

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064344.D
 Acq On : 28 Oct 2020 11:54
 Operator : JC/MD
 Sample : L4547-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20201027

Quant Time: Oct 29 02:40:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

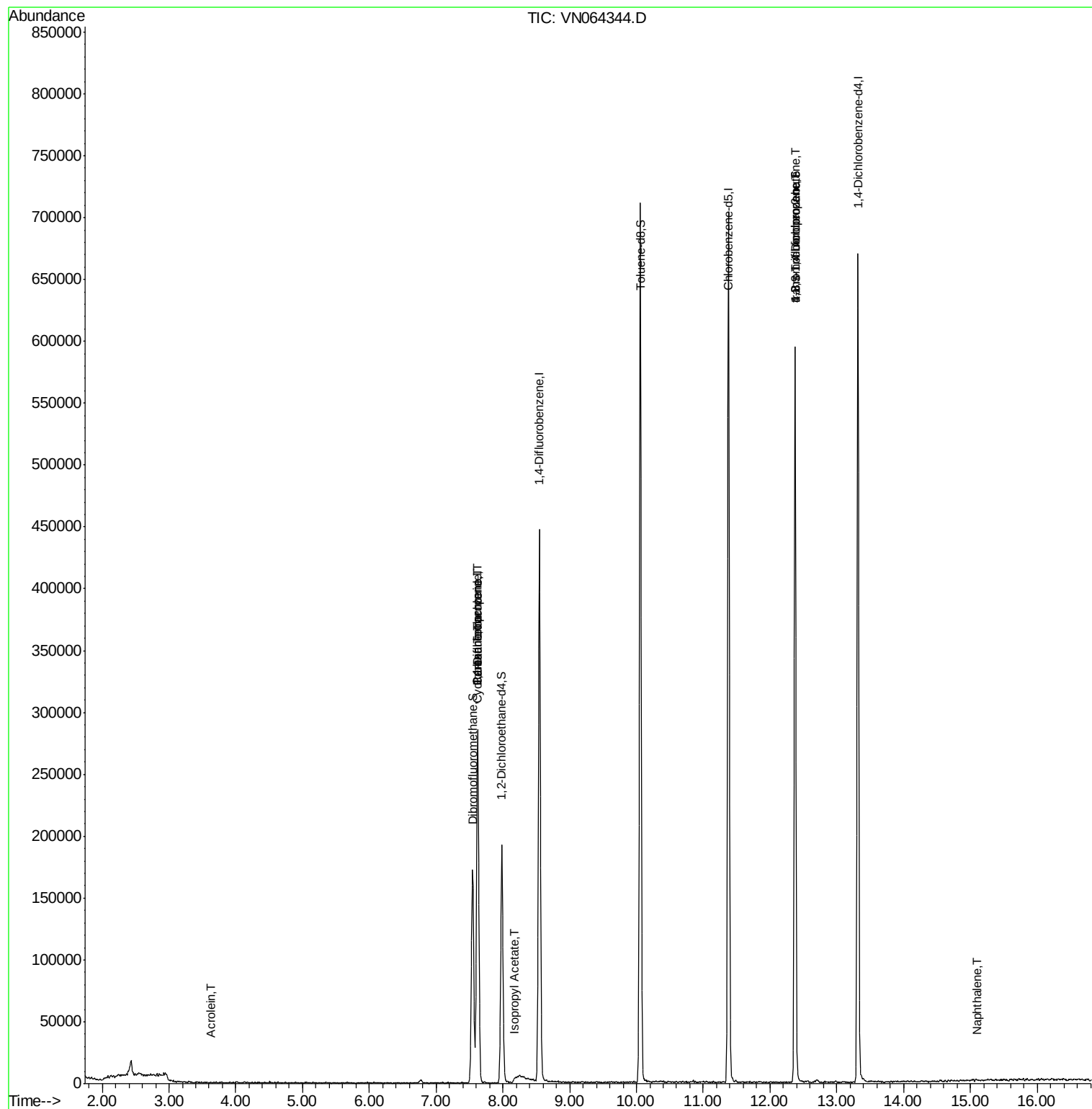
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	207776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	374444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	373655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	172875	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
35) Dibromofluoromethane	7.55	113	126032	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.06	98	472672	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.38	95	202143	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.26%	
Target Compounds						
					Qvalue	
13) Acrolein	3.64	56	31	17.953	ug/l #	10
16) Acetone	3.77	43	262	Below Cal	#	47
31) Cyclohexane	7.61	56	2401	0.620	ug/l #	36
36) 1,1-Dichloropropene	7.62	75	19163	5.071	ug/l #	53
38) Carbon Tetrachloride	7.62	117	22914	5.230	ug/l #	18
43) Isopropyl Acetate	8.17	43	2056	0.315	ug/l #	57
76) 1,2,3-Trichloropropane	12.37	75	113887	28.856	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	113887	83.119	ug/l #	8
95) Naphthalene	15.11	128	223	2.415	ug/l #	69

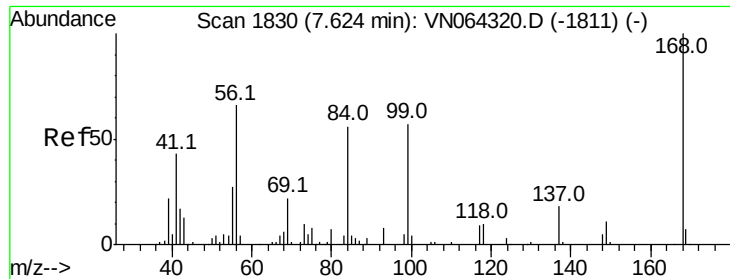
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

Instrument :

MSVOA_N

ClientSampleId :

