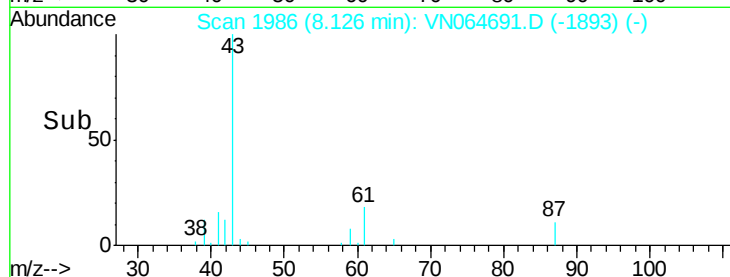
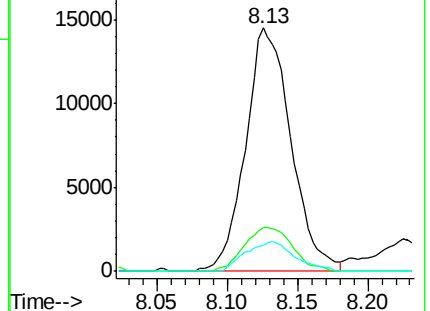
87 13.1 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)



#50

Toluene-d8

Concen: 50.800 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064691.D

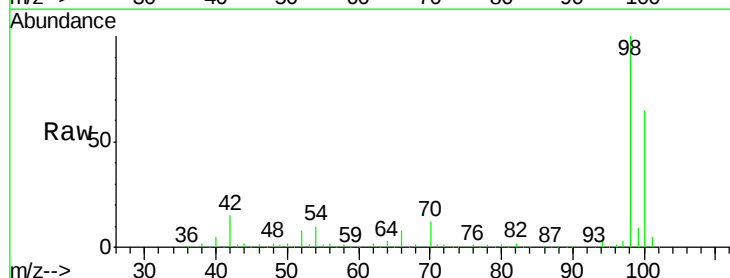
Acq: 17 Nov 2020 19:31

Tgt Ion: 98 Resp: 634659

Ion Ratio Lower Upper

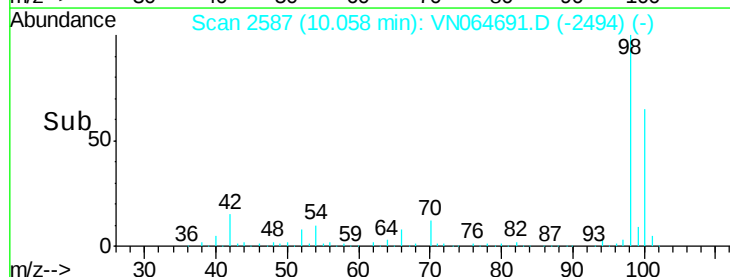
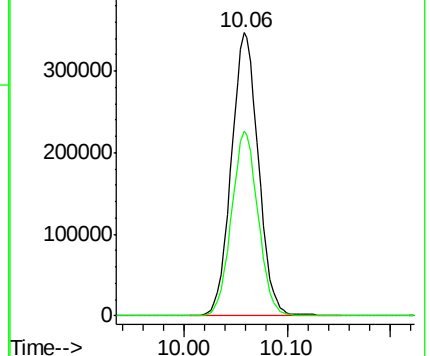
98 100

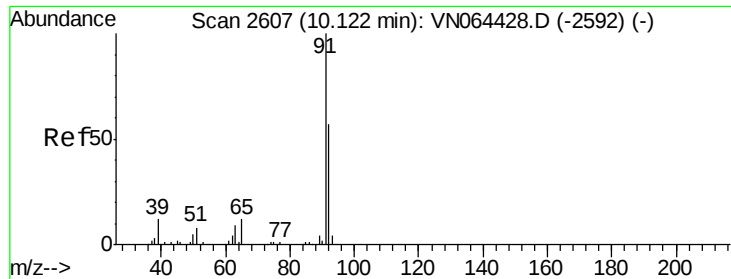
100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)