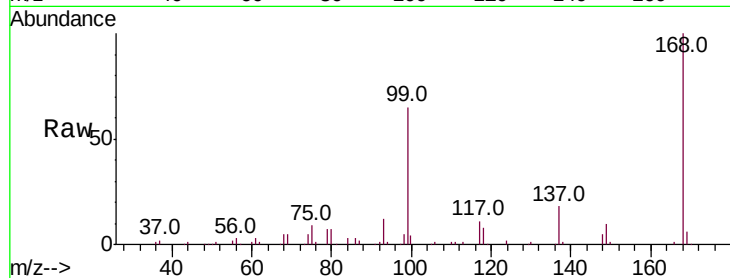
TT-TB-20201027

Tot Ion:168 Resp: 207776

Ion Ratio Lower Upper

168 100

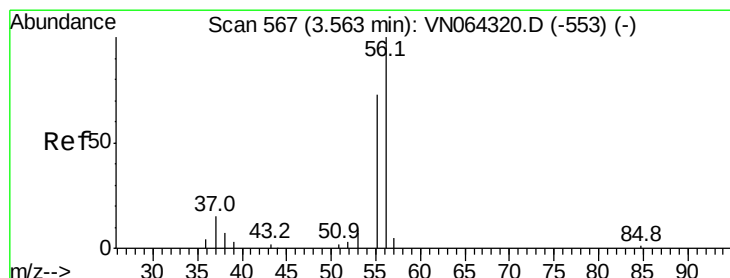
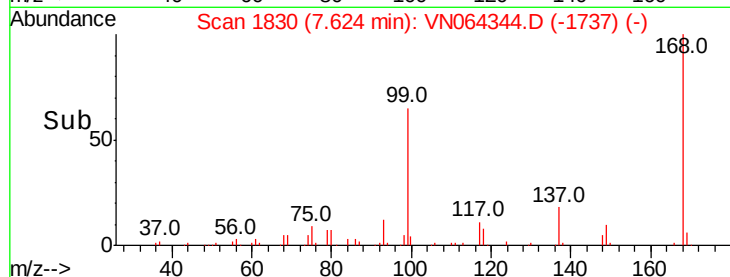
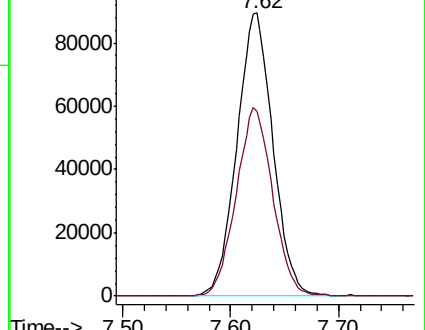
99 65.5 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62



#13

Acrolein

Concen: 17.953 ug/l

RT: 3.64 min Scan# 591

Delta R.T. 0.08 min

Lab File: VN064344.D

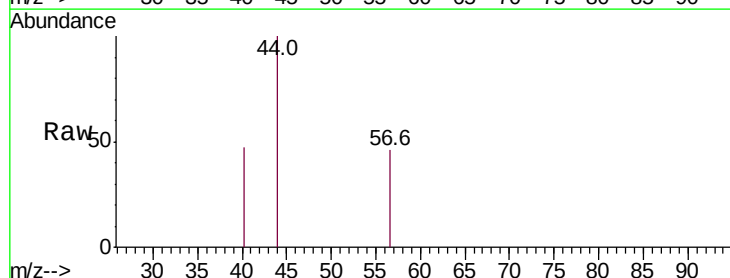
Acq: 28 Oct 2020 11:54

Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

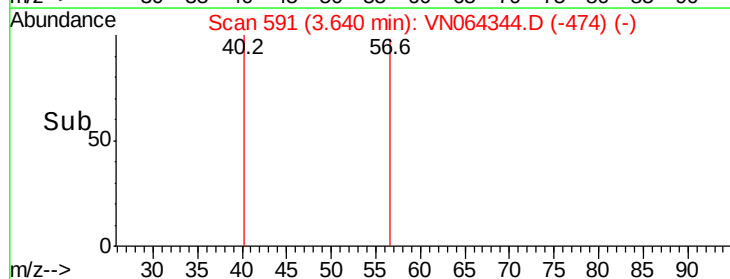
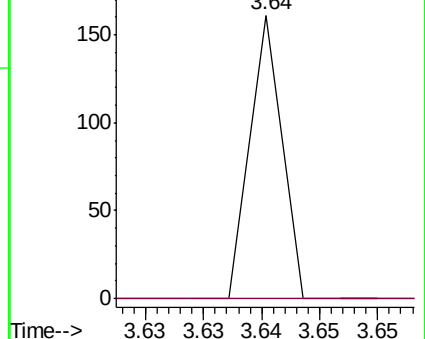
55 0.0 62.6 94.0#

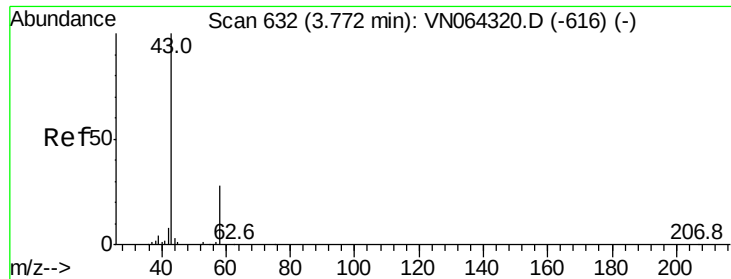


Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.64





#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 630

Delta R.T. -0.01 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

Instrument :

MSVOA_N

ClientSampleId :

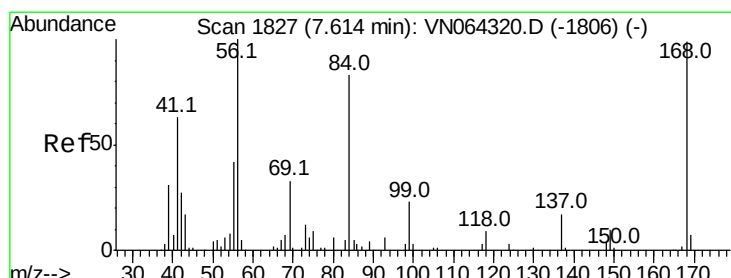
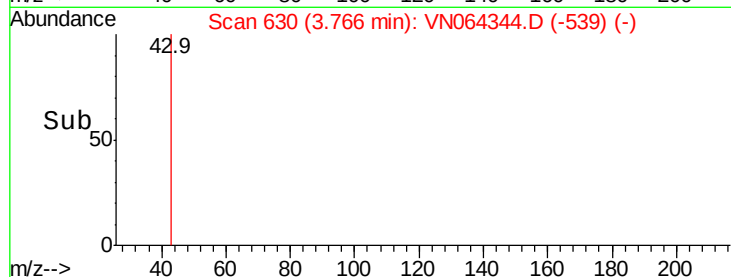
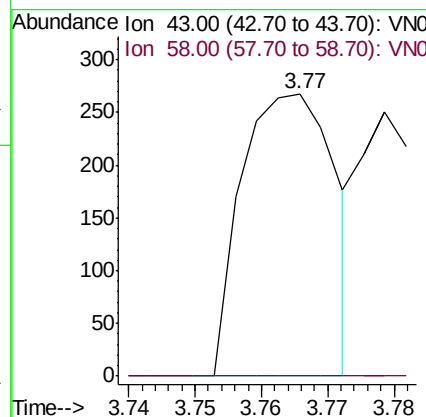
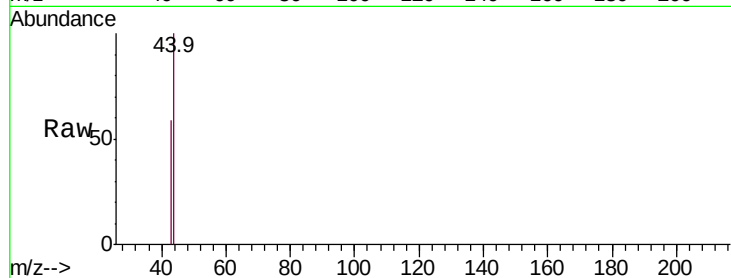
TT-TB-20201027

Tot Ion: 43 Resp: 262

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#



#31

Cyclohexane

Concen: 0.620 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

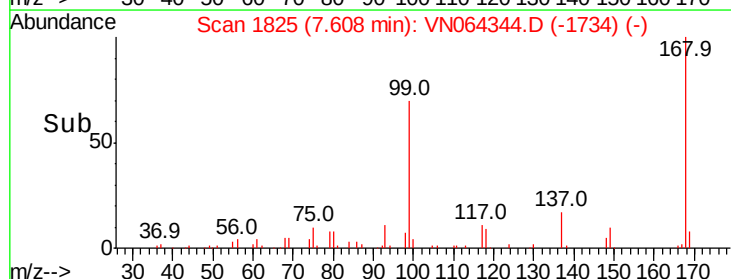
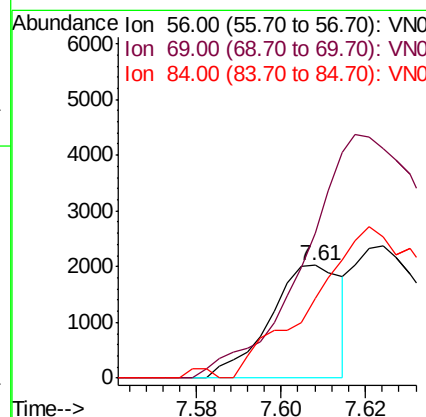
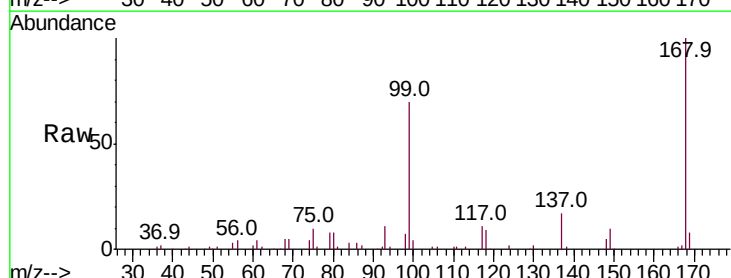
Tgt Ion: 56 Resp: 2401

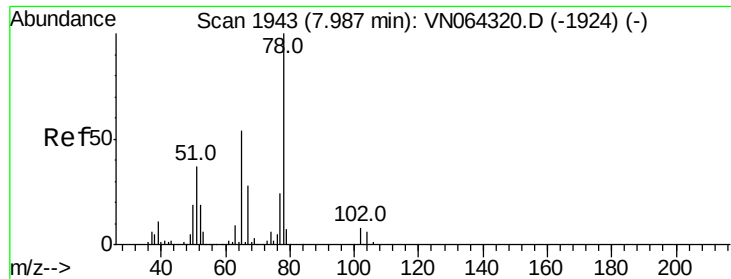
Ion Ratio Lower Upper

56 100

69 127.9 25.8 38.8#

84 62.2 66.3 99.5#





#33

1,2-Dichloroethane-d4

Concen: 51.776 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

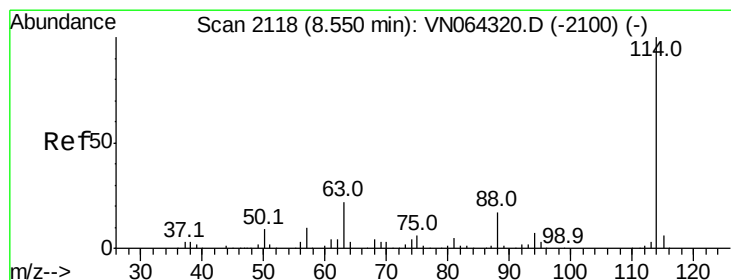
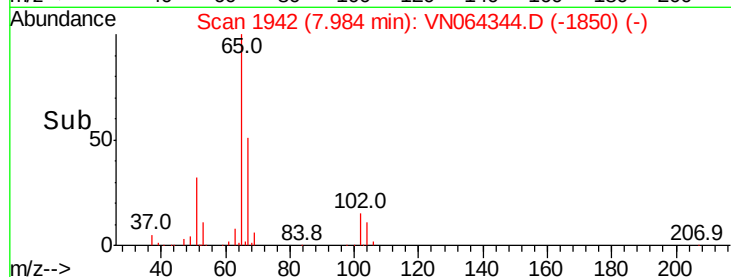
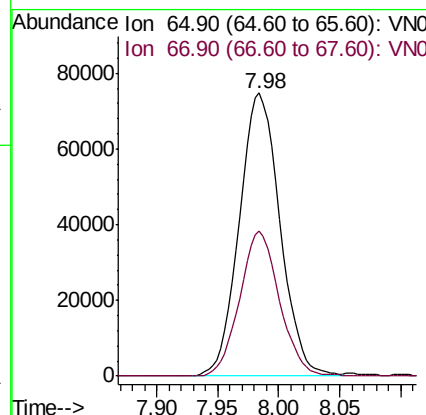
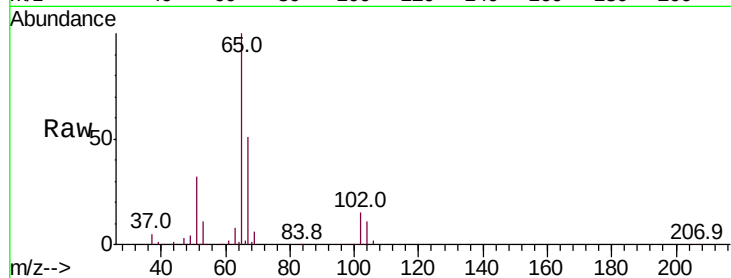
Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20201027