#52

Toluene

Concen: 48.542 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064691.D

Acq: 17 Nov 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

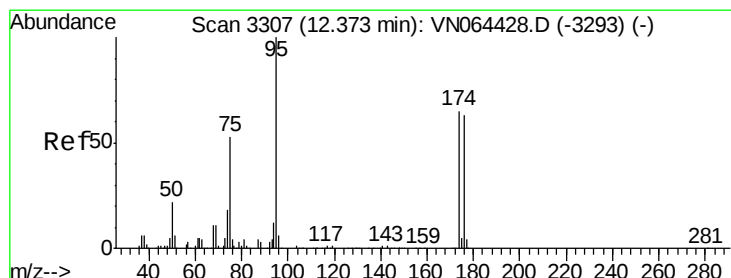
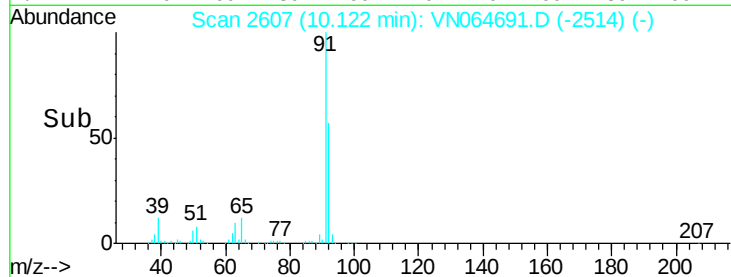
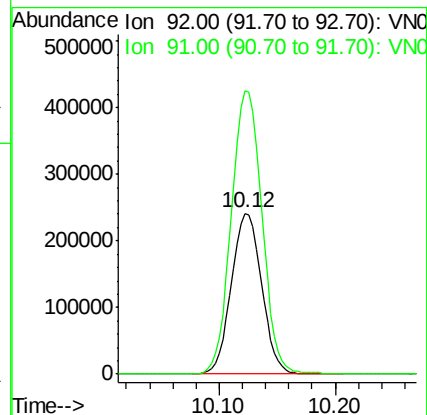
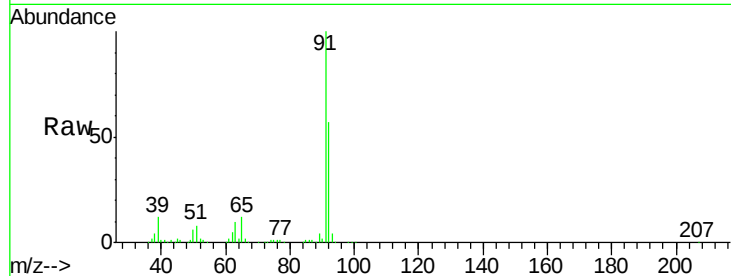
TRE-1089

Tot Ion: 92 Resp: 436330

Ion Ratio Lower Upper

92 100

91 178.6 139.6 209.4



#62

4-Bromofluorobenzene

Concen: 53.371 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064691.D

Acq: 17 Nov 2020 19:31

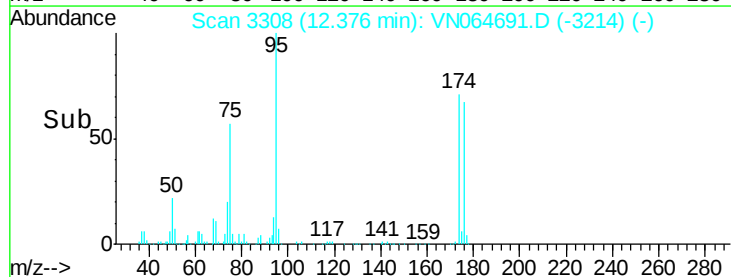
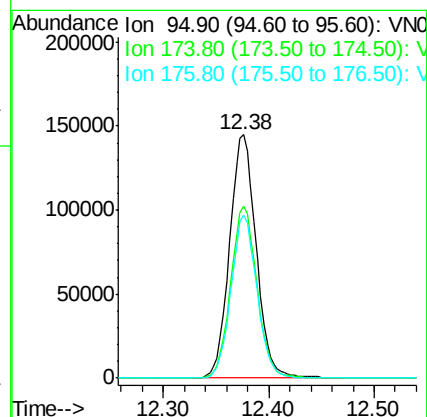
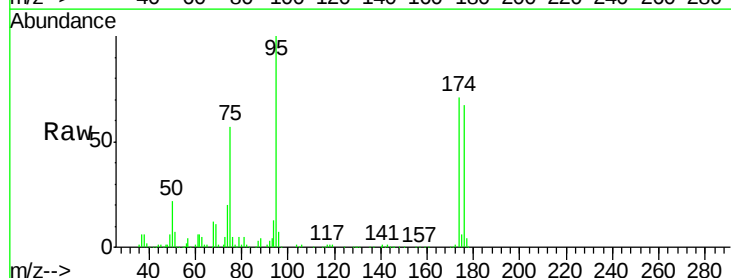
Tgt Ion: 95 Resp: 252168