Tot Ion: 65 Resp: 172875

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

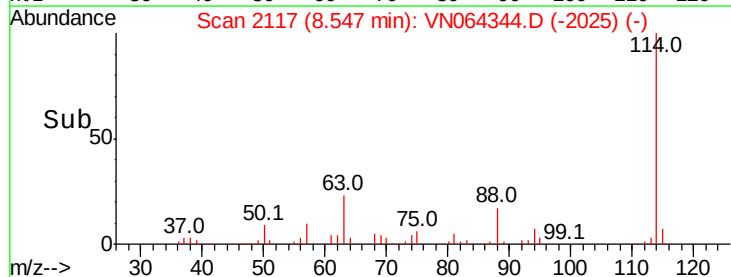
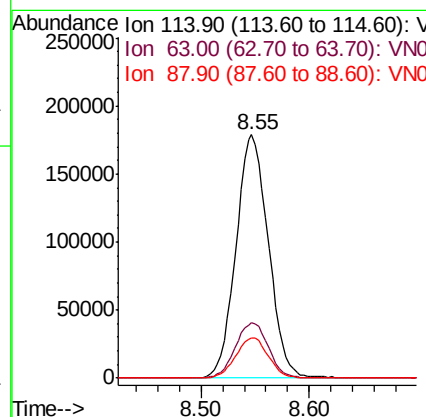
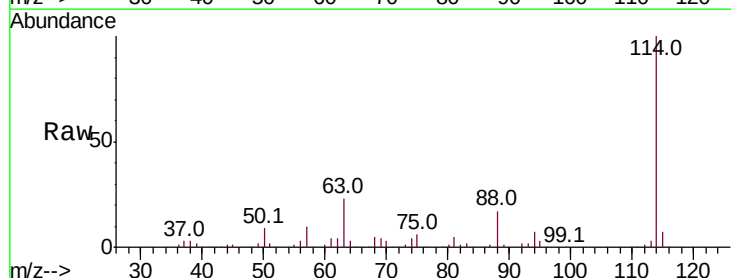
Delta R.T. -0.00 min

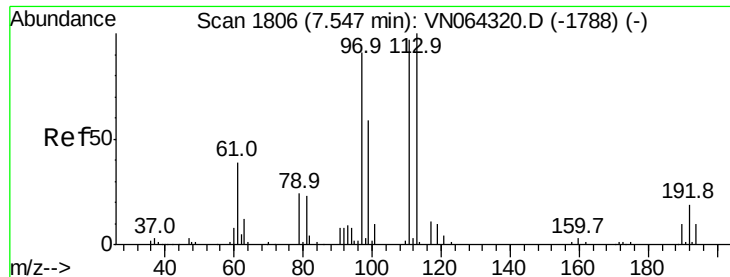
Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

Tgt Ion: 114 Resp: 374444

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	44.6
88	16.6	0.0	33.4





#35

Dibromofluoromethane

Concen: 50.472 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20201027

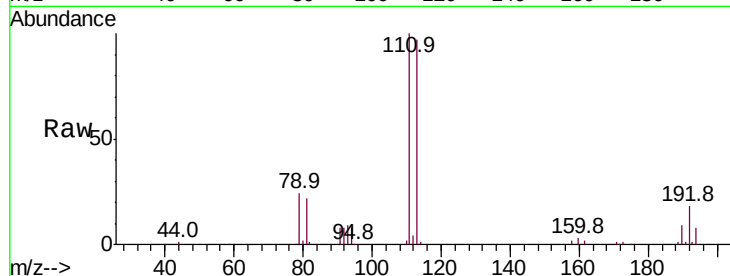
Tot Ion:113 Resp: 126032

Ion Ratio Lower Upper

113 100

111 104.7 81.5 122.3

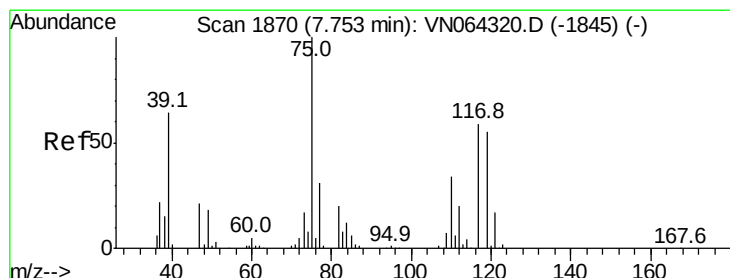
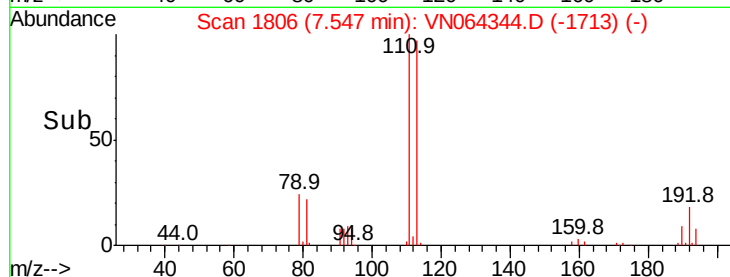
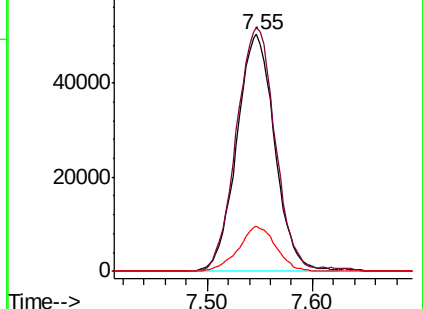
192 18.8 15.0 22.4



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



#36

1,1-Dichloropropene

Concen: 5.071 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

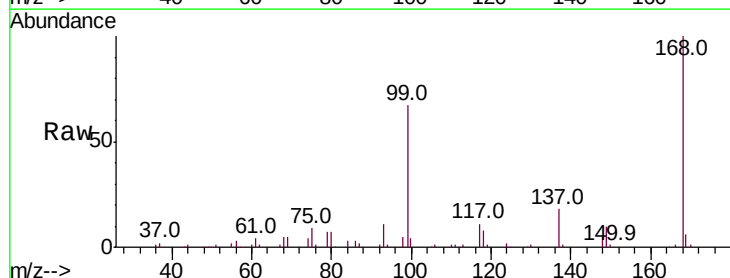
Tgt Ion: 75 Resp: 19163

Ion Ratio Lower Upper

75 100

110 10.8 16.8 50.3#

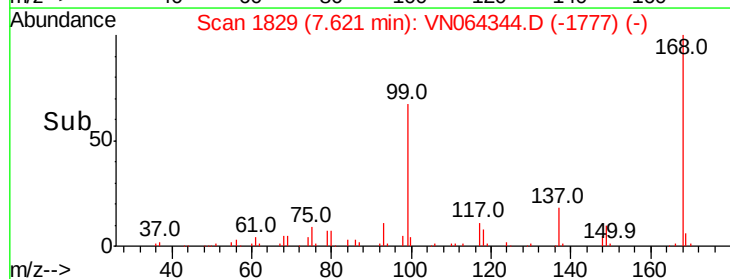
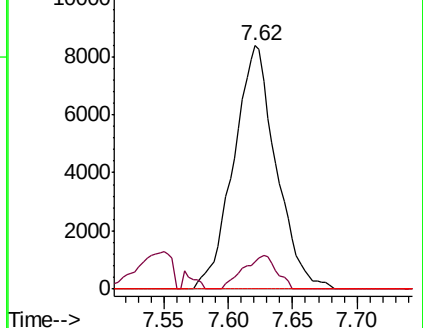
77 0.0 24.2 36.4#

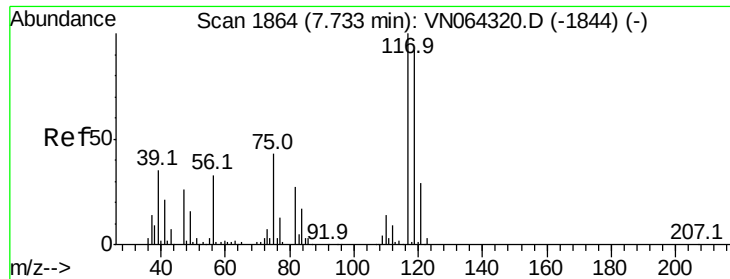


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.230 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.11 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20201027

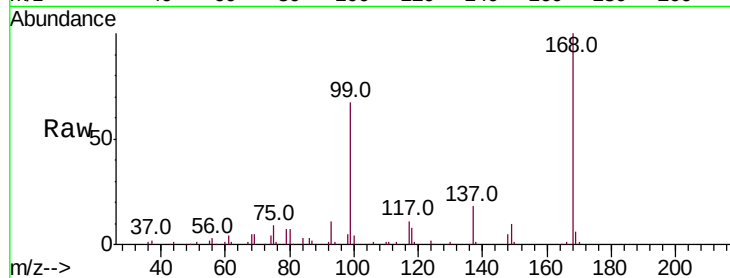
Tot Ion:117 Resp: 22914

Ion Ratio Lower Upper

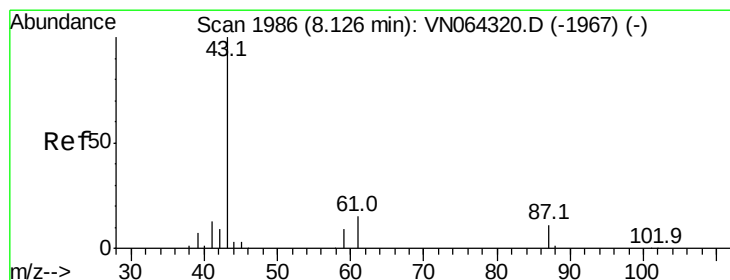
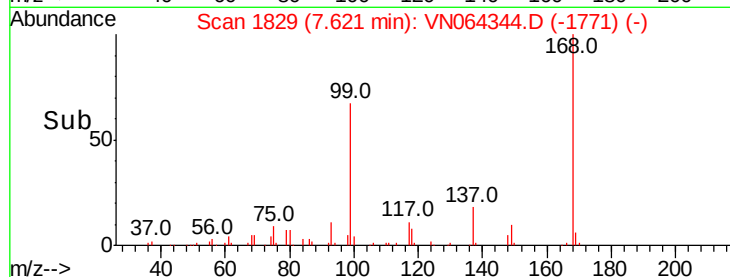
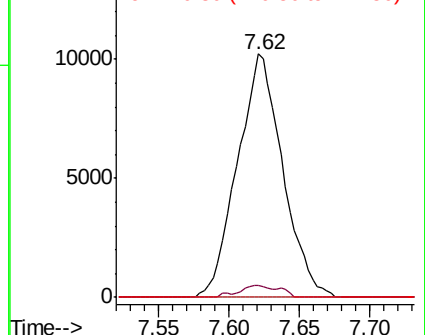
117 100