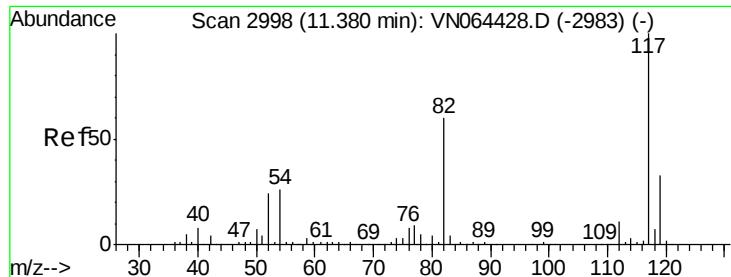
Ion Ratio Lower Upper

95 100

174 70.3 0.0 132.6

176 65.2 0.0 129.2

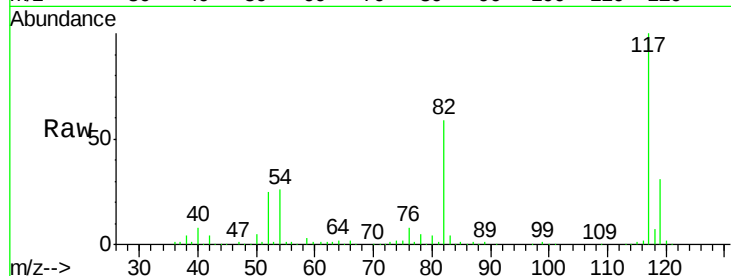




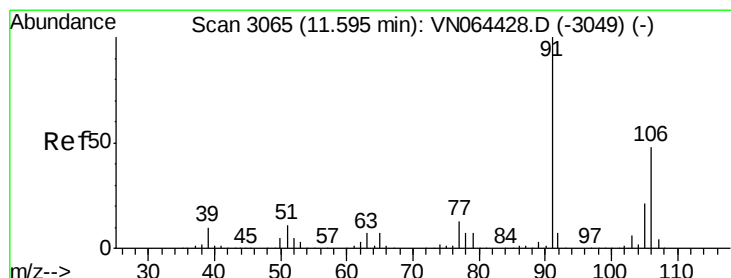
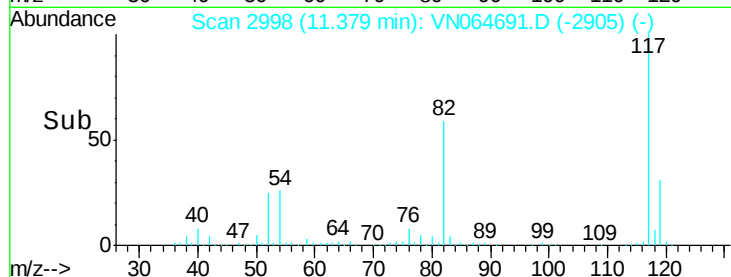
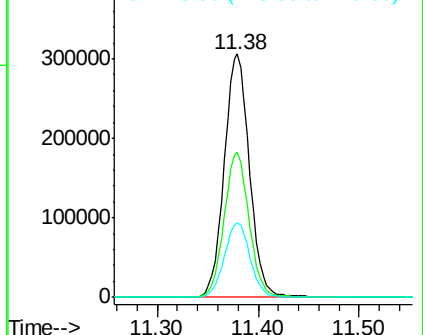
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064691.D
Acq: 17 Nov 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
TRE-1089