119 5.0 73.7 110.5#

121 0.0 22.8 34.2#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 0.315 ug/l

RT: 8.17 min Scan# 1999

Delta R.T. 0.04 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

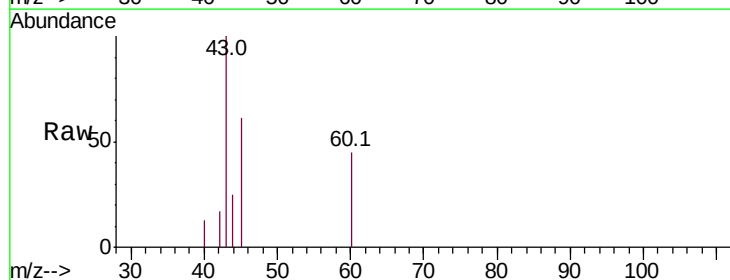
Tgt Ion: 43 Resp: 2056

Ion Ratio Lower Upper

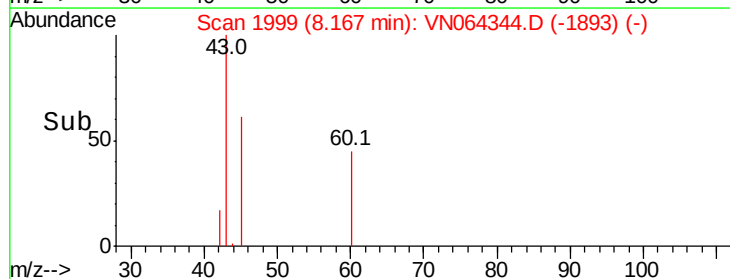
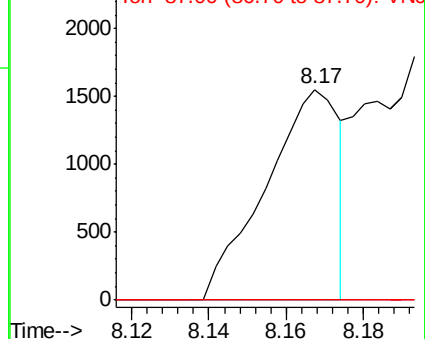
43 100

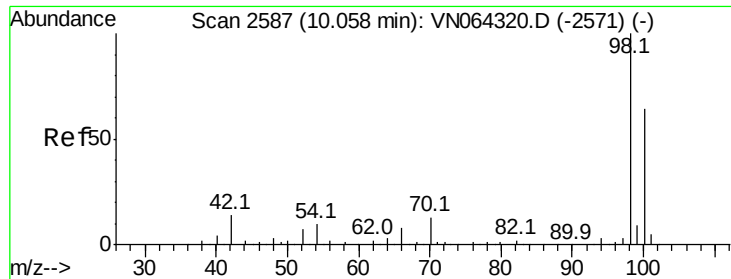
61 0.0 19.1 28.7#

87 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.175 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

Instrument :

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ClientSampleId :

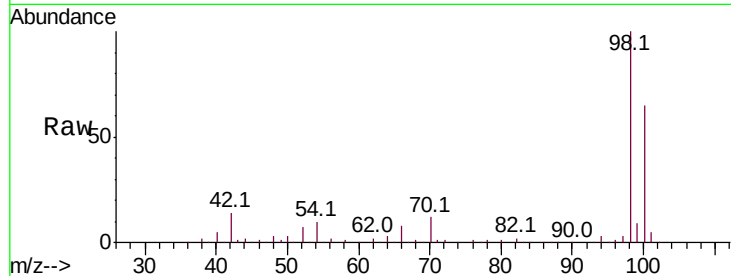
TT-TB-20201027

Tot Ion: 98 Resp: 472672

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

300000

250000

200000

150000

100000

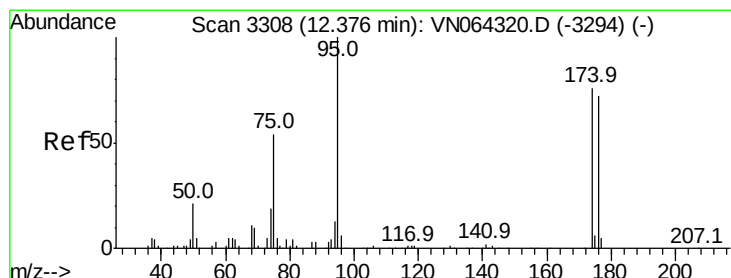
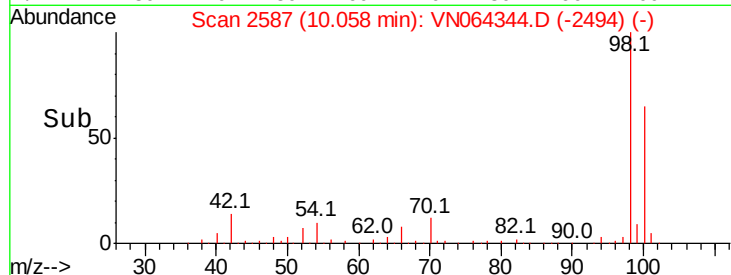
50000

0

10.06

10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 56.132 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

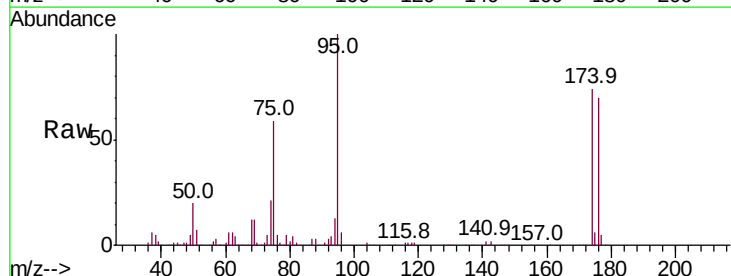
Tgt Ion: 95 Resp: 202143

Ion Ratio Lower Upper

95 100

174 73.4 0.0 147.4

176 70.9 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

100000

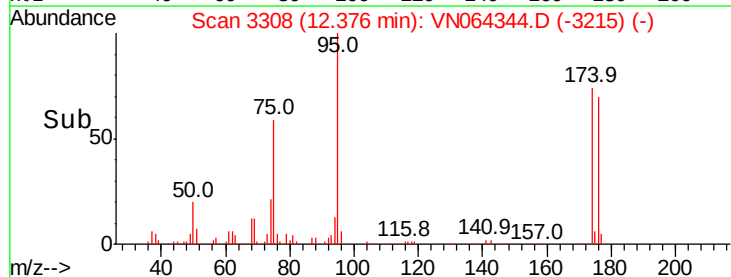
50000

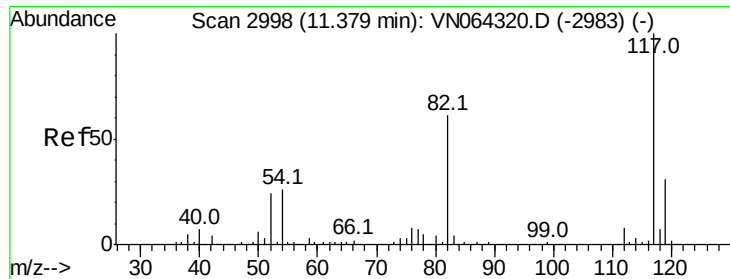
0

12.38

12.40

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20201027

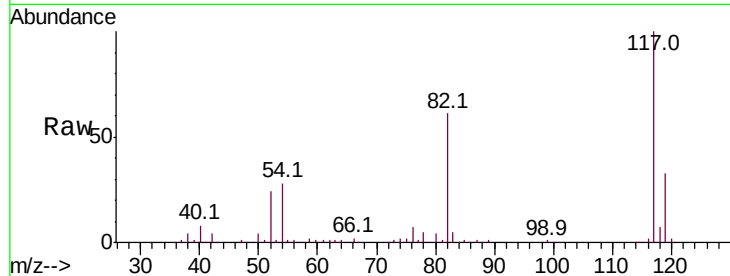
Tot Ion:117 Resp: 373655

Ion Ratio Lower Upper

117 100

82 61.1 48.8 73.2

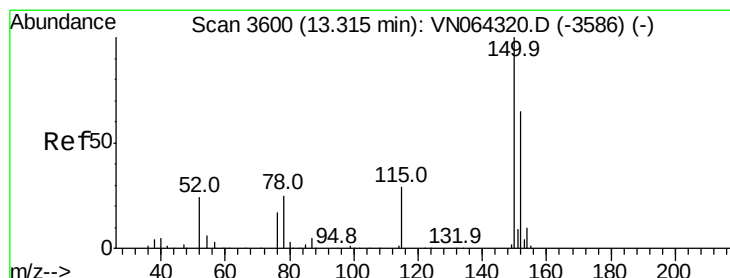
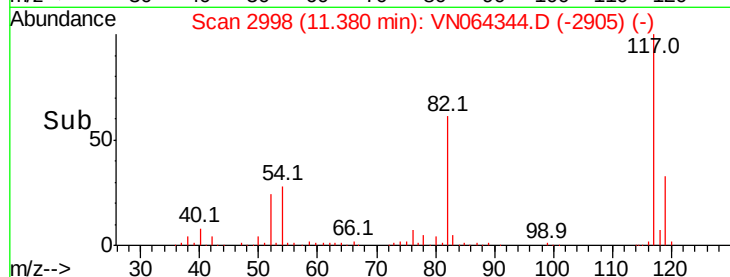
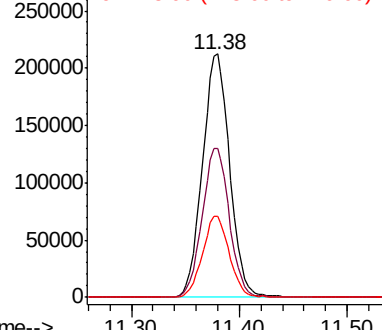
119 33.1 25.1 37.7



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

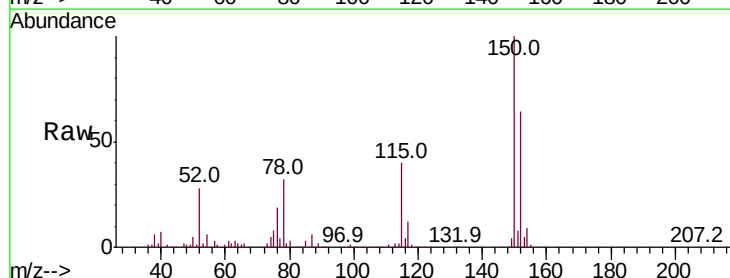
Tgt Ion:152 Resp: 164811

Ion Ratio Lower Upper

152 100

115 65.4 31.5 94.5

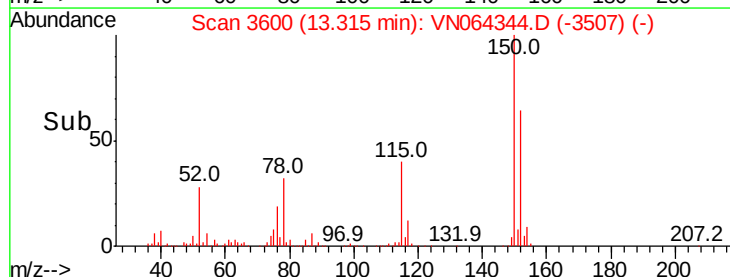
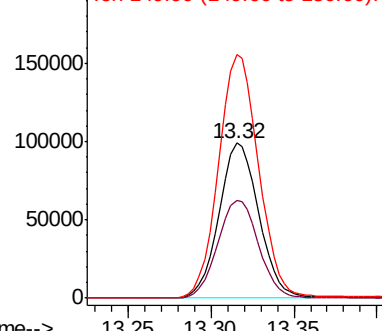
150 158.7 0.0 346.2