Tot Ion:117 Resp: 534657
Ion Ratio Lower Upper
117 100
82 59.4 48.1 72.1
119 30.8 26.2 39.4

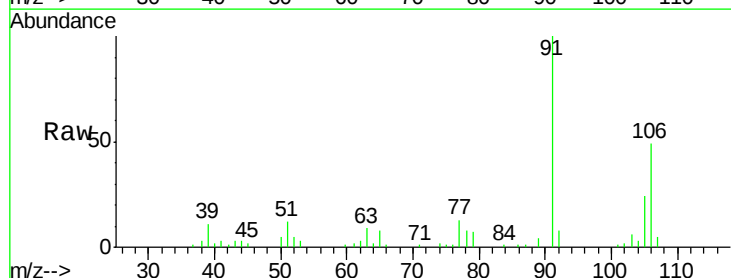


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

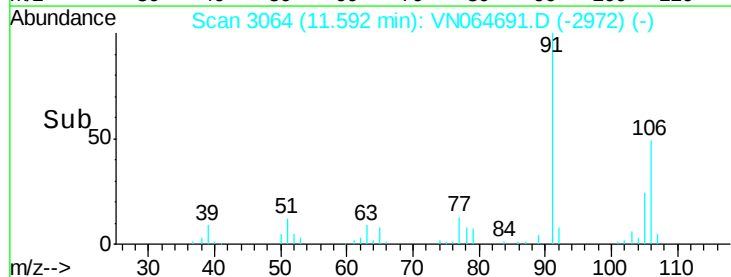
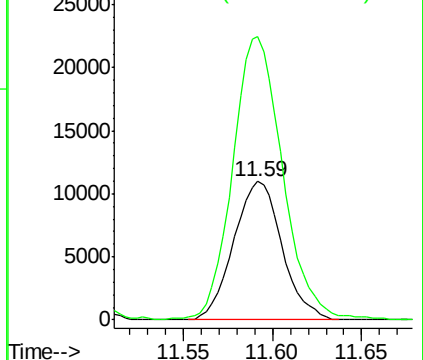


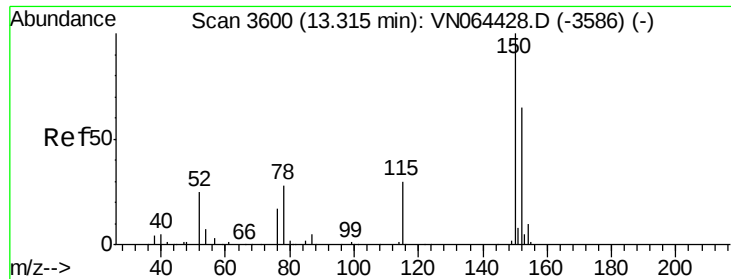
#68
m/p-Xylenes
Concen: 2.744 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064691.D
Acq: 17 Nov 2020 19:31

Tgt Ion:106 Resp: 20748
Ion Ratio Lower Upper
106 100
91 212.2 169.4 254.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064691.D

Acq: 17 Nov 2020 19:31

Instrument :

MSVOA_N

ClientSampleId :

TRE-1089

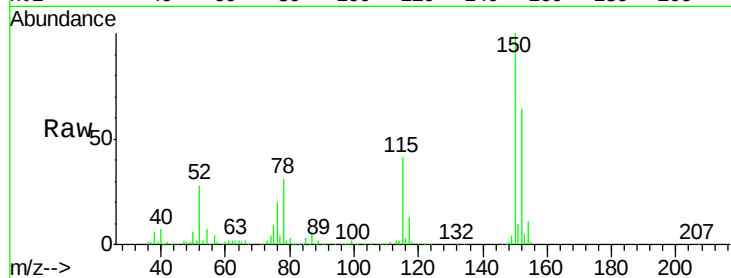
Tot Ion:152 Resp: 205086

Ion Ratio Lower Upper

152 100

115 64.3 32.0 96.0

150 156.5 0.0 353.8



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