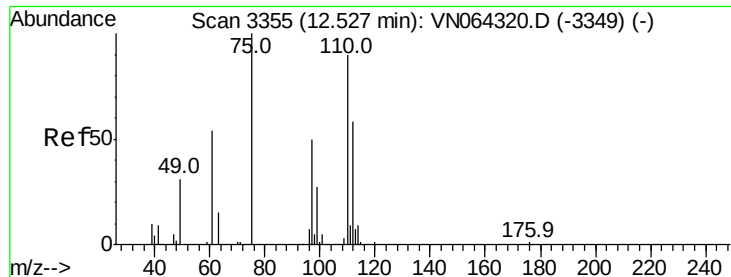


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.856 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

Instrument :

MSVOA_N

ClientSampleId :

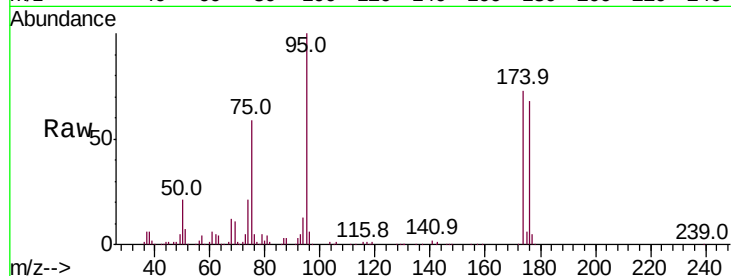
TT-TB-20201027

Tot Ion: 75 Resp: 113887

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.37

80000

60000

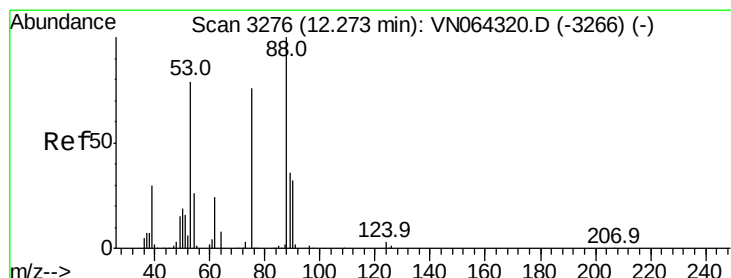
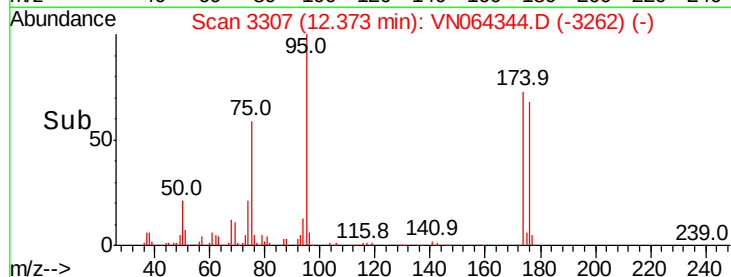
40000

20000

0

Time-->

12.30 12.40



#81

trans-1,4-Dichloro-2-butene

Concen: 83.119 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064344.D

Acq: 28 Oct 2020 11:54

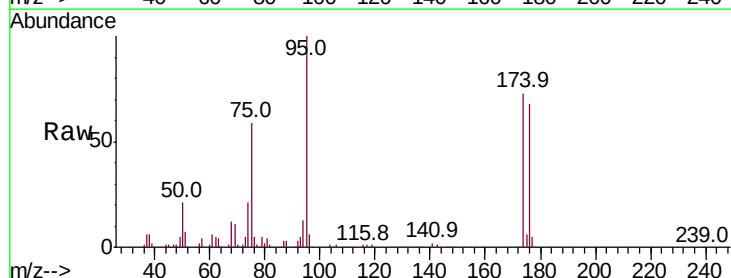
Tgt Ion: 75 Resp: 113887

Ion Ratio Lower Upper

75 100

53 0.0 81.8 122.8#

89 0.0 39.9 59.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

12.37

80000

60000

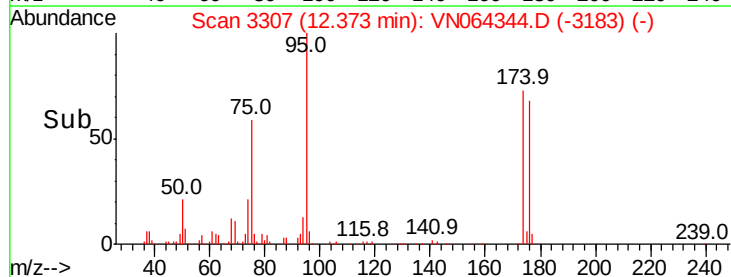
40000

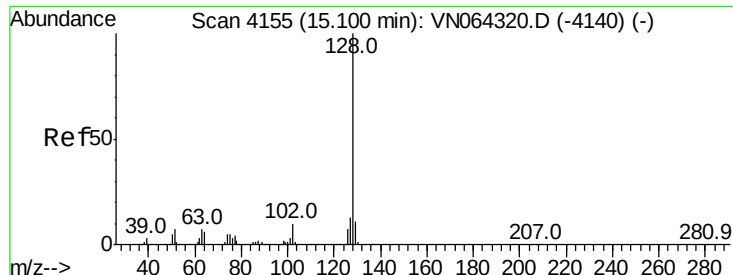
20000

0

Time-->

12.30 12.40





#95

Naphthalene

Concen: 2.415 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN064344.D

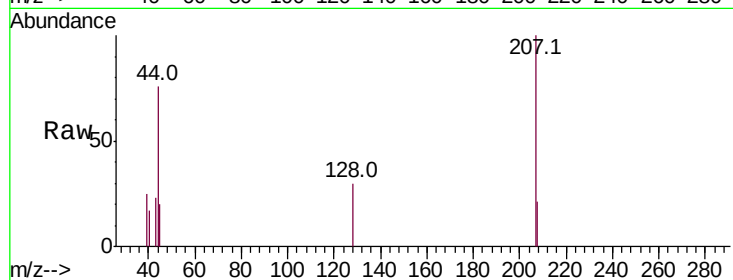
Acq: 28 Oct 2020 11:54

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20201027



Tot Ion:128 Resp: 223

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 13.0#

